

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

14.10.2003, 15:45:01

Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137612_tab.txt

H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer KS

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Outrigger width   = 18.7 ft      Outrigger length = 27.7 ft
Outrigger "A"    X = 12.0 ft      Outrigger "A"    Y =  9.4 ft
Outrigger "B"    X = 12.0 ft      Outrigger "B"    Y = -9.4 ft
Outrigger "C"    X = -15.7 ft     Outrigger "C"    Y =  9.4 ft
Outrigger "D"    X = -15.7 ft     Outrigger "D"    Y = -9.4 ft
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Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 40.7 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-0-0 % LK = 1

Counterweight = 75.8 kip

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Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		6(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
16.4	27.1	47	47	71	71	34	72	50	79(59)	38	82	41	75	
		50	86	36	63(128)	73	73	45	45	86	50	63	36(232)	
19.7	26.5	49	49	69	69	38	70	51	76(59)	41	79	43	72	
		52	82	39	62(128)	71	71	46	46	82	52	62	39(232)	
23.0	25.1	50	50	67	67	41	68	52	73(59)	43	75	45	69	
		53	78	42	61(128)	69	69	48	48	78	53	61	42(232)	
26.2	24.0	51	51	65	65	44	66	52	70(59)	46	72	47	67	
		54	74	44	60(128)	67	67	49	49	74	54	60	44(232)	
29.5	22.7	52	52	63	63	46	65	53	67(59)	48	69	49	65	
		54	71	47	59(128)	65	65	50	50	71	54	59	47(232)	
32.8	21.6	53	53	62	62	49	63	54	65(59)	50	67	50	63	
		55	68	49	59(128)	63	63	52	52	68	55	59	49(232)	
39.4	19.4	55	55	59	59	53	60	55	60(59)	53	62	53	60	
		56	63	52	57(128)	60	60	54	54	63	56	57	52(232)	
45.9	17.2	56	56	56	56	56	58	55	57(59)	56	58	55	56	
		57	59	54	56(127)	58	58	55	55	59	57	56	54(232)	
52.5	15.9	58	58	54	54	60	55	56	53(59)	59	54	57	53	
		58	54	58	55(128)	55	55	57	57	54	58	55	58(232)	
59.1	14.3	60	60	52	52	62	53	57	50(59)	62	51	59	51	
		59	50	60	54(128)	53	53	58	58	50	59	54	60(232)	
65.6	12.8	60	60	50	50	64	52	57	48(59)	63	49	60	49	
		59	47	62	53(128)	52	52	59	59	47	59	53	62(232)	
72.2	11.9	62	62	48	48	68	50	58	45(59)	66	45	62	47	
		66	45	62	47(90)	50	50	61	61	45	66	47	62(270)	

78.7 11.0 63 63 47 47 65 61 48 45(9) 68 43 64 45
68 43 64 45(90) 48 48 62 62 43 68 45 64(270)
85.3 10.4 65 65 45 45 69 59 49 41(20) 71 39 66 42
71 39 66 43(92) 46 46 63 63 39 70 43 67(267)
91.9 9.5 65 65 43 43 72 57 50 39(25) 73 37 67 41
71 36 69 42(97) 45 45 64 64 36 71 42 69(262)
98.4 9.0 67 67 42 42 76 55 51 35(30) 75 34 69 38
73 32 71 41(101) 43 43 66 66 32 72 41 72(258)
105.0 8.6 68 68 40 40 79 54 52 33(33) 78 32 71 36
74 29 74 40(104) 41 41 67 67 29 73 40 74(255)

HA= 40.7 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.0 8.0 6.9 7.4

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 54.5 ft Length of jib = 82.0 ft
Main boom sequence = 0-0-0-0-0-45 % LK = 7
Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		6(...)		
	A	B	C	D	A	B	C	D	
19.7 25.1	48	48	69	69	37	70	50	76(59)	40 79 42 72
	51	82	38	62(128)	71	71	46	46	82 51 62 38(232)
23.0 24.7	50	50	67	67	40	68	52	73(59)	43 76 45 70
	52	78	41	61(128)	69	69	48	48	78 52 61 41(232)
26.2 23.6	51	51	65	65	43	66	52	70(59)	46 73 47 67
	53	75	44	60(128)	67	67	49	49	75 53 60 44(232)
29.5 22.7	52	52	63	63	46	65	53	67(59)	48 69 49 65
	54	71	47	59(128)	65	65	50	50	71 54 59 47(232)
32.8 21.8	54	54	62	62	49	63	54	64(59)	50 67 50 63
	55	68	49	59(128)	63	63	52	52	68 55 59 49(232)
39.4 19.8	56	56	58	58	54	60	55	60(59)	54 62 53 59
	56	62	52	57(128)	60	60	54	54	62 56 57 52(232)
45.9 18.1	58	58	56	56	58	57	56	56(59)	58 57 56 56
	58	57	56	56(127)	57	57	56	56	57 58 56 56(232)
52.5 16.3	59	59	54	54	61	55	57	52(59)	60 54 58 53
	58	53	59	55(128)	55	55	57	57	53 58 55 59(232)
59.1 15.2	61	61	51	51	65	53	58	49(59)	63 50 60 50
	60	49	62	54(128)	52	52	59	59	49 60 54 62(232)
65.6 13.9	62	62	49	49	67	51	58	46(59)	66 47 62 48
	66	47	62	48(90)	50	50	61	61	47 66 48 62(270)
72.2 12.8	63	63	47	47	65	62	48	46(6)	68 44 64 45
	68	44	64	45(90)	49	49	62	62	44 68 45 64(270)
78.7 11.7	64	64	46	46	68	60	49	43(16)	70 41 65 43
	70	41	65	43(90)	47	47	63	63	41 70 43 65(270)
85.3 11.0	66	66	44	44	72	58	50	39(24)	73 38 68 41
	72	37	69	42(96)	45	45	65	65	37 72 42 69(263)
91.9 10.1	67	67	42	42	75	56	51	37(28)	75 35 69 39
	73	34	71	41(100)	43	43	66	66	34 72 42 71(259)
98.4 9.3	68	68	41	41	77	55	51	35(31)	76 34 70 38
	73	31	72	41(102)	42	42	67	67	31 73 41 73(257)
105.0 8.8	69	69	39	39	80	53	52	32(34)	79 31 72 35
	74	28	75	40(105)	40	40	68	68	28 74 40 75(254)

111.5 8.2 70 70 38 38 82 52 53 30(36) 80 29 73 34
 75 25 77 39(107) 39 39 69 69 25 74 40 77(252)
 118.1 7.7 71 71 37 37 85 50 54 27(38) 82 26 75 32
 76 22 79 39(109) 38 38 70 70 22 75 39 79(250)

 HA= 54.5 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.9 7.6 7.4 7.4

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		6(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
23.0	22.9	49	49	67	67	39	68	51	74(59)	41	76	44	70	
		51	79	40	61(128)	69	69	47	47	79	51	61	40(232)	
26.2	22.5	50	50	65	65	42	67	52	71(59)	44	73	46	68	
		53	75	43	60(128)	67	67	48	48	75	53	60	43(232)	
29.5	21.8	52	52	63	63	45	65	53	68(59)	47	70	48	65	
		54	72	46	59(128)	65	65	50	50	72	54	59	46(232)	
32.8	21.2	53	53	62	62	48	63	54	65(59)	50	67	50	63	
		55	68	48	59(128)	63	63	51	51	68	55	59	48(232)	
39.4	19.4	55	55	59	59	53	60	55	60(59)	54	62	53	59	
		56	63	52	57(128)	60	60	54	54	63	56	57	52(232)	
45.9	17.6	57	57	56	56	57	58	56	56(59)	57	58	55	56	
		57	58	55	56(127)	58	58	56	56	58	57	56	55(232)	
52.5	15.9	58	58	54	54	60	55	56	53(59)	60	54	57	53	
		58	54	58	55(128)	55	55	57	57	54	58	55	58(232)	
59.1	14.1	59	59	52	52	62	54	57	50(59)	61	51	59	51	
		58	50	60	54(128)	53	53	58	58	50	58	54	60(232)	
65.6	13.0	61	61	50	50	65	52	58	47(59)	64	48	61	49	
		59	47	62	53(128)	51	51	60	60	47	59	53	62(232)	
72.2	11.9	62	62	48	48	68	50	58	44(59)	66	45	63	47	
		66	45	63	47(90)	49	49	61	61	45	66	47	63(270)	
78.7	10.6	63	63	47	47	63	62	48	46(4)	67	43	63	45	
		67	43	63	45(90)	48	48	62	62	43	67	45	63(270)	
85.3	9.5	63	63	46	46	66	60	48	44(13)	69	41	64	43	
		69	41	64	43(90)	47	47	62	62	41	69	43	64(270)	
91.9	8.8	64	64	44	44	69	58	49	40(21)	71	39	66	41	
		70	38	67	42(93)	45	45	63	63	38	70	42	67(266)	
98.4	8.4	66	66	43	43	73	56	50	37(27)	74	36	68	39	
		72	34	70	41(99)	43	43	65	65	34	71	41	70(260)	
105.0	7.7	67	67	41	41	76	55	51	35(30)	75	34	69	38	
		72	32	72	41(102)	42	42	66	66	31	72	41	72(257)	
111.5	7.1	68	68	40	40	78	53	52	33(33)	77	32	71	36	
		73	29	73	40(104)	41	41	67	67	29	73	40	73(255)	
118.1	6.6	69	69	39	39	80	52	52	31(35)	79	30	72	35	
		74	26	75	39(106)	39	39	68	68	26	73	40	75(253)	
124.7	6.2	70	70	37	37	82	51	53	29(37)	80	28	73	33	
		75	24	77	39(107)	38	38	69	69	24	74	39	77(252)	
131.2	5.7	71	71	36	36	84	50	53	27(38)	82	26	75	32	
		75	22	79	38(109)	37	37	70	70	22	75	39	79(250)	

 HA= 68.6 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.8 7.3 7.3 7.3

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-100 % LK = 14
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D	
23.0	22.7	48	48	67	67	38	68	51	74(59)	41	76	43	70	
		51	79	40	61(128)	69	69	46	46	79	51	61	40(232)	
26.2	22.3	50	50	65	65	42	67	52	71(59)	44	73	46	68	
		52	75	43	60(128)	67	67	48	48	75	52	60	43(232)	
29.5	21.6	52	52	63	63	45	65	52	68(59)	47	70	48	65	
		54	72	45	59(128)	65	65	50	50	72	54	59	45(232)	
32.8	20.3	52	52	62	62	47	63	53	65(59)	49	68	49	64	
		54	69	47	59(128)	64	64	50	50	69	54	59	47(232)	
39.4	18.1	54	54	59	59	51	61	54	62(59)	52	63	51	60	
		55	64	50	57(128)	61	61	52	52	64	55	57	50(232)	
45.9	16.3	56	56	57	57	54	58	55	58(59)	55	59	54	57	
		56	60	53	56(127)	58	58	54	54	60	56	56	53(232)	
52.5	14.3	56	56	55	55	57	56	55	55(59)	57	56	55	55	
		56	56	55	55(127)	56	56	55	55	56	56	55	55(232)	
59.1	12.3	57	57	54	54	58	55	55	53(59)	58	54	56	53	
		57	54	56	54(127)	55	55	56	56	54	57	54	56(232)	
65.6	11.2	58	58	52	52	61	53	56	50(59)	60	51	58	51	
		57	50	59	53(128)	53	53	57	57	50	57	53	59(232)	
72.2	10.4	60	60	50	50	64	51	57	47(59)	62	48	60	49	
		58	47	61	52(128)	51	51	58	58	47	58	52	61(232)	
78.7	9.3	60	60	49	49	65	50	57	45(59)	64	46	61	47	
		59	45	63	52(128)	50	50	59	59	45	59	52	63(232)	
85.3	8.2	61	61	48	48	67	49	57	44(59)	65	44	62	46	
		65	44	62	46(90)	49	49	60	60	44	65	46	62(270)	
91.9	7.7	62	62	46	46	64	60	48	44(10)	67	41	63	44	
		67	41	63	44(90)	47	47	61	61	41	67	44	63(270)	
98.4	7.1	63	63	45	45	67	58	48	41(17)	69	39	65	42	
		69	39	65	42(90)	45	45	62	62	39	69	42	65(269)	
105.0	6.4	64	64	43	43	69	57	49	39(22)	71	37	66	41	
		70	37	67	41(94)	44	44	63	63	37	70	41	67(265)	
111.5	6.0	65	65	42	42	72	55	50	37(27)	73	35	67	39	
		71	34	69	41(99)	43	43	64	64	34	70	41	69(260)	
118.1	5.5	66	66	41	41	75	54	50	35(30)	75	33	69	37	
		72	31	71	40(101)	42	42	65	65	31	71	40	71(258)	
124.7	5.1	67	67	40	40	77	53	51	33(32)	76	31	70	36	
		72	29	73	39(103)	40	40	66	66	29	72	40	73(256)	
131.2	4.9	68	68	38	38	80	52	52	30(35)	78	29	72	34	
		73	26	75	39(106)	39	39	67	67	26	73	39	75(253)	
137.8	4.4	69	69	37	37	81	51	52	29(36)	79	28	73	33	
		74	24	76	38(107)	38	38	68	68	24	73	39	76(252)	

 HA= 70.2 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.5 7.4 7.1 7.1

 Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip] (Pos.[Degrees]) 0-360 Degr.																							
		1(0)				2(...)				3(90)				6(...)											
		A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D								
26.2	21.6	50	50	65	65	41	67	52	71(59)	44	73	45	68	52	75	43	60(128)	67	67	48	48	75	52	60	43(232)
29.5	21.2	51	51	63	63	45	65	52	68(59)	47	70	48	65	53	72	45	59(128)	65	65	50	50	72	53	59	45(232)
32.8	20.7	53	53	62	62	48	63	53	65(59)	50	67	50	63	54	68	48	58(128)	63	63	51	51	68	54	58	48(232)
39.4	19.4	56	56	58	58	54	60	55	60(59)	54	62	53	59	56	62	53	57(128)	60	60	54	54	62	56	57	53(232)
45.9	17.9	58	58	56	56	58	57	56	55(59)	58	57	56	55	57	58	56	56(127)	57	57	56	56	57	58	56	56(232)
52.5	16.5	60	60	53	53	62	54	57	51(59)	62	52	59	52	59	52	60	54(128)	54	54	58	58	52	59	54	60(232)
59.1	15.0	61	61	51	51	65	52	58	48(59)	64	49	61	50	60	48	62	53(128)	52	52	60	60	48	60	53	62(232)
65.6	13.4	62	62	49	49	67	51	58	45(59)	66	46	62	47	66	46	62	47(90)	50	50	61	61	46	66	47	62(270)
72.2	12.6	64	64	47	47	65	62	49	45(9)	69	43	65	45	69	43	65	45(90)	48	48	62	62	43	69	45	65(270)
78.7	11.7	65	65	45	45	70	59	50	41(20)	71	40	67	42	71	39	67	43(93)	46	46	64	64	39	71	43	67(266)
85.3	10.6	66	66	44	44	72	57	50	39(25)	73	37	68	41	73	36	69	42(97)	45	45	65	65	36	71	42	69(262)
91.9	9.7	67	67	42	42	75	56	51	36(29)	75	35	69	39	75	34	71	41(100)	43	43	66	66	33	72	41	71(259)
98.4	8.8	68	68	41	41	77	55	51	34(31)	76	33	70	37	76	31	73	41(103)	42	42	67	67	31	73	41	73(256)
105.0	8.4	69	69	39	39	80	52	52	31(35)	79	30	72	35	79	27	76	40(106)	40	40	68	68	27	74	40	76(253)
111.5	7.7	70	70	38	38	83	51	53	29(37)	81	28	73	34	81	25	77	39(107)	39	39	69	69	25	75	39	77(252)
118.1	7.3	71	71	37	37	85	50	54	27(38)	83	26	75	32	83	22	80	38(109)	37	37	70	70	22	75	39	80(250)
124.7	6.6	72	72	35	35	87	49	54	25(39)	84	24	76	31	84	20	81	38(110)	36	36	71	71	20	76	38	81(249)
131.2	6.4	73	73	34	34	90	47	55	22(41)	87	21	78	28	87	17	83	37(111)	35	35	73	73	17	77	37	84(248)
137.8	6.0	74	74	33	33	92	46	56	21(42)	88	20	79	27	88	14	85	37(112)	34	34	74	74	14	78	37	85(247)
144.4	5.7	76	76	31	31	94	47	54	18(40)	91	17	81	25	91	11	88	36(113)	32	32	75	75	11	78	36	88(246)

 HA= 82.3 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.8 7.3 8.1 8.2

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 84.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		6(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
26.2	21.2	49	49	65	65	41	67	51	71(59)	43	73	45	68	
		52	76	42	60(128)	67	67	48	48	76	52	60	42(232)	
29.5	20.9	51	51	63	63	45	65	52	68(59)	47	70	47	65	
		53	72	45	59(128)	65	65	49	49	72	53	59	45(232)	
32.8	20.5	53	53	62	62	48	63	53	65(59)	49	67	50	63	
		54	68	48	58(128)	63	63	51	51	68	54	58	48(232)	
39.4	18.5	55	55	59	59	52	60	54	60(59)	53	62	52	60	
		56	63	51	57(128)	60	60	53	53	63	56	57	51(232)	
45.9	16.8	56	56	56	56	56	58	55	56(59)	56	58	55	56	
		57	58	55	56(127)	58	58	55	55	58	57	56	55(232)	
52.5	15.0	58	58	54	54	59	56	56	53(59)	59	55	57	54	
		58	54	57	55(127)	55	55	56	56	54	57	55	57(232)	
59.1	13.4	59	59	52	52	62	54	56	50(59)	61	51	58	51	
		58	51	59	54(128)	53	53	58	58	51	58	54	59(232)	
65.6	11.9	60	60	50	50	63	52	57	48(59)	62	49	60	49	
		58	48	61	53(128)	52	52	58	58	48	58	53	61(232)	
72.2	11.0	61	61	49	49	67	50	58	45(59)	65	46	62	47	
		65	46	62	47(90)	50	50	60	60	46	65	47	62(270)	
78.7	10.1	62	62	47	47	63	62	48	46(4)	67	43	63	45	
		67	43	63	45(90)	48	48	61	61	43	67	45	63(270)	
85.3	9.3	63	63	45	45	67	60	49	43(15)	69	41	65	43	
		69	41	65	43(90)	46	46	62	62	41	69	43	65(270)	
91.9	8.4	64	64	44	44	69	58	49	40(21)	71	39	66	41	
		70	38	67	42(93)	45	45	63	63	38	70	42	67(266)	
98.4	7.7	65	65	43	43	72	56	50	38(26)	73	36	67	40	
		71	35	69	41(98)	44	44	64	64	35	71	41	69(261)	
105.0	7.1	66	66	41	41	75	55	50	35(29)	75	34	69	38	
		72	32	71	41(101)	42	42	65	65	32	71	41	71(258)	
111.5	6.6	67	67	40	40	78	53	51	33(33)	77	32	70	36	
		73	29	73	40(104)	41	41	67	67	29	72	40	73(255)	
118.1	6.2	69	69	39	39	80	52	52	30(35)	78	30	72	35	
		74	26	75	39(106)	39	39	68	68	26	73	40	75(253)	
124.7	5.5	69	69	38	38	81	51	52	29(36)	80	28	73	34	
		74	25	76	39(107)	39	39	68	68	25	73	39	77(252)	
131.2	5.3	71	71	36	36	84	50	53	26(38)	82	26	75	32	
		75	22	79	38(109)	37	37	70	70	22	75	39	79(250)	
137.8	5.1	72	72	35	35	87	48	54	24(40)	84	23	76	30	
		76	19	81	37(110)	35	35	71	71	19	76	38	81(249)	
144.4	4.6	73	73	34	34	89	47	54	22(41)	86	22	77	28	
		77	17	82	37(111)	35	35	72	72	17	76	37	83(248)	
150.9	4.4	74	74	32	32	91	46	55	20(42)	88	19	79	27	
		78	14	84	36(112)	33	33	73	73	14	77	37	85(247)	

HA= 84.0 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.1 7.8 7.9

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 96.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.							
		1(0)				2(...)				3(90)							
		4(...)				5(180)				6(...)							
A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D		
29.5	19.8	50	50	64	64	43	65	52	68(59)	46	70	47	66				
		53	72	44	59(128)	65	65	49	49	72	53	59	44(232)				
32.8	19.6	52	52	62	62	47	63	53	65(59)	49	67	49	63				
		54	69	47	58(128)	63	63	51	51	69	54	58	47(232)				
39.4	18.7	55	55	58	58	53	60	55	60(59)	54	62	53	59				
		56	62	52	57(128)	60	60	54	54	62	56	57	52(232)				
45.9	17.6	58	58	55	55	58	57	56	55(59)	58	57	56	55				
		58	56	56	56(127)	57	57	56	56	56	58	56	56(232)				
52.5	16.3	60	60	53	53	62	54	57	51(59)	62	52	59	52				
		59	52	60	54(128)	54	54	58	58	52	59	54	60(232)				
59.1	15.2	62	62	50	50	67	52	58	47(59)	65	48	62	49				
		60	47	63	53(128)	52	52	60	60	47	60	53	63(232)				
65.6	14.1	63	63	48	48	64	63	48	47(3)	68	44	64	46				
		68	44	64	46(90)	49	49	62	62	44	68	46	64(270)				
72.2	12.8	65	65	46	46	68	60	49	44(15)	70	42	66	44				
		70	42	66	44(90)	47	47	63	63	42	70	44	66(270)				
78.7	11.9	66	66	44	44	72	58	50	40(24)	73	38	68	41				
		72	37	69	43(96)	45	45	65	65	37	72	43	69(263)				
85.3	11.2	68	68	42	42	76	56	52	36(30)	76	35	70	39				
		73	33	72	41(101)	43	43	67	67	33	73	42	72(258)				
91.9	10.4	69	69	41	41	79	54	52	33(33)	78	32	71	37				
		74	30	74	41(104)	42	42	68	68	30	74	41	75(255)				
98.4	9.5	70	70	39	39	81	53	53	31(35)	80	30	73	35				
		75	27	76	40(106)	40	40	69	69	27	74	40	76(253)				
105.0	8.8	71	71	38	38	84	51	53	29(37)	82	28	74	33				
		76	24	78	39(108)	39	39	70	70	24	75	40	78(251)				
111.5	8.4	72	72	36	36	87	50	54	26(39)	84	25	76	31				
		77	21	81	39(110)	37	37	71	71	21	76	39	81(249)				
118.1	7.7	73	73	35	35	89	49	55	24(40)	86	23	78	30				
		77	18	83	38(111)	36	36	72	72	18	77	38	83(248)				
124.7	7.3	75	75	33	33	92	47	56	21(42)	88	21	79	28				
		78	15	85	37(112)	34	34	74	74	15	78	38	85(247)				
131.2	6.8	76	76	32	32	94	47	55	19(40)	90	18	81	26				
		79	13	87	37(113)	33	33	75	75	13	78	37	87(246)				
137.8	6.4	77	77	31	31	96	46	55	17(41)	92	16	82	24				
		80	10	89	36(114)	32	32	76	76	10	79	37	89(245)				
144.4	6.2	78	78	29	29	99	45	56	15(42)	95	13	84	22				
		84	8	91	32(110)	30	30	77	77	7	83	33	91(249)				
150.9	5.7	79	79	28	28	101	44	56	13(42)	96	12	85	21				
		85	6	92	32(110)	29	29	78	78	6	84	32	92(249)				
157.5	5.5	80	80	26	26	104	43	57	11(43)	98	9	87	19				
		86	3	94	31(111)	27	27	80	80	3	85	32	95(248)				
164.0	5.1	81	81	26	26	105	42	57	9(43)	99	8	88	18				
		87	1	95	30(111)	26	26	80	80	1	86	31	95(248)				

HA= 96.5 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.7 8.0 8.8 8.9

 Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip] (Pos.[Degrees]) 0-360 Degr.																							
		1(0)				2(...)				3(90)				4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D				
32.8	19.0	52	52	62	62	46	63	53	66(59)	48	68	49	64	54	69	47	58(128)	64	64	50	50	69	54	58	47(232)
39.4	18.1	55	55	59	59	52	60	54	60(59)	53	62	52	60	56	63	51	57(128)	60	60	53	53	63	56	57	51(232)
45.9	16.5	57	57	56	56	56	57	55	56(59)	56	58	55	56	57	58	55	56(127)	58	58	55	55	58	57	56	55(232)
52.5	15.2	58	58	53	53	60	55	56	52(59)	60	54	58	53	58	53	58	54(128)	55	55	57	57	53	58	54	58(232)
59.1	13.9	60	60	51	51	63	53	57	49(59)	63	50	60	50	59	49	61	54(128)	52	52	59	59	49	59	54	61(232)
65.6	12.8	62	62	49	49	67	51	58	46(59)	65	47	62	48	65	47	62	48(90)	50	50	60	60	47	65	48	62(270)
72.2	11.5	62	62	48	48	62	62	48	48(0)	67	44	63	46	67	44	63	46(90)	49	49	61	61	44	67	46	63(270)
78.7	10.6	64	64	46	46	67	60	49	43(15)	70	41	65	43	70	41	65	43(90)	47	47	63	63	41	70	43	65(270)
85.3	9.7	65	65	44	44	71	58	50	40(22)	72	38	67	41	71	38	67	42(95)	45	45	64	64	37	71	43	68(264)
91.9	9.0	66	66	42	42	74	56	51	37(28)	74	36	69	39	72	34	70	41(99)	43	43	65	65	34	72	41	70(260)
98.4	8.4	67	67	41	41	77	55	51	34(31)	76	33	70	37	73	31	73	41(103)	42	42	67	67	31	73	41	73(256)
105.0	7.7	69	69	39	39	79	53	52	32(34)	78	31	72	35	74	28	75	40(105)	40	40	68	68	28	73	40	75(254)
111.5	7.1	69	69	38	38	82	52	53	30(36)	80	29	73	34	74	26	77	39(107)	39	39	69	69	25	74	40	77(252)
118.1	6.6	71	71	37	37	84	50	53	27(38)	82	26	75	32	75	23	78	38(108)	38	38	70	70	22	75	39	79(251)
124.7	6.2	72	72	35	35	87	49	54	25(39)	84	24	76	30	76	20	81	38(110)	36	36	71	71	20	76	38	81(249)
131.2	5.7	73	73	34	34	89	47	55	23(41)	86	22	77	29	77	17	82	37(111)	35	35	72	72	17	76	38	83(248)
137.8	5.3	74	74	33	33	91	46	55	21(42)	87	20	79	28	77	15	84	37(112)	34	34	73	73	15	77	37	84(247)
144.4	4.9	75	75	32	32	93	46	55	20(42)	89	19	80	26	78	13	86	37(113)	33	33	74	74	13	77	37	86(246)
150.9	4.6	76	76	31	31	95	46	55	17(41)	91	16	81	24	79	10	88	35(113)	31	31	75	75	10	79	36	88(246)
157.5	4.4	77	77	29	29	97	45	56	15(42)	93	14	83	23	83	8	89	33(110)	30	30	77	77	8	82	33	90(249)
164.0	4.0	78	78	29	29	99	44	56	14(42)	94	13	84	22	83	7	90	32(110)	29	29	77	77	7	83	32	90(249)

 HA=100.4 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.2 7.7 8.4 8.4

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 110.2 ft Length of jib = 82.0 ft
Main boom sequence = 0-0-0-45-90-90 % LK = 36
Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip] (Pos.[Degrees]) 0-360 Degr.																										
		1(0)				2(...)				3(90)				4(...)				5(180)				6(...)						
		A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D							
32.8	18.7	52	52	62	62	47	63	53	65	(59)	48	67	49	63	54	69	47	58	(128)	63	63	50	50	69	54	58	47	(232)
39.4	18.1	55	55	58	58	53	60	54	60	(59)	54	61	53	59	56	62	52	57	(128)	60	60	54	54	62	56	57	52	(232)
45.9	17.2	58	58	55	55	59	57	56	54	(59)	58	56	57	55	58	56	57	55	(127)	56	56	56	56	56	58	55	57	(232)
52.5	16.3	60	60	52	52	64	54	58	50	(59)	63	51	60	51	60	50	61	54	(128)	53	53	59	59	50	60	54	61	(232)
59.1	15.4	63	63	49	49	69	51	59	45	(59)	67	47	63	47	67	47	63	47	(90)	51	51	61	61	47	67	47	63	(270)
65.6	14.3	65	65	47	47	67	61	49	45	(13)	70	43	65	45	70	43	65	45	(90)	48	48	63	63	43	70	45	65	(270)
72.2	13.4	67	67	45	45	73	58	51	40	(24)	74	39	68	42	72	38	69	43	(96)	46	46	65	65	38	72	43	69	(263)
78.7	12.3	68	68	43	43	76	57	52	37	(29)	76	36	70	39	73	34	72	42	(101)	44	44	67	67	34	73	42	72	(258)
85.3	11.7	70	70	41	41	80	54	53	33	(34)	79	32	72	37	75	29	75	41	(105)	42	42	68	68	29	74	41	76	(254)
91.9	10.8	71	71	39	39	83	53	53	30	(36)	81	29	74	34	76	26	78	40	(107)	40	40	70	70	26	75	40	78	(252)
98.4	10.1	72	72	37	37	87	50	55	27	(39)	84	26	76	32	77	22	80	39	(109)	38	38	71	71	22	77	39	81	(250)
105.0	9.5	74	74	35	35	90	49	55	24	(40)	86	24	78	30	78	19	83	38	(111)	36	36	73	73	19	77	39	83	(248)
111.5	8.8	75	75	34	34	92	47	56	22	(42)	88	21	79	28	78	16	85	37	(112)	35	35	74	74	16	78	38	85	(247)
118.1	8.2	76	76	32	32	94	46	57	20	(43)	90	19	81	26	79	13	87	37	(113)	34	34	75	75	13	78	37	87	(246)
124.7	7.9	78	78	30	30	98	47	56	17	(41)	93	15	83	24	81	9	90	36	(114)	31	31	77	77	9	80	37	90	(245)
131.2	7.5	79	79	29	29	101	45	56	14	(42)	96	13	85	22	85	7	92	32	(110)	30	30	78	78	7	84	33	92	(249)
137.8	7.1	80	80	28	28	103	43	57	12	(43)	98	11	87	20	86	4	94	32	(111)	28	28	79	79	4	85	32	94	(248)
144.4	6.4	81	81	27	27	104	43	57	11	(43)	99	9	87	19	86	3	95	31	(111)	28	28	80	80	3	86	32	95	(248)
150.9	5.7	81	81	26	26	105	43	57	10	(43)	99	8	88	19	87	2	95	30	(111)	27	27	80	80	2	86	31	95	(248)
157.5	5.1	81	81	26	26	105	41	58	9	(44)	100	8	88	18	86	1	96	31	(112)	26	26	80	80	1	85	32	96	(247)
164.0	4.4	81	81	25	25	105	41	58	9	(44)	100	7	88	18	86	0	96	30	(112)	26	26	80	80	0	85	31	96	(247)
177.2	3.3	81	81	25	25	106	41	57	8	(44)	100	6	88	17	86	0	97	29	(112)	25	25	80	80	0	85	30	97	(247)

 HA=110.2 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 8.0 9.0 9.0

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 114.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D		A	B	C	D
39.4	17.6	55	55	58	58	52	60	54	60(59)	53	62	52	59
		56	62	52	57(128)	60	60	53	53	62	56	57	52(232)
45.9	16.5	57	57	55	55	57	57	56	55(59)	57	57	56	55
		57	57	56	55(127)	57	57	56	56	57	57	55	56(232)
52.5	15.4	60	60	52	52	62	54	57	51(59)	61	52	59	52
		59	51	60	54(128)	54	54	58	58	51	59	54	60(232)
59.1	14.1	61	61	50	50	65	52	58	47(59)	64	49	61	49
		60	47	63	53(128)	52	52	60	60	47	60	53	63(232)
65.6	13.0	63	63	48	48	69	50	59	44(59)	67	45	63	46
		67	45	63	46(90)	49	49	62	62	45	67	46	63(270)
72.2	12.1	64	64	46	46	68	60	49	43(16)	70	41	66	43
		70	41	66	43(90)	47	47	63	63	41	70	43	66(270)
78.7	11.0	65	65	44	44	71	58	50	40(23)	73	38	67	41
		71	38	68	42(95)	45	45	64	64	37	71	43	68(264)
85.3	10.1	67	67	43	43	75	56	51	37(28)	75	36	69	39
		73	34	71	41(100)	44	44	66	66	34	72	42	71(259)
91.9	9.5	68	68	41	41	78	54	52	34(33)	77	33	71	37
		74	30	74	41(104)	42	42	67	67	30	73	41	74(255)
98.4	8.8	70	70	39	39	81	53	53	31(35)	80	30	73	35
		75	27	76	40(106)	40	40	69	69	27	74	40	76(253)
105.0	8.4	71	71	37	37	85	50	54	28(38)	83	27	75	32
		76	23	79	39(109)	38	38	70	70	23	75	39	79(250)
111.5	7.7	72	72	36	36	87	49	54	25(39)	84	24	77	31
		77	20	81	38(110)	37	37	71	71	20	76	39	81(249)
118.1	7.1	73	73	35	35	90	48	55	23(41)	86	22	78	29
		77	18	83	38(111)	35	35	72	72	18	77	38	83(248)
124.7	6.6	75	75	33	33	92	47	56	21(42)	88	20	79	27
		78	15	85	37(112)	34	34	74	74	15	78	37	85(247)
131.2	6.4	76	76	31	31	95	47	55	18(41)	91	17	82	25
		80	11	88	36(113)	32	32	75	75	11	79	36	88(246)
137.8	6.0	77	77	30	30	97	46	55	16(41)	93	15	83	23
		84	9	89	33(109)	31	31	77	77	9	83	33	89(250)
144.4	5.5	78	78	29	29	99	45	56	14(42)	95	13	84	22
		84	7	91	32(110)	30	30	78	78	7	83	33	91(249)
150.9	5.1	79	79	28	28	101	43	57	12(43)	96	11	86	21
		84	5	92	32(111)	28	28	78	78	5	84	32	93(248)
157.5	4.9	80	80	26	26	104	43	57	10(43)	99	9	87	19
		86	2	95	30(111)	27	27	80	80	2	85	31	95(248)
164.0	4.2	80	80	26	26	104	42	57	9(43)	99	8	87	18
		86	2	95	30(111)	26	26	80	80	1	85	31	95(248)
177.2	3.1	80	80	25	25	104	42	56	9(43)	99	7	88	18
		86	0	95	30(111)	26	26	80	80	0	85	30	95(248)

 HA=114.5 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.7 7.9 8.8 8.8

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D	
39.4	17.2	55	55	58	58	52	60	54	60(59)	53	61	52	59	
		56	62	52	57(128)	60	60	53	53	62	56	57	52(232)	
45.9	16.5	58	58	55	55	58	56	56	54(59)	58	56	56	55	
		58	56	57	55(127)	56	56	56	56	56	58	55	57(232)	
52.5	15.9	61	61	52	52	64	53	58	49(59)	63	51	60	51	
		60	50	62	54(128)	53	53	59	59	50	60	54	62(232)	
59.1	15.0	63	63	49	49	69	51	59	45(59)	67	46	63	47	
		67	46	63	47(90)	50	50	62	62	46	67	47	63(270)	
65.6	14.3	65	65	46	46	70	60	50	43(18)	71	41	67	44	
		71	41	67	44(90)	47	47	64	64	41	71	44	67(269)	
72.2	13.4	67	67	44	44	75	58	51	38(27)	75	37	69	41	
		73	36	71	43(99)	45	45	66	66	36	73	43	71(260)	
78.7	12.6	69	69	41	41	79	55	52	35(32)	78	34	71	38	
		75	31	74	41(103)	43	43	68	68	31	74	41	74(256)	
85.3	11.9	71	71	39	39	83	53	54	31(36)	81	30	74	35	
		76	27	78	40(107)	40	40	70	70	27	75	41	78(252)	
91.9	11.0	72	72	37	37	86	51	54	28(38)	84	27	76	33	
		77	23	80	39(109)	39	39	71	71	23	76	40	80(250)	
98.4	10.6	74	74	35	35	91	49	56	24(41)	87	23	78	30	
		78	19	84	38(111)	36	36	73	73	19	78	39	84(248)	
105.0	9.9	76	76	34	34	94	47	56	21(42)	90	21	80	28	
		80	15	86	37(112)	34	34	75	75	15	79	38	86(247)	
111.5	9.3	77	77	32	32	96	47	56	19(41)	92	18	82	26	
		80	12	89	36(113)	33	33	76	76	12	80	37	89(246)	
118.1	8.8	79	79	30	30	99	46	57	16(42)	95	15	84	23	
		84	9	91	33(110)	31	31	78	78	9	84	34	91(249)	
124.7	8.2	80	80	29	29	101	45	56	13(42)	97	12	86	22	
		86	6	92	32(110)	30	30	79	79	6	85	33	93(249)	
131.2	7.5	80	80	27	27	103	44	57	12(43)	98	11	87	20	
		86	4	94	32(111)	28	28	80	80	4	85	32	94(248)	
137.8	6.6	81	81	27	27	104	43	57	11(43)	99	10	87	20	
		86	3	94	31(111)	28	28	80	80	3	86	32	95(248)	
144.4	5.7	80	80	27	27	104	43	57	11(43)	99	9	87	19	
		86	3	94	31(111)	27	27	80	80	3	85	32	95(248)	
150.9	5.1	81	81	26	26	104	43	57	10(43)	99	8	88	19	
		86	2	95	30(111)	27	27	80	80	2	86	31	95(248)	
157.5	4.4	81	81	26	26	105	42	57	9(43)	99	8	88	18	
		87	1	95	30(111)	26	26	80	80	1	86	31	95(248)	
164.0	3.7	81	81	25	25	105	41	57	9(44)	99	7	88	18	
		86	0	95	30(112)	26	26	80	80	0	85	31	96(247)	
177.2	2.6	81	81	25	25	105	41	57	8(44)	100	6	88	17	
		85	0	97	29(112)	25	25	80	80	0	84	30	97(247)	

 HA=124.3 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 8.0 9.0 9.0

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 130.9 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D	
39.4	16.3	54	54	58	58	51	60	54	60	(59)	52	62	52	59
		55	63	51	57(128)	60	60	52	52		63	55	57	51(232)
45.9	15.9	57	57	55	55	57	57	56	55	(59)	57	56	56	55
		57	56	56	55(127)	57	57	56	56		56	57	55	56(232)
52.5	15.0	60	60	52	52	62	54	57	50	(59)	62	52	59	51
		59	51	60	54(128)	54	54	58	58		51	59	54	60(232)
59.1	14.1	62	62	50	50	67	51	58	46	(59)	66	47	62	48
		66	47	62	48(90)	51	51	60	60		47	66	48	62(270)
65.6	13.0	63	63	47	47	65	62	49	46	(7)	69	43	64	45
		69	43	64	45(90)	49	49	62	62		43	69	45	64(270)
72.2	12.1	65	65	45	45	71	59	50	41	(21)	72	40	67	42
		71	39	67	43(93)	46	46	64	64		39	71	43	67(266)
78.7	11.5	67	67	43	43	75	56	51	37	(29)	75	36	69	39
		73	34	71	42(100)	44	44	66	66		34	73	42	71(259)
85.3	10.6	69	69	41	41	79	54	52	34	(33)	78	33	71	37
		74	30	74	41(104)	42	42	68	68		30	74	41	74(255)
91.9	9.7	70	70	39	39	82	53	53	31	(35)	80	30	73	35
		75	27	77	40(106)	40	40	69	69		27	75	40	77(253)
98.4	9.0	71	71	37	37	85	51	54	28	(38)	83	27	75	33
		76	23	79	39(108)	38	38	70	70		23	76	39	79(251)
105.0	8.6	73	73	35	35	89	49	55	24	(40)	86	24	77	30
		78	19	82	38(110)	36	36	72	72		19	77	38	82(249)
111.5	8.2	75	75	34	34	92	47	56	21	(42)	89	21	80	28
		78	16	85	37(112)	34	34	74	74		16	78	38	85(247)
118.1	7.7	76	76	32	32	95	48	55	19	(40)	91	18	82	26
		80	12	88	36(113)	33	33	75	75		12	79	37	88(246)
124.7	7.1	77	77	31	31	97	46	55	17	(41)	93	16	83	24
		80	10	90	36(114)	32	32	76	76		10	80	37	90(245)
131.2	6.6	78	78	29	29	100	45	56	14	(42)	95	13	84	22
		84	7	91	32(110)	30	30	78	78		7	84	33	91(249)
137.8	6.2	80	80	28	28	102	43	57	12	(43)	97	11	86	21
		85	5	93	32(111)	28	28	79	79		4	84	32	93(248)
144.4	5.7	81	81	26	26	104	43	57	10	(43)	99	9	88	19
		86	2	95	31(111)	27	27	80	80		2	86	31	95(248)
150.9	5.1	81	81	26	26	105	41	58	9	(44)	100	8	88	18
		86	1	96	31(112)	26	26	80	80		1	85	32	96(247)
157.5	4.2	80	80	26	26	104	42	57	9	(43)	99	8	87	18
		86	1	95	30(111)	26	26	80	80		1	86	31	95(248)
164.0	3.5	80	80	26	26	104	42	56	9	(43)	99	8	87	18
		86	1	95	30(111)	26	26	80	80		1	85	31	95(248)
177.2	2.4	80	80	25	25	105	41	57	8	(44)	99	7	88	17
		85	0	96	30(112)	25	25	80	80		0	84	30	96(247)

 HA=130.9 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 8.0 8.9 8.9

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(180)						
	A	B	C	D	A	B	C	D		A	B	C	D
45.9	16.1	58	58	54	54	59	56	56	54(59)	59	55	57	54
		58	55	57	55(127)	56	56	57	57	55	58	55	57(232)
52.5	15.4	61	61	51	51	65	53	58	49(59)	64	50	61	50
		60	49	62	54(128)	52	52	60	60	49	60	54	62(232)
59.1	14.8	64	64	48	48	64	63	49	48(3)	68	45	64	46
		68	45	64	46(90)	49	49	62	62	45	68	46	64(270)
65.6	14.1	66	66	45	45	72	59	51	41(22)	73	40	67	43
		72	39	68	43(94)	47	47	65	65	39	72	43	68(265)
72.2	13.4	69	69	43	43	77	56	52	36(30)	77	35	71	39
		74	33	73	42(102)	44	44	67	67	33	74	42	73(257)
78.7	12.8	71	71	40	40	82	54	54	32(35)	81	31	74	36
		76	28	77	41(106)	41	41	69	69	28	75	41	77(253)
85.3	12.1	73	73	37	37	87	52	55	28(38)	84	27	76	33
		77	23	81	39(109)	39	39	72	72	23	77	40	81(250)
91.9	11.5	75	75	35	35	91	49	56	24(41)	88	24	79	30
		79	19	84	38(111)	37	37	74	74	19	78	39	84(248)
98.4	10.8	77	77	33	33	95	47	57	21(42)	91	20	81	27
		80	15	87	38(113)	34	34	75	75	15	79	38	88(246)
105.0	10.1	78	78	31	31	98	47	56	18(41)	93	17	83	25
		81	11	90	37(114)	32	32	77	77	11	80	37	90(245)
111.5	9.7	80	80	29	29	101	46	57	14(42)	97	13	86	22
		86	7	92	33(110)	30	30	79	79	7	85	33	93(249)
118.1	8.8	81	81	28	28	103	44	58	12(43)	98	11	87	21
		86	5	94	32(111)	29	29	80	80	5	86	33	94(248)
124.7	7.7	81	81	28	28	104	44	57	12(43)	99	11	87	20
		86	4	94	32(111)	28	28	80	80	4	86	32	94(248)
131.2	6.8	81	81	27	27	104	43	57	11(43)	99	9	88	19
		87	3	95	31(111)	28	28	80	80	3	86	32	95(248)
137.8	6.0	81	81	26	26	105	43	57	10(43)	99	9	88	19
		87	2	95	31(111)	27	27	80	80	2	86	31	95(248)
144.4	5.1	81	81	26	26	105	43	57	9(43)	99	8	88	18
		87	2	95	30(111)	27	27	80	80	1	86	31	95(248)
150.9	4.2	80	80	26	26	104	42	57	9(43)	99	8	88	18
		86	1	95	30(111)	26	26	80	80	1	86	31	95(248)
157.5	3.5	81	81	25	25	105	41	57	9(44)	99	7	88	18
		86	0	95	30(112)	26	26	80	80	0	85	31	96(247)
164.0	2.9	81	81	25	25	105	41	57	8(44)	99	7	88	17
		86	0	95	30(112)	26	26	80	80	0	85	31	96(247)

 HA=138.1 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.7 8.0 8.9 8.9

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 145.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)					3(90)			
		4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D			
45.9	15.0	57	57	55	55	57	56	55	55(59)	57	56	56	55	
		57	56	56	55(127)	56	56	56	56	56	57	55	56(232)	
52.5	14.8	60	60	52	52	64	53	57	49(59)	63	50	60	50	
		59	49	61	54(128)	53	53	59	59	49	59	54	61(232)	
59.1	13.9	63	63	49	49	69	50	59	45(59)	67	46	63	47	
		67	46	63	47(90)	50	50	61	61	46	67	47	63(270)	
65.6	13.2	65	65	46	46	69	60	50	43(17)	71	41	66	43	
		71	41	66	43(90)	47	47	64	64	41	71	44	66(269)	
72.2	12.3	67	67	44	44	74	57	51	38(27)	75	37	69	40	
		73	36	70	42(98)	45	45	66	66	36	73	42	70(261)	
78.7	11.7	69	69	41	41	79	55	53	34(33)	78	33	72	37	
		74	31	74	41(104)	42	42	68	68	30	74	41	75(255)	
85.3	10.8	71	71	39	39	83	53	53	31(36)	81	30	74	35	
		75	27	77	40(107)	40	40	69	69	26	75	41	77(252)	
91.9	10.1	72	72	37	37	87	50	55	27(39)	84	26	76	32	
		77	22	80	39(109)	38	38	71	71	22	76	39	80(250)	
98.4	9.5	74	74	35	35	90	49	56	24(41)	87	23	78	30	
		78	19	83	38(111)	36	36	73	73	19	77	39	84(248)	
105.0	8.8	75	75	33	33	93	47	56	21(42)	89	21	80	28	
		79	15	86	37(112)	34	34	74	74	15	78	38	86(247)	
111.5	8.4	77	77	31	31	96	47	56	18(41)	92	17	82	25	
		80	11	89	37(114)	32	32	76	76	11	79	37	89(245)	
118.1	7.9	79	79	30	30	100	45	56	15(42)	95	14	85	23	
		84	8	91	33(110)	30	30	78	78	8	84	34	91(249)	
124.7	7.5	80	80	28	28	103	44	57	12(43)	98	11	87	21	
		86	5	94	32(111)	29	29	79	79	4	85	33	94(248)	
131.2	6.6	81	81	27	27	104	43	57	11(43)	99	10	87	20	
		86	3	94	31(111)	28	28	80	80	3	86	32	95(248)	
137.8	6.0	81	81	26	26	105	43	57	9(43)	100	8	88	18	
		87	1	96	30(111)	27	27	80	80	1	86	31	96(248)	
144.4	4.9	80	80	26	26	104	43	57	10(43)	99	9	87	19	
		86	2	95	30(111)	27	27	80	80	2	86	31	95(248)	
150.9	4.2	81	81	26	26	105	41	58	9(44)	99	7	88	18	
		86	1	95	31(112)	26	26	80	80	1	85	31	96(247)	
157.5	3.3	80	80	26	26	104	42	56	9(43)	99	8	87	18	
		86	1	95	30(111)	26	26	80	80	1	85	31	95(248)	
164.0	2.6	80	80	25	25	104	42	56	9(43)	99	7	87	18	
		86	1	95	30(111)	26	26	80	80	1	85	30	95(248)	

HA=145.0 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 8.0 8.9 8.9

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 152.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)				3(90)					
	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
45.9	15.0	58	58	54	54	59	56	56	54	(59)	58	55	56	54
		57	55	57	55(127)	56	56	56	56		55	57	55	57(232)
52.5	14.8	61	61	51	51	65	52	58	48	(59)	64	49	61	50
		60	48	62	53(128)	52	52	60	60		48	60	53	62(232)
59.1	14.1	64	64	48	48	65	63	49	47	(5)	69	44	64	46
		69	44	64	46(90)	49	49	62	62		44	69	46	64(270)
65.6	13.7	67	67	45	45	73	59	51	40	(24)	74	39	68	42
		72	38	69	43(96)	46	46	65	65		38	72	43	69(263)
72.2	13.0	69	69	42	42	78	56	53	35	(32)	78	34	71	38
		74	32	74	42(103)	43	43	68	68		32	74	42	74(256)
78.7	12.6	72	72	39	39	84	53	54	30	(37)	82	30	75	35
		77	26	78	40(107)	40	40	70	70		26	76	40	79(252)
85.3	11.9	74	74	37	37	89	50	56	26	(40)	86	26	78	32
		78	21	82	39(110)	38	38	73	73		21	78	39	82(249)
91.9	11.5	76	76	34	34	94	48	57	22	(42)	90	21	81	28
		80	16	86	38(112)	35	35	75	75		16	79	38	87(247)
98.4	10.8	78	78	32	32	97	48	56	18	(41)	93	18	83	25
		81	12	90	37(114)	33	33	77	77		12	80	38	90(245)
105.0	10.4	80	80	29	29	102	46	57	15	(42)	97	14	86	22
		86	8	93	33(110)	30	30	79	79		7	85	34	93(249)
111.5	9.3	81	81	28	28	103	44	58	13	(43)	98	12	87	21
		86	6	94	32(111)	29	29	80	80		6	85	33	94(248)
118.1	8.2	81	81	28	28	104	44	58	12	(43)	99	11	87	20
		86	4	94	32(111)	28	28	80	80		4	86	32	95(248)
124.7	7.1	81	81	27	27	104	43	57	11	(43)	99	10	88	20
		86	3	95	31(111)	28	28	80	80		3	86	32	95(248)
131.2	6.2	81	81	26	26	105	43	57	10	(43)	100	9	88	19
		87	2	95	31(111)	27	27	80	80		2	86	31	96(248)
137.8	5.1	81	81	26	26	104	43	57	10	(43)	99	9	88	19
		86	2	95	31(111)	27	27	80	80		2	86	31	95(248)
144.4	4.2	80	80	26	26	104	42	57	9	(43)	99	8	88	18
		86	2	95	30(111)	26	26	80	80		1	86	31	95(248)
150.9	3.5	81	81	25	25	105	41	57	8	(44)	99	7	88	17
		86	0	96	30(112)	26	26	80	80		0	85	31	96(247)
157.5	2.6	80	80	25	25	104	42	56	9	(43)	99	7	87	18
		86	1	95	30(111)	26	26	80	80		0	85	30	95(248)

HA=152.2 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 8.0 8.9 8.9

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 161.4 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-100-100-100-100 % LK = 63

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)				3(90)					
	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
52.5	13.0	59	59	52	52	62	53	56	50	(59)	61	51	58	51
		58	50	60	54(128)	53	53	58	58		50	58	54	60(232)

59.1	13.0	62	62	49	49	69	50	58	45(59)	67	45	63	47
		67	45	63	47(90)	50	50	61	61	45	67	47	63(270)
65.6	12.6	65	65	45	45	70	60	50	42(19)	71	40	67	43
		71	40	67	43(92)	47	47	64	64	40	71	43	67(267)
72.2	12.1	68	68	43	43	76	56	52	37(29)	76	36	70	39
		73	34	72	42(101)	44	44	67	67	34	73	42	72(258)
78.7	11.5	70	70	40	40	81	54	53	32(35)	80	32	73	36
		75	29	76	40(105)	41	41	69	69	28	75	41	76(254)
85.3	10.8	72	72	38	38	86	51	54	28(38)	83	28	76	33
		77	24	80	40(109)	39	39	71	71	24	76	40	80(250)
91.9	10.4	74	74	35	35	91	49	56	24(41)	87	23	78	30
		78	19	84	38(111)	36	36	73	73	19	78	39	84(248)
98.4	9.7	76	76	33	33	94	47	56	21(42)	90	20	81	27
		79	15	87	37(113)	34	34	75	75	15	79	38	87(246)
105.0	9.0	78	78	31	31	97	47	56	18(41)	93	17	83	25
		80	11	90	37(114)	32	32	77	77	11	80	37	90(245)
111.5	8.4	79	79	30	30	100	45	56	15(42)	95	14	85	23
		85	8	91	33(110)	30	30	78	78	8	84	34	91(249)
118.1	7.9	81	81	28	28	104	44	57	12(43)	99	11	87	20
		86	4	94	32(111)	28	28	80	80	4	86	32	95(248)
124.7	6.8	81	81	27	27	104	43	57	11(43)	99	10	87	20
		86	3	95	31(111)	28	28	80	80	3	86	32	95(248)
131.2	6.0	81	81	26	26	105	43	57	10(43)	99	9	88	19
		87	2	95	31(111)	27	27	80	80	2	86	31	95(248)
137.8	5.1	81	81	26	26	105	41	58	9(44)	100	8	88	18
		86	1	96	31(112)	26	26	80	80	1	86	32	96(247)
144.4	4.0	80	80	26	26	104	42	57	10(43)	99	8	87	18
		86	2	95	30(111)	26	26	80	80	1	85	31	95(248)
150.9	3.3	81	81	25	25	105	41	57	9(44)	99	7	88	18
		86	0	95	30(112)	26	26	80	80	0	85	31	96(247)
157.5	2.4	80	80	25	25	104	42	56	9(43)	99	7	87	18
		86	1	95	30(111)	26	26	80	80	1	85	30	95(248)

 HA=161.4 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 8.0 8.9 8.9

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)	2(...)	3(90)		4(...)	5(180)	6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	14.1	61	61	50	50	66	52	58	47(59)	65	48	61	49
		60	47	63	53(128)	52	52	60	60	47	60	53	63(232)
59.1	13.9	65	65	47	47	67	61	49	45(13)	70	43	65	44
		70	43	65	44(90)	48	48	63	63	43	70	44	65(270)
65.6	13.4	67	67	43	43	75	57	52	38(28)	75	37	69	40
		73	35	71	42(99)	45	45	66	66	35	73	43	71(260)
72.2	12.8	70	70	41	41	81	54	53	33(34)	80	32	73	37
		75	30	76	41(105)	42	42	69	69	29	75	41	76(254)
78.7	12.3	73	73	38	38	87	52	55	28(38)	84	28	76	33
		77	24	81	40(109)	39	39	72	72	23	77	40	81(250)

85.3	11.9	75	75	35	35	92	49	56	23(41)	89	23	80	29
		79	18	85	39(112)	36	36	74	74	18	78	39	85(247)
91.9	11.5	78	78	32	32	97	48	56	19(41)	93	18	83	26
		81	12	90	37(114)	33	33	77	77	12	80	38	90(245)
98.4	11.0	80	80	30	30	102	46	57	15(42)	97	14	86	22
		86	8	93	33(110)	31	31	79	79	8	86	34	93(249)
105.0	9.7	81	81	28	28	103	45	58	13(43)	98	12	87	21
		86	6	94	33(111)	30	30	80	80	6	86	33	94(248)
111.5	8.4	81	81	28	28	104	44	58	12(43)	99	11	87	21
		86	5	94	32(111)	29	29	80	80	4	86	33	94(248)
118.1	7.1	80	80	27	27	103	43	57	11(43)	98	10	87	20
		86	4	94	32(111)	28	28	80	80	4	85	32	94(248)
124.7	6.0	80	80	27	27	104	43	57	11(43)	99	9	87	19
		86	3	94	31(111)	28	28	80	80	3	85	32	95(248)
131.2	5.1	81	81	26	26	104	43	57	10(43)	99	8	88	19
		86	2	95	30(111)	27	27	80	80	2	86	31	95(248)
137.8	4.2	81	81	26	26	105	41	58	9(44)	100	7	88	18
		86	1	96	31(112)	26	26	80	80	0	85	31	96(247)
144.4	3.3	81	81	25	25	105	41	57	8(44)	99	7	88	17
		86	0	96	30(112)	26	26	80	80	0	85	31	96(247)
150.9	2.4	80	80	25	25	105	41	57	8(44)	99	7	88	17
		86	0	95	30(112)	26	26	80	80	0	85	31	96(247)

 HA=166.0 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 8.0 8.9 8.9

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 175.5 ft Length of jib = 82.0 ft

Main boom sequence = 0-45-100-100-100-100 % LK = 69

Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B		C		D		
52.5	12.1	59	59	51	51	62	53	56	50(59)	61	50	59	50
		58	50	60	53(128)	53	53	58	58	50	58	53	60(232)
59.1	12.1	62	62	48	48	69	50	58	44(59)	67	45	63	46
		67	45	63	46(90)	49	49	61	61	45	67	46	63(270)
65.6	12.1	66	66	45	45	72	58	50	40(23)	73	39	67	42
		72	38	68	43(95)	46	46	65	65	38	71	43	68(264)
72.2	11.7	69	69	42	42	78	56	52	35(31)	77	34	71	38
		74	32	73	41(103)	43	43	67	67	32	74	42	74(256)
78.7	11.2	71	71	39	39	84	52	54	30(37)	82	29	74	34
		76	26	78	40(107)	40	40	70	70	26	76	40	78(252)
85.3	10.8	74	74	36	36	89	50	55	25(40)	86	25	78	31
		78	21	82	39(110)	37	37	73	73	20	78	39	83(249)
91.9	10.4	76	76	34	34	94	47	57	21(42)	90	21	81	28
		80	15	87	37(112)	35	35	75	75	15	79	38	87(247)
98.4	9.9	78	78	31	31	98	47	56	17(41)	94	16	84	24
		81	10	91	36(114)	32	32	77	77	10	81	37	91(245)
105.0	9.3	80	80	29	29	102	45	57	14(42)	97	13	86	22
		86	7	93	32(110)	30	30	79	79	7	85	33	93(249)
111.5	7.9	80	80	28	28	103	44	57	13(43)	97	12	86	21
		86	6	93	32(111)	29	29	79	79	5	85	33	93(248)

118.1	6.6	80	80	28	28	102	44	57	12(43)	97	11	86	21
	85	5	93	32(111)		29	29	79	79	5	85	33	93(248)
124.7	5.7	80	80	27	27	103	43	57	11(43)	98	10	87	19
	86	3	94	31(111)		28	28	80	80	3	85	32	94(248)
131.2	4.6	80	80	27	27	103	43	57	11(43)	98	9	87	19
	86	3	94	31(111)		27	27	79	79	3	85	32	94(248)
137.8	3.7	80	80	26	26	104	42	57	10(43)	98	9	87	19
	86	2	94	30(111)		27	27	80	80	2	85	31	95(248)
144.4	3.1	81	81	25	25	105	41	57	9(44)	99	7	88	18
	86	0	95	30(112)		26	26	80	80	0	85	31	96(247)
150.9	2.2	80	80	25	25	104	42	56	9(43)	99	7	87	17
	86	0	95	30(111)		26	26	80	80	0	85	30	95(248)

 HA=175.5 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.7 7.9 8.9 8.9

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 82.0 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
59.1	12.8	64	64	47	47	67	61	49	45(13)	70	42	65	44
		70	42	65	44(90)	48	48	63	63	42	70	44	65(270)
65.6	12.8	68	68	43	43	76	57	52	37(29)	76	36	70	40
		73	34	72	42(100)	44	44	67	67	34	73	42	72(259)
72.2	12.3	71	71	40	40	82	54	53	32(35)	81	31	74	36
		76	28	77	41(106)	41	41	69	69	28	75	41	77(253)
78.7	11.9	73	73	37	37	88	51	55	26(39)	86	26	77	32
		78	22	82	39(110)	38	38	72	72	22	77	40	82(249)
85.3	11.7	77	77	34	34	95	48	57	21(42)	91	21	81	28
		80	15	87	38(113)	35	35	75	75	15	79	39	87(246)
91.9	11.2	79	79	31	31	100	47	57	17(42)	95	16	85	24
		82	10	92	36(114)	32	32	78	78	10	82	37	92(245)
98.4	9.7	79	79	30	30	101	46	57	15(42)	96	14	85	23
		85	9	91	33(110)	31	31	78	78	8	84	34	92(249)
105.0	8.2	79	79	29	29	101	45	56	15(42)	96	13	85	22
		85	7	92	33(110)	30	30	78	78	7	84	33	92(249)
111.5	6.8	79	79	28	28	101	45	56	14(42)	96	12	85	22
		85	6	92	32(110)	29	29	78	78	6	84	33	92(249)
118.1	5.7	79	79	28	28	102	43	57	12(43)	97	11	86	21
		85	5	93	32(111)	29	29	79	79	5	84	33	93(248)
124.7	4.6	79	79	27	27	102	43	57	12(43)	97	11	86	20
		85	4	93	32(111)	28	28	79	79	4	84	32	93(248)
131.2	3.7	80	80	27	27	103	43	56	11(43)	97	9	86	19
		85	3	93	31(111)	27	27	79	79	3	84	32	94(248)
137.8	2.9	80	80	26	26	103	42	56	10(43)	98	9	86	19
		85	2	94	30(111)	27	27	79	79	2	85	31	94(248)

 HA=180.1 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.7 8.7

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 191.9 ft Length of jib = 82.0 ft
 Main boom sequence = 0-100-100-100-100-100 % LK = 74
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.						
	1(0)				2(...)					3(90)					
	4(...)				5(180)					6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D			
59.1	10.6	62	62	48	48	67	50	58	44	59	66	45	62	47	
		66	45	62	47	49	49	60	60	45	66	47	62	270	
65.6	10.6	65	65	45	45	70	59	50	41	21	71	39	67	42	
		71	39	67	43	46	46	64	64	39	71	43	67	266	
72.2	10.6	68	68	41	41	78	55	52	35	32	77	34	71	38	
		74	31	73	41	43	43	67	67	31	73	41	73	256	
78.7	10.4	71	71	38	38	84	52	54	29	37	82	29	75	34	
		76	25	78	40	39	39	70	70	25	75	40	79	251	
85.3	10.4	75	75	35	35	91	49	56	24	41	88	23	79	30	
		79	18	84	38	36	36	73	73	18	78	39	84	248	
91.9	10.1	78	78	32	32	97	48	56	19	41	93	18	83	26	
		81	12	89	37	33	33	77	77	12	80	37	89	246	
98.4	9.0	78	78	30	30	99	46	57	16	42	95	15	84	24	
		82	9	91	36	31	31	78	78	9	81	37	91	245	
105.0	7.7	79	79	29	29	100	45	56	15	42	95	14	85	22	
		85	8	91	33	30	30	78	78	8	84	33	91	249	
111.5	6.4	79	79	29	29	100	45	56	14	42	96	13	85	22	
		85	7	91	32	30	30	78	78	7	84	33	92	249	
118.1	5.3	79	79	28	28	101	44	56	13	42	96	12	85	21	
		85	6	92	32	29	29	78	78	6	84	32	92	249	
124.7	4.2	79	79	28	28	101	43	56	12	43	96	11	85	21	
		84	5	92	32	28	28	78	78	5	84	32	93	248	
131.2	3.3	79	79	27	27	102	43	56	11	43	97	10	86	20	
		85	4	93	31	28	28	78	78	3	84	32	93	248	
137.8	2.4	79	79	26	26	102	42	56	11	43	97	9	86	19	
		85	3	93	31	27	27	79	79	3	84	31	93	248	

HA=191.9 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.5 7.8 8.6 8.7

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 193.9 ft Length of jib = 82.0 ft
 Main boom sequence = 45-90-90-90-90-90 % LK = 76
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.						
	1(0)				2(...)					3(90)					
	4(...)				5(180)					6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D			
59.1	11.5	64	64	46	46	67	61	49	44	13	69	42	65	44	
		69	42	65	44	47	47	63	63	42	69	44	65	270	
65.6	11.5	67	67	43	43	76	56	52	37	29	75	36	69	39	
		73	34	71	42	44	44	66	66	34	73	42	71	259	
72.2	11.5	71	71	39	39	83	53	54	30	36	81	30	74	35	
		76	26	78	40	40	40	70	70	26	75	41	78	252	
78.7	11.2	74	74	36	36	90	50	56	25	40	87	24	78	31	
		78	20	83	39	37	37	73	73	20	78	39	84	248	

85.3	11.0	77	77	33	33	97	47	58	19(43)	92	19	82	26
		81	13	89	37(113)	34	34	76	76	13	80	38	89(246)
91.9	9.5	78	78	31	31	97	47	56	18(41)	93	17	83	25
		81	11	90	37(114)	32	32	77	77	11	80	37	90(245)
98.4	7.9	78	78	30	30	98	47	56	16(41)	94	15	84	24
		81	9	91	36(114)	31	31	77	77	9	80	36	91(245)
105.0	6.6	78	78	29	29	99	45	56	15(42)	95	14	84	23
		84	8	91	33(110)	30	30	77	77	8	83	33	91(249)
111.5	5.3	78	78	29	29	99	45	56	14(42)	95	13	84	22
		84	7	91	32(110)	30	30	77	77	7	83	33	91(249)
118.1	4.2	78	78	28	28	100	44	56	13(42)	95	12	85	21
		84	6	91	32(110)	29	29	78	78	6	84	32	91(249)
124.7	3.1	78	78	28	28	100	44	56	13(42)	95	11	85	21
		84	5	91	31(110)	28	28	78	78	5	84	32	91(249)

 HA=193.9 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.3 7.8 8.5 8.5

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 205.7 ft Length of jib = 82.0 ft
 Main boom sequence = 45-100-100-100-100-100 % LK = 77
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
65.6	9.3	64	64	45	45	69	58	49	41(20)	71	39	66	42
		70	39	67	43(93)	46	46	63	63	39	70	43	67(266)
72.2	9.3	68	68	41	41	77	55	52	35(31)	77	34	70	38
		73	31	73	41(103)	42	42	67	67	31	73	41	73(256)
78.7	9.3	71	71	38	38	84	52	54	29(37)	82	28	75	33
		76	24	79	39(108)	39	39	70	70	24	75	40	79(251)
85.3	9.3	75	75	35	35	91	48	56	23(41)	88	22	79	29
		79	18	84	38(111)	35	35	73	73	17	78	38	84(248)
91.9	9.0	77	77	32	32	97	47	56	18(41)	93	17	83	25
		80	11	89	37(114)	33	33	77	77	11	80	37	90(245)
98.4	7.5	78	78	31	31	97	47	56	17(41)	93	16	83	24
		80	10	90	36(114)	32	32	77	77	10	80	37	90(245)
105.0	6.0	77	77	30	30	97	46	55	16(41)	93	15	83	24
		80	9	90	35(114)	31	31	77	77	9	80	36	90(245)
111.5	4.9	78	78	29	29	99	45	56	15(42)	94	14	84	22
		83	8	90	32(110)	30	30	77	77	8	83	33	90(249)
118.1	3.7	78	78	28	28	99	44	56	14(42)	94	13	84	22
		84	7	90	32(110)	29	29	77	77	6	83	32	91(249)
124.7	2.6	78	78	28	28	99	44	55	13(42)	94	12	84	21
		84	6	91	31(110)	29	29	77	77	6	83	32	91(249)

 HA=205.7 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.2 7.7 8.4 8.4

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 208.0 ft Length of jib = 82.0 ft
 Main boom sequence = 90-90-90-90-90-90 % LK = 78
 Counterweight = 75.8 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)						
		4(...)		5(180)				6(...)						
A	B	C	D	A	B	C	D	A	B	C	D			
65.6	9.9	67	67	43	43	74	56	51	37	(28)	74	36	69	40
		72	35	70	42	(99)	44	44	65	65	34	72	42	71(260)
72.2	9.9	70	70	39	39	82	53	53	31	(35)	80	30	73	35
		75	27	77	40	(106)	40	40	69	69	27	75	40	77(253)
78.7	9.9	74	74	36	36	89	49	55	25	(40)	86	24	78	31
		78	20	83	38	(110)	37	37	73	73	20	78	39	83(249)
85.3	9.7	77	77	32	32	96	46	57	19	(43)	91	19	82	26
		80	13	88	37	(113)	34	34	76	76	13	80	38	88(246)
91.9	7.9	77	77	32	32	96	47	56	18	(41)	92	17	82	25
		80	12	88	36	(113)	32	32	76	76	12	80	37	89(246)
98.4	6.4	77	77	31	31	96	46	55	17	(41)	92	16	82	24
		80	10	89	36	(114)	32	32	76	76	10	79	37	89(245)
105.0	5.1	77	77	30	30	97	46	55	16	(41)	93	15	83	23
		83	9	89	32	(109)	31	31	77	77	9	83	33	89(250)
111.5	3.7	77	77	29	29	97	45	56	15	(42)	93	14	83	23
		83	8	89	32	(110)	30	30	76	76	8	82	33	90(249)
118.1	2.6	77	77	29	29	98	44	55	14	(42)	93	13	83	22
		83	7	90	32	(110)	29	29	77	77	7	82	32	90(249)

HA=208.0 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.1 7.7 8.3 8.4

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 219.8 ft Length of jib = 82.0 ft
Main boom sequence = 90-100-100-100-100-100 % LK = 80
Counterweight = 75.8 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)						
		4(...)		5(180)				6(...)						
A	B	C	D	A	B	C	D	A	B	C	D			
65.6	7.9	64	64	45	45	68	58	49	41	(19)	70	39	65	42
		70	39	66	42	(92)	45	45	63	63	39	70	43	66(267)
72.2	7.9	67	67	41	41	76	55	51	35	(31)	76	34	70	38
		73	32	72	41	(102)	42	42	66	66	31	72	41	72(257)
78.7	7.9	71	71	38	38	83	51	53	29	(37)	81	28	74	34
		75	24	78	39	(108)	39	39	70	70	24	75	40	78(251)
85.3	7.9	74	74	35	35	90	48	55	23	(41)	87	22	78	29
		78	18	84	38	(111)	35	35	73	73	18	77	38	84(248)
91.9	7.5	76	76	32	32	95	48	55	19	(40)	91	18	81	26
		80	13	88	37	(113)	33	33	75	75	12	79	37	88(246)
98.4	6.0	76	76	31	31	95	46	55	18	(41)	91	17	82	25
		80	11	88	36	(113)	32	32	76	76	11	79	36	88(246)
105.0	4.6	77	77	30	30	96	46	55	17	(41)	92	15	82	24
		79	9	89	36	(114)	31	31	76	76	9	79	36	89(245)
111.5	3.3	77	77	30	30	96	45	55	16	(41)	92	15	82	23
		82	9	88	32	(109)	30	30	76	76	9	82	33	88(250)
118.1	2.2	77	77	29	29	97	45	54	15	(41)	92	14	82	22
		83	8	88	32	(109)	30	30	76	76	8	82	32	89(250)

HA=219.8 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.0 7.6 8.3 8.3

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

14.10.2003, 15:45:01

Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137612_tab.txt

H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer KS

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-----
Outrigger width = 18.7 ft      Outrigger length = 27.7 ft
Outrigger "A"  X = 12.0 ft    Outrigger "A"  Y =  9.4 ft
Outrigger "B"  X = 12.0 ft    Outrigger "B"  Y = -9.4 ft
Outrigger "C"  X = -15.7 ft   Outrigger "C"  Y =  9.4 ft
Outrigger "D"  X = -15.7 ft   Outrigger "D"  Y = -9.4 ft
-----

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Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 40.7 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-0-0 % LK = 1

Counterweight = 75.8 kip

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-----
Radius Cap.      Outrigger Loadin[kip]      (Pos.[Degrees])      0-360 Degr.
[ft] [kip]      1( 0)      2(...)      3( 90)
                4(...)      5(180)      6(...)
                A B C D      A B C D      A B C D
39.4 17.2 50 50 63 63      43 64 51 67( 59) 45 69 46 65
                52 71 44 58(128) 64 64 48 48      71 52 58 44(232)
45.9 15.4 51 51 60 60      46 62 52 64( 59) 48 65 49 62
                53 67 47 57(128) 62 62 50 50      67 53 57 47(232)
52.5 14.3 53 53 58 58      50 59 53 60( 59) 51 61 51 59
                54 62 50 56(128) 59 59 52 52      62 54 56 50(232)
59.1 13.0 55 55 56 56      54 57 54 57( 59) 54 58 53 56
                55 58 53 55(127) 57 57 54 54      58 55 55 53(232)
65.6 12.1 57 57 54 54      57 55 55 53( 59) 57 54 56 53
                56 54 56 54(127) 55 55 55 55      54 56 54 56(232)
72.2 11.2 58 58 52 52      61 53 56 50( 59) 60 51 58 51
                57 50 59 53(128) 53 53 57 57      50 57 53 59(232)
78.7 10.4 60 60 50 50      64 51 57 47( 59) 62 48 60 49
                58 47 61 52(128) 51 51 58 58      47 58 52 61(232)
85.3  9.9  62 62 48 48      68 49 58 44( 59) 66 44 62 46
                66 44 62 46( 90) 49 49 60 60      44 66 46 62(270)
91.9  9.3  63 63 46 46      66 60 48 44( 12) 69 41 64 43
                69 41 64 43( 90) 47 47 62 62      41 69 43 64(270)
98.4  8.8  65 65 44 44      71 57 50 39( 23) 72 38 67 41
                71 37 67 42( 95) 45 45 64 64      37 71 42 68(264)
105.0 8.4  67 67 42 42      75 55 51 36( 29) 75 34 69 38
                72 33 71 41(101) 43 43 66 66      32 72 41 71(258)
-----

```

HA= 40.7 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.0 6.7 6.6 6.6

 Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)				3(90)							
		4(...)				5(180)				6(...)							
A	B	C	D	A	B	C	D	A	B	C	D						
39.4	17.2	50	50	63	63	43	64	51	67(59)	45	69	46	65				
		52	71	44	58(128)	64	64	48	48	71	52	58	44(232)				
45.9	15.9	52	52	60	60	47	61	52	63(59)	49	65	49	62				
		53	66	47	57(128)	62	62	50	50	66	53	57	47(232)				
52.5	14.6	54	54	58	58	51	59	53	60(59)	52	61	52	59				
		54	62	50	56(128)	59	59	52	52	62	54	56	50(232)				
59.1	13.7	56	56	55	55	55	57	55	56(59)	55	57	54	56				
		56	57	54	55(127)	57	57	54	54	57	56	55	54(232)				
65.6	12.6	57	57	53	53	58	55	55	52(59)	58	54	56	53				
		57	53	57	54(127)	54	54	56	56	53	57	54	57(232)				
72.2	11.7	59	59	51	51	62	53	56	49(59)	61	50	58	50				
		58	49	60	53(128)	52	52	58	58	49	58	53	60(232)				
78.7	11.0	61	61	49	49	65	51	57	46(59)	64	47	61	48				
		59	45	63	52(128)	50	50	59	59	45	59	52	63(232)				
85.3	10.4	62	62	47	47	62	62	47	47(1)	67	43	63	45				
		67	43	63	45(90)	48	48	61	61	43	67	45	63(270)				
91.9	9.7	64	64	45	45	67	59	49	43(16)	69	41	65	43				
		69	41	65	43(90)	46	46	63	63	41	69	43	65(270)				
98.4	9.0	65	65	44	44	71	58	50	39(23)	72	38	67	41				
		71	37	68	42(95)	45	45	64	64	37	71	42	68(264)				
105.0	8.6	67	67	42	42	75	55	51	36(29)	75	35	69	38				
		72	33	71	41(101)	43	43	66	66	32	72	41	71(258)				
111.5	8.2	68	68	40	40	79	54	52	32(33)	78	32	71	36				
		74	29	74	40(104)	41	41	67	67	29	73	40	74(255)				
118.1	7.7	70	70	38	38	82	52	53	29(36)	80	28	73	34				
		75	25	77	39(107)	39	39	69	69	25	74	39	77(252)				

 HA= 54.5 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.6 6.9 7.1 7.2

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)				3(90)							
		4(...)				5(180)				6(...)							
A	B	C	D	A	B	C	D	A	B	C	D						
45.9	15.7	52	52	60	60	47	62	52	63(59)	48	65	49	62				
		53	67	47	57(128)	62	62	50	50	67	53	57	47(232)				
52.5	14.6	54	54	58	58	51	59	53	60(59)	52	61	52	59				
		54	62	50	56(128)	59	59	52	52	62	54	56	50(232)				
59.1	13.4	55	55	56	56	55	57	54	56(59)	55	57	54	56				
		56	58	54	55(127)	57	57	54	54	58	56	55	54(232)				

65.6	12.3	57	57	54	54	58	55	55	53(59)	58	54	56	53
		57	54	56	54(127)	55	55	56	56	54	56	54	56(232)
72.2	11.0	58	58	52	52	60	53	56	51(59)	59	52	57	51
		57	51	58	53(128)	53	53	57	57	51	57	53	58(232)
78.7	10.1	59	59	50	50	63	52	56	48(59)	62	49	59	49
		58	48	60	53(128)	51	51	58	58	48	58	53	60(232)
85.3	9.5	60	60	49	49	66	50	57	45(59)	64	46	61	47
		64	46	61	47(90)	49	49	60	60	46	64	47	61(270)
91.9	8.6	62	62	47	47	68	49	58	43(59)	66	43	62	45
		66	43	62	45(90)	48	48	60	60	43	66	45	62(270)
98.4	7.9	63	63	45	45	65	60	48	43(12)	68	41	64	43
		68	41	64	43(90)	47	47	62	62	41	68	43	64(270)
105.0	7.5	64	64	44	44	69	57	49	40(22)	71	38	66	41
		70	37	67	42(94)	45	45	63	63	37	70	42	67(265)
111.5	7.1	65	65	42	42	73	56	50	37(27)	73	35	68	39
		71	34	69	41(99)	43	43	65	65	34	71	41	70(260)
118.1	6.4	66	66	41	41	75	54	50	35(30)	75	34	69	37
		72	32	71	40(101)	42	42	65	65	31	72	40	71(258)
124.7	6.2	68	68	39	39	79	52	52	31(34)	78	30	71	35
		73	27	74	39(105)	40	40	67	67	27	73	40	75(254)
131.2	5.7	69	69	38	38	82	51	52	29(36)	80	28	73	33
		74	24	77	39(107)	38	38	69	69	24	74	39	77(252)

HA= 68.6 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.6 6.9 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 70.2 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-0-100 % LK = 14

Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
45.9	14.8	51	51	61	61	45	62	52	64(59)	47	66	48	63
		52	68	46	57(128)	62	62	49	49	68	52	57	46(232)
52.5	13.2	52	52	59	59	48	60	52	61(59)	49	63	50	60
		53	64	48	56(128)	60	60	51	51	64	53	56	48(232)
59.1	11.9	53	53	57	57	51	58	53	58(59)	52	60	51	58
		54	60	51	55(128)	58	58	52	52	60	54	55	51(232)
65.6	10.8	55	55	55	55	54	56	54	56(59)	54	57	53	55
		55	57	53	55(127)	56	56	54	54	57	55	54	53(232)
72.2	9.7	56	56	53	53	56	54	54	53(59)	56	54	55	53
		56	54	55	54(127)	54	54	55	55	54	55	54	55(232)
78.7	8.8	57	57	52	52	59	53	55	51(59)	58	52	56	51
		56	51	57	53(128)	53	53	56	56	51	56	53	57(232)
85.3	8.2	58	58	50	50	62	51	56	48(59)	60	49	58	49
		57	48	59	52(128)	51	51	57	57	48	57	52	59(232)
91.9	7.5	59	59	49	49	64	50	56	46(59)	63	46	60	47
		58	45	62	52(128)	50	50	58	58	45	58	52	62(232)
98.4	6.8	60	60	47	47	66	49	57	43(59)	65	44	61	46
		65	44	61	46(90)	48	48	60	60	44	65	46	61(270)
105.0	6.4	62	62	46	46	63	60	47	44(8)	67	41	63	43
		67	41	63	43(90)	47	47	61	61	41	67	43	63(270)

111.5	6.0	63	63	44	44	67	58	48	41(18)	69	39	65	42
		69	39	65	42(91)	45	45	62	62	38	69	42	65(268)
118.1	5.5	64	64	43	43	70	56	49	38(24)	71	36	66	40
		70	35	67	41(96)	43	43	63	63	35	70	41	67(263)
124.7	5.1	65	65	41	41	73	55	50	36(28)	73	34	68	38
		71	32	70	40(100)	42	42	65	65	32	71	41	70(259)
131.2	4.9	67	67	39	39	77	53	51	32(33)	76	31	70	36
		72	29	73	39(104)	40	40	66	66	28	72	40	73(255)
137.8	4.4	68	68	38	38	79	51	52	30(35)	78	29	71	34
		73	26	75	39(106)	39	39	67	67	26	73	39	75(253)

HA= 70.2 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.4 6.7 6.9 7.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 82.3 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-45-90 % LK = 20

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
45.9	15.7	52	52	60	60	47	61	52	63(59)	49	65	49	62
		53	66	47	57(128)	62	62	50	50	66	53	57	47(232)
52.5	14.8	54	54	57	57	52	59	54	59(59)	53	60	52	58
		55	61	51	56(128)	59	59	53	53	61	55	56	51(232)
59.1	13.7	56	56	55	55	56	56	55	55(59)	56	56	55	55
		56	56	55	55(127)	56	56	55	55	56	56	55	55(232)
65.6	12.8	58	58	53	53	60	54	56	52(59)	59	53	57	52
		57	52	58	54(128)	54	54	57	57	52	57	54	58(232)
72.2	11.7	59	59	51	51	63	52	56	49(59)	62	50	59	50
		58	49	60	53(128)	52	52	58	58	49	58	53	60(232)
78.7	10.8	61	61	49	49	66	50	57	46(59)	64	47	61	48
		59	45	63	52(128)	50	50	60	60	45	59	52	63(232)
85.3	9.9	62	62	47	47	68	49	58	43(59)	66	44	63	45
		66	44	63	45(90)	49	49	61	61	44	66	45	63(270)
91.9	9.3	63	63	46	46	66	60	49	43(14)	69	41	65	43
		69	41	65	43(90)	47	47	62	62	41	69	43	65(270)
98.4	8.6	65	65	44	44	70	58	49	40(22)	71	38	66	41
		71	38	67	42(94)	45	45	63	63	37	70	42	67(265)
105.0	7.9	66	66	43	43	73	56	50	37(27)	73	36	68	39
		71	34	69	41(99)	43	43	65	65	34	71	41	70(260)
111.5	7.5	67	67	41	41	77	54	51	34(31)	76	33	70	37
		73	31	72	41(103)	42	42	66	66	30	72	41	73(256)
118.1	7.1	69	69	39	39	80	53	52	31(34)	78	30	72	35
		74	27	75	39(105)	40	40	68	68	27	73	40	75(254)
124.7	6.6	70	70	37	37	83	51	53	29(37)	81	28	73	33
		75	24	77	39(107)	38	38	69	69	24	75	39	77(252)
131.2	6.2	71	71	36	36	85	49	54	26(39)	83	25	75	31
		76	21	79	38(109)	37	37	70	70	21	75	39	80(250)
137.8	6.0	73	73	34	34	89	47	55	23(41)	86	22	77	29
		77	17	82	37(111)	35	35	72	72	17	76	38	83(248)
144.4	5.5	74	74	33	33	91	46	55	21(42)	88	20	79	27
		78	15	84	37(112)	34	34	73	73	15	77	37	85(247)

 HA= 82.3 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.2 7.8 7.9

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 84.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)								
	A	B	C	D	A	B	C	D	6(...)				
45.9	15.0	51	51	61	61	46	62	52	64(59)	48	66	48	62
		53	67	47	57(128)	62	62	50	50	67	53	57	47(232)
52.5	13.4	53	53	58	58	49	59	53	61(59)	50	62	50	59
		54	63	49	56(128)	60	60	51	51	63	54	56	49(232)
59.1	12.3	54	54	56	56	53	57	54	57(59)	53	58	52	57
		55	59	52	55(128)	57	57	53	53	59	55	55	52(232)
65.6	11.2	56	56	54	54	56	55	54	54(59)	56	55	54	54
		56	55	54	54(127)	55	55	54	54	55	56	54	54(232)
72.2	10.4	57	57	52	52	59	54	55	51(59)	58	52	56	52
		56	52	57	53(128)	53	53	56	56	52	56	53	57(232)
78.7	9.3	58	58	51	51	61	52	56	49(59)	60	50	58	50
		57	49	59	53(128)	52	52	57	57	49	57	53	59(232)
85.3	8.6	59	59	49	49	64	50	56	46(59)	63	47	60	48
		58	46	61	52(128)	50	50	58	58	46	58	52	61(232)
91.9	7.9	61	61	48	48	67	49	57	44(59)	65	44	62	46
		65	44	62	46(90)	49	49	60	60	44	65	46	62(270)
98.4	7.5	62	62	46	46	64	60	48	44(10)	68	41	63	43
		68	41	63	43(90)	47	47	61	61	41	68	43	63(270)
105.0	6.8	63	63	44	44	67	58	48	41(18)	69	39	65	42
		69	39	65	42(91)	45	45	62	62	39	69	42	65(268)
111.5	6.4	65	65	43	43	71	56	49	38(25)	72	36	67	40
		70	35	68	41(97)	44	44	64	64	35	70	41	68(262)
118.1	6.0	66	66	41	41	74	55	50	35(29)	74	34	68	38
		71	32	70	41(101)	42	42	65	65	32	71	41	71(258)
124.7	5.5	67	67	40	40	77	53	51	33(32)	76	32	70	36
		73	29	73	39(103)	41	41	66	66	29	72	40	73(256)
131.2	5.3	69	69	38	38	81	51	52	30(36)	79	29	72	34
		74	26	76	39(106)	39	39	68	68	25	73	39	76(253)
137.8	4.9	70	70	37	37	83	50	52	28(37)	81	26	74	32
		74	23	78	38(108)	37	37	69	69	23	74	39	78(251)
144.4	4.6	71	71	35	35	86	49	53	25(39)	83	24	76	30
		76	19	80	37(110)	36	36	71	71	19	75	38	80(249)
150.9	4.4	73	73	33	33	90	47	54	22(41)	86	21	78	28
		77	16	83	37(111)	34	34	72	72	16	77	37	83(248)

 HA= 84.0 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.3 7.1 7.7 7.7

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)				3(90)							
	4(...)				5(180)				6(...)							
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
52.5	14.6	54	54	57	57	52	58	54	59	(59)	53	60	52	58		
		55	61	51	56(128)	59	59	53	53		61	55	56	51(232)		
59.1	13.7	56	56	55	55	56	56	55	55	(59)	56	56	55	55		
		56	56	55	55(127)	56	56	55	55		56	56	55	55(232)		
65.6	12.8	58	58	52	52	60	54	56	51	(59)	60	52	58	52		
		58	52	58	54(128)	54	54	57	57		52	58	54	58(232)		
72.2	11.9	60	60	50	50	64	52	57	48	(59)	63	49	60	49		
		59	48	61	53(128)	52	52	59	59		48	59	53	61(232)		
78.7	11.0	61	61	48	48	67	50	58	45	(59)	65	45	62	47		
		65	45	62	47(90)	50	50	60	60		45	65	47	62(270)		
85.3	10.1	63	63	47	47	64	61	48	46	(7)	68	43	64	45		
		68	43	64	45(90)	48	48	62	62		43	68	45	64(270)		
91.9	9.5	64	64	45	45	69	59	49	41	(19)	70	40	66	42		
		70	39	66	42(91)	46	46	63	63		39	70	43	66(268)		
98.4	9.0	66	66	43	43	73	56	50	37	(27)	73	36	68	40		
		72	35	69	41(98)	44	44	65	65		35	71	42	70(261)		
105.0	8.4	67	67	41	41	76	55	51	35	(31)	76	34	70	38		
		73	32	72	41(102)	42	42	66	66		32	72	41	72(257)		
111.5	7.9	69	69	39	39	80	53	52	32	(34)	78	31	72	35		
		74	28	75	40(105)	40	40	68	68		28	74	40	75(254)		
118.1	7.5	70	70	38	38	83	51	53	29	(37)	81	28	74	33		
		75	24	78	39(108)	39	39	69	69		24	74	39	78(251)		
124.7	7.1	72	72	36	36	86	49	54	26	(39)	83	25	76	31		
		76	21	80	38(109)	37	37	71	71		21	76	39	80(250)		
131.2	6.6	73	73	35	35	89	48	54	24	(40)	86	23	77	29		
		77	18	82	38(111)	35	35	72	72		18	76	38	82(248)		
137.8	6.4	75	75	33	33	92	46	56	20	(42)	89	20	80	27		
		78	14	85	37(112)	34	34	74	74		14	78	37	86(247)		
144.4	6.0	76	76	31	31	94	47	54	19	(40)	91	17	81	25		
		79	12	87	36(113)	32	32	75	75		12	78	37	88(246)		
150.9	5.7	77	77	30	30	98	45	56	15	(42)	93	14	83	23		
		83	9	90	33(110)	30	30	77	77		8	82	33	90(249)		
157.5	5.5	79	79	28	28	101	43	57	13	(43)	96	11	86	21		
		84	5	92	32(111)	28	28	78	78		5	84	32	93(248)		

HA= 96.5 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.4 7.8 8.6 8.6

Main boom and fixed jib (jib angle 20.0 degrees)
Length of main boom = 100.4 ft Length of jib = 82.0 ft
Main boom sequence = 0-0-0-0-100-100 % LK = 29
Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)				3(90)							
	4(...)				5(180)				6(...)							
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
52.5	13.4	53	53	58	58	50	59	53	60	(59)	51	62	51	59		
		54	62	50	56(128)	59	59	52	52		62	54	56	50(232)		
59.1	12.3	55	55	56	56	53	57	54	57	(59)	54	58	53	56		
		55	58	52	55(127)	57	57	53	53		58	55	55	52(232)		

65.6	11.2	56	56	54	54	56	55	55	54(59)	56	55	55	54
		56	55	55	54(127)	55	55	55	55	55	56	54	55(232)
72.2	10.4	58	58	52	52	60	53	56	50(59)	59	52	57	51
		57	51	58	53(128)	53	53	56	56	51	57	53	58(232)
78.7	9.7	59	59	50	50	63	51	56	47(59)	62	48	59	49
		58	47	61	52(128)	51	51	58	58	47	58	52	61(232)
85.3	9.0	61	61	48	48	66	50	57	45(59)	65	45	61	47
		65	45	61	47(90)	49	49	60	60	45	65	47	61(270)
91.9	8.4	62	62	46	46	63	61	47	45(6)	67	42	63	44
		67	42	63	44(90)	47	47	61	61	42	67	44	63(270)
98.4	7.9	64	64	45	45	68	58	49	41(19)	70	39	65	42
		70	39	65	42(91)	45	45	63	63	39	70	42	66(268)
105.0	7.3	65	65	43	43	71	57	49	39(24)	72	37	67	40
		71	36	68	41(96)	44	44	64	64	36	71	41	68(263)
111.5	6.8	66	66	41	41	75	55	50	35(29)	75	34	69	38
		72	32	71	41(101)	42	42	65	65	32	71	41	71(258)
118.1	6.4	68	68	40	40	78	53	51	33(33)	77	32	71	36
		73	29	73	40(104)	41	41	67	67	29	73	40	73(255)
124.7	6.0	69	69	38	38	80	52	52	30(35)	79	29	72	34
		74	26	76	39(106)	39	39	68	68	26	74	39	76(253)
131.2	5.7	71	71	36	36	84	50	53	27(38)	82	26	75	32
		75	22	79	38(109)	37	37	70	70	22	75	39	79(250)
137.8	5.3	72	72	35	35	87	49	54	25(39)	84	24	76	30
		76	19	81	38(110)	36	36	71	71	19	75	38	81(249)
144.4	5.1	73	73	34	34	90	47	55	22(41)	87	21	78	28
		77	16	83	37(111)	34	34	73	73	16	77	37	84(248)
150.9	4.6	74	74	32	32	92	46	55	20(42)	88	19	79	26
		78	14	85	36(112)	33	33	73	73	14	77	37	85(247)
157.5	4.4	76	76	31	31	95	46	55	17(41)	91	16	81	24
		79	11	88	35(113)	31	31	75	75	10	78	36	88(246)
164.0	4.2	77	77	29	29	98	44	56	15(42)	93	13	83	22
		83	8	90	32(110)	30	30	77	77	8	82	33	90(249)

 HA=100.4 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.1 7.6 8.3 8.3

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	13.7	57	57	54	54	58	56	55	54(59)	57	55	56	54
		57	55	56	55(127)	56	56	56	56	55	57	55	56(232)
65.6	12.8	59	59	52	52	62	53	56	50(59)	61	51	58	51
		58	50	59	54(128)	53	53	58	58	50	58	54	59(232)
72.2	12.1	61	61	49	49	66	51	58	46(59)	64	47	61	48
		60	46	63	52(128)	50	50	60	60	46	60	52	63(232)
78.7	11.5	63	63	47	47	64	62	48	46(5)	68	43	64	45
		68	43	64	45(90)	48	48	62	62	43	68	45	64(270)
85.3	10.6	64	64	45	45	69	59	49	42(18)	70	40	66	43
		70	40	66	43(91)	46	46	63	63	40	70	43	66(268)

91.9	9.9	66	66	43	43	73	57	50	38(26)	73	37	68	40
		72	36	69	42(98)	44	44	65	65	35	71	42	69(261)
98.4	9.3	67	67	41	41	77	55	51	35(31)	76	34	70	38
		73	32	72	41(102)	43	43	66	66	32	73	41	72(257)
105.0	8.8	69	69	39	39	80	53	53	32(35)	79	31	72	35
		75	28	75	40(105)	40	40	68	68	28	74	40	75(254)
111.5	8.4	71	71	37	37	84	51	53	28(37)	82	28	75	33
		76	24	78	39(108)	39	39	70	70	24	75	39	79(251)
118.1	7.9	73	73	36	36	88	49	55	25(40)	85	24	77	31
		77	20	81	38(110)	37	37	72	72	20	76	39	82(249)
124.7	7.5	74	74	34	34	91	48	55	22(41)	87	22	78	28
		78	17	84	37(111)	35	35	73	73	17	78	38	84(248)
131.2	7.1	75	75	32	32	94	46	56	20(42)	90	19	80	26
		79	13	86	37(113)	33	33	75	75	13	78	37	87(246)
137.8	6.8	77	77	30	30	97	46	55	17(41)	93	15	83	24
		80	9	90	36(114)	31	31	77	77	9	80	36	90(245)
144.4	6.4	78	78	29	29	100	45	56	14(42)	95	13	84	22
		84	7	91	32(110)	30	30	78	78	7	84	33	91(249)
150.9	6.2	80	80	27	27	103	43	57	11(43)	98	10	87	20
		86	4	94	31(111)	28	28	79	79	3	85	32	94(248)
157.5	5.5	81	81	26	26	104	43	57	10(43)	99	9	87	19
		86	2	95	31(111)	27	27	80	80	2	86	31	95(248)
164.0	4.9	81	81	26	26	105	42	57	9(43)	99	8	88	18
		87	1	95	30(111)	26	26	80	80	1	86	31	95(248)
177.2	3.5	81	81	25	25	105	41	57	8(44)	100	7	88	17
		86	0	96	30(112)	26	26	80	80	0	85	30	97(247)

 HA=110.2 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 8.0 8.9 9.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 114.5 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-45-100-100 % LK = 37

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	4(...)		5(180)		6(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	12.6	55	55	55	55	56	54	55(59)	55	57	54	55	
		56	57	54	55(127)	56	56	54	54	57	56	55	54(232)
65.6	11.5	57	57	53	53	58	54	55	52(59)	58	53	56	53
		57	53	57	54(127)	54	54	56	56	53	56	54	57(232)
72.2	10.6	59	59	51	51	62	52	56	49(59)	61	50	58	50
		58	49	60	53(128)	52	52	57	57	49	58	53	60(232)
78.7	9.9	60	60	49	49	65	50	57	46(59)	64	47	61	47
		59	45	62	52(128)	50	50	59	59	45	59	52	62(232)
85.3	9.3	62	62	47	47	62	62	47	47(1)	67	43	63	45
		67	43	63	45(90)	48	48	61	61	43	67	45	63(270)
91.9	8.6	63	63	45	45	67	59	49	43(16)	69	40	65	43
		69	40	65	43(90)	46	46	62	62	40	69	43	65(270)
98.4	8.2	65	65	43	43	72	57	50	38(25)	72	37	67	40
		71	36	68	42(97)	44	44	64	64	36	71	42	69(262)
105.0	7.7	67	67	41	41	76	55	51	35(30)	75	34	69	38
		72	32	72	41(102)	42	42	66	66	32	72	41	72(257)

111.5	7.3	68	68	39	39	79	53	52	32(34)	78	31	71	35
		73	28	75	40(105)	40	40	67	67	28	73	40	75(254)
118.1	6.8	70	70	38	38	82	51	53	29(37)	80	28	73	34
		75	25	77	39(107)	39	39	69	69	24	74	39	77(252)
124.7	6.4	71	71	36	36	86	49	54	26(39)	83	25	75	32
		76	21	80	38(109)	37	37	70	70	21	75	39	80(250)
131.2	6.0	73	73	35	35	88	48	54	24(40)	85	23	77	30
		76	18	82	38(111)	35	35	72	72	18	76	38	82(248)
137.8	5.7	74	74	33	33	92	46	56	21(42)	88	20	79	27
		78	15	85	37(112)	34	34	73	73	15	77	37	85(247)
144.4	5.3	75	75	32	32	93	47	54	19(40)	90	18	81	26
		79	12	87	36(113)	32	32	75	75	12	78	37	87(246)
150.9	5.1	77	77	30	30	97	46	55	16(41)	93	15	83	23
		83	9	89	32(109)	30	30	76	76	9	82	33	89(250)
157.5	4.9	78	78	28	28	100	44	56	13(42)	95	12	85	21
		84	6	91	32(110)	29	29	78	78	6	84	32	92(249)
164.0	4.6	80	80	26	26	103	43	57	10(43)	98	9	87	19
		86	2	94	31(111)	27	27	79	79	2	85	31	94(248)
177.2	3.5	81	81	25	25	105	41	57	8(44)	100	7	88	17
		86	0	96	30(112)	26	26	80	80	0	85	31	96(247)

HA=114.5 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 7.9 8.9 8.9

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 124.3 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-90-90-90 % LK = 45

Counterweight = 75.8 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
59.1	13.4	57	57	54	54	58	55	55	53(59)	58	55	56	54
		57	54	56	54(127)	55	55	56	56	54	57	54	56(232)
65.6	12.8	59	59	51	51	63	53	57	49(59)	62	50	59	50
		58	49	60	53(128)	52	52	58	58	49	58	53	60(232)
72.2	12.1	62	62	49	49	67	50	58	45(59)	65	46	62	47
		65	46	62	47(90)	50	50	60	60	46	65	47	62(270)
78.7	11.5	63	63	47	47	66	61	49	45(11)	69	42	65	44
		69	42	65	44(90)	48	48	62	62	42	69	44	65(270)
85.3	10.8	65	65	44	44	71	58	50	40(23)	72	39	67	41
		71	38	68	42(95)	45	45	64	64	37	71	43	68(264)
91.9	10.1	67	67	42	42	75	56	51	36(29)	75	35	69	39
		73	33	71	41(101)	43	43	66	66	33	72	42	72(258)
98.4	9.7	69	69	40	40	80	54	52	32(34)	79	31	72	36
		74	28	75	40(105)	41	41	68	68	28	74	41	75(254)
105.0	9.0	71	71	38	38	83	52	53	29(37)	81	28	74	34
		76	25	78	39(107)	39	39	70	70	25	75	40	78(252)
111.5	8.6	72	72	36	36	87	50	54	26(39)	84	25	76	31
		77	21	81	39(110)	37	37	71	71	21	76	39	81(249)
118.1	8.2	74	74	34	34	91	48	55	23(41)	87	22	78	29
		78	17	84	37(111)	35	35	73	73	17	78	38	84(248)
124.7	7.7	76	76	32	32	94	46	57	20(43)	90	19	81	26
		79	13	87	37(113)	33	33	75	75	13	78	37	87(246)

131.2	7.3	77	77	31	31	97	47	55	17(41)	93	16	83	24
		80	10	89	36(114)	32	32	76	76	10	79	37	90(245)
137.8	7.1	79	79	29	29	101	45	56	14(42)	96	13	85	22
		85	7	92	32(110)	30	30	78	78	7	84	33	92(249)
144.4	6.6	80	80	27	27	103	43	57	11(43)	98	10	87	20
		86	4	94	31(111)	28	28	80	80	4	85	32	94(248)
150.9	5.7	80	80	27	27	103	43	57	11(43)	98	10	87	19
		86	3	94	31(111)	28	28	80	80	3	85	32	94(248)
157.5	5.1	81	81	26	26	104	43	57	10(43)	99	9	88	19
		86	2	95	30(111)	27	27	80	80	2	86	31	95(248)
164.0	4.4	81	81	26	26	105	42	57	9(43)	99	8	88	18
		87	1	95	30(111)	26	26	80	80	1	86	31	95(248)
177.2	3.1	81	81	25	25	105	41	57	8(44)	100	7	88	17
		86	0	96	30(112)	26	26	80	80	0	85	30	96(247)

 HA=124.3 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 8.0 8.9 9.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 130.9 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-100-100-100 % LK = 46

Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B		C		D		
65.6	11.5	58	58	52	52	60	54	56	51(59)	59	52	57	52
		57	52	58	54(128)	54	54	56	56	52	57	54	58(232)
72.2	10.8	60	60	50	50	63	52	57	48(59)	62	48	60	49
		58	47	61	53(128)	51	51	58	58	47	58	53	61(232)
78.7	10.1	62	62	48	48	67	49	58	44(59)	66	45	62	46
		66	45	62	46(90)	49	49	60	60	45	66	46	62(270)
85.3	9.5	63	63	46	46	66	60	49	44(13)	69	41	64	44
		69	41	64	44(90)	47	47	62	62	41	69	44	64(270)
91.9	8.8	65	65	44	44	70	58	49	40(22)	71	38	67	41
		71	37	67	42(95)	45	45	64	64	37	70	42	67(264)
98.4	8.4	67	67	42	42	75	55	51	36(29)	75	35	69	39
		72	33	71	41(101)	43	43	66	66	33	72	41	71(258)
105.0	7.9	68	68	40	40	79	54	52	32(33)	78	31	71	36
		74	29	74	40(104)	41	41	67	67	29	73	40	74(255)
111.5	7.5	70	70	38	38	83	51	53	29(37)	81	28	73	34
		75	25	77	39(107)	39	39	69	69	25	75	39	77(252)
118.1	7.1	72	72	36	36	86	49	54	26(39)	83	25	76	31
		76	21	80	38(109)	37	37	71	71	21	76	39	80(250)
124.7	6.6	73	73	35	35	89	48	55	23(41)	86	22	78	29
		77	18	83	37(111)	35	35	72	72	18	77	38	83(248)
131.2	6.4	75	75	32	32	93	46	56	20(42)	89	19	80	27
		78	14	86	37(113)	33	33	74	74	14	78	37	86(246)
137.8	6.0	76	76	31	31	95	46	55	18(41)	91	17	82	25
		80	11	88	36(113)	32	32	75	75	11	79	36	88(246)
144.4	5.7	78	78	29	29	99	45	56	15(42)	95	13	84	22
		84	7	90	32(110)	30	30	77	77	7	83	33	91(249)
150.9	5.3	79	79	28	28	101	43	57	12(43)	96	11	86	21
		84	5	92	32(111)	28	28	78	78	5	84	32	93(248)

157.5 5.1 81 81 26 26 105 43 57 9(43) 99 8 88 18
 87 2 95 30(111) 27 27 80 80 1 86 31 95(248)
 164.0 4.2 80 80 26 26 104 42 57 10(43) 99 8 87 19
 86 2 95 30(111) 27 27 80 80 2 85 31 95(248)
 177.2 2.9 80 80 25 25 104 42 56 9(43) 99 7 87 18
 86 1 95 30(111) 26 26 80 80 1 85 30 95(248)

 HA=130.9 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.7 8.0 8.8 8.9

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 138.1 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-45-90-90-90 % LK = 54

Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		6(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
65.6	12.6	60	60	51	51	64	52	57	48(59)	63	49	60	50	
		59	48	61	53(128)	52	52	59	59	48	59	53	61(232)	
72.2	12.1	63	63	48	48	69	50	58	44(59)	67	45	63	46	
		67	45	63	46(90)	49	49	61	61	45	67	46	63(270)	
78.7	11.5	65	65	45	45	69	60	49	42(18)	71	40	66	43	
		71	40	66	43(91)	47	47	63	63	40	71	43	66(268)	
85.3	10.8	67	67	43	43	74	57	51	38(27)	74	37	69	40	
		72	35	70	42(99)	44	44	65	65	35	72	42	70(260)	
91.9	10.4	69	69	41	41	79	54	52	33(33)	78	33	71	37	
		74	30	74	41(104)	42	42	68	68	30	74	41	75(255)	
98.4	9.9	71	71	38	38	84	52	54	29(37)	82	29	74	34	
		76	25	78	40(108)	39	39	70	70	25	75	40	78(251)	
105.0	9.3	73	73	36	36	87	50	54	26(39)	84	26	77	32	
		77	21	81	39(110)	37	37	71	71	21	76	39	81(249)	
111.5	8.8	75	75	34	34	91	48	56	23(41)	88	22	79	29	
		78	17	84	38(112)	35	35	73	73	17	77	38	85(247)	
118.1	8.4	76	76	32	32	95	46	57	19(43)	91	19	81	26	
		80	13	88	37(113)	33	33	75	75	13	79	37	88(246)	
124.7	7.9	78	78	30	30	98	47	56	17(41)	94	15	84	24	
		81	9	90	36(114)	31	31	77	77	9	80	36	91(245)	
131.2	7.7	80	80	28	28	103	44	57	13(43)	97	11	86	21	
		86	5	93	32(111)	29	29	79	79	5	85	33	93(248)	
137.8	6.8	80	80	27	27	103	43	57	11(43)	98	10	87	20	
		86	4	94	32(111)	28	28	80	80	4	85	32	94(248)	
144.4	6.0	80	80	27	27	104	43	57	11(43)	99	9	87	19	
		86	3	94	31(111)	28	28	80	80	3	85	32	95(248)	
150.9	5.3	81	81	26	26	105	43	57	9(43)	99	8	88	18	
		87	1	95	30(111)	27	27	80	80	1	86	31	95(248)	
157.5	4.4	81	81	26	26	104	42	57	9(43)	99	8	88	18	
		86	1	95	30(111)	26	26	80	80	1	86	31	95(248)	
164.0	3.5	80	80	26	26	104	42	56	9(43)	99	8	87	18	
		86	1	95	30(111)	26	26	80	80	1	85	31	95(248)	
177.2	2.2	80	80	25	25	104	42	56	9(43)	99	7	87	17	
		86	0	95	30(111)	26	26	80	80	0	85	30	95(248)	

 HA=138.1 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.7 8.0 8.8 8.9

 Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)					3(90)			
		4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D			
65.6	11.7	59	59	51	51	62	53	56	50	(59)	61	50	58	51
		58	50	59	53(128)	53	53	58	58		50	58	53	59(232)
72.2	10.8	60	60	49	49	65	51	57	46	(59)	64	47	61	48
		59	46	63	52(128)	50	50	59	59		46	59	52	63(232)
78.7	10.1	62	62	47	47	63	62	48	46	(4)	67	43	63	45
		67	43	63	45(90)	48	48	61	61		43	67	45	63(270)
85.3	9.5	64	64	45	45	69	59	49	41	(19)	71	39	66	42
		70	39	66	43(92)	46	46	63	63		39	70	43	66(267)
91.9	9.0	66	66	43	43	74	56	51	37	(28)	74	36	69	39
		72	34	70	41(99)	43	43	65	65		34	72	41	70(260)
98.4	8.6	68	68	40	40	79	54	52	33	(33)	78	32	71	36
		74	29	74	40(104)	41	41	67	67		29	73	41	74(255)
105.0	8.2	70	70	38	38	83	51	53	29	(37)	81	28	74	34
		75	25	77	39(107)	39	39	69	69		25	75	39	78(252)
111.5	7.7	72	72	36	36	87	50	54	26	(39)	84	25	76	31
		76	21	81	39(110)	37	37	71	71		21	76	39	81(249)
118.1	7.3	74	74	34	34	90	48	55	23	(41)	87	22	78	29
		78	17	84	37(111)	35	35	73	73		17	77	38	84(248)
124.7	6.8	75	75	32	32	93	46	56	20	(42)	90	19	80	26
		78	14	86	37(113)	33	33	75	75		13	78	37	87(246)
131.2	6.6	77	77	30	30	97	46	55	17	(41)	93	15	83	24
		80	9	90	36(114)	31	31	77	77		9	80	36	90(245)
137.8	6.4	79	79	28	28	101	45	56	13	(42)	97	12	86	21
		85	6	92	32(110)	29	29	78	78		6	85	32	92(249)
144.4	6.0	81	81	27	27	104	43	57	10	(43)	99	9	87	19
		86	3	95	31(111)	27	27	80	80		2	86	32	95(248)
150.9	5.1	80	80	26	26	104	43	57	10	(43)	99	9	87	19
		86	2	95	31(111)	27	27	80	80		2	86	31	95(248)
157.5	4.4	81	81	26	26	105	41	58	9	(44)	99	7	88	18
		86	1	96	31(112)	26	26	80	80		1	85	31	96(247)
164.0	3.5	80	80	26	26	104	42	56	9	(43)	99	8	87	18
		86	1	95	30(111)	26	26	80	80		1	85	31	95(248)
177.2	2.2	80	80	25	25	105	41	57	8	(44)	99	7	88	17
		85	0	95	30(112)	26	26	80	80		0	84	31	96(247)

 HA=145.0 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 7.9 8.9 8.9

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)					3(90)			

	4(...)				5(180)				6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D			
72.2	11.9	63	63	47	47	64	62	48	47	(5)	68	44	64	45	
		68	44	64	45	(90)	49	49	62	62	44	68	45	64	(270)
78.7	11.2	65	65	45	45	70	59	50	41	(21)	72	39	67	42	
		71	39	67	43	(93)	46	46	64	64	39	71	43	67	(266)
85.3	10.8	68	68	42	42	76	56	52	36	(30)	76	35	70	39	
		73	33	72	41	(101)	43	43	67	67	33	73	42	72	(258)
91.9	10.4	70	70	39	39	81	53	53	32	(35)	80	31	73	35	
		75	28	76	40	(106)	41	41	69	69	28	75	41	77	(253)
98.4	9.9	72	72	37	37	86	51	54	27	(38)	84	27	76	32	
		77	23	80	39	(109)	38	38	71	71	22	76	39	80	(250)
105.0	9.5	74	74	35	35	91	48	56	23	(41)	87	23	79	29	
		78	18	84	38	(111)	36	36	73	73	18	78	38	84	(248)
111.5	9.0	76	76	33	33	95	46	57	20	(43)	91	19	81	26	
		80	13	88	37	(113)	34	34	75	75	13	79	37	88	(246)
118.1	8.6	78	78	30	30	98	47	56	17	(41)	94	15	84	24	
		81	9	91	36	(114)	31	31	77	77	9	81	37	91	(245)
124.7	8.2	80	80	28	28	102	44	57	13	(43)	97	12	86	21	
		85	6	93	32	(111)	29	29	79	79	6	85	33	93	(248)
131.2	7.3	81	81	27	27	104	44	57	11	(43)	98	10	87	20	
		86	4	94	32	(111)	28	28	80	80	4	85	32	94	(248)
137.8	6.4	81	81	27	27	104	43	57	10	(43)	99	9	88	19	
		87	3	95	31	(111)	27	27	80	80	2	86	32	95	(248)
144.4	5.5	81	81	26	26	105	43	57	10	(43)	99	8	88	18	
		87	2	95	30	(111)	27	27	80	80	2	86	31	95	(248)
150.9	4.6	81	81	26	26	105	41	58	9	(44)	99	8	88	18	
		86	1	96	31	(112)	26	26	80	80	1	85	32	96	(247)
157.5	3.7	81	81	26	26	104	42	57	9	(43)	99	7	88	18	
		86	1	95	30	(111)	26	26	80	80	1	86	31	95	(248)
164.0	2.9	80	80	26	26	104	42	56	9	(43)	99	8	87	18	
		86	1	95	30	(111)	26	26	80	80	1	85	31	95	(248)

HA=152.2 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 8.0 8.9 8.9

Main boom and fixed jib (jib angle 20.0 degrees)
Length of main boom = 161.4 ft Length of jib = 82.0 ft
Main boom sequence = 0-0-100-100-100-100 % LK = 63
Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.						
	1(0)				2(...)										
	4(...)				5(180)				6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D			
72.2	10.8	62	62	48	48	67	50	58	45	(59)	65	45	62	47	
		65	45	62	47	(90)	49	49	60	60	45	65	47	62	(270)
78.7	10.1	63	63	46	46	66	60	49	44	(13)	69	41	65	44	
		69	41	65	44	(90)	47	47	62	62	41	69	44	65	(270)
85.3	9.7	66	66	43	43	73	57	50	39	(25)	73	37	68	40	
		72	36	69	42	(97)	44	44	65	65	36	71	42	69	(262)
91.9	9.0	68	68	41	41	77	55	51	35	(31)	76	34	70	38	
		73	32	73	41	(102)	42	42	67	67	31	73	41	73	(257)
98.4	8.6	70	70	39	39	81	53	52	31	(35)	80	30	73	35	
		75	27	76	40	(106)	40	40	69	69	26	75	40	77	(253)

105.0	8.2	72	72	37	37	86	50	54	27(38)	83	26	76	32
		76	22	80	39(109)	38	38	71	71	22	76	39	80(250)
111.5	7.7	74	74	35	35	90	48	55	23(41)	87	22	78	29
		78	18	83	38(111)	35	35	73	73	18	77	38	83(248)
118.1	7.5	76	76	32	32	95	46	57	19(43)	90	19	81	26
		79	13	87	37(113)	33	33	75	75	13	79	37	87(246)
124.7	7.1	78	78	30	30	97	46	56	17(41)	93	15	83	24
		80	9	90	36(114)	31	31	77	77	9	80	36	90(245)
131.2	6.6	79	79	28	28	101	45	56	13(42)	96	12	85	21
		85	6	92	32(110)	29	29	78	78	6	84	32	92(249)
137.8	6.2	81	81	27	27	104	43	57	11(43)	99	9	87	19
		86	3	95	31(111)	28	28	80	80	3	86	32	95(248)
144.4	5.3	81	81	26	26	104	43	57	10(43)	99	9	88	19
		86	2	95	30(111)	27	27	80	80	2	86	31	95(248)
150.9	4.4	81	81	26	26	104	42	57	9(43)	99	8	88	18
		86	1	95	30(111)	26	26	80	80	1	86	31	95(248)
157.5	3.5	80	80	26	26	104	42	56	9(43)	99	8	87	18
		86	1	95	30(111)	26	26	80	80	1	85	31	95(248)
164.0	2.9	81	81	25	25	105	41	57	8(44)	99	7	88	17
		86	0	95	30(112)	26	26	80	80	0	85	31	96(247)

HA=161.4 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.7 8.0 8.9 8.9

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 166.0 ft Length of jib = 82.0 ft

Main boom sequence = 0-45-90-90-90-90 % LK = 68

Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
72.2	11.7	64	64	47	47	66	61	49	45(12)	69	42	65	44
		69	42	65	44(90)	48	48	63	63	42	69	44	65(270)
78.7	11.2	66	66	44	44	73	57	51	39(26)	74	37	68	41
		72	36	70	42(98)	45	45	65	65	36	72	42	70(261)
85.3	10.8	69	69	41	41	79	54	52	34(33)	78	33	72	37
		74	30	75	41(104)	42	42	68	68	30	74	41	75(255)
91.9	10.4	71	71	38	38	84	52	54	29(37)	82	28	75	34
		76	25	79	39(108)	39	39	70	70	24	76	40	79(251)
98.4	9.9	74	74	35	35	90	49	55	25(40)	86	24	78	30
		78	19	83	39(111)	37	37	73	73	19	77	39	83(248)
105.0	9.5	76	76	33	33	94	47	56	21(42)	90	20	81	27
		79	15	87	37(113)	34	34	75	75	14	79	38	87(246)
111.5	9.3	79	79	30	30	99	46	57	16(42)	95	15	84	24
		82	9	91	36(114)	31	31	78	78	9	81	37	91(245)
118.1	8.6	80	80	28	28	103	44	58	13(43)	97	12	86	21
		86	6	93	33(111)	29	29	79	79	6	85	33	93(248)
124.7	7.5	80	80	28	28	103	44	57	12(43)	98	11	87	20
		86	4	94	32(111)	28	28	80	80	4	85	32	94(248)
131.2	6.4	80	80	27	27	103	43	57	11(43)	98	10	87	20
		86	4	94	31(111)	28	28	80	80	3	85	32	94(248)
137.8	5.5	81	81	26	26	104	43	57	10(43)	99	9	88	19
		86	2	95	31(111)	27	27	80	80	2	86	31	95(248)

144.4 4.6 81 81 26 26 105 42 57 9(43) 99 8 88 18
 87 1 95 30(111) 26 26 80 80 1 86 31 95(248)
 150.9 3.7 81 81 25 25 105 41 58 9(44) 99 7 88 18
 86 0 96 30(112) 26 26 80 80 0 85 31 96(247)
 157.5 2.9 80 80 25 25 105 41 57 8(44) 99 7 88 17
 86 0 95 30(112) 26 26 80 80 0 85 31 96(247)

 HA=166.0 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 8.0 8.9 8.9

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 175.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
A	B	C	D	A	B	C	D	A	B	C	D		
78.7	10.1	65	65	45	45	70	59	49	41(20)	71	39	66	42
		71	39	67	43(93)	46	46	64	64	39	71	43	67(266)
85.3	9.7	67	67	42	42	75	56	51	36(29)	75	35	69	39
		73	33	71	41(101)	43	43	66	66	33	73	41	72(258)
91.9	9.3	69	69	39	39	81	53	53	32(35)	79	31	73	35
		75	28	76	40(106)	41	41	69	69	28	74	41	76(253)
98.4	8.6	71	71	37	37	85	51	54	28(38)	82	27	75	33
		76	23	79	39(108)	38	38	70	70	23	76	39	79(251)
105.0	8.4	74	74	35	35	90	48	55	23(41)	87	23	78	29
		78	18	84	38(111)	36	36	73	73	18	77	38	84(248)
111.5	7.9	76	76	32	32	95	46	57	20(43)	90	19	81	26
		79	13	87	37(113)	33	33	75	75	13	79	37	87(246)
118.1	7.5	78	78	30	30	98	46	56	16(41)	94	15	83	24
		81	9	90	36(114)	31	31	77	77	9	80	36	90(245)
124.7	7.3	80	80	28	28	103	44	57	12(43)	98	11	86	21
		86	5	93	32(111)	29	29	79	79	5	85	33	94(248)
131.2	6.2	80	80	27	27	103	43	57	11(43)	98	10	87	20
		86	4	94	32(111)	28	28	79	79	4	85	32	94(248)
137.8	5.1	80	80	27	27	103	43	57	11(43)	98	10	86	20
		85	4	94	31(111)	28	28	79	79	3	85	32	94(248)
144.4	4.2	80	80	26	26	103	43	57	10(43)	98	9	87	19
		86	3	94	31(111)	27	27	79	79	2	85	31	94(248)
150.9	3.5	80	80	26	26	104	42	57	9(43)	99	8	88	18
		86	1	95	30(111)	26	26	80	80	1	86	31	95(248)
157.5	2.6	80	80	25	25	104	42	56	9(43)	99	7	87	18
		86	1	95	30(111)	26	26	80	80	1	85	30	95(248)

 HA=175.5 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.7 7.9 8.8 8.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 180.1 ft Length of jib = 82.0 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		6(...)		

	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
78.7	11.0	67	67	43	43	75	57	51	37(28)	75	36	69	39
		73	34	71	42(100)	44	44	66	66	34	73	42	71(259)
85.3	10.6	70	70	40	40	81	53	53	32(35)	80	31	73	36
		75	28	76	41(106)	41	41	69	69	28	74	41	76(253)
91.9	10.4	73	73	37	37	87	50	55	27(39)	85	26	77	32
		77	22	81	39(109)	38	38	72	72	22	77	39	81(250)
98.4	9.9	75	75	34	34	93	48	56	22(42)	89	22	80	28
		79	17	85	38(112)	35	35	74	74	16	78	38	86(247)
105.0	9.5	78	78	32	32	97	47	56	18(41)	93	17	83	25
		80	11	90	37(114)	33	33	77	77	11	80	37	90(245)
111.5	8.8	79	79	30	30	101	46	57	15(42)	96	14	85	23
		85	8	92	33(110)	30	30	78	78	8	84	34	92(249)
118.1	7.5	79	79	29	29	101	45	56	14(42)	96	13	85	22
		85	7	92	32(110)	30	30	78	78	7	84	33	92(249)
124.7	6.4	80	80	28	28	102	44	57	13(43)	97	12	86	21
		85	5	93	32(111)	29	29	79	79	5	84	33	93(248)
131.2	5.3	80	80	28	28	102	43	57	12(43)	97	11	86	20
		85	4	93	32(111)	28	28	79	79	4	84	32	93(248)
137.8	4.4	80	80	27	27	103	43	57	11(43)	98	10	86	19
		85	3	94	31(111)	27	27	79	79	3	85	32	94(248)
144.4	3.5	80	80	26	26	103	42	56	10(43)	98	9	87	19
		86	2	94	30(111)	27	27	79	79	2	85	31	94(248)
150.9	2.6	80	80	26	26	103	42	56	10(43)	98	8	87	18
		86	2	94	30(111)	26	26	79	79	2	85	31	94(248)

 HA=180.1 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.7 8.8

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 191.9 ft Length of jib = 82.0 ft
 Main boom sequence = 0-100-100-100-100-100 % LK = 74
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
85.3	9.5	68	68	41	41	78	54	52	34(32)	77	33	71	37
		74	31	73	41(103)	42	42	67	67	31	73	41	73(256)
91.9	9.0	71	71	38	38	83	52	54	29(37)	81	29	74	34
		76	25	78	39(107)	39	39	70	70	25	75	40	78(252)
98.4	8.6	73	73	36	36	88	49	55	25(40)	85	24	77	31
		77	20	82	38(110)	37	37	72	72	20	77	39	82(249)
105.0	8.2	75	75	33	33	93	47	56	21(42)	89	20	80	28
		79	15	86	37(112)	34	34	74	74	15	78	38	86(247)
111.5	7.9	78	78	31	31	98	47	56	17(41)	93	16	83	24
		81	10	90	36(114)	32	32	77	77	10	80	37	90(245)
118.1	7.1	79	79	29	29	100	45	56	15(42)	95	13	85	22
		84	8	91	33(110)	30	30	78	78	7	84	33	91(249)
124.7	6.0	79	79	28	28	101	45	56	13(42)	96	12	85	21
		85	6	92	32(110)	29	29	78	78	6	84	32	92(249)
131.2	4.9	79	79	28	28	101	44	56	13(42)	96	11	85	21
		85	6	92	31(110)	29	29	78	78	5	84	32	92(249)

137.8 4.0 79 79 27 27 102 43 56 12(43) 97 10 86 20
 85 4 93 31(111) 28 28 78 78 4 84 32 93(248)
 144.4 3.1 79 79 27 27 102 43 56 11(43) 97 9 86 19
 85 3 93 31(111) 27 27 79 79 3 84 32 93(248)

 HA=191.9 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.5 7.8 8.6 8.7

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 193.9 ft Length of jib = 82.0 ft
 Main boom sequence = 45-90-90-90-90 % LK = 76
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)					3(90)		
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
85.3	10.4	71	71	39	39	84	52	54	30(37)	82	29	74	34
		76	26	78	40(107)	40	40	70	70	26	76	40	78(252)
91.9	10.1	74	74	35	35	90	49	55	24(40)	87	24	78	30
		78	19	83	38(111)	37	37	73	73	19	78	39	84(248)
98.4	9.7	77	77	33	33	95	46	57	20(43)	91	19	82	27
		80	13	88	37(113)	34	34	76	76	13	79	38	88(246)
105.0	8.8	78	78	31	31	98	47	56	17(41)	94	16	84	24
		81	10	91	36(114)	32	32	77	77	10	80	37	91(245)
111.5	7.3	78	78	30	30	98	45	56	16(42)	94	15	84	24
		84	9	90	33(110)	31	31	77	77	9	83	34	90(249)
118.1	6.2	78	78	29	29	99	45	56	15(42)	95	13	84	22
		84	7	91	32(110)	30	30	78	78	7	84	33	91(249)
124.7	4.9	78	78	29	29	99	45	56	14(42)	95	13	84	22
		84	7	91	32(110)	30	30	77	77	7	83	33	91(249)
131.2	4.0	78	78	28	28	100	44	56	13(42)	96	11	85	21
		84	5	91	31(110)	28	28	78	78	5	84	32	92(249)
137.8	2.9	78	78	28	28	100	44	56	13(42)	95	11	85	21
		84	5	91	31(110)	28	28	78	78	5	84	32	91(249)

 HA=193.9 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.3 7.8 8.5 8.5

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 205.7 ft Length of jib = 82.0 ft
 Main boom sequence = 45-100-100-100-100-100 % LK = 77
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)					3(90)		
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
85.3	9.0	69	69	40	40	80	53	52	32(34)	78	32	72	36
		74	29	75	40(105)	41	41	68	68	29	74	41	75(254)
91.9	8.8	72	72	37	37	86	51	54	27(38)	83	26	76	32
		76	22	80	39(109)	38	38	71	71	22	76	39	80(250)
98.4	8.6	75	75	34	34	92	48	56	22(41)	88	22	79	28
		78	17	85	38(112)	35	35	74	74	16	78	38	85(247)
105.0	8.4	78	78	31	31	97	47	56	18(41)	93	17	83	25
		80	11	90	36(114)	32	32	77	77	11	80	37	90(245)

111.5	6.8	77	77	31	31	97	46	55	17(41)	93	16	83	24
	80	10	90	36(114)	32	32	77	77	10	80	37	90(245)	
118.1	5.7	78	78	30	30	98	45	56	15(42)	94	14	84	23
	83	9	90	33(110)	30	30	77	77	8	83	33	90(249)	
124.7	4.6	78	78	29	29	99	45	56	14(42)	94	13	84	22
	84	7	90	32(110)	30	30	77	77	7	83	33	91(249)	
131.2	3.5	78	78	28	28	99	44	56	14(42)	94	12	84	21
	84	6	91	32(110)	29	29	77	77	6	83	32	91(249)	
137.8	2.6	78	78	28	28	100	44	55	13(42)	95	11	84	21
	84	5	91	31(110)	28	28	78	78	5	83	32	91(249)	

HA=205.7 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.3 7.7 8.5 8.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 208.0 ft Length of jib = 82.0 ft

Main boom sequence = 90-90-90-90-90-90 % LK = 78

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
85.3	9.5	71	71	38	38	84	52	54	29(37)	82	29	74	34
		76	25	78	39(107)	39	39	70	70	25	75	40	78(252)
91.9	9.5	74	74	35	35	91	49	56	23(41)	88	23	79	29
		78	18	84	38(111)	36	36	73	73	18	78	38	84(248)
98.4	8.8	77	77	32	32	95	46	57	19(43)	91	19	82	26
		80	13	88	37(113)	33	33	76	76	13	79	37	88(246)
105.0	7.3	77	77	32	32	96	47	56	18(41)	92	17	82	25
		80	11	88	36(113)	32	32	76	76	11	79	37	88(246)
111.5	6.0	77	77	31	31	96	46	55	17(41)	92	16	82	24
		80	10	89	36(114)	31	31	76	76	10	79	37	89(245)
118.1	4.6	77	77	30	30	97	46	55	16(41)	92	15	82	24
		80	9	89	35(114)	31	31	76	76	9	79	36	90(245)
124.7	3.5	77	77	29	29	97	45	55	15(42)	93	14	83	23
		82	8	89	32(110)	30	30	76	76	8	82	33	89(249)
131.2	2.6	77	77	28	28	99	44	55	14(42)	94	12	84	22
		83	7	90	32(110)	29	29	77	77	6	82	32	90(249)

HA=208.0 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.2 7.7 8.4 8.4

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 219.8 ft Length of jib = 82.0 ft

Main boom sequence = 90-100-100-100-100-100 % LK = 80

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
91.9	7.7	71	71	37	37	85	50	54	28(38)	82	27	75	32
		76	23	79	39(108)	38	38	70	70	23	76	39	79(251)
98.4	7.7	75	75	34	34	92	47	56	22(42)	88	21	79	28
		78	16	85	37(112)	35	35	74	74	16	78	38	85(247)

105.0 7.1 77 77 32 32 95 47 55 19(41) 91 17 82 25
80 12 88 36(113) 32 32 75 75 12 79 37 88(246)
111.5 5.5 76 76 31 31 95 46 55 18(41) 91 17 82 25
80 11 88 36(113) 32 32 75 75 11 79 36 88(246)
118.1 4.4 77 77 30 30 96 46 55 17(41) 92 15 82 24
79 9 89 35(114) 31 31 76 76 9 79 36 89(245)
124.7 3.3 77 77 29 29 97 45 55 15(41) 93 14 83 23
83 9 89 32(109) 30 30 76 76 9 82 33 89(250)
131.2 2.2 77 77 29 29 97 44 55 15(42) 93 13 83 22
82 8 89 32(110) 30 30 76 76 8 82 33 89(249)

HA=219.8 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.0 7.6 8.3 8.3

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

14.10.2003, 15:45:01

Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137612_tab.txt

H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer KS

Outrigger width = 18.7 ft Outrigger length = 27.7 ft
Outrigger "A" X = 12.0 ft Outrigger "A" Y = 9.4 ft
Outrigger "B" X = 12.0 ft Outrigger "B" Y = -9.4 ft
Outrigger "C" X = -15.7 ft Outrigger "C" Y = 9.4 ft
Outrigger "D" X = -15.7 ft Outrigger "D" Y = -9.4 ft

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 40.7 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-0-0 % LK = 1

Counterweight = 75.8 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
52.5	13.2	49	49	62	62	43	62	51	66(59)	45	67	46	63
		51	69	44	57(128)	63	63	48	48	69	51	57	44(232)
59.1	12.1	51	51	59	59	46	60	52	62(59)	48	64	49	61
		52	65	47	56(128)	60	60	50	50	65	52	56	47(232)
65.6	11.5	53	53	57	57	51	58	53	58(59)	51	60	51	58
		54	60	50	55(128)	58	58	52	52	60	54	55	50(232)
72.2	10.8	55	55	54	54	55	56	54	55(59)	55	56	54	54
		55	56	54	54(127)	56	56	54	54	56	55	54	54(232)
78.7	10.1	57	57	52	52	59	53	55	51(59)	58	52	56	52
		56	52	57	53(128)	53	53	56	56	52	56	53	57(232)
85.3	9.5	59	59	50	50	63	51	56	48(59)	62	49	59	49
		58	47	60	52(128)	51	51	58	58	47	58	52	60(232)

91.9 9.3 62 62 47 47 68 49 58 43(59) 66 44 62 45
 66 44 62 45(90) 48 48 60 60 44 66 45 62(270)
 98.4 8.8 64 64 45 45 68 59 49 42(17) 70 40 65 42
 70 40 65 42(90) 46 46 63 63 40 70 43 65(269)

 HA= 40.7 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 6.5 6.5 6.1 6.1

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-45 % LK = 7
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
52.5	13.2	49	49	62	62	43	62	51	66(59)	45	67	46	63
		51	69	44	58(128)	63	63	48	48	69	51	58	44(232)
59.1	12.3	51	51	59	59	47	60	52	62(59)	48	63	49	60
		52	65	47	56(128)	60	60	50	50	65	52	56	47(232)
65.6	11.7	53	53	57	57	51	58	53	58(59)	52	60	52	57
		54	60	51	55(128)	58	58	52	52	60	54	55	51(232)
72.2	11.0	55	55	54	54	55	56	54	54(59)	55	56	54	54
		55	56	54	54(127)	56	56	54	54	56	55	54	54(232)
78.7	10.4	57	57	52	52	59	53	55	51(59)	58	52	57	52
		57	52	57	53(128)	53	53	56	56	52	57	53	57(232)
85.3	9.9	59	59	50	50	63	51	56	47(59)	62	48	59	49
		58	47	61	52(128)	51	51	58	58	47	58	52	61(232)
91.9	9.5	61	61	48	48	67	49	58	44(59)	66	44	62	46
		66	44	62	46(90)	49	49	60	60	44	66	46	62(270)
98.4	9.0	63	63	45	45	67	59	49	43(15)	69	41	65	43
		69	41	65	43(90)	46	46	62	62	41	69	43	65(270)
105.0	8.6	65	65	43	43	72	57	50	38(25)	73	37	67	40
		71	35	69	41(97)	44	44	64	64	35	71	42	69(262)

 HA= 54.5 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 6.7 6.6 6.4 6.4

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-90 % LK = 13
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
59.1	12.3	51	51	59	59	47	60	52	62(59)	48	63	49	60
		52	65	47	56(128)	60	60	50	50	65	52	56	47(232)
65.6	11.7	53	53	57	57	51	58	53	58(59)	52	60	51	58
		54	60	50	55(128)	58	58	52	52	60	54	55	50(232)
72.2	10.8	55	55	55	55	54	56	54	55(59)	54	56	54	55
		55	56	53	54(127)	56	56	54	54	56	55	54	53(232)
78.7	10.1	57	57	53	53	58	54	55	52(59)	58	53	56	52
		56	52	56	54(128)	54	54	56	56	52	56	54	56(232)

85.3	9.3	58	58	51	51	61	52	56	49(59)	60	50	58	50
		57	49	59	53(128)	52	52	57	57	49	57	53	59(232)
91.9	8.6	59	59	49	49	64	50	56	46(59)	63	47	60	48
		58	46	61	52(128)	50	50	58	58	46	58	52	61(232)
98.4	7.9	61	61	47	47	67	49	57	44(59)	65	44	62	46
		65	44	62	46(90)	48	48	60	60	44	65	46	62(270)
105.0	7.5	62	62	45	45	65	60	48	43(12)	68	41	64	43
		68	41	64	43(90)	46	46	62	62	41	68	43	64(270)
111.5	7.1	64	64	44	44	70	57	49	39(22)	71	38	66	41
		70	37	67	41(94)	44	44	63	63	37	70	42	67(265)
118.1	6.6	66	66	42	42	74	55	50	36(28)	74	35	68	38
		71	33	70	41(100)	43	43	65	65	33	71	41	70(259)

HA= 68.6 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 6.8 6.6 6.5 6.5

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-100 % LK = 14
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
59.1	11.5	50	50	60	60	45	61	51	63(59)	46	65	47	62
		52	66	45	57(128)	61	61	49	49	66	52	57	45(232)
65.6	10.4	51	51	58	58	48	59	52	60(59)	49	62	49	59
		52	63	48	56(128)	59	59	50	50	63	52	56	48(232)
72.2	9.5	53	53	56	56	50	57	53	58(59)	51	59	51	57
		53	59	50	55(128)	57	57	52	52	59	53	55	50(232)
78.7	8.8	54	54	54	54	54	55	54	54(59)	54	56	53	54
		54	56	53	54(127)	55	55	53	53	56	54	54	53(232)
85.3	7.9	55	55	53	53	56	54	54	52(59)	56	53	55	52
		55	53	55	53(127)	54	54	54	54	53	55	53	55(232)
91.9	7.5	57	57	51	51	60	52	55	49(59)	59	50	57	50
		56	49	58	52(128)	52	52	56	56	49	56	52	58(232)
98.4	6.8	58	58	49	49	62	50	56	47(59)	61	47	59	48
		57	46	60	52(128)	50	50	58	58	46	57	52	60(232)
105.0	6.4	60	60	47	47	66	49	57	44(59)	64	44	61	46
		64	44	61	46(90)	48	48	59	59	44	64	46	61(270)
111.5	6.0	62	62	46	46	63	60	47	44(8)	67	41	63	43
		67	41	63	43(90)	46	46	61	61	41	67	43	63(270)
118.1	5.5	63	63	44	44	67	58	48	41(19)	69	38	65	41
		69	38	65	42(92)	45	45	62	62	38	69	42	65(267)

HA= 70.2 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 6.4 6.4 6.1 6.1

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)				

	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
65.6	11.9	54	54	56	56	52	57	53	58	(59)	52	59	52	57
		54	59	51	55(128)	58	58	53	53	59	54	55	51(232)	
72.2	11.0	56	56	54	54	56	55	54	54	(59)	56	55	54	54
		56	55	54	54(127)	55	55	54	54	55	56	54	54(232)	
78.7	10.4	57	57	52	52	59	53	55	51	(59)	59	52	57	52
		57	51	58	53(128)	53	53	56	56	51	57	53	58(232)	
85.3	9.7	59	59	50	50	63	51	56	48	(59)	62	49	59	49
		58	47	60	52(128)	51	51	58	58	47	58	52	60(232)	
91.9	9.0	61	61	48	48	66	50	57	45	(59)	64	45	61	47
		64	45	61	47(90)	49	49	60	60	45	64	47	61(270)	
98.4	8.4	62	62	47	47	63	61	47	46	(5)	67	42	63	44
		67	42	63	44(90)	47	47	61	61	42	67	44	63(270)	
105.0	7.9	64	64	45	45	68	58	49	41	(19)	70	39	65	42
		70	39	65	42(91)	45	45	63	63	39	70	42	66(268)	
111.5	7.3	65	65	43	43	71	56	50	38	(25)	72	37	67	40
		71	35	68	41(97)	44	44	64	64	35	70	42	68(262)	
118.1	7.1	67	67	41	41	76	54	51	34	(31)	76	33	70	37
		73	31	72	40(102)	41	41	66	66	31	72	40	72(257)	
124.7	6.6	69	69	39	39	80	52	52	31	(35)	78	30	72	35
		73	27	75	39(106)	40	40	68	68	27	73	40	75(253)	
131.2	6.2	70	70	37	37	83	50	53	28	(37)	81	27	74	33
		75	23	78	39(108)	38	38	69	69	23	74	39	78(251)	

HA= 82.3 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.7 6.9 7.2 7.2

Main boom and fixed jib (jib angle 40.0 degrees)
Length of main boom = 84.0 ft Length of jib = 82.0 ft
Main boom sequence = 0-0-0-0-45-100 % LK = 21
Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)									
	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
65.6	10.6	52	52	58	58	49	58	52	60	(59)	50	61	50	59
		53	62	49	56(128)	59	59	51	51	62	53	56	49(232)	
72.2	9.7	53	53	56	56	52	57	53	57	(59)	52	58	52	56
		54	58	51	55(128)	57	57	52	52	58	54	55	51(232)	
78.7	9.0	55	55	54	54	55	55	54	54	(59)	55	55	54	54
		55	55	54	54(127)	55	55	54	54	55	55	54	54(232)	
85.3	8.4	56	56	52	52	58	53	55	51	(59)	58	52	56	51
		56	51	57	53(128)	53	53	56	56	51	56	53	57(232)	
91.9	7.7	58	58	50	50	61	51	56	48	(59)	60	49	58	49
		57	48	59	52(128)	51	51	57	57	48	57	52	59(232)	
98.4	7.3	60	60	48	48	65	49	57	45	(59)	63	45	60	47
		58	44	62	51(128)	49	49	59	59	44	58	51	62(232)	
105.0	6.8	61	61	46	46	62	61	47	46	(2)	66	42	62	44
		66	42	62	44(90)	47	47	60	60	42	66	44	62(270)	
111.5	6.4	63	63	45	45	67	58	48	42	(16)	69	39	64	42
		69	39	64	42(90)	45	45	62	62	39	69	42	64(270)	
118.1	6.0	64	64	43	43	70	56	49	38	(24)	71	37	66	40
		70	36	67	41(96)	44	44	63	63	35	70	41	67(263)	

124.7 5.7 66 66 41 41 75 54 50 35(30) 75 33 69 37
 72 31 71 40(102) 41 41 65 65 31 71 41 71(257)
 131.2 5.3 68 68 39 39 78 52 51 32(34) 77 30 71 35
 73 28 74 39(105) 40 40 67 67 28 72 40 74(254)

 HA= 84.0 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.3 6.7 6.9 6.9

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
65.6	11.7	54	54	56	56	52	57	53	58(59)	52	59	52	57
		54	59	51	55(128)	58	58	52	52	59	54	55	51(232)
72.2	11.2	56	56	54	54	57	55	55	54(59)	56	55	55	54
		56	54	55	54(127)	55	55	55	55	54	56	54	55(232)
78.7	10.4	58	58	52	52	60	53	56	50(59)	59	51	57	51
		57	51	58	53(128)	53	53	56	56	51	57	53	58(232)
85.3	9.9	60	60	50	50	64	51	57	47(59)	63	48	60	48
		58	46	62	52(128)	50	50	59	59	46	58	52	62(232)
91.9	9.3	61	61	48	48	67	49	58	44(59)	65	44	62	46
		65	44	62	46(90)	49	49	60	60	44	65	46	62(270)
98.4	8.6	63	63	46	46	65	60	48	44(11)	68	41	64	44
		68	41	64	44(90)	47	47	62	62	41	68	44	64(270)
105.0	8.2	64	64	44	44	70	58	49	40(22)	71	38	66	41
		71	37	67	42(94)	45	45	63	63	37	70	42	67(265)
111.5	7.7	66	66	42	42	74	55	51	36(29)	74	35	69	39
		72	33	70	41(100)	43	43	65	65	33	71	41	71(259)
118.1	7.3	68	68	40	40	78	53	52	33(33)	77	32	71	36
		73	29	73	40(104)	41	41	67	67	29	73	40	74(255)
124.7	7.1	70	70	38	38	82	51	53	29(37)	80	28	73	34
		75	25	77	39(107)	39	39	69	69	24	74	39	77(252)
131.2	6.6	71	71	36	36	86	49	54	26(39)	83	25	75	31
		76	21	80	38(109)	37	37	71	71	21	75	39	80(250)
137.8	6.4	73	73	34	34	90	47	55	22(41)	87	22	78	28
		77	17	83	37(111)	35	35	73	73	17	77	37	84(248)
144.4	6.0	75	75	32	32	93	46	56	20(42)	89	19	80	26
		78	13	86	37(113)	33	33	74	74	13	77	37	86(246)

 HA= 96.5 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.2 8.0 8.0

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D

65.6	10.6	52	52	58	58	49	58	52	59(59)	50	61	50	58
		53	62	49	56(128)	59	59	51	51	62	53	56	49(232)
72.2	9.9	54	54	55	55	53	56	53	56(59)	53	57	53	56
		54	57	52	54(127)	56	56	53	53	57	54	54	52(232)
78.7	9.3	56	56	53	53	56	54	54	53(59)	56	54	55	53
		56	54	55	54(127)	54	54	55	55	54	56	54	55(232)
85.3	8.6	57	57	51	51	60	52	55	50(59)	59	50	57	50
		56	50	58	53(128)	52	52	56	56	50	56	53	58(232)
91.9	8.2	59	59	49	49	63	50	56	47(59)	62	47	60	48
		58	46	61	52(128)	50	50	58	58	46	58	52	61(232)
98.4	7.5	60	60	48	48	66	49	57	44(59)	65	44	61	46
		65	44	61	46(90)	49	49	60	60	44	65	46	61(270)
105.0	7.1	62	62	46	46	64	60	47	44(10)	67	41	63	43
		67	41	63	43(90)	47	47	61	61	41	67	43	63(270)
111.5	6.8	64	64	43	43	70	57	49	39(22)	71	37	66	41
		70	37	67	42(95)	44	44	63	63	37	70	42	67(264)
118.1	6.4	66	66	42	42	73	55	50	36(28)	74	35	68	39
		71	33	70	41(100)	43	43	65	65	33	71	41	70(259)
124.7	6.0	67	67	40	40	77	53	51	33(32)	76	32	70	36
		73	30	73	40(103)	41	41	66	66	29	72	40	73(256)
131.2	5.7	69	69	38	38	81	51	52	30(36)	79	28	73	34
		74	25	76	39(107)	39	39	68	68	25	73	39	76(252)
137.8	5.3	70	70	37	37	84	50	53	27(38)	82	26	74	32
		75	22	78	38(108)	37	37	70	70	22	75	38	78(251)
144.4	5.1	72	72	34	34	88	48	54	24(40)	85	23	77	29
		76	18	82	37(111)	35	35	71	71	18	76	38	82(248)

HA=100.4 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.2 7.0 7.6 7.6

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 110.2 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-45-90-90 % LK = 36

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	4(...)		5(180)		6(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
72.2	11.2	57	57	53	53	58	55	55	53(59)	57	54	56	53
		56	54	56	54(127)	54	54	55	55	54	56	54	56(232)
78.7	10.6	58	58	51	51	62	52	56	49(59)	61	50	58	50
		58	49	59	53(128)	52	52	57	57	49	58	53	59(232)
85.3	10.1	61	61	49	49	66	50	57	45(59)	64	46	61	47
		64	46	61	47(90)	50	50	60	60	46	64	47	61(270)
91.9	9.5	62	62	47	47	64	61	48	46(6)	67	43	63	45
		67	43	63	45(90)	48	48	61	61	43	67	45	63(270)
98.4	9.0	64	64	44	44	69	58	49	41(20)	71	39	66	42
		70	39	67	42(93)	45	45	63	63	38	70	42	67(266)
105.0	8.4	66	66	43	43	73	56	50	37(27)	73	36	68	39
		72	35	69	41(98)	44	44	65	65	35	71	41	69(261)
111.5	8.2	68	68	40	40	78	54	52	33(33)	77	32	71	36
		73	30	74	40(104)	41	41	67	67	29	73	41	74(255)
118.1	7.7	70	70	38	38	82	52	53	30(36)	80	29	73	34
		75	26	77	39(107)	39	39	69	69	25	74	40	77(252)

124.7	7.3	71	71	36	36	86	50	54	26(39)	83	26	75	32
		76	22	80	38(109)	37	37	71	71	22	75	39	80(250)
131.2	7.1	73	73	34	34	90	48	55	23(41)	87	22	78	29
		78	17	83	37(111)	35	35	73	73	17	77	38	84(248)
137.8	6.6	75	75	32	32	93	46	56	20(42)	89	19	80	27
		78	14	86	37(113)	33	33	74	74	14	78	37	86(246)
144.4	6.4	77	77	30	30	97	46	55	17(41)	93	15	83	24
		80	9	90	36(114)	31	31	76	76	9	79	36	90(245)
150.9	6.2	79	79	28	28	101	45	56	13(42)	96	12	85	21
		85	6	92	32(110)	29	29	78	78	6	84	32	92(249)

HA=110.2 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.4 7.8 8.5 8.6

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 114.5 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-45-100-100 % LK = 37

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
72.2	10.1	55	55	54	54	56	54	55(59)	54	56	54	55	
		55	56	54	54(127)	56	56	54	54	56	55	54	54(232)
78.7	9.5	57	57	52	52	58	54	55	51(59)	58	52	56	52
		56	52	57	53(128)	53	53	56	56	52	56	53	57(232)
85.3	8.8	58	58	50	50	62	52	56	48(59)	61	49	58	49
		57	48	60	52(128)	51	51	57	57	48	57	52	60(232)
91.9	8.4	60	60	48	48	65	50	57	45(59)	64	45	61	47
		64	45	61	47(90)	49	49	59	59	45	64	47	61(270)
98.4	7.7	62	62	47	47	62	61	47	46(3)	67	43	63	45
		67	43	63	45(90)	47	47	61	61	43	67	45	63(270)
105.0	7.3	63	63	45	45	68	58	49	41(18)	69	39	65	42
		69	39	65	42(91)	45	45	62	62	39	69	42	65(268)
111.5	7.1	65	65	42	42	73	56	50	37(27)	73	35	68	39
		71	34	69	41(99)	43	43	65	65	34	71	41	69(260)
118.1	6.6	67	67	40	40	77	54	51	34(32)	76	32	70	37
		72	30	72	40(103)	41	41	66	66	30	72	40	73(256)
124.7	6.2	69	69	39	39	80	52	52	31(35)	78	30	72	35
		73	27	75	39(106)	39	39	68	68	26	73	40	75(253)
131.2	6.0	71	71	37	37	84	50	53	27(38)	82	26	75	32
		75	22	79	39(109)	37	37	70	70	22	75	39	79(250)
137.8	5.7	73	73	35	35	88	48	54	24(40)	85	23	77	29
		77	18	82	37(111)	35	35	72	72	18	76	38	82(248)
144.4	5.3	74	74	33	33	91	46	55	21(42)	87	20	79	27
		77	15	84	37(112)	34	34	73	73	15	77	37	84(247)
150.9	5.1	76	76	31	31	95	46	55	18(41)	91	17	81	25
		79	11	88	36(113)	32	32	75	75	11	78	36	88(246)
157.5	4.9	78	78	29	29	98	45	56	15(42)	94	13	84	22
		83	8	90	32(110)	30	30	77	77	7	82	33	90(249)

HA=114.5 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.1 7.7 8.4 8.4

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 124.3 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.					
		1(0)				2(...)				3(90)									
		4(...)				5(180)				6(...)									
A	B	C	D	A	B	C	D	A	B	C	D								
72.2	11.0	57	57	53	53	58	54	55	52	(59)	58	54	56	53					
		56	53	56	54	(127)	54	54	56	56	53	56	54	56	(232)				
78.7	10.6	59	59	50	50	62	52	56	48	(59)	62	49	59	50					
		58	48	60	53	(128)	52	52	58	58	48	58	53	60	(232)				
85.3	10.1	61	61	48	48	67	50	58	44	(59)	65	45	62	46					
		65	45	62	46	(90)	49	49	60	60	45	65	46	62	(270)				
91.9	9.5	63	63	46	46	65	60	48	44	(11)	68	42	64	44					
		68	42	64	44	(90)	47	47	62	62	42	68	44	64	(270)				
98.4	9.0	65	65	44	44	71	58	50	39	(23)	72	38	67	41					
		71	37	68	42	(95)	45	45	64	64	37	71	42	68	(264)				
105.0	8.6	67	67	42	42	76	55	51	35	(30)	75	34	69	38					
		73	32	71	41	(101)	43	43	66	66	32	72	41	72	(258)				
111.5	8.2	69	69	39	39	80	53	52	32	(34)	78	31	72	35					
		74	28	75	40	(105)	40	40	68	68	28	74	40	75	(254)				
118.1	7.9	71	71	37	37	85	50	54	28	(38)	82	27	75	32					
		76	23	79	39	(108)	38	38	70	70	23	75	39	79	(251)				
124.7	7.5	73	73	35	35	88	49	55	24	(40)	85	24	77	30					
		77	19	82	38	(110)	36	36	72	72	19	77	38	82	(249)				
131.2	7.3	75	75	33	33	93	47	56	21	(42)	89	20	80	27					
		79	15	86	37	(112)	34	34	74	74	14	78	37	86	(247)				
137.8	6.8	77	77	31	31	96	47	55	18	(41)	92	17	82	25					
		80	11	88	36	(113)	32	32	76	76	11	79	36	88	(246)				
144.4	6.6	79	79	29	29	100	45	56	14	(42)	95	13	85	22					
		84	7	91	32	(110)	30	30	78	78	7	84	33	91	(249)				
150.9	6.2	80	80	27	27	103	43	57	11	(43)	98	10	86	20					
		86	4	93	32	(111)	28	28	79	79	4	85	32	94	(248)				
157.5	5.5	81	81	26	26	104	43	57	10	(43)	99	9	87	19					
		86	2	95	31	(111)	27	27	80	80	2	86	31	95	(248)				
164.0	4.6	80	80	26	26	104	43	57	10	(43)	99	8	87	19					
		86	2	95	30	(111)	27	27	80	80	2	85	31	95	(248)				

HA=124.3 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.7 7.9 8.8 8.8

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 130.9 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.					
		1(0)				2(...)				3(90)									
		4(...)				5(180)				6(...)									
A	B	C	D	A	B	C	D	A	B	C	D								
78.7	9.5	57	57	52	52	59	53	55	50	(59)	59	51	57	51					
		57	51	58	53	(128)	53	53	56	56	51	57	53	58	(232)				
85.3	8.8	59	59	50	50	63	51	56	47	(59)	62	48	59	49					
		58	47	60	52	(128)	51	51	58	58	47	58	52	60	(232)				

91.9	8.4	61	61	48	48	67	49	57	44(59)	65	44	62	46
		65	44	62	46(90)	49	49	60	60	44	65	46	62(270)
98.4	7.9	63	63	45	45	66	60	48	43(13)	69	41	64	43
		69	41	64	43(90)	46	46	62	62	41	69	43	64(270)
105.0	7.5	65	65	43	43	71	57	50	39(24)	72	37	67	41
		71	36	68	42(96)	44	44	64	64	36	70	42	68(263)
111.5	7.1	66	66	41	41	75	55	51	35(30)	75	34	69	38
		72	32	71	41(101)	42	42	65	65	32	72	41	71(258)
118.1	6.8	69	69	39	39	80	53	52	31(34)	78	30	72	35
		74	27	75	39(105)	40	40	68	68	27	73	40	75(254)
124.7	6.4	70	70	37	37	83	51	53	28(37)	81	27	74	33
		75	24	78	39(108)	38	38	69	69	24	74	39	78(251)
131.2	6.2	72	72	35	35	88	48	54	24(40)	84	24	77	30
		77	19	81	38(110)	36	36	71	71	19	76	38	81(249)
137.8	6.0	74	74	33	33	92	46	56	21(42)	88	20	79	27
		78	15	85	37(112)	34	34	73	73	15	77	37	85(247)
144.4	5.7	76	76	31	31	95	46	55	18(41)	91	17	82	25
		80	11	88	36(113)	32	32	75	75	11	79	36	88(246)
150.9	5.3	77	77	29	29	98	45	56	15(42)	93	14	83	23
		83	8	90	33(110)	30	30	77	77	8	82	33	90(249)
157.5	5.1	79	79	27	27	102	43	57	12(43)	97	11	86	20
		85	4	93	32(111)	28	28	78	78	4	84	32	93(248)
164.0	4.6	80	80	26	26	104	43	57	10(43)	99	8	87	19
		86	2	95	30(111)	27	27	80	80	2	85	31	95(248)

 HA=130.9 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.7 7.9 8.8 8.8

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 138.1 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-45-90-90-90 % LK = 54

Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B C D	A B C D	A B C D	A B C D	A B C D							
78.7	10.6	60	60	50	50	64	51	57	47(59)	63	48	60	49
		58	47	62	52(128)	51	51	59	59	47	58	52	62(232)
85.3	10.1	62	62	47	47	62	62	47	47(0)	67	44	63	45
		67	44	63	45(90)	48	48	61	61	44	67	45	63(270)
91.9	9.7	64	64	45	45	69	59	49	41(19)	71	39	66	42
		70	39	66	43(92)	46	46	63	63	39	70	43	66(267)
98.4	9.3	67	67	42	42	74	56	51	37(28)	74	35	69	39
		72	34	71	41(100)	43	43	65	65	34	72	42	71(259)
105.0	8.8	69	69	40	40	79	54	52	33(33)	78	32	71	36
		74	29	74	40(104)	41	41	68	68	29	74	40	75(255)
111.5	8.4	71	71	38	38	83	51	53	29(37)	81	28	74	34
		75	24	78	39(108)	39	39	70	70	24	75	40	78(251)
118.1	8.2	73	73	35	35	88	49	55	24(40)	86	24	77	30
		77	19	82	38(110)	36	36	72	72	19	77	38	82(249)
124.7	7.7	75	75	33	33	92	47	56	21(42)	89	21	80	28
		78	15	85	37(112)	34	34	74	74	15	78	38	85(247)
131.2	7.5	77	77	31	31	96	47	56	17(41)	92	17	82	25
		80	11	89	36(114)	32	32	76	76	10	79	37	89(245)

137.8	7.3	79	79	29	29	101	45	56	14(42)	96	13	86	22
		85	6	92	32(110)	30	30	78	78	6	85	33	92(249)
144.4	6.6	80	80	27	27	103	43	57	11(43)	98	10	87	20
		86	4	94	32(111)	28	28	79	79	4	85	32	94(248)
150.9	5.7	80	80	27	27	104	43	57	11(43)	98	9	87	19
		86	3	94	31(111)	28	28	80	80	3	85	32	95(248)
157.5	4.9	80	80	26	26	104	43	57	10(43)	99	9	87	19
		86	2	94	31(111)	27	27	80	80	2	85	31	95(248)
164.0	4.2	81	81	26	26	105	41	58	9(44)	99	7	88	18
		86	1	95	31(112)	26	26	80	80	0	85	31	96(247)
177.2	2.6	81	81	25	25	105	41	57	8(44)	99	7	88	17
		85	0	96	30(112)	25	25	80	80	0	84	30	96(247)

 HA=138.1 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.7 7.9 8.9 8.9

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 145.0 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-45-100-100-100 % LK = 55

Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
78.7	9.5	58	58	51	51	61	52	56	49(59)	60	50	58	50
		57	49	59	53(128)	52	52	57	57	49	57	53	59(232)
85.3	8.8	60	60	49	49	65	50	57	46(59)	63	47	60	48
		58	45	62	52(128)	50	50	59	59	45	58	52	62(232)
91.9	8.4	62	62	47	47	63	61	47	46(4)	67	43	63	45
		67	43	63	45(90)	48	48	61	61	43	67	45	63(270)
98.4	7.9	64	64	44	44	69	58	49	41(19)	70	39	65	42
		70	39	66	42(92)	45	45	63	63	39	70	42	66(267)
105.0	7.7	66	66	42	42	74	55	51	36(29)	74	35	69	39
		72	33	71	41(100)	43	43	65	65	33	72	41	71(259)
111.5	7.3	68	68	40	40	78	53	52	32(33)	77	31	71	36
		73	29	74	40(104)	41	41	67	67	29	73	40	74(255)
118.1	7.1	70	70	37	37	83	51	53	28(37)	81	27	74	33
		75	24	78	39(108)	38	38	69	69	24	75	39	78(251)
124.7	6.6	72	72	35	35	87	49	54	25(39)	84	24	76	30
		76	20	81	38(110)	36	36	71	71	20	76	38	81(249)
131.2	6.4	74	74	33	33	92	47	56	21(42)	88	20	79	28
		78	15	85	37(112)	34	34	73	73	15	77	37	85(247)
137.8	6.2	76	76	31	31	95	46	55	18(41)	91	17	82	25
		80	11	88	36(113)	32	32	76	76	11	79	36	88(246)
144.4	6.0	78	78	29	29	100	45	56	14(42)	95	13	84	22
		84	7	91	32(110)	30	30	78	78	7	84	33	91(249)
150.9	5.5	80	80	27	27	103	43	57	11(43)	97	10	86	20
		85	4	93	31(111)	28	28	79	79	4	85	32	94(248)
157.5	4.9	80	80	26	26	104	43	57	10(43)	99	9	87	19
		86	2	95	31(111)	27	27	80	80	2	85	31	95(248)
164.0	4.0	80	80	26	26	104	42	57	10(43)	98	9	87	19
		86	2	94	30(111)	27	27	79	79	2	85	31	95(248)
177.2	2.6	80	80	25	25	105	41	57	8(44)	99	7	88	17
		85	0	96	30(112)	26	26	80	80	0	84	30	96(247)

 HA=145.0 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.7 7.9 8.9 8.9

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D
85.3	10.1	63	63	47	47	65	61	48	45(9)	68	42	64	44	68	42	64	44	64(270)
91.9	9.7	65	65	44	44	71	58	50	40(23)	72	38	67	41	71	37	68	42(95)	68(264)
98.4	9.3	67	67	41	41	77	55	52	35(31)	76	34	70	38	73	32	72	41(102)	72(257)
105.0	8.8	70	70	39	39	81	53	53	31(35)	80	30	73	35	75	27	76	40(106)	76(253)
111.5	8.6	72	72	36	36	87	50	54	26(39)	84	26	76	32	77	21	80	38(109)	81(250)
118.1	8.2	74	74	34	34	91	48	55	22(41)	88	22	79	29	78	17	84	37(111)	84(248)
124.7	7.9	77	77	32	32	95	47	56	19(41)	92	18	82	25	80	12	88	36(113)	88(246)
131.2	7.5	78	78	30	30	99	45	56	15(42)	95	14	84	23	84	8	91	33(110)	91(249)
137.8	7.1	80	80	28	28	103	44	57	12(43)	98	11	86	21	86	5	93	32(111)	94(248)
144.4	6.2	80	80	27	27	104	43	57	11(43)	99	10	87	19	86	3	94	31(111)	95(248)
150.9	5.3	81	81	26	26	104	43	57	10(43)	99	9	88	19	86	2	95	31(111)	95(248)
157.5	4.4	81	81	26	26	104	42	57	9(43)	99	8	88	18	86	2	95	30(111)	95(248)
164.0	3.5	80	80	26	26	104	42	56	9(43)	99	8	87	18	86	1	95	30(111)	95(248)

 HA=152.2 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.7 7.9 8.8 8.8

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 161.4 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D
85.3	8.8	61	61	48	48	66	50	57	45(59)	65	45	61	47	65	45	61	47	61(270)
91.9	8.4	63	63	46	46	65	60	48	44(12)	68	41	64	43	68	41	64	43	64(270)

98.4	8.2	65	65	43	43	72	56	50	38(26)	73	37	67	40
		71	35	69	41(97)	44	44	64	64	35	71	42	69(262)
105.0	7.7	67	67	41	41	77	54	51	34(32)	76	33	70	37
		73	30	73	40(103)	42	42	67	67	30	73	41	73(256)
111.5	7.3	69	69	39	39	81	52	53	30(36)	80	29	73	34
		75	26	76	39(106)	39	39	69	69	26	74	40	76(253)
118.1	7.1	72	72	36	36	86	49	54	26(39)	84	25	76	31
		76	21	80	38(109)	37	37	71	71	21	76	39	80(250)
124.7	6.8	74	74	34	34	91	47	55	22(41)	88	21	79	28
		78	16	84	37(112)	35	35	73	73	16	77	38	84(247)
131.2	6.4	76	76	32	32	94	47	54	19(40)	90	18	81	26
		79	12	87	36(113)	33	33	75	75	12	78	37	87(246)
137.8	6.2	78	78	29	29	99	45	56	15(42)	94	14	84	23
		84	8	90	33(110)	30	30	77	77	8	83	33	90(249)
144.4	6.0	80	80	27	27	103	43	57	11(43)	98	10	87	20
		86	4	94	31(111)	28	28	79	79	4	85	32	94(248)
150.9	5.3	81	81	26	26	105	43	57	10(43)	99	8	88	18
		87	2	95	30(111)	27	27	80	80	2	86	31	95(248)
157.5	4.4	81	81	26	26	105	42	57	9(43)	99	8	88	18
		87	1	95	30(111)	26	26	80	80	1	86	31	95(248)
164.0	3.5	81	81	25	25	105	41	57	9(44)	99	7	88	18
		86	1	95	30(112)	26	26	80	80	0	85	31	95(247)

 HA=161.4 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.7 8.0 8.8 8.9

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 166.0 ft Length of jib = 82.0 ft

Main boom sequence = 0-45-90-90-90-90 % LK = 68

Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B		C		D		
85.3	10.1	64	64	45	45	68	60	49	43(16)	70	41	65	43
		70	41	65	43(90)	47	47	63	63	41	70	43	65(270)
91.9	9.7	66	66	43	43	74	57	50	37(27)	74	36	69	40
		72	35	70	41(99)	44	44	65	65	34	72	42	70(260)
98.4	9.5	69	69	40	40	80	54	52	32(34)	79	31	72	36
		75	28	75	40(105)	41	41	68	68	28	74	41	75(254)
105.0	9.0	71	71	37	37	85	51	54	28(38)	83	27	75	33
		76	23	79	39(109)	38	38	71	71	23	75	40	80(250)
111.5	8.6	74	74	35	35	90	48	55	24(41)	87	23	78	30
		78	18	83	38(111)	36	36	73	73	18	77	38	83(248)
118.1	8.4	76	76	32	32	95	48	55	19(40)	91	18	81	26
		80	13	88	37(113)	33	33	75	75	13	79	37	88(246)
124.7	7.9	78	78	30	30	99	46	56	16(42)	95	15	84	23
		84	9	90	33(110)	31	31	77	77	9	83	34	91(249)
131.2	7.5	80	80	28	28	103	44	57	12(43)	98	11	87	21
		86	5	94	32(111)	29	29	79	79	5	85	33	94(248)
137.8	6.4	80	80	27	27	103	43	57	11(43)	98	10	87	20
		86	4	94	32(111)	28	28	79	79	4	85	32	94(248)
144.4	5.5	81	81	26	26	104	43	57	10(43)	99	9	88	19
		86	2	95	31(111)	27	27	80	80	2	86	31	95(248)

150.9 4.6 81 81 26 26 105 42 57 9(43) 99 8 88 18
 87 1 95 30(111) 26 26 80 80 1 86 31 95(248)
 157.5 3.5 80 80 26 26 104 42 56 10(43) 98 8 87 18
 86 2 94 30(111) 26 26 80 80 2 85 31 95(248)
 164.0 2.9 81 81 25 25 105 41 57 8(44) 99 7 88 17
 86 0 95 30(112) 26 26 80 80 0 85 31 96(247)

 HA=166.0 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.7 8.0 8.9 8.9

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 175.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		6(...)		
		4(...)	5(180)			6(...)				
		A B C D	A B C D	A B C D	A B C D					
91.9	8.6	64 64 44 44	70 58 49 40	21(21)	71 39 66 41					
		71 38 67 42	45 45 63 63	38 70 42 67	266(266)					
98.4	8.2	67 67 42 42	75 55 51 36	29(29)	75 35 69 38					
		72 33 71 41	101(101)	43 43 66 66	32 72 41 71	258(258)				
105.0	7.7	69 69 39 39	80 53 52 32	34(34)	78 31 72 35					
		74 28 75 40	105(105)	40 40 68 68	28 74 40 75	254(254)				
111.5	7.5	71 71 37 37	85 50 54 27	38(38)	83 26 75 32					
		76 22 80 39	109(109)	38 38 71 71	22 75 39 80	250(250)				
118.1	7.1	73 73 35 35	90 48 55 23	41(41)	86 22 78 29					
		77 18 83 38	111(111)	35 35 73 73	18 77 38 83	248(248)				
124.7	6.8	76 76 32 32	94 48 55 19	40(40)	90 18 81 26					
		79 13 87 37	113(113)	33 33 75 75	13 78 37 87	246(246)				
131.2	6.6	78 78 30 30	99 45 56 15	42(42)	95 14 84 23					
		84 8 90 33	110(110)	30 30 77 77	8 83 33 91	249(249)				
137.8	6.4	80 80 27 27	104 43 57 11	43(43)	99 10 87 20					
		86 3 94 31	111(111)	28 28 80 80	3 85 32 95	248(248)				
144.4	5.3	80 80 27 27	103 43 57 11	43(43)	98 9 87 19					
		86 3 94 31	111(111)	27 27 80 80	3 85 32 94	248(248)				
150.9	4.4	80 80 26 26	104 43 57 10	43(43)	99 9 87 19					
		86 2 95 30	111(111)	27 27 80 80	2 85 31 95	248(248)				
157.5	3.5	80 80 26 26	104 42 57 9	43(43)	99 8 87 18					
		86 1 95 30	111(111)	26 26 80 80	1 85 31 95	248(248)				
164.0	2.6	80 80 26 26	104 42 56 9	43(43)	99 8 87 18					
		86 1 95 30	111(111)	26 26 80 80	1 85 31 95	248(248)				

 HA=175.5 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.7 7.9 8.8 8.8

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 180.1 ft Length of jib = 82.0 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		6(...)		
		4(...)	5(180)			6(...)				
		A B C D	A B C D	A B C D	A B C D					

91.9	9.7	67	67	42	42	76	56	51	35(30)	76	34	70	38
		73	32	72	41(102)	43	43	66	66	32	73	41	72(257)
98.4	9.3	70	70	39	39	82	52	53	31(36)	80	30	73	35
		75	27	77	40(106)	40	40	69	69	27	75	40	77(253)
105.0	9.0	73	73	36	36	88	50	54	26(39)	85	25	77	31
		77	21	82	39(110)	37	37	72	72	21	77	39	82(249)
111.5	8.6	75	75	34	34	93	47	56	21(42)	89	21	80	28
		79	16	86	37(112)	35	35	74	74	15	78	38	86(247)
118.1	8.4	78	78	31	31	98	47	56	17(41)	93	16	83	24
		81	10	90	36(114)	32	32	77	77	10	80	37	90(245)
124.7	7.7	79	79	29	29	101	45	56	14(42)	96	13	86	22
		85	7	92	32(110)	30	30	78	78	7	85	33	92(249)
131.2	6.6	80	80	28	28	102	44	57	13(43)	97	11	86	21
		85	5	93	32(111)	29	29	79	79	5	84	33	93(248)
137.8	5.5	80	80	27	27	102	43	57	12(43)	97	11	86	20
		85	4	93	32(111)	28	28	79	79	4	84	32	93(248)
144.4	4.4	79	79	27	27	102	43	57	11(43)	97	10	86	20
		85	4	93	31(111)	28	28	79	79	4	84	32	93(248)
150.9	3.5	80	80	26	26	103	43	56	11(43)	97	9	86	19
		85	3	93	31(111)	27	27	79	79	3	84	32	93(248)
157.5	2.6	79	79	26	26	103	42	56	10(43)	97	9	86	19
		85	2	93	30(111)	27	27	79	79	2	84	31	94(248)

 HA=180.1 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.5 7.9 8.7 8.7

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 191.9 ft Length of jib = 82.0 ft
 Main boom sequence = 0-100-100-100-100-100 % LK = 74
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
98.4	8.2	68	68	41	41	78	54	52	34(32)	77	32	71	37
		73	30	73	40(104)	41	41	67	67	30	73	41	74(255)
105.0	7.7	70	70	38	38	83	51	53	29(37)	81	28	74	34
		75	25	77	39(107)	39	39	69	69	25	75	39	78(252)
111.5	7.5	73	73	35	35	89	49	55	24(40)	86	24	77	30
		77	19	82	38(110)	36	36	72	72	19	77	38	82(249)
118.1	7.1	75	75	33	33	93	47	56	21(42)	89	20	80	27
		79	15	86	37(112)	34	34	74	74	14	78	37	86(247)
124.7	6.8	78	78	30	30	97	46	55	16(41)	93	15	83	24
		80	9	90	36(114)	31	31	77	77	9	80	36	90(245)
131.2	6.2	79	79	28	28	100	45	56	14(42)	96	13	85	22
		85	7	91	32(110)	29	29	78	78	6	84	33	92(249)
137.8	5.1	79	79	28	28	101	44	56	13(42)	96	12	85	21
		85	6	92	32(110)	29	29	78	78	6	84	32	92(249)
144.4	4.2	79	79	27	27	102	43	56	12(43)	97	10	86	20
		85	4	93	31(111)	28	28	78	78	4	84	32	93(248)
150.9	3.3	79	79	27	27	102	43	56	11(43)	97	9	86	19
		85	3	93	31(111)	27	27	79	79	3	84	32	93(248)
157.5	2.4	79	79	26	26	102	42	56	10(43)	97	9	86	19
		85	2	93	30(111)	27	27	79	79	2	84	31	93(248)

 HA=191.9 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.5 7.8 8.7 8.7

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 193.9 ft Length of jib = 82.0 ft
 Main boom sequence = 45-90-90-90-90-90 % LK = 76
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C
98.4	9.3	71	71	37	37	85	51	54	28(38)	83	27	75	33				
		76	24	79	39(108)	39	39	71	71	24	76	39	79(251)				
105.0	9.0	75	75	34	34	91	48	56	23(41)	88	22	79	29				
		78	17	84	38(111)	35	35	73	73	17	78	38	84(248)				
111.5	8.6	77	77	32	32	96	47	56	19(41)	92	18	82	26				
		80	12	88	36(113)	33	33	76	76	12	80	37	89(246)				
118.1	7.7	78	78	30	30	99	46	56	16(42)	94	15	84	23				
		84	9	90	33(110)	31	31	77	77	9	83	34	90(249)				
124.7	6.4	78	78	29	29	99	45	56	15(42)	94	14	84	23				
		84	8	90	33(110)	30	30	77	77	8	83	33	91(249)				
131.2	5.3	78	78	29	29	100	45	56	14(42)	95	13	84	22				
		84	7	91	32(110)	29	29	78	78	7	84	33	91(249)				
137.8	4.2	78	78	28	28	100	44	56	13(42)	95	12	85	21				
		84	6	91	32(110)	29	29	78	78	6	84	32	91(249)				
144.4	3.3	79	79	27	27	101	43	56	12(43)	96	11	85	20				
		84	4	92	32(111)	28	28	78	78	4	83	32	92(248)				
150.9	2.2	78	78	27	27	100	43	55	12(42)	95	11	85	20				
		84	5	91	31(110)	28	28	78	78	4	84	31	91(249)				

 HA=193.9 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.4 7.8 8.6 8.6

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 205.7 ft Length of jib = 82.0 ft
 Main boom sequence = 45-100-100-100-100-100 % LK = 77
 Counterweight = 75.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C
105.0	7.7	72	72	36	36	86	50	54	26(39)	84	26	76	32				
		77	22	80	38(109)	37	37	71	71	21	76	39	80(250)				
111.5	7.5	75	75	34	34	92	47	56	21(42)	88	21	79	28				
		78	16	85	37(112)	34	34	74	74	15	78	38	85(247)				
118.1	7.3	77	77	31	31	97	47	56	17(41)	93	16	83	24				
		80	10	90	36(114)	32	32	77	77	10	80	37	90(245)				
124.7	6.2	78	78	30	30	99	45	56	15(42)	94	14	84	23				
		84	9	90	33(110)	30	30	77	77	8	83	34	90(249)				
131.2	4.9	78	78	29	29	98	45	56	15(42)	94	14	83	23				
		83	8	90	33(110)	30	30	77	77	8	82	33	90(249)				
137.8	4.0	78	78	28	28	99	44	56	14(42)	95	12	84	21				
		84	6	91	32(110)	29	29	77	77	6	83	32	91(249)				

144.4 2.9 78 78 28 28 99 44 55 13(42) 95 12 84 21
 84 6 91 32(110) 29 29 77 77 6 83 32 91(249)

HA=205.7 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.2 7.7 8.4 8.5

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 208.0 ft Length of jib = 82.0 ft
 Main boom sequence = 90-90-90-90-90-90 % LK = 78
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
105.0	8.8	76	76	33	33	93	47	56	21(42)	90	20	80	28
		79	15	86	37(112)	34	34	75	75	15	79	38	86(247)
111.5	7.9	77	77	31	31	96	47	56	18(41)	92	17	82	25
		80	11	89	37(114)	32	32	76	76	11	79	37	89(245)
118.1	6.4	77	77	31	31	96	46	55	17(41)	92	16	82	24
		80	10	89	36(114)	32	32	76	76	10	79	37	89(245)
124.7	5.3	77	77	30	30	97	46	55	16(41)	93	15	83	23
		83	9	89	32(109)	31	31	77	77	9	83	33	89(250)
131.2	4.0	77	77	30	30	97	45	55	16(41)	93	14	83	23
		83	9	89	32(109)	30	30	76	76	9	82	33	89(250)
137.8	3.1	77	77	28	28	98	44	55	14(42)	94	13	84	22
		83	7	90	32(110)	29	29	77	77	7	82	32	90(249)

HA=208.0 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.1 7.7 8.4 8.4

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 219.8 ft Length of jib = 82.0 ft
 Main boom sequence = 90-100-100-100-100-100 % LK = 80
 Counterweight = 75.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
105.0	7.7	73	73	35	35	89	49	55	24(40)	86	23	78	30
		77	19	83	38(111)	36	36	72	72	19	77	39	83(248)
111.5	7.5	76	76	32	32	95	48	55	19(40)	91	18	81	26
		80	13	88	37(113)	33	33	75	75	13	79	37	88(246)
118.1	6.2	77	77	31	31	95	47	55	18(41)	91	17	82	25
		80	11	88	36(113)	32	32	76	76	11	79	36	88(246)
124.7	4.9	76	76	30	30	96	46	55	17(41)	92	16	82	24
		79	10	89	36(114)	31	31	76	76	10	78	36	89(245)
131.2	3.7	77	77	30	30	96	45	55	16(41)	92	15	82	23
		83	9	88	32(109)	30	30	76	76	9	82	33	88(250)
137.8	2.6	77	77	29	29	96	45	54	15(41)	92	14	82	23
		82	9	88	32(109)	30	30	76	76	8	82	32	89(250)

HA=219.8 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.0 7.6 8.2 8.2

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

14.10.2003, 15:45:01

Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137612_tab.txt

H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer KS

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Outrigger width   = 18.7 ft           Outrigger length = 27.7 ft
Outrigger "A"    X = 12.0 ft         Outrigger "A"    Y =  9.4 ft
Outrigger "B"    X = 12.0 ft         Outrigger "B"    Y = -9.4 ft
Outrigger "C"    X = -15.7 ft        Outrigger "C"    Y =  9.4 ft
Outrigger "D"    X = -15.7 ft        Outrigger "D"    Y = -9.4 ft
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Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 40.7 ft           Length of jib    = 82.0 ft
Main boom sequence = 0-0-0-0-0-0 %      LK = 1
Counterweight      = 68.6 kip
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Radius Cap. [ft]	Outrigger Loadin[kip]	(Pos.[Degrees])				0-360 Degr.									
		1(0)		2(...)											
		3(90)		4(...)											
[kip]	A	B	C	D	A	B	C	D	A	B	C	D			
16.4	27.1	46	46	68	68	35	69	49	75	59	38	78	41	71	
		50	80	37	61	128	70	70	45	45		80	50	61	37
19.7	26.5	48	48	66	66	39	67	50	71	59	42	74	44	68	
		51	76	41	60	128	67	67	47	47		76	51	60	41
23.0	25.1	50	50	64	64	42	65	51	68	59	44	71	46	66	
		52	73	43	59	128	65	65	48	48		73	52	59	43
26.2	24.0	51	51	62	62	45	63	52	65	59	47	67	48	63	
		53	69	45	58	128	63	63	49	49		69	53	58	45
29.5	22.7	52	52	60	60	47	61	52	63	59	49	65	49	61	
		53	66	48	57	128	62	62	50	50		66	53	57	48
32.8	21.6	53	53	58	58	50	60	53	60	59	51	62	51	59	
		54	63	50	56	128	60	60	52	52		63	54	56	50
39.4	19.4	55	55	56	56	54	57	54	56	59	54	57	53	56	
		55	58	53	55	127	57	57	54	54		58	55	55	53
45.9	17.2	56	56	53	53	57	54	55	52	59	57	54	55	53	
		56	53	56	54	127	54	54	55	55		53	56	54	56
52.5	15.9	58	58	51	51	61	52	56	49	59	60	49	58	50	
		57	49	59	52	128	52	52	57	57		49	57	52	59
59.1	14.3	59	59	49	49	63	50	56	46	59	62	46	60	47	
		58	45	61	52	128	50	50	58	58		45	58	52	61
65.6	12.8	60	60	47	47	66	48	57	43	59	64	44	61	45	
		64	44	61	45	90	48	48	59	59		44	64	45	61
72.2	11.9	61	61	45	45	63	59	47	43	10	67	41	63	43	
		67	41	63	43	90	46	46	61	61		41	67	43	63
78.7	11.0	63	63	43	43	67	57	48	40	20	69	38	65	41	
		69	37	65	41	92	44	44	62	62		37	69	41	65

85.3	10.4	64	64	41	41	71	55	49	36(26)	72	35	67	38
		70	33	68	40(98)	42	42	63	63	33	70	40	68(261)
91.9	9.5	65	65	40	40	74	53	50	34(30)	73	32	68	37
		71	31	70	39(101)	41	41	64	64	30	70	40	70(258)
98.4	9.0	67	67	38	38	77	51	51	31(34)	76	30	70	35
		72	27	73	39(105)	39	39	66	66	27	71	39	73(254)
105.0	8.6	68	68	37	37	80	50	51	28(36)	78	27	72	32
		73	23	75	38(107)	37	37	67	67	23	73	38	76(252)

HA= 40.7 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 7.5 7.5 7.0 7.0

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 54.5 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-0-45 % LK = 7

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B C D	A B C D	A B C D	A B C D	A B C D							
19.7	25.1	47	47	66	66	38	67	50	72(59)	41	74	43	69
		50	77	39	60(128)	67	67	46	46	77	50	60	39(232)
23.0	24.7	49	49	64	64	42	65	51	69(59)	44	71	45	66
		52	73	43	59(128)	65	65	48	48	73	52	59	43(232)
26.2	23.6	50	50	62	62	45	63	52	66(59)	46	68	47	63
		52	69	45	58(128)	63	63	49	49	69	52	58	45(232)
29.5	22.7	52	52	60	60	47	61	52	63(59)	49	65	49	61
		53	66	48	57(128)	62	62	50	50	66	53	57	48(232)
32.8	21.8	53	53	58	58	50	59	53	60(59)	51	62	51	59
		54	63	50	56(128)	60	60	52	52	63	54	56	50(232)
39.4	19.8	55	55	55	55	55	56	54	56(59)	55	57	54	55
		55	57	54	55(127)	56	56	54	54	57	55	55	54(232)
45.9	18.1	57	57	52	52	59	54	55	52(59)	58	52	56	52
		57	52	57	54(128)	54	54	56	56	52	57	54	57(232)
52.5	16.3	58	58	50	50	62	52	56	48(59)	61	49	58	49
		57	48	60	52(128)	51	51	58	58	48	57	52	60(232)
59.1	15.2	60	60	48	48	66	49	57	44(59)	64	45	61	46
		64	45	61	46(90)	49	49	59	59	45	64	46	61(270)
65.6	13.9	62	62	46	46	63	60	47	45(6)	67	42	63	44
		67	42	63	44(90)	47	47	61	61	42	67	44	63(270)
72.2	12.8	63	63	44	44	67	58	48	41(18)	69	39	65	42
		69	39	65	42(91)	45	45	62	62	38	69	42	65(268)
78.7	11.7	64	64	43	43	70	56	49	38(24)	71	36	66	40
		70	35	67	41(96)	43	43	63	63	35	69	41	67(263)
85.3	11.0	65	65	41	41	74	54	50	34(30)	74	33	68	37
		71	31	70	40(101)	41	41	65	65	31	71	40	70(258)
91.9	10.1	66	66	39	39	77	52	51	32(33)	75	31	70	35
		72	28	72	39(104)	40	40	66	66	28	71	39	73(255)
98.4	9.3	67	67	38	38	78	51	51	30(34)	77	29	71	34
		72	26	74	38(105)	39	39	67	67	26	72	39	74(254)
105.0	8.8	69	69	36	36	82	49	52	27(37)	80	26	73	32
		73	22	77	38(108)	37	37	68	68	22	73	38	77(251)
111.5	8.2	69	69	35	35	84	48	52	25(38)	81	24	74	30
		74	20	78	37(109)	35	35	69	69	20	74	37	78(250)

118.1 7.7 71 71 34 34 86 47 53 23(40) 83 21 75 28
 75 17 80 36(110) 34 34 70 70 17 75 37 80(249)

HA= 54.5 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.0 7.1 7.5 7.5

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 68.6 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-0-90 % LK = 13

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)				2(...)				
	4(...)				5(180)				
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	
23.0 22.9	48 48 64 64	40 65 50 69(59)	42 71 44 67	50 74 41 59(128)	65 65 47 47	74 50 59 41(232)			
26.2 22.5	50 50 62 62	43 63 51 66(59)	45 68 47 64	52 70 44 58(128)	63 63 48 48	70 52 58 44(232)			
29.5 21.8	51 51 60 60	46 61 52 63(59)	48 65 49 62	53 66 47 57(128)	62 62 50 50	66 53 57 47(232)			
32.8 21.2	53 53 58 58	49 60 53 61(59)	50 62 50 60	54 63 49 56(128)	60 60 51 51	63 54 56 49(232)			
39.4 19.4	55 55 55 55	54 57 54 56(59)	54 57 53 56	55 58 53 55(127)	57 57 54 54	58 55 55 53(232)			
45.9 17.6	57 57 53 53	58 54 55 52(59)	58 53 56 52	56 52 56 54(128)	54 54 56 56	52 56 54 56(232)			
52.5 15.9	58 58 50 50	61 52 56 49(59)	60 49 58 50	57 49 59 52(128)	52 52 57 57	49 57 52 59(232)			
59.1 14.1	59 59 49 49	63 50 56 46(59)	62 47 59 47	58 45 61 52(128)	50 50 58 58	45 58 52 61(232)			
65.6 13.0	60 60 47 47	67 48 57 43(59)	65 43 61 45	65 43 61 45(90)	47 47 60 60	43 65 45 61(270)			
72.2 11.9	62 62 45 45	64 59 47 43(11)	67 40 63 43	67 40 63 43(90)	46 46 61 61	40 67 43 63(270)			
78.7 10.6	62 62 44 44	66 57 47 41(17)	68 38 64 41	68 38 64 41(90)	44 44 62 62	38 68 41 64(269)			
85.3 9.5	63 63 43 43	68 56 48 39(22)	69 36 65 40	69 36 66 41(94)	43 43 62 62	35 69 41 66(265)			
91.9 8.8	64 64 41 41	71 54 49 36(27)	72 34 67 38	70 32 68 40(99)	41 41 63 63	32 69 40 68(260)			
98.4 8.4	65 65 39 39	75 52 50 32(32)	74 31 69 36	71 29 71 39(103)	40 40 65 65	28 71 39 71(256)			
105.0 7.7	66 66 38 38	77 51 50 30(34)	76 29 70 34	71 26 73 38(105)	38 38 66 66	26 71 39 73(254)			
111.5 7.1	67 67 37 37	79 50 51 28(36)	77 27 71 33	72 24 74 37(106)	37 37 67 67	24 72 38 75(253)			
118.1 6.6	68 68 35 35	81 49 51 26(37)	79 25 73 31	73 21 77 37(108)	36 36 68 68	21 73 37 77(251)			
124.7 6.2	69 69 34 34	84 47 52 24(39)	81 23 74 29	74 19 78 36(109)	35 35 69 69	19 73 37 78(250)			
131.2 5.7	70 70 33 33	86 46 52 22(40)	83 21 75 28	75 17 80 36(110)	34 34 70 70	16 74 36 80(249)			

HA= 68.6 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.0 6.9 7.4 7.4

 Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-100 % LK = 14
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip] (Pos.[Degrees]) 0-360 Degr.															
		1(0)				2(...)				3(90)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
23.0	22.7	48	48	64	64	39	65	50	69(59)	42	71	44	67	50	74	41	59(128)
26.2	22.3	50	50	62	62	43	63	51	66(59)	45	68	46	64	52	70	44	58(128)
29.5	21.6	51	51	60	60	46	61	52	63(59)	47	65	48	62	53	67	47	57(128)
32.8	20.3	52	52	59	59	48	60	52	61(59)	49	63	50	60	53	64	48	56(128)
39.4	18.1	54	54	56	56	52	57	53	57(59)	52	58	52	57	54	59	51	55(128)
45.9	16.3	55	55	54	54	56	55	54	53(59)	55	54	54	54	55	54	54	54(127)
52.5	14.3	56	56	52	52	58	53	54	50(59)	57	51	56	51	56	51	56	53(128)
59.1	12.3	56	56	50	50	59	51	55	49(59)	58	49	57	49	56	48	58	52(128)
65.6	11.2	58	58	49	49	62	49	55	46(59)	61	46	58	47	56	45	60	51(128)
72.2	10.4	59	59	47	47	65	48	56	43(59)	63	43	60	45	63	43	60	45(90)
78.7	9.3	60	60	45	45	60	60	46	45(2)	65	41	61	43	65	41	61	43(90)
85.3	8.2	60	60	44	44	63	58	46	43(10)	66	39	62	42	66	39	62	42(90)
91.9	7.7	62	62	43	43	67	56	47	39(20)	68	37	64	40	68	36	65	40(93)
98.4	7.1	63	63	41	41	69	54	48	37(25)	70	34	65	38	69	33	67	40(97)
105.0	6.4	63	63	40	40	71	53	49	35(28)	71	33	67	37	69	31	68	39(100)
111.5	6.0	65	65	39	39	74	52	49	32(31)	73	30	68	35	70	28	70	39(103)
118.1	5.5	66	66	38	38	76	50	50	30(34)	75	28	69	34	71	26	72	38(105)
124.7	5.1	67	67	37	37	78	49	50	28(35)	77	27	71	32	72	23	74	37(106)
131.2	4.9	68	68	35	35	81	48	51	26(38)	79	24	72	30	73	21	76	37(108)
137.8	4.4	69	69	34	34	83	47	52	24(39)	80	23	73	29	73	19	77	36(109)

 HA= 70.2 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 7.7 6.9 7.2 7.2

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 82.3 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		4(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
26.2	21.6	49	49	62	62	43	63	51	66(59)	45	68	46	64	
		51	70	44	58(128)	63	63	48	48	70	51	58	44(232)	
29.5	21.2	51	51	60	60	46	61	52	63(59)	47	65	48	62	
		52	66	46	57(128)	62	62	50	50	66	52	57	46(232)	
32.8	20.7	53	53	58	58	49	59	53	61(59)	50	62	50	59	
		54	63	49	56(128)	60	60	51	51	63	54	56	49(232)	
39.4	19.4	55	55	55	55	55	56	54	55(59)	55	57	54	55	
		55	57	54	55(127)	56	56	54	54	57	55	55	54(232)	
45.9	17.9	57	57	52	52	59	54	55	51(59)	59	52	57	52	
		57	52	57	53(128)	53	53	56	56	52	57	53	57(232)	
52.5	16.5	59	59	50	50	63	51	56	47(59)	62	48	60	49	
		58	47	61	52(128)	51	51	58	58	47	58	52	61(232)	
59.1	15.0	61	61	48	48	66	49	57	44(59)	65	44	61	46	
		65	44	61	46(90)	49	49	60	60	44	65	46	61(270)	
65.6	13.4	62	62	46	46	63	60	47	45(7)	67	41	63	44	
		67	41	63	44(90)	47	47	61	61	41	67	44	63(270)	
72.2	12.6	63	63	44	44	68	57	48	40(20)	70	38	65	41	
		69	38	65	41(92)	44	44	62	62	37	69	41	65(267)	
78.7	11.7	65	65	42	42	72	55	49	37(27)	72	35	67	39	
		71	34	69	40(98)	43	43	64	64	34	70	41	69(261)	
85.3	10.6	65	65	40	40	74	54	50	34(30)	74	33	68	37	
		71	31	70	40(101)	41	41	65	65	31	71	40	71(258)	
91.9	9.7	66	66	39	39	77	52	50	32(33)	76	30	70	35	
		72	28	72	39(104)	39	39	66	66	28	71	39	73(255)	
98.4	8.8	67	67	38	38	78	51	51	30(35)	77	28	71	34	
		72	25	74	38(106)	38	38	67	67	25	72	39	74(253)	
105.0	8.4	69	69	36	36	82	49	52	27(37)	80	26	73	32	
		73	22	77	37(108)	36	36	68	68	22	73	38	77(251)	
111.5	7.7	70	70	35	35	84	48	52	25(39)	81	23	74	30	
		74	19	78	37(109)	35	35	69	69	19	74	37	79(250)	
118.1	7.3	71	71	33	33	87	47	53	22(40)	84	21	76	28	
		75	16	81	36(111)	34	34	71	71	16	74	37	81(248)	
124.7	6.6	71	71	32	32	88	45	53	21(41)	85	19	77	27	
		76	15	82	35(111)	33	33	71	71	15	75	36	82(248)	
131.2	6.4	73	73	31	31	91	45	53	18(40)	87	17	79	25	
		76	11	85	35(113)	31	31	73	73	11	76	36	85(246)	
137.8	6.0	74	74	30	30	93	44	54	16(41)	89	15	80	23	
		77	9	86	34(113)	30	30	74	74	9	77	35	86(246)	
144.4	5.7	75	75	28	28	96	43	54	14(42)	91	12	82	21	
		81	7	88	31(110)	28	28	75	75	6	80	32	88(249)	

HA= 82.3 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.9 7.5 8.2 8.2

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 84.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21

Counterweight = 68.6 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
26.2	21.2	49	49	62	62	42	63	51	67(59)	44	68	46	64
		51	70	43	58(128)	63	63	48	48	70	51	58	43(232)
29.5	20.9	51	51	60	60	46	61	52	63(59)	47	65	48	62
		52	67	46	57(128)	62	62	50	50	67	52	57	46(232)
32.8	20.5	52	52	58	58	49	60	53	61(59)	50	62	50	60
		54	63	49	56(128)	60	60	51	51	63	54	56	49(232)
39.4	18.5	54	54	56	56	53	57	54	56(59)	54	58	53	56
		55	58	52	55(127)	57	57	53	53	58	55	55	52(232)
45.9	16.8	56	56	53	53	57	54	55	52(59)	57	53	55	53
		56	53	56	54(127)	54	54	55	55	53	56	54	56(232)
52.5	15.0	57	57	51	51	60	52	55	49(59)	59	50	57	50
		56	49	58	52(128)	52	52	56	56	49	56	52	58(232)
59.1	13.4	58	58	49	49	63	50	56	46(59)	62	47	59	48
		57	45	60	52(128)	50	50	58	58	45	57	52	60(232)
65.6	11.9	59	59	47	47	65	49	56	44(59)	63	44	60	46
		63	44	60	46(90)	48	48	59	59	44	63	46	60(270)
72.2	11.0	61	61	45	45	62	59	46	44(6)	66	41	62	43
		66	41	62	43(90)	46	46	60	60	41	66	43	62(270)
78.7	10.1	62	62	44	44	66	57	47	41(17)	68	38	64	41
		68	38	64	41(90)	44	44	62	62	38	68	41	64(269)
85.3	9.3	63	63	42	42	69	56	48	38(23)	70	36	65	39
		69	35	66	40(96)	43	43	63	63	35	69	41	67(263)
91.9	8.4	64	64	41	41	71	54	49	35(27)	72	34	67	38
		69	32	68	40(99)	41	41	63	63	32	69	40	68(260)
98.4	7.7	65	65	39	39	74	52	50	33(31)	73	31	68	36
		70	29	70	39(102)	40	40	65	65	29	70	39	71(257)
105.0	7.1	66	66	38	38	76	51	50	31(33)	75	29	69	34
		71	27	72	38(104)	39	39	65	65	27	71	39	72(255)
111.5	6.6	67	67	37	37	79	49	51	28(36)	77	27	71	33
		72	24	74	37(106)	37	37	67	67	24	72	38	75(253)
118.1	6.2	68	68	35	35	82	48	52	26(38)	79	25	73	31
		73	21	77	37(108)	36	36	68	68	21	73	37	77(251)
124.7	5.5	69	69	35	35	83	48	52	25(38)	80	23	73	30
		73	19	77	37(109)	35	35	68	68	19	73	37	78(250)
131.2	5.3	70	70	33	33	86	46	52	22(40)	83	21	75	28
		75	16	80	35(110)	33	33	70	70	16	74	36	80(249)
137.8	5.1	71	71	32	32	89	44	54	20(42)	85	18	77	26
		75	13	82	35(112)	32	32	71	71	13	75	36	83(247)
144.4	4.6	72	72	31	31	90	45	52	19(40)	86	17	78	25
		76	11	84	34(112)	31	31	72	72	11	75	35	84(247)
150.9	4.4	73	73	29	29	92	44	53	16(41)	88	15	79	23
		79	9	85	32(109)	30	30	73	73	9	78	32	85(250)

HA= 84.0 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.6 7.3 7.9 7.9

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 96.5 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-90-90 % LK = 28

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	4(...)		5(180)		A B C D		A B C D						
29.5	19.8	50	50	60	60	45	61	51	64(59)	46	65	47	62
		52	67	45	57(128)	62	62	49	49	67	52	57	45(232)
32.8	19.6	52	52	59	59	48	60	52	61(59)	49	62	50	60
		53	63	48	56(128)	60	60	51	51	63	53	56	48(232)
39.4	18.7	55	55	55	55	54	56	54	56(59)	54	57	54	55
		55	57	53	55(127)	56	56	54	54	57	55	55	53(232)
45.9	17.6	57	57	52	52	59	53	55	51(59)	59	52	57	52
		57	51	58	53(128)	53	53	56	56	51	57	53	58(232)
52.5	16.3	59	59	49	49	64	51	56	47(59)	62	47	60	48
		58	46	61	52(128)	50	50	58	58	46	58	52	61(232)
59.1	15.2	61	61	47	47	68	48	58	43(59)	66	43	62	45
		66	43	62	45(90)	48	48	60	60	43	66	45	62(270)
65.6	14.1	63	63	45	45	67	59	48	42(16)	69	40	65	42
		69	40	65	42(90)	46	46	62	62	40	69	42	65(270)
72.2	12.8	64	64	43	43	70	57	49	39(23)	71	37	66	40
		70	36	67	41(96)	44	44	63	63	36	70	41	67(263)
78.7	11.9	65	65	41	41	74	54	50	35(29)	74	34	68	38
		71	32	70	40(101)	42	42	65	65	32	71	40	70(258)
85.3	11.2	67	67	39	39	78	52	51	31(34)	77	30	71	35
		72	27	73	39(105)	40	40	67	67	27	72	39	74(254)
91.9	10.4	68	68	37	37	80	50	52	29(36)	79	28	72	33
		73	24	76	38(107)	38	38	68	68	24	73	39	76(252)
98.4	9.5	69	69	36	36	83	49	52	27(38)	80	25	73	32
		74	22	77	37(108)	37	37	69	69	22	74	38	78(251)
105.0	8.8	71	71	35	35	85	48	53	24(39)	82	23	75	30
		75	19	80	37(110)	35	35	70	70	19	74	37	80(249)
111.5	8.4	72	72	33	33	89	46	54	21(41)	85	20	77	27
		76	15	82	36(111)	33	33	71	71	15	75	36	82(248)
118.1	7.7	73	73	32	32	91	45	54	19(42)	87	18	78	26
		77	13	84	35(112)	32	32	72	72	13	76	36	84(247)
124.7	7.3	74	74	30	30	93	45	53	17(40)	89	16	80	24
		77	10	86	35(113)	30	30	74	74	10	77	35	86(246)
131.2	6.8	75	75	29	29	95	44	54	15(41)	91	13	81	22
		81	8	87	31(109)	29	29	75	75	8	81	32	88(250)
137.8	6.4	76	76	28	28	97	43	54	13(42)	93	11	83	21
		82	6	89	31(110)	28	28	76	76	5	81	32	89(249)
144.4	6.0	77	77	26	26	99	41	55	11(43)	94	9	84	19
		82	3	91	30(111)	27	27	77	77	3	82	31	91(248)
150.9	5.3	77	77	26	26	100	41	55	11(43)	95	9	84	19
		83	2	91	30(111)	26	26	77	77	2	82	31	91(248)
157.5	4.9	78	78	25	25	101	41	55	9(43)	96	7	85	18
		83	1	92	29(111)	25	25	78	78	1	83	30	92(248)
164.0	4.2	78	78	25	25	101	41	55	9(43)	95	7	85	18
		83	1	92	29(111)	25	25	77	77	1	82	30	92(248)

HA= 96.5 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.6 8.6

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 100.4 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)				3(90)							
		4(...)				5(180)				6(...)							
A	B	C	D	A	B	C	D	A	B	C	D						
32.8	19.0	51	51	59	59	47	60	52	61(59)	49	63	49	60				
		53	64	48	56(128)	60	60	50	50	64	53	56	48(232)				
39.4	18.1	54	54	55	55	53	56	54	56(59)	54	57	53	56				
		54	58	52	55(127)	56	56	53	53	58	55	55	52(232)				
45.9	16.5	56	56	53	53	57	54	55	52(59)	57	53	56	52				
		56	52	56	53(127)	54	54	55	55	52	56	53	56(232)				
52.5	15.2	58	58	50	50	61	51	56	48(59)	60	49	58	49				
		57	48	59	52(128)	51	51	57	57	48	57	52	59(232)				
59.1	13.9	60	60	48	48	65	49	56	45(59)	63	45	60	47				
		58	44	62	51(128)	49	49	59	59	44	58	51	62(232)				
65.6	12.8	61	61	46	46	62	60	47	45(4)	66	42	62	44				
		66	42	62	44(90)	47	47	60	60	42	66	44	62(270)				
72.2	11.5	62	62	44	44	65	58	47	42(15)	68	39	64	42				
		68	39	64	42(90)	45	45	61	61	39	68	42	64(270)				
78.7	10.6	63	63	43	43	69	56	48	38(23)	70	36	66	40				
		69	35	67	41(95)	43	43	63	63	35	69	41	67(264)				
85.3	9.7	65	65	41	41	72	54	49	35(28)	72	34	67	38				
		70	32	69	40(100)	41	41	64	64	32	70	40	69(259)				
91.9	9.0	66	66	39	39	76	52	50	32(32)	75	31	69	35				
		71	28	72	39(103)	40	40	65	65	28	71	39	72(256)				
98.4	8.4	67	67	38	38	78	50	51	30(35)	77	28	71	34				
		72	25	74	38(106)	38	38	67	67	25	72	39	74(253)				
105.0	7.7	68	68	36	36	81	49	52	27(37)	79	26	72	32				
		73	22	76	37(107)	37	37	68	68	22	73	38	76(252)				
111.5	7.1	69	69	35	35	83	48	52	25(38)	80	24	73	30				
		73	20	78	37(109)	35	35	69	69	20	73	37	78(250)				
118.1	6.6	70	70	34	34	86	46	53	23(40)	83	22	75	28				
		75	17	80	36(110)	34	34	70	70	17	74	37	80(249)				
124.7	6.2	71	71	32	32	88	45	53	21(41)	85	19	77	27				
		75	15	82	35(111)	33	33	71	71	14	75	36	82(248)				
131.2	5.7	72	72	31	31	90	46	52	19(39)	86	17	78	25				
		76	12	84	35(112)	31	31	72	72	12	76	35	84(247)				
137.8	5.3	73	73	30	30	92	45	53	17(40)	88	15	79	24				
		77	10	85	34(113)	30	30	73	73	10	76	35	86(246)				
144.4	4.9	74	74	29	29	93	44	53	15(41)	90	14	80	22				
		80	8	86	32(109)	29	29	74	74	8	79	32	86(250)				
150.9	4.6	75	75	27	27	96	42	54	13(42)	92	11	82	21				
		81	6	88	31(110)	28	28	75	75	6	80	31	88(249)				
157.5	4.4	77	77	26	26	99	42	54	11(42)	94	9	84	19				
		83	3	90	30(110)	26	26	77	77	3	82	30	90(249)				
164.0	4.0	77	77	25	25	100	41	55	10(43)	95	8	84	18				
		82	2	91	30(111)	26	26	77	77	2	82	30	91(248)				

HA=100.4 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.6 8.5 8.5

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 110.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		4(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
32.8	18.7	52	52	58	58	48	59	52	61(59)	49	62	49	60	
		53	63	48	56(128)	60	60	50	50	63	53	56	48(232)	
39.4	18.1	55	55	55	55	54	56	54	55(59)	54	56	54	55	
		55	57	53	54(127)	56	56	54	54	57	55	54	53(232)	
45.9	17.2	58	58	52	52	60	53	56	50(59)	59	51	57	51	
		57	50	58	53(128)	53	53	56	56	50	57	53	58(232)	
52.5	16.3	60	60	49	49	65	50	57	46(59)	63	46	60	47	
		59	45	62	52(128)	50	50	59	59	45	59	52	62(232)	
59.1	15.4	62	62	46	46	64	60	48	45(9)	68	42	64	44	
		68	42	64	44(90)	47	47	62	62	42	68	44	64(270)	
65.6	14.3	64	64	44	44	70	57	49	40(22)	71	38	66	41	
		70	37	67	42(94)	45	45	63	63	37	70	42	67(265)	
72.2	13.4	66	66	41	41	74	55	50	35(29)	74	34	69	38	
		72	32	71	41(101)	42	42	65	65	32	71	41	71(258)	
78.7	12.3	67	67	39	39	78	53	51	32(33)	77	31	71	36	
		73	28	73	39(104)	40	40	67	67	28	72	40	73(255)	
85.3	11.7	69	69	37	37	82	50	52	28(37)	80	27	73	33	
		74	24	77	38(107)	38	38	69	69	24	74	39	77(252)	
91.9	10.8	71	71	35	35	85	49	53	26(39)	82	24	75	31	
		75	21	79	37(109)	36	36	70	70	21	75	38	79(250)	
98.4	10.1	72	72	34	34	88	47	54	23(40)	85	22	77	28	
		76	17	82	37(111)	34	34	71	71	17	75	37	82(248)	
105.0	9.5	73	73	32	32	91	45	55	20(42)	87	19	78	26	
		77	14	84	36(112)	33	33	73	73	14	77	36	84(247)	
111.5	8.8	75	75	31	31	93	46	54	18(40)	89	16	80	24	
		78	11	86	35(113)	31	31	74	74	11	77	36	86(246)	
118.1	8.2	75	75	29	29	95	45	54	16(41)	91	14	81	23	
		81	9	87	32(109)	30	30	75	75	9	81	32	88(250)	
124.7	7.9	77	77	27	27	99	43	55	12(42)	94	11	84	20	
		83	5	90	31(110)	28	28	77	77	5	83	31	91(249)	
131.2	7.1	77	77	27	27	100	42	56	11(43)	95	10	84	20	
		83	4	91	31(111)	27	27	77	77	4	82	31	91(248)	
137.8	6.2	77	77	26	26	100	41	55	11(43)	95	9	84	19	
		83	3	91	30(111)	26	26	77	77	3	82	31	91(248)	
144.4	5.5	78	78	26	26	101	41	55	10(43)	95	8	85	18	
		83	2	92	30(111)	26	26	77	77	2	82	30	92(248)	
150.9	4.9	78	78	25	25	101	41	55	9(43)	96	7	85	18	
		83	1	92	29(111)	25	25	78	78	1	83	30	92(248)	
157.5	4.2	78	78	25	25	101	40	55	9(43)	96	7	85	17	
		84	0	92	29(111)	25	25	78	78	0	83	30	93(248)	
164.0	3.5	78	78	24	24	101	40	55	9(43)	96	7	85	17	
		83	0	92	29(111)	25	25	78	78	0	82	30	92(248)	
177.2	2.4	77	77	24	24	101	40	55	8(43)	96	6	85	17	
		83	0	93	28(111)	24	24	77	77	0	82	29	93(248)	

HA=110.2 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.6 8.6

 Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 114.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip] (Pos.[Degrees]) 0-360 Degr.																										
		1(0)				2(...)				3(90)				4(...)				5(180)				6(...)						
		A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D							
39.4	17.6	54	54	55	55	54	56	54	56	(59)	54	57	53	55	55	57	53	55	(127)	56	56	53	53	57	55	54	53	(232)
45.9	16.5	57	57	52	52	59	53	55	51	(59)	58	52	56	52	56	51	57	53	(128)	53	53	56	56	51	56	53	57	(232)
52.5	15.4	59	59	49	49	63	51	56	47	(59)	62	47	59	48	58	46	58	52	(128)	50	50	58	58	46	58	52	61	(232)
59.1	14.1	61	61	47	47	67	48	57	43	(59)	65	44	62	45	65	44	62	45	(90)	48	48	60	60	44	65	45	62	(270)
65.6	13.0	62	62	45	45	65	59	48	43	(14)	68	40	64	43	68	40	64	43	(90)	46	46	62	62	40	68	43	64	(270)
72.2	12.1	64	64	43	43	70	56	49	38	(24)	71	36	66	40	70	35	67	41	(96)	43	43	63	63	35	70	41	67	(263)
78.7	11.0	65	65	41	41	73	54	50	35	(29)	73	34	68	38	71	32	70	40	(100)	42	42	65	65	32	71	40	70	(259)
85.3	10.1	66	66	39	39	76	52	50	32	(32)	75	31	70	35	72	28	72	39	(104)	40	40	66	66	28	71	39	73	(255)
91.9	9.5	68	68	37	37	80	50	52	29	(36)	78	28	72	33	73	25	75	38	(106)	38	38	67	67	24	73	38	75	(253)
98.4	8.8	69	69	36	36	83	49	52	26	(38)	80	25	73	31	74	21	77	37	(108)	36	36	69	69	21	74	38	78	(251)
105.0	8.4	71	71	34	34	86	47	53	23	(40)	83	22	76	29	75	17	80	36	(110)	34	34	71	71	17	75	37	80	(249)
111.5	7.7	72	72	32	32	89	46	54	21	(41)	85	20	77	27	76	15	82	36	(111)	33	33	71	71	15	76	36	82	(248)
118.1	7.1	73	73	31	31	90	47	52	19	(39)	87	18	78	26	77	13	84	35	(112)	32	32	73	73	12	76	36	84	(247)
124.7	6.6	74	74	30	30	93	45	54	17	(41)	89	15	80	24	78	9	86	34	(113)	30	30	74	74	9	77	35	86	(246)
131.2	6.4	76	76	28	28	96	43	54	14	(42)	92	12	82	21	82	6	88	31	(110)	28	28	75	75	6	81	32	89	(249)
137.8	6.0	77	77	27	27	99	42	54	12	(42)	94	10	84	20	83	4	90	30	(110)	27	27	77	77	4	82	31	90	(249)
144.4	5.5	78	78	26	26	101	41	55	10	(43)	95	8	85	18	83	2	92	30	(111)	26	26	78	78	1	83	30	92	(248)
150.9	4.6	77	77	26	26	100	41	55	10	(43)	95	8	84	18	83	2	91	30	(111)	26	26	77	77	2	82	30	92	(248)
157.5	4.0	77	77	25	25	100	41	55	9	(43)	95	8	84	18	83	1	91	29	(111)	25	25	77	77	1	82	30	92	(248)
164.0	3.3	77	77	25	25	100	40	55	9	(43)	95	7	84	18	83	1	91	29	(111)	25	25	77	77	1	82	30	91	(248)
177.2	2.4	78	78	24	24	101	40	55	8	(43)	96	6	85	17	82	0	93	28	(111)	24	24	78	78	0	82	28	94	(248)

 HA=114.5 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.7 8.7

 Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		6(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
39.4	17.2	54	54	55	55	54	56	54	55(59)	54	56	53	55	
		55	57	53	54(127)	56	56	53	53	57	55	54	53(232)	
45.9	16.5	57	57	52	52	60	53	55	50(59)	59	51	57	51	
		57	50	58	53(128)	53	53	56	56	50	57	53	58(232)	
52.5	15.9	60	60	49	49	65	50	57	45(59)	64	46	61	47	
		59	44	63	52(128)	49	49	59	59	44	59	52	63(232)	
59.1	15.0	62	62	46	46	65	60	48	44(11)	68	41	64	43	
		68	41	64	43(90)	47	47	62	62	41	68	43	64(270)	
65.6	14.3	65	65	43	43	71	56	50	38(25)	72	37	67	40	
		71	35	68	41(97)	44	44	64	64	35	71	41	68(262)	
72.2	13.4	67	67	41	41	76	54	51	34(31)	76	33	70	37	
		72	30	72	40(103)	41	41	66	66	30	72	41	72(256)	
78.7	12.6	69	69	38	38	80	52	52	30(35)	79	29	72	34	
		74	26	75	39(106)	39	39	68	68	26	73	39	76(253)	
85.3	11.9	71	71	36	36	84	49	53	26(38)	82	25	75	31	
		75	21	79	38(109)	37	37	70	70	21	75	38	79(250)	
91.9	11.0	72	72	34	34	88	48	54	23(40)	84	22	77	29	
		76	18	82	37(111)	35	35	71	71	18	75	38	82(248)	
98.4	10.6	74	74	32	32	92	45	55	20(42)	88	19	79	26	
		78	13	85	36(112)	33	33	73	73	13	77	36	85(247)	
105.0	9.9	75	75	30	30	95	45	54	17(41)	91	16	81	24	
		78	10	88	35(114)	31	31	75	75	10	78	36	88(245)	
111.5	9.3	77	77	29	29	97	44	55	14(42)	93	13	83	22	
		82	7	89	32(110)	29	29	76	76	7	82	32	89(249)	
118.1	8.4	77	77	28	28	99	43	55	13(42)	94	11	84	21	
		83	5	90	31(110)	28	28	77	77	5	82	32	90(249)	
124.7	7.3	77	77	27	27	99	43	55	12(42)	94	11	84	20	
		83	5	90	31(110)	28	28	77	77	5	82	31	90(249)	
131.2	6.4	77	77	27	27	99	43	55	11(42)	94	10	84	20	
		83	4	91	30(110)	27	27	77	77	4	82	31	91(249)	
137.8	5.7	78	78	26	26	101	41	55	10(43)	95	8	85	19	
		83	2	92	30(111)	26	26	77	77	2	82	31	92(248)	
144.4	4.9	77	77	26	26	100	41	55	10(43)	95	8	84	18	
		83	2	91	30(111)	26	26	77	77	2	82	30	92(248)	
150.9	4.2	78	78	25	25	101	41	55	9(43)	95	7	85	18	
		83	1	92	29(111)	25	25	77	77	1	82	30	92(248)	
157.5	3.5	78	78	25	25	101	40	55	9(43)	96	7	85	17	
		83	0	92	29(111)	25	25	77	77	0	82	30	92(248)	
164.0	2.9	77	77	24	24	101	40	55	9(43)	95	7	85	17	
		83	0	92	29(111)	25	25	77	77	0	82	29	92(248)	

 HA=124.3 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.6 8.6

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 130.9 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)					3(90)			
		4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D			
39.4	16.3	54	54	55	55	52	56	53	56(59)	53	57	52	56	
		54	58	52	54(127)	56	56	53	53	58	54	54	52(232)	
45.9	15.9	57	57	52	52	59	53	55	51(59)	58	52	56	51	
		56	51	57	53(128)	53	53	56	56	51	56	53	57(232)	
52.5	15.0	59	59	49	49	64	50	56	46(59)	62	47	60	48	
		58	46	61	52(128)	50	50	58	58	46	58	52	61(232)	
59.1	14.1	62	62	46	46	62	61	47	46(3)	66	42	63	44	
		66	42	63	44(90)	47	47	61	61	42	66	44	63(270)	
65.6	13.0	63	63	44	44	68	58	48	41(19)	69	39	65	41	
		69	38	65	42(92)	45	45	62	62	38	69	42	65(267)	
72.2	12.1	65	65	42	42	72	55	50	36(27)	73	35	67	39	
		71	33	69	41(99)	43	43	64	64	33	70	41	69(260)	
78.7	11.5	67	67	39	39	77	52	51	32(33)	76	31	70	36	
		72	28	73	39(104)	40	40	66	66	28	72	40	73(255)	
85.3	10.6	68	68	37	37	80	50	52	29(36)	79	28	72	33	
		73	25	76	39(107)	38	38	68	68	24	73	39	76(252)	
91.9	9.7	69	69	36	36	83	49	52	26(38)	81	25	74	31	
		74	22	78	37(108)	37	37	69	69	21	74	38	78(251)	
98.4	9.0	71	71	34	34	86	47	53	23(40)	83	22	76	29	
		75	18	80	37(110)	35	35	71	71	18	75	37	80(249)	
105.0	8.6	73	73	32	32	90	45	54	20(42)	86	19	78	26	
		77	14	84	36(112)	33	33	72	72	14	76	36	84(247)	
111.5	8.2	74	74	30	30	93	46	53	17(40)	89	16	80	24	
		78	10	86	35(113)	31	31	74	74	10	77	35	87(246)	
118.1	7.7	76	76	28	28	96	43	55	15(42)	92	13	82	22	
		82	7	88	32(110)	29	29	76	76	7	81	32	89(249)	
124.7	7.1	77	77	27	27	98	43	55	13(42)	93	11	83	21	
		83	5	90	31(110)	28	28	77	77	5	82	31	90(249)	
131.2	6.4	78	78	26	26	100	41	55	11(43)	95	9	84	19	
		83	3	91	30(111)	27	27	77	77	3	82	31	91(248)	
137.8	5.5	77	77	26	26	100	41	55	10(43)	95	9	84	19	
		83	2	91	30(111)	26	26	77	77	2	82	31	91(248)	
144.4	4.9	78	78	25	25	101	41	55	9(43)	96	8	85	18	
		83	1	92	30(111)	25	25	78	78	1	83	30	92(248)	
150.9	4.0	77	77	25	25	100	41	55	9(43)	95	8	84	18	
		83	1	91	30(111)	25	25	77	77	1	82	30	92(248)	
157.5	3.3	77	77	25	25	100	40	55	9(43)	95	7	84	18	
		83	1	92	29(111)	25	25	77	77	1	82	30	92(248)	
164.0	2.6	77	77	25	25	100	40	55	9(43)	95	7	84	17	
		83	0	91	29(111)	25	25	77	77	0	82	30	92(248)	

HA=130.9 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.6 8.6

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 138.1 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)		2(...)		3(90)		6(...)							
	4(...)		5(180)		6(...)									
	A	B	C	D	A	B	C	D	A	B	C	D		
45.9	16.1	58	58	51	51	60	52	56	49	(59)	60	50	58	50
		57	49	58	53(128)	52	52	57	57		49	57	53	58(232)
52.5	15.4	61	61	48	48	66	49	57	44	(59)	65	45	61	46
		65	45	61	46(90)	49	49	60	60		45	65	46	61(270)
59.1	14.8	63	63	45	45	67	59	48	42	(16)	69	40	65	42
		69	40	65	42(90)	46	46	62	62		40	69	42	65(270)
65.6	14.1	66	66	42	42	73	55	50	36	(28)	74	35	68	39
		71	34	70	41(99)	43	43	65	65		33	71	41	70(260)
72.2	13.4	68	68	39	39	79	52	52	32	(34)	78	31	71	35
		73	28	74	40(105)	40	40	67	67		28	73	40	75(254)
78.7	12.8	70	70	37	37	84	50	53	27	(38)	82	26	74	32
		75	22	78	38(108)	37	37	70	70		22	75	39	78(251)
85.3	12.1	72	72	34	34	88	48	54	23	(40)	85	22	77	29
		76	18	82	37(111)	35	35	72	72		18	76	38	82(248)
91.9	11.5	74	74	32	32	92	46	55	20	(42)	88	19	79	26
		78	13	85	36(112)	33	33	74	74		13	78	37	86(247)
98.4	10.8	76	76	30	30	95	45	55	17	(41)	91	15	82	24
		79	9	88	35(114)	31	31	75	75		9	78	36	89(245)
105.0	10.1	78	78	28	28	99	44	55	13	(42)	94	12	84	21
		83	6	90	32(110)	29	29	77	77		6	83	32	91(249)
111.5	8.8	78	78	28	28	99	43	55	13	(42)	94	11	84	21
		83	5	90	31(110)	28	28	77	77		5	83	32	91(249)
118.1	7.7	78	78	27	27	99	43	55	12	(42)	95	10	84	20
		84	4	91	30(110)	27	27	77	77		4	83	31	91(249)
124.7	6.6	77	77	26	26	100	42	55	11	(43)	95	10	84	19
		83	3	91	31(111)	27	27	77	77		3	82	31	91(248)
131.2	5.7	78	78	26	26	100	41	55	10	(43)	95	9	84	19
		83	2	91	30(111)	26	26	77	77		2	82	31	92(248)
137.8	4.9	78	78	26	26	100	41	55	10	(43)	95	8	85	18
		83	2	92	30(111)	26	26	77	77		2	82	30	92(248)
144.4	4.0	77	77	25	25	100	41	55	10	(43)	95	8	84	18
		83	2	91	30(111)	26	26	77	77		1	82	30	92(248)
150.9	3.3	77	77	25	25	101	40	55	9	(43)	95	7	85	17
		83	0	92	29(111)	25	25	77	77		0	82	30	92(248)
157.5	2.6	77	77	24	24	101	40	55	8	(43)	95	6	85	17
		83	0	92	29(111)	24	24	77	77		0	82	29	92(248)

HA=138.1 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.6 8.6

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 145.0 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-45-100-100-100 % LK = 55

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)		2(...)		3(90)		6(...)					
	4(...)		5(180)		6(...)							
	A	B	C	D	A	B	C	D	A	B	C	D

45.9	15.0	56	56	52	52	58	53	55	50(59)	58	51	56	51
		56	51	57	53(128)	53	53	56	56	51	56	53	57(232)
52.5	14.8	60	60	48	48	65	50	57	45(59)	63	46	60	47
		58	44	62	52(128)	49	49	59	59	44	58	52	62(232)
59.1	13.9	62	62	45	45	65	60	48	44(11)	67	41	63	43
		67	41	63	43(90)	46	46	61	61	41	67	43	63(270)
65.6	13.2	65	65	43	43	71	56	49	38(25)	72	36	67	40
		70	35	68	41(97)	43	43	64	64	35	70	41	68(262)
72.2	12.3	67	67	40	40	76	54	50	34(31)	75	32	69	37
		72	30	72	40(102)	41	41	66	66	30	72	40	72(257)
78.7	11.7	69	69	38	38	80	51	52	30(36)	79	28	72	34
		74	25	76	39(106)	39	39	68	68	25	73	39	76(253)
85.3	10.8	70	70	36	36	84	49	53	26(38)	82	25	74	31
		75	21	78	38(109)	37	37	69	69	21	74	38	79(250)
91.9	10.1	72	72	34	34	88	47	54	23(40)	85	22	77	29
		76	17	82	37(111)	34	34	71	71	17	75	37	82(248)
98.4	9.5	73	73	32	32	91	45	55	20(42)	88	19	79	26
		77	13	84	36(112)	32	32	73	73	13	77	36	85(247)
105.0	8.8	75	75	30	30	94	45	54	17(41)	90	16	81	24
		78	10	87	35(113)	31	31	75	75	10	78	35	87(246)
111.5	8.4	77	77	28	28	98	43	55	14(42)	93	12	83	21
		82	6	89	32(110)	29	29	76	76	6	82	32	90(249)
118.1	7.7	78	78	27	27	100	42	56	11(43)	95	10	84	20
		83	4	91	31(111)	27	27	77	77	4	82	32	92(248)
124.7	6.6	78	78	26	26	100	41	55	11(43)	95	9	84	19
		83	3	91	30(111)	27	27	77	77	3	82	31	92(248)
131.2	5.7	78	78	26	26	101	41	55	10(43)	95	8	85	18
		83	2	92	30(111)	26	26	78	78	2	83	30	92(248)
137.8	4.9	78	78	25	25	101	41	55	9(43)	96	8	85	18
		83	1	92	30(111)	25	25	78	78	1	83	30	92(248)
144.4	4.0	78	78	25	25	101	41	55	9(43)	95	7	85	18
		83	1	92	29(111)	25	25	77	77	1	82	30	92(248)
150.9	3.1	77	77	25	25	100	40	55	9(43)	95	7	84	18
		83	1	91	29(111)	25	25	77	77	1	82	30	91(248)
157.5	2.4	77	77	25	25	100	40	55	9(43)	95	7	84	17
		83	0	91	29(111)	25	25	77	77	0	82	30	92(248)

 HA=145.0 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.6 8.6

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	15.0	57	57	51	51	60	52	55	49(59)	59	50	57	50
		56	50	58	53(128)	52	52	56	56	50	56	53	58(232)
52.5	14.8	61	61	48	48	66	49	57	44(59)	65	44	61	46
		65	44	61	46(90)	49	49	60	60	44	65	46	61(270)
59.1	14.1	63	63	45	45	67	58	49	41(18)	69	39	65	42
		69	39	65	42(90)	45	45	62	62	39	69	42	65(269)

65.6	13.7	66	66	41	41	74	55	50	35(29)	74	34	69	38
		72	32	71	41(101)	42	42	65	65	32	71	41	71(258)
72.2	13.0	69	69	39	39	80	52	52	31(35)	78	30	72	35
		73	26	75	39(106)	39	39	68	68	26	73	40	75(253)
78.7	12.6	71	71	36	36	86	49	54	26(39)	83	25	75	31
		76	21	80	38(109)	37	37	70	70	21	75	38	80(250)
85.3	11.9	73	73	33	33	90	47	55	22(41)	87	21	78	28
		77	16	84	37(112)	34	34	73	73	16	76	37	84(247)
91.9	11.5	76	76	31	31	95	46	55	18(41)	91	16	81	24
		79	11	88	35(113)	31	31	75	75	11	78	36	88(246)
98.4	10.8	78	78	29	29	99	44	56	14(42)	94	13	84	22
		83	7	90	32(110)	29	29	77	77	7	83	32	90(249)
105.0	9.5	78	78	28	28	99	43	55	13(42)	95	11	84	21
		84	5	91	31(110)	28	28	77	77	5	83	32	91(249)
111.5	8.2	78	78	27	27	99	43	55	12(42)	95	11	84	20
		84	4	91	31(110)	28	28	77	77	4	83	31	91(249)
118.1	7.1	78	78	26	26	100	42	56	11(43)	95	9	85	19
		83	3	91	31(111)	27	27	77	77	3	82	31	92(248)
124.7	6.2	78	78	26	26	101	41	55	10(43)	96	8	85	18
		84	2	92	30(111)	26	26	78	78	2	83	30	93(248)
131.2	5.1	78	78	25	25	101	41	55	9(43)	96	8	85	18
		83	1	92	30(111)	26	26	78	78	1	83	30	92(248)
137.8	4.2	78	78	25	25	101	41	55	9(43)	96	7	85	18
		83	1	92	29(111)	25	25	78	78	1	83	30	92(248)
144.4	3.3	78	78	25	25	101	40	55	9(43)	95	7	85	17
		83	0	92	29(111)	25	25	77	77	0	82	30	92(248)
150.9	2.4	77	77	25	25	100	40	55	9(43)	95	7	84	17
		83	1	91	29(111)	25	25	77	77	0	82	30	92(248)

 HA=152.2 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.6 8.6

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 161.4 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	13.0	59	59	49	49	63	50	56	46(59)	62	46	59	47
		57	45	61	51(128)	49	49	58	58	45	57	51	61(232)
59.1	13.0	62	62	45	45	64	59	47	43(11)	67	41	63	43
		67	41	63	43(90)	46	46	61	61	41	67	43	63(270)
65.6	12.6	65	65	42	42	72	56	49	37(26)	72	36	67	39
		71	34	68	41(98)	43	43	64	64	34	70	41	69(261)
72.2	12.1	67	67	39	39	78	53	51	32(33)	77	31	71	35
		73	28	73	39(104)	40	40	67	67	28	72	40	73(255)
78.7	11.5	70	70	37	37	83	50	52	28(37)	80	27	73	32
		74	23	77	38(108)	37	37	69	69	23	74	39	78(251)
85.3	10.8	72	72	35	35	87	48	54	24(40)	84	23	76	29
		76	18	81	37(110)	35	35	71	71	18	75	37	81(249)
91.9	10.4	74	74	32	32	92	45	55	20(42)	88	19	79	26
		78	13	85	36(112)	33	33	73	73	13	77	36	85(247)

98.4	9.7	76	76	30	30	95	45	54	17(41)	91	15	81	24
		78	9	88	35(114)	30	30	75	75	9	78	36	88(245)
105.0	9.0	77	77	28	28	98	44	55	13(42)	94	12	84	21
		83	6	90	31(110)	29	29	77	77	6	82	32	90(249)
111.5	7.9	78	78	27	27	99	43	55	12(42)	95	11	84	20
		84	4	91	31(110)	28	28	77	77	4	83	31	91(249)
118.1	6.8	78	78	26	26	100	42	56	11(43)	95	9	84	19
		83	3	91	31(111)	27	27	77	77	3	82	31	92(248)
124.7	5.7	78	78	26	26	100	41	55	11(43)	95	9	84	19
		83	2	91	30(111)	26	26	77	77	2	82	31	92(248)
131.2	4.9	78	78	25	25	101	41	55	10(43)	95	8	85	18
		83	2	92	30(111)	26	26	77	77	1	82	30	92(248)
137.8	4.0	78	78	25	25	101	41	55	9(43)	95	7	85	18
		83	1	92	29(111)	25	25	78	78	1	82	30	92(248)
144.4	3.1	77	77	25	25	101	40	55	9(43)	95	7	85	17
		83	0	92	29(111)	25	25	77	77	0	82	30	92(248)
150.9	2.2	77	77	25	25	100	40	54	9(43)	95	7	84	17
		82	1	91	29(111)	25	25	77	77	0	82	30	91(248)

 HA=161.4 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.6 8.6

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 166.0 ft Length of jib = 82.0 ft

Main boom sequence = 0-45-90-90-90-90 % LK = 68

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]												(Pos.[Degrees])	0-360 Degr.	
	1(0)				2(...)				3(90)						
	4(...)				5(180)				6(...)						
A	B	C	D	A	B	C	D	A	B	C	D				
52.5	14.1	61	61	47	47	67	48	57	43(59)	65	43	62	45		
		65	43	62	45(90)	48	48	60	60	43	65	45	62(270)		
59.1	13.9	64	64	43	43	70	57	49	39(22)	71	38	66	41		
		70	37	67	42(95)	44	44	63	63	37	70	42	67(264)		
65.6	13.4	67	67	40	40	77	54	51	34(32)	76	32	70	37		
		73	30	73	40(103)	41	41	66	66	30	72	40	73(256)		
72.2	12.8	70	70	37	37	82	51	53	28(37)	80	28	73	33		
		75	24	77	39(107)	38	38	69	69	24	74	39	77(252)		
78.7	12.3	72	72	35	35	88	48	54	24(40)	85	23	77	29		
		76	18	82	37(111)	35	35	72	72	18	76	38	82(248)		
85.3	11.9	75	75	32	32	93	47	54	19(40)	90	18	80	26		
		78	12	86	36(113)	32	32	74	74	12	78	37	87(246)		
91.9	11.2	77	77	29	29	98	45	56	15(42)	93	14	83	23		
		83	8	89	32(110)	30	30	77	77	8	82	33	90(249)		
98.4	9.5	77	77	29	29	97	44	55	15(42)	93	13	83	22		
		82	7	89	32(110)	29	29	76	76	7	82	33	89(249)		
105.0	8.2	77	77	28	28	98	43	55	13(42)	93	12	83	21		
		83	6	90	31(110)	28	28	77	77	6	82	32	90(249)		
111.5	6.8	77	77	27	27	98	43	55	13(42)	93	11	83	20		
		83	5	90	31(110)	28	28	77	77	5	82	31	90(249)		
118.1	5.7	77	77	27	27	99	42	54	12(42)	94	10	84	20		
		83	4	90	30(110)	27	27	77	77	4	82	31	90(249)		
124.7	4.6	77	77	26	26	99	42	54	11(42)	94	9	84	19		
		83	3	90	30(110)	26	26	77	77	3	82	30	90(249)		

131.2 3.7 77 77 26 26 99 41 55 10(43) 94 8 84 19
 82 2 91 30(111) 26 26 77 77 2 82 30 91(248)
 137.8 2.9 77 77 25 25 99 40 55 10(43) 94 8 84 18
 82 2 91 30(111) 25 25 77 77 1 82 30 91(248)

 HA=166.0 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.5 8.5

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 175.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])	0-360 Degr.		
		1(0)		2(...)				3(90)					
		A	B	C	D	A	B	C	D			A	B
52.5	12.1	59	59	48	48	63	49	56	45(59)	62	46	59	47
		57	45	61	51(128)	49	49	58	58	45	57	51	61(232)
59.1	12.1	62	62	45	45	65	59	47	43(13)	68	40	63	43
		68	40	63	43(90)	46	46	61	61	40	68	43	63(270)
65.6	12.1	65	65	41	41	73	55	50	36(28)	73	34	68	38
		71	32	70	40(100)	42	42	65	65	32	71	41	70(259)
72.2	11.7	68	68	38	38	80	52	52	30(35)	78	29	71	34
		73	26	75	39(106)	39	39	67	67	26	73	39	75(253)
78.7	11.2	71	71	35	35	85	49	53	26(39)	82	24	75	31
		75	21	79	37(109)	36	36	70	70	20	75	38	80(250)
85.3	10.8	73	73	33	33	91	46	55	21(42)	87	20	78	27
		77	15	84	37(112)	34	34	73	73	15	76	37	84(247)
91.9	10.4	76	76	30	30	95	45	55	17(41)	91	16	81	24
		78	10	88	35(114)	31	31	75	75	10	78	36	88(245)
98.4	9.0	76	76	29	29	96	45	54	15(41)	92	14	82	22
		82	8	88	32(109)	30	30	76	76	8	82	32	88(250)
105.0	7.7	76	76	28	28	97	43	55	14(42)	93	13	83	22
		82	7	89	32(110)	29	29	76	76	7	81	32	89(249)
111.5	6.4	76	76	28	28	97	43	54	13(42)	93	12	83	21
		82	6	89	31(110)	28	28	76	76	6	81	32	89(249)
118.1	5.3	76	76	27	27	97	43	54	13(42)	93	11	83	20
		82	5	89	30(110)	27	27	76	76	5	81	31	90(249)
124.7	4.4	77	77	26	26	98	42	54	11(42)	94	9	83	19
		82	4	90	30(110)	26	26	76	76	3	82	30	90(249)
131.2	3.5	77	77	26	26	99	41	55	10(43)	94	9	84	19
		82	2	91	30(111)	26	26	77	77	2	81	30	91(248)
137.8	2.6	77	77	25	25	99	40	55	10(43)	94	8	84	18
		82	2	91	30(111)	25	25	77	77	2	81	30	91(248)

 HA=175.5 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.4 8.5

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 82.0 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])	0-360 Degr.
		1(0)		2(...)				3(90)			
		A	B	C	D	A	B	C	D		

	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	12.8	64	64	43	43	69	57	49	39(22)	71	37	66	41
	70	37	66	41(94)	44	44	63	63	37	69	41	67(265)	
65.6	12.8	67	67	40	40	78	53	51	33(33)	77	31	70	36
	73	29	73	40(104)	41	41	67	67	29	72	40	73(255)	
72.2	12.3	70	70	37	37	84	50	53	27(38)	82	26	74	32
	75	22	78	38(108)	37	37	69	69	22	75	39	78(251)	
78.7	11.9	73	73	34	34	90	47	55	22(41)	86	21	78	28
	77	16	83	37(111)	34	34	72	72	16	77	37	83(248)	
85.3	11.5	76	76	31	31	95	46	55	18(41)	91	16	81	24
	79	11	88	35(113)	31	31	75	75	11	79	36	88(246)	
91.9	9.7	76	76	30	30	95	45	54	16(41)	91	15	82	23
	79	9	88	35(114)	30	30	75	75	9	78	36	88(245)	
98.4	8.2	76	76	29	29	96	45	54	15(41)	91	14	82	22
	82	8	88	32(109)	30	30	75	75	8	81	32	88(250)	
105.0	6.8	76	76	28	28	97	43	55	14(42)	92	13	82	22
	82	7	88	32(110)	29	29	76	76	7	81	32	89(249)	
111.5	5.5	76	76	28	28	97	43	54	13(42)	92	12	82	21
	81	6	89	31(110)	28	28	75	75	6	81	32	89(249)	
118.1	4.4	76	76	27	27	97	42	54	13(42)	92	11	82	20
	82	5	89	30(110)	27	27	76	76	5	81	31	89(249)	
124.7	3.5	76	76	26	26	98	42	54	11(42)	93	9	83	19
	82	4	90	30(110)	26	26	76	76	3	81	30	90(249)	
131.2	2.4	76	76	26	26	97	42	54	11(42)	93	9	83	19
	82	4	89	30(110)	26	26	76	76	3	81	30	89(249)	

HA=180.1 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.1 7.6 8.3 8.3

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 191.9 ft Length of jib = 82.0 ft
Main boom sequence = 0-100-100-100-100-100 % LK = 74
Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)	2(...)	3(90)		1(0)	2(...)	3(90)						
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	10.6	61	61	45	45	63	59	47	43(10)	66	40	63	43
	66	40	63	43(90)	46	46	60	60	40	66	43	63(270)	
65.6	10.6	65	65	41	41	72	55	49	36(27)	72	35	67	38
	70	33	69	40(99)	42	42	64	64	33	70	41	69(260)	
72.2	10.6	68	68	38	38	79	51	52	30(35)	78	29	71	34
	73	26	75	39(106)	39	39	67	67	26	73	39	75(253)	
78.7	10.4	71	71	35	35	86	48	53	25(39)	83	24	75	30
	75	19	80	37(110)	36	36	70	70	19	75	38	80(249)	
85.3	10.4	74	74	32	32	92	47	54	19(40)	88	18	79	26
	77	13	86	36(113)	32	32	74	74	13	77	37	86(246)	
91.9	9.0	75	75	30	30	94	45	54	17(41)	90	16	81	24
	78	10	87	35(113)	31	31	75	75	10	78	35	87(246)	
98.4	7.5	75	75	30	30	94	45	54	16(41)	90	15	81	23
	81	9	87	32(109)	30	30	75	75	9	80	33	87(250)	
105.0	6.2	75	75	29	29	95	44	54	15(41)	91	13	81	22
	81	8	87	31(109)	29	29	75	75	8	80	32	87(250)	

111.5 5.1 75 75 28 28 96 43 54 14(42) 91 12 82 21
 81 6 88 31(110) 28 28 75 75 6 80 32 88(249)
 118.1 4.0 75 75 27 27 96 42 54 13(42) 92 11 82 21
 81 6 88 31(110) 28 28 75 75 5 80 31 88(249)
 124.7 2.9 75 75 27 27 96 42 54 13(42) 91 11 82 20
 81 5 88 30(110) 27 27 75 75 5 80 31 88(249)

 HA=191.9 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.9 7.5 8.2 8.2

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 193.9 ft Length of jib = 82.0 ft
 Main boom sequence = 45-90-90-90-90-90 % LK = 76
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.											
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)										
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D							
59.1	11.5	63	63	43	43	69	56	49	39(22)	70	37	65	40	69	36	66	41(94)	44	44	63	63	36	69	41	66(265)
65.6	11.5	67	67	39	39	77	52	51	32(33)	76	31	70	36	72	28	73	39(104)	40	40	66	66	28	72	40	73(255)
72.2	11.5	71	71	36	36	85	49	53	26(38)	82	25	75	31	75	21	79	38(109)	37	37	70	70	21	75	38	79(250)
78.7	11.2	74	74	33	33	91	46	55	21(42)	88	19	79	27	78	14	84	36(112)	33	33	73	73	14	77	37	85(247)
85.3	9.7	75	75	31	31	93	46	54	19(40)	89	17	80	25	78	11	86	36(113)	32	32	74	74	11	77	36	86(246)
91.9	7.9	75	75	30	30	93	46	53	17(40)	89	16	80	24	78	10	86	35(113)	31	31	74	74	10	77	35	87(246)
98.4	6.4	75	75	30	30	93	44	54	16(41)	90	15	80	23	80	9	86	32(109)	30	30	74	74	9	80	33	86(250)
105.0	5.1	75	75	29	29	94	44	53	15(41)	90	13	81	22	80	8	86	31(109)	29	29	74	74	8	80	32	87(250)
111.5	4.0	75	75	28	28	95	43	53	14(41)	91	12	81	21	81	7	87	31(109)	28	28	75	75	7	80	31	87(250)
118.1	2.9	75	75	27	27	95	42	54	13(42)	91	11	81	21	80	6	88	31(110)	28	28	75	75	6	80	31	88(249)

 HA=193.9 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.8 7.5 8.1 8.2

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 205.7 ft Length of jib = 82.0 ft
 Main boom sequence = 45-100-100-100-100-100 % LK = 77
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.											
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)										
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D							
65.6	9.3	64	64	41	41	71	54	49	36(27)	72	34	67	38	70	33	68	40(98)	42	42	63	63	33	70	40	68(261)
72.2	9.3	67	67	38	38	79	51	51	30(35)	77	29	71	34	72	26	74	39(106)	39	39	67	67	26	72	39	74(253)

78.7	9.3	71	71	35	35	86	48	53	24(39)	83	23	75	30
		75	19	80	37(110)	35	35	70	70	19	75	37	80(249)
85.3	9.0	74	74	32	32	91	46	54	19(40)	88	18	79	26
		78	13	85	35(112)	32	32	73	73	13	77	36	85(247)
91.9	7.5	74	74	30	30	92	46	53	18(40)	89	16	80	24
		77	11	86	35(113)	31	31	74	74	11	77	36	86(246)
98.4	6.0	74	74	30	30	93	45	53	17(40)	89	15	80	24
		77	9	86	34(113)	30	30	74	74	9	77	35	86(246)
105.0	4.6	74	74	29	29	93	44	53	16(41)	89	14	80	23
		80	9	86	32(109)	29	29	74	74	9	79	32	86(250)
111.5	3.5	74	74	28	28	94	43	53	15(41)	90	13	80	22
		80	7	86	31(109)	28	28	74	74	7	80	32	87(250)
118.1	2.4	74	74	28	28	94	43	53	14(41)	90	12	81	21
		80	7	87	30(109)	28	28	74	74	6	80	31	87(250)

HA=205.7 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.7 7.4 8.0 8.1

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 208.0 ft Length of jib = 82.0 ft

Main boom sequence = 90-90-90-90-90-90 % LK = 78

Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
65.6	9.9	66	66	40	40	76	53	50	33(32)	75	31	69	36
		72	29	72	39(103)	40	40	65	65	29	71	40	72(256)
72.2	9.9	70	70	36	36	83	49	53	26(38)	81	25	74	31
		75	22	78	37(108)	37	37	69	69	22	74	38	78(251)
78.7	9.9	73	73	33	33	91	45	55	21(42)	87	19	78	27
		77	14	84	36(112)	33	33	73	73	14	76	37	84(247)
85.3	7.9	73	73	32	32	91	45	54	19(42)	87	18	78	26
		77	13	84	35(112)	32	32	73	73	13	76	36	84(247)
91.9	6.4	73	73	31	31	91	45	53	18(40)	88	17	79	25
		77	11	85	35(113)	31	31	73	73	11	76	35	85(246)
98.4	4.9	73	73	30	30	92	45	53	17(40)	88	15	79	24
		77	10	85	34(113)	30	30	73	73	10	76	35	86(246)
105.0	3.5	73	73	29	29	92	44	53	16(41)	88	14	79	23
		79	9	85	32(109)	29	29	73	73	9	79	32	85(250)
111.5	2.4	74	74	28	28	93	43	53	15(41)	89	13	80	22
		80	8	86	31(109)	28	28	73	73	8	79	32	86(250)

HA=208.0 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.6 7.3 7.9 8.0

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 219.8 ft Length of jib = 82.0 ft

Main boom sequence = 90-100-100-100-100-100 % LK = 80

Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		6(...)		
		4(...)		5(180)		6(...)				
		A	B	C	D	A	B	C	D	

65.6 7.9 63 63 41 41 70 54 49 36(26) 71 34 66 38
 69 33 67 40(98) 42 42 63 63 33 69 40 68(261)
 72.2 7.9 67 67 38 38 78 51 50 30(34) 77 29 70 34
 72 26 73 38(105) 38 38 66 66 26 72 39 73(254)
 78.7 7.9 70 70 35 35 85 48 53 24(39) 82 23 75 30
 74 19 79 37(110) 35 35 70 70 19 74 37 79(249)
 85.3 7.5 73 73 32 32 90 45 54 20(42) 86 19 78 26
 76 14 84 36(112) 32 32 72 72 13 76 36 84(247)
 91.9 6.0 73 73 31 31 90 45 53 19(40) 87 17 78 25
 77 12 84 35(112) 31 31 73 73 12 76 35 84(247)
 98.4 4.4 73 73 30 30 91 45 53 18(40) 87 16 78 24
 76 11 85 35(113) 30 30 73 73 11 75 35 85(246)
 105.0 3.1 73 73 30 30 91 45 52 17(40) 87 15 79 24
 76 9 85 34(113) 30 30 73 73 9 76 35 85(246)

 HA=219.8 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.5 7.1 7.9 7.9

Program L A M O S 9 9 Version 1.08 vom 29.09.02

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Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137612_tab.txt

H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer KS

 Outrigger width = 18.7 ft Outrigger length = 27.7 ft
 Outrigger "A" X = 12.0 ft Outrigger "A" Y = 9.4 ft
 Outrigger "B" X = 12.0 ft Outrigger "B" Y = -9.4 ft
 Outrigger "C" X = -15.7 ft Outrigger "C" Y = 9.4 ft
 Outrigger "D" X = -15.7 ft Outrigger "D" Y = -9.4 ft

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 40.7 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-0-0 % LK = 1

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
39.4	17.2	49	49	60	60	44	60	51	63(59)	46	65	47	61
		51	66	45	56(128)	61	61	48	48	66	51	56	45(232)
45.9	15.4	51	51	57	57	48	58	52	60(59)	49	61	49	58
		52	62	48	55(128)	58	58	50	50	62	52	55	48(232)
52.5	14.3	53	53	55	55	52	56	53	56(59)	52	56	52	55
		53	57	51	54(128)	56	56	52	52	57	53	54	51(232)
59.1	13.0	54	54	53	53	55	54	53	52(59)	55	53	54	52
		54	53	54	53(127)	53	53	54	54	53	54	53	54(232)

65.6	12.1	56	56	50	50	58	51	54	49(59)	58	49	56	50
		55	49	57	52(128)	51	51	55	55	49	55	52	57(232)
72.2	11.2	58	58	49	49	62	49	55	46(59)	61	46	58	47
		56	45	60	51(128)	49	49	57	57	45	56	51	60(232)
78.7	10.4	59	59	47	47	65	48	56	43(59)	63	43	60	45
		63	43	60	45(90)	47	47	58	58	43	63	45	60(270)
85.3	9.9	61	61	44	44	64	58	47	42(12)	67	39	63	42
		67	39	63	42(90)	45	45	61	61	39	67	42	63(270)
91.9	9.3	63	63	43	43	68	56	48	39(22)	69	36	65	40
		69	36	65	41(94)	43	43	62	62	36	68	41	66(265)
98.4	8.8	64	64	41	41	73	53	49	35(29)	72	33	67	37
		70	31	69	39(100)	41	41	64	64	31	70	40	69(259)
105.0	8.4	66	66	38	38	77	52	50	31(33)	75	30	70	35
		71	27	72	38(104)	39	39	66	66	27	71	39	73(255)

HA= 40.7 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 7.1 6.6 6.7 6.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 54.5 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-0-45 % LK = 7

Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
39.4	17.2	49	49	60	60	44	60	51	63(59)	46	65	47	61
		51	66	45	56(128)	61	61	49	49	66	51	56	45(232)
45.9	15.9	52	52	57	57	48	58	52	59(59)	49	60	50	58
		52	61	49	55(128)	58	58	50	50	61	52	55	49(232)
52.5	14.6	53	53	55	55	52	55	53	55(59)	52	56	52	55
		54	57	52	54(127)	56	56	52	52	57	54	54	52(232)
59.1	13.7	55	55	52	52	56	53	54	51(59)	56	52	55	52
		55	52	55	53(127)	53	53	54	54	52	55	53	55(232)
65.6	12.6	57	57	50	50	60	51	55	48(59)	59	49	57	49
		56	48	58	52(128)	51	51	56	56	48	56	52	58(232)
72.2	11.7	58	58	48	48	63	49	56	45(59)	62	45	59	47
		57	44	61	51(128)	49	49	58	58	44	57	51	61(232)
78.7	11.0	60	60	46	46	67	47	57	42(59)	65	42	61	44
		65	42	61	44(90)	47	47	60	60	42	65	44	61(270)
85.3	10.4	62	62	44	44	65	57	47	41(16)	68	39	63	41
		68	39	63	41(90)	45	45	61	61	39	68	41	63(270)
91.9	9.7	63	63	42	42	69	55	48	38(24)	70	36	65	39
		69	35	67	40(96)	43	43	63	63	35	69	41	67(263)
98.4	9.0	65	65	40	40	73	54	49	35(29)	73	33	67	37
		70	31	69	39(100)	41	41	64	64	31	70	40	69(259)
105.0	8.6	66	66	39	39	77	52	50	31(33)	76	30	70	35
		72	27	72	39(104)	39	39	66	66	27	71	39	73(255)
111.5	8.2	68	68	37	37	80	50	51	28(36)	78	27	72	32
		73	23	75	38(107)	37	37	67	67	23	72	38	76(252)
118.1	7.7	69	69	35	35	84	48	52	25(39)	81	24	74	30
		74	20	78	37(109)	35	35	69	69	19	73	37	78(250)

HA= 54.5 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 7.8 6.8 7.3 7.3

 Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
45.9	15.7	51	51	57	57	48	58	52	59	(59)	49	60	49	58
		52	61	48	55(128)	58	58	50	50		61	52	55	48(232)
52.5	14.6	53	53	55	55	52	55	53	55	(59)	52	56	52	55
		54	56	52	54(127)	56	56	52	52		56	54	54	52(232)
59.1	13.4	55	55	52	52	56	53	54	52	(59)	56	52	54	52
		55	52	55	53(127)	53	53	54	54		52	55	53	55(232)
65.6	12.3	56	56	50	50	59	51	55	49	(59)	58	49	56	50
		56	49	57	52(128)	51	51	56	56		49	56	52	57(232)
72.2	11.0	57	57	49	49	61	50	55	46	(59)	60	47	58	48
		56	46	59	51(128)	49	49	57	57		46	56	51	59(232)
78.7	10.1	59	59	47	47	64	48	56	44	(59)	62	44	60	45
		62	44	60	45(90)	48	48	58	58		44	62	45	60(270)
85.3	9.5	60	60	45	45	61	59	46	45	(4)	65	41	62	43
		65	41	62	43(90)	46	46	60	60		41	65	43	62(270)
91.9	8.6	61	61	44	44	64	57	47	41	(14)	67	39	63	41
		67	39	63	41(90)	44	44	61	61		39	67	41	63(270)
98.4	7.9	62	62	42	42	68	55	48	38	(22)	69	36	65	39
		68	35	65	40(94)	43	43	62	62		35	68	41	65(265)
105.0	7.5	64	64	41	41	71	53	49	35	(28)	71	33	67	37
		69	32	68	39(99)	41	41	63	63		32	69	39	68(260)
111.5	7.1	65	65	39	39	75	52	50	32	(32)	74	30	68	35
		71	28	71	39(103)	39	39	65	65		28	70	39	71(256)
118.1	6.4	66	66	38	38	77	50	50	30	(34)	75	29	69	34
		71	26	73	38(105)	38	38	66	66		26	71	38	73(254)
124.7	6.2	68	68	36	36	80	49	51	27	(37)	78	25	72	31
		72	22	76	37(108)	36	36	67	67		22	72	38	76(251)
131.2	5.7	69	69	34	34	83	47	52	24	(39)	81	23	73	30
		73	19	78	36(109)	35	35	69	69		19	73	37	78(250)

 HA= 68.6 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 7.7 6.8 7.2 7.3

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-100 % LK = 14
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
45.9	14.8	50	50	58	58	46	58	51	60	(59)	47	61	48	59
		52	62	47	55(128)	59	59	49	49		62	52	55	47(232)
52.5	13.2	52	52	56	56	49	56	52	57	(59)	50	58	50	56
		52	59	49	54(128)	56	56	51	51		59	52	54	49(232)

59.1	11.9	53 53 54 54	52 54 52 54(59)	52 55 52 54
		53 55 52 53(127)	54 54 52 52	55 53 53 52(232)
65.6	10.8	54 54 52 52	55 52 53 51(59)	55 52 54 52
		54 52 54 52(127)	52 52 54 54	52 54 52 54(232)
72.2	9.7	55 55 50 50	57 51 54 49(59)	57 49 55 50
		54 49 56 52(128)	51 51 55 55	49 54 52 56(232)
78.7	8.8	56 56 49 49	60 49 54 47(59)	59 47 57 48
		55 46 58 51(128)	49 49 56 56	46 55 51 58(232)
85.3	8.2	58 58 47 47	63 48 55 44(59)	61 44 59 45
		56 43 60 50(128)	47 47 57 57	43 56 50 60(232)
91.9	7.5	59 59 45 45	65 46 56 41(59)	63 41 60 44
		63 41 60 44(90)	46 46 58 58	41 63 44 60(270)
98.4	6.8	60 60 44 44	62 58 46 42(10)	65 39 62 42
		65 39 62 42(90)	44 44 60 60	39 65 42 62(270)
105.0	6.4	61 61 42 42	66 56 47 39(19)	68 36 63 40
		67 36 64 40(92)	43 43 61 61	36 67 40 64(267)
111.5	6.0	63 63 41 41	69 54 48 36(25)	70 34 65 38
		68 33 67 39(97)	41 41 62 62	33 68 39 67(262)
118.1	5.5	64 64 39 39	72 52 49 34(29)	72 32 67 36
		69 30 69 39(101)	40 40 63 63	30 69 39 69(258)
124.7	5.1	65 65 38 38	75 51 49 31(32)	74 29 68 34
		70 27 71 38(104)	38 38 65 65	27 70 38 71(255)
131.2	4.9	67 67 36 36	78 49 50 28(36)	77 26 71 32
		72 23 74 37(106)	37 37 66 66	23 71 37 74(253)
137.8	4.4	68 68 35 35	81 48 51 26(37)	79 24 72 30
		72 21 76 37(108)	35 35 67 67	20 72 37 76(251)

 HA= 70.2 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.7 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 82.3 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-45-90 % LK = 20

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)		2(...)		3(90)		6(...)					
	4(...)		5(180)		6(...)							
	A	B	C	D	A	B	C	D	A	B	C	D
45.9	15.7	52 52	57 57	49 58	52 59(59)	49 60	50 58					
		52 61	49 55(128)	58 58	50 50	61 52	55 49(232)					
52.5	14.8	54 54	54 54	53 55	53 54(59)	53 56	53 54					
		54 56	52 54(127)	55 55	53 53	56 54	54 52(232)					
59.1	13.7	56 56	52 52	57 53	54 51(59)	57 52	55 51					
		55 51	56 53(128)	53 53	55 55	51 55	53 56(232)					
65.6	12.8	58 58	50 50	61 50	55 47(59)	60 48	58 49					
		56 47	59 52(128)	50 50	57 57	47 56	52 59(232)					
72.2	11.7	59 59	48 48	64 49	56 45(59)	62 45	60 46					
		57 43	61 51(128)	48 48	58 58	43 57	51 61(232)					
78.7	10.8	60 60	46 46	60 60	46 46(0)	65 42	62 44					
		65 42	62 44(90)	47 47	60 60	42 65	44 62(270)					
85.3	9.9	61 61	44 44	65 58	47 42(14)	67 39	63 42					
		67 39	63 42(90)	45 45	61 61	39 67	42 63(270)					
91.9	9.3	63 63	42 42	69 56	48 38(23)	70 36	65 39					
		69 35	66 41(95)	43 43	62 62	35 69	41 66(264)					

98.4	8.6	64	64	41	41	72	54	49	35(28)	72	34	67	37
		70	32	69	39(99)	41	41	64	64	32	70	40	69(260)
105.0	7.9	65	65	39	39	75	52	50	33(31)	74	31	68	36
		71	29	71	39(103)	40	40	65	65	28	70	39	71(256)
111.5	7.5	67	67	37	37	78	50	51	30(35)	77	28	70	34
		72	25	74	38(106)	38	38	66	66	25	71	39	74(253)
118.1	7.1	68	68	36	36	81	49	51	27(37)	79	25	72	32
		73	22	76	37(108)	36	36	68	68	22	72	38	76(251)
124.7	6.6	69	69	34	34	84	47	52	24(39)	81	23	74	30
		74	19	78	36(109)	35	35	69	69	19	74	37	79(250)
131.2	6.2	71	71	33	33	86	46	53	22(40)	83	21	76	28
		75	16	81	36(111)	33	33	70	70	16	74	36	81(248)
137.8	6.0	72	72	31	31	90	46	52	19(39)	86	17	78	25
		76	12	84	35(112)	31	31	72	72	12	76	35	84(247)
144.4	5.5	73	73	30	30	92	45	53	17(40)	88	15	79	24
		77	9	86	34(113)	30	30	73	73	9	76	35	86(246)

 HA= 82.3 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.5 7.1 8.0 8.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 84.0 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-45-100 % LK = 21

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)								
	4(...)	5(180)	6(...)										
A B C D	A B C D	A B C D	A B C D										
45.9	15.0	51	51	57	57	47	58	51	60(59)	48	61	49	58
		52	62	48	55(128)	58	58	50	50	62	52	55	48(232)
52.5	13.4	52	52	55	55	50	56	52	56(59)	51	57	51	56
		53	58	50	54(128)	56	56	51	51	58	53	54	50(232)
59.1	12.3	54	54	53	53	54	54	53	53(59)	54	54	53	53
		54	54	53	53(127)	54	54	53	53	54	54	53	53(232)
65.6	11.2	55	55	51	51	57	52	54	50(59)	56	50	55	50
		55	50	56	52(128)	52	52	54	54	50	55	52	56(232)
72.2	10.4	57	57	49	49	60	50	55	47(59)	59	47	57	48
		56	47	58	51(128)	50	50	56	56	47	56	51	58(232)
78.7	9.3	58	58	48	48	62	49	55	45(59)	61	45	58	46
		56	44	60	50(128)	48	48	57	57	44	56	50	60(232)
85.3	8.6	59	59	46	46	65	47	56	42(59)	63	42	60	44
		63	42	60	44(90)	46	46	58	58	42	63	44	60(270)
91.9	7.9	60	60	44	44	62	58	46	43(9)	65	39	62	42
		65	39	62	42(90)	45	45	60	60	39	65	42	62(270)
98.4	7.5	62	62	43	43	67	56	47	39(20)	68	36	64	40
		68	36	65	40(93)	43	43	62	62	36	68	41	65(266)
105.0	6.8	63	63	41	41	69	54	48	36(25)	70	34	65	38
		69	33	67	39(97)	41	41	62	62	33	68	40	67(262)
111.5	6.4	64	64	39	39	73	52	49	33(30)	73	32	67	36
		70	30	69	39(101)	40	40	64	64	30	69	39	69(258)
118.1	6.0	65	65	38	38	76	51	50	31(33)	75	29	69	34
		71	26	72	38(104)	38	38	65	65	26	70	38	72(255)
124.7	5.5	67	67	37	37	78	50	50	28(35)	77	27	71	32
		72	24	74	37(106)	37	37	66	66	24	71	38	74(253)

131.2	5.3	68	68	35	35	82	48	51	25(38)	80	24	73	30
		73	20	77	37(109)	35	35	68	68	20	72	37	77(250)
137.8	4.9	69	69	34	34	84	47	52	23(39)	81	22	74	29
		73	17	79	36(110)	34	34	69	69	17	73	37	79(249)
144.4	4.6	71	71	32	32	88	45	53	20(41)	84	19	76	26
		75	14	81	35(111)	32	32	71	71	14	75	35	82(248)
150.9	4.4	73	73	30	30	90	45	52	18(40)	87	16	78	24
		76	11	84	35(113)	30	30	72	72	10	75	35	84(246)

 HA= 84.0 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.8 7.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 96.5 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-90-90 % LK = 28

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)								
	A	B	C	D	A	B		C		D			
52.5	14.6	54	54	54	54	53	55	53	54(59)	53	55	53	54
		54	56	52	54(127)	55	55	53	53	56	54	54	52(232)
59.1	13.7	56	56	52	52	58	52	54	50(59)	57	51	56	51
		55	51	56	53(128)	52	52	55	55	51	55	53	56(232)
65.6	12.8	58	58	49	49	62	50	55	47(59)	60	47	58	48
		57	46	60	52(128)	50	50	57	57	46	57	52	60(232)
72.2	11.9	60	60	47	47	65	48	56	43(59)	63	44	60	45
		63	44	60	45(90)	48	48	59	59	44	63	45	60(270)
78.7	11.0	61	61	45	45	63	59	47	44(8)	66	41	62	43
		66	41	62	43(90)	46	46	60	60	41	66	43	62(270)
85.3	10.1	62	62	43	43	67	57	47	40(18)	68	38	64	41
		68	38	64	41(91)	44	44	62	62	37	68	41	65(268)
91.9	9.5	64	64	42	42	71	55	49	37(26)	71	35	66	39
		69	34	68	40(98)	42	42	63	63	33	69	40	68(261)
98.4	9.0	65	65	40	40	75	53	50	33(31)	74	32	69	36
		71	29	71	39(102)	40	40	65	65	29	71	39	71(257)
105.0	8.4	67	67	38	38	78	51	50	30(34)	76	29	70	34
		72	26	73	38(105)	39	39	66	66	26	72	39	73(254)
111.5	7.9	68	68	36	36	81	49	52	27(37)	79	26	72	32
		73	22	76	38(108)	37	37	68	68	22	73	38	76(251)
118.1	7.5	70	70	35	35	84	47	52	24(39)	82	23	74	30
		74	19	79	37(109)	35	35	69	69	19	74	37	79(250)
124.7	7.1	71	71	33	33	87	46	54	22(41)	84	21	76	28
		75	16	81	36(111)	33	33	71	71	16	75	36	81(248)
131.2	6.6	73	73	32	32	90	46	52	20(39)	86	18	78	26
		76	13	84	35(112)	32	32	72	72	13	76	36	84(247)
137.8	6.4	74	74	30	30	93	44	54	16(41)	89	15	80	23
		80	9	86	32(109)	30	30	74	74	9	80	33	86(250)
144.4	6.0	75	75	28	28	95	44	54	14(41)	91	13	82	22
		82	7	88	31(109)	28	28	75	75	7	81	31	88(250)
150.9	5.7	77	77	26	26	99	42	54	11(42)	94	9	84	19
		83	3	90	30(110)	27	27	77	77	3	82	30	91(249)
157.5	5.1	77	77	26	26	100	41	55	10(43)	95	8	84	19
		83	2	91	30(111)	26	26	77	77	2	82	30	91(248)

 HA= 96.5 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.6 8.5 8.5

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)								
	A	B	C	D	A	B	C	D	6(...)				
52.5	13.4	52	52	55	55	51	56	52	56(59)	51	57	51	55
		53	57	51	54(128)	56	56	52	52	57	53	54	51(232)
59.1	12.3	54	54	53	53	54	53	53	52(59)	54	53	54	52
		54	53	54	53(127)	53	53	53	53	53	54	53	54(232)
65.6	11.2	56	56	51	51	58	52	54	49(59)	57	50	56	50
		55	49	56	52(128)	51	51	55	55	49	55	52	56(232)
72.2	10.4	57	57	49	49	61	50	55	46(59)	60	47	58	48
		56	46	59	51(128)	49	49	56	56	46	56	51	59(232)
78.7	9.7	59	59	47	47	64	48	56	43(59)	63	43	60	45
		63	43	60	45(90)	47	47	58	58	43	63	45	60(270)
85.3	9.0	60	60	45	45	62	59	46	44(7)	65	40	62	43
		65	40	62	43(90)	45	45	60	60	40	65	43	62(270)
91.9	8.4	62	62	43	43	66	56	47	40(18)	68	37	64	41
		68	37	64	41(91)	44	44	61	61	37	67	41	64(268)
98.4	7.9	63	63	41	41	70	54	49	36(26)	71	34	66	38
		69	33	67	40(98)	42	42	63	63	33	69	40	67(261)
105.0	7.3	64	64	40	40	73	53	49	34(30)	73	32	67	36
		70	30	69	39(101)	40	40	64	64	30	70	39	70(258)
111.5	6.8	66	66	38	38	76	51	50	31(33)	75	29	69	34
		71	27	72	38(104)	39	39	65	65	26	71	38	72(255)
118.1	6.4	67	67	37	37	79	49	51	28(36)	78	27	71	32
		72	23	75	38(107)	37	37	67	67	23	72	38	75(252)
124.7	6.0	68	68	35	35	82	48	52	26(38)	80	24	73	30
		73	21	77	37(108)	35	35	68	68	20	73	37	77(251)
131.2	5.7	70	70	33	33	86	46	53	22(40)	83	21	75	28
		75	17	80	36(110)	34	34	70	70	17	74	36	80(249)
137.8	5.3	71	71	32	32	88	45	53	20(41)	84	19	77	26
		75	14	82	35(111)	32	32	71	71	14	75	36	82(248)
144.4	5.1	73	73	30	30	91	45	53	18(40)	87	16	78	24
		76	11	85	35(113)	30	30	73	73	11	76	35	85(246)
150.9	4.6	74	74	29	29	93	44	53	16(41)	89	14	80	23
		80	9	86	32(109)	29	29	74	74	9	79	32	86(250)
157.5	4.4	75	75	27	27	96	42	54	13(42)	91	11	82	21
		81	6	88	31(110)	28	28	75	75	6	80	31	88(249)
164.0	4.2	77	77	26	26	99	41	55	10(43)	94	9	84	19
		82	2	91	30(111)	26	26	77	77	2	81	31	91(248)

 HA=100.4 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.4 8.4

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)		2(...)		3(90)		6(...)							
	4(...)		5(180)		6(...)									
	A	B	C	D	A	B	C	D	A	B	C	D		
59.1	13.7	56	56	51	51	59	52	55	50	(59)	58	50	56	50
		56	50	57	52(128)	52	52	56	56		50	56	52	57(232)
65.6	12.8	58	58	49	49	63	50	56	46	(59)	62	46	59	47
		57	45	60	51(128)	49	49	58	58		45	57	51	60(232)
72.2	12.1	61	61	46	46	67	47	57	42	(59)	65	42	62	44
		65	42	62	44(90)	47	47	60	60		42	65	44	62(270)
78.7	11.5	62	62	44	44	67	57	48	41	(18)	69	38	64	41
		68	38	65	41(91)	45	45	62	62		38	68	42	65(268)
85.3	10.6	64	64	42	42	71	55	49	37	(25)	71	35	66	39
		70	34	67	40(97)	43	43	63	63		34	69	41	68(262)
91.9	9.9	65	65	40	40	74	53	50	34	(30)	74	32	68	37
		71	30	71	39(102)	41	41	65	65		30	71	40	71(257)
98.4	9.3	67	67	38	38	78	51	51	31	(34)	77	29	70	34
		72	26	73	39(105)	39	39	66	66		26	72	39	74(254)
105.0	8.8	69	69	36	36	82	49	52	27	(37)	80	26	73	32
		73	22	77	38(108)	37	37	68	68		22	73	38	77(251)
111.5	8.4	71	71	34	34	85	48	53	24	(39)	83	23	75	29
		75	18	80	37(110)	35	35	70	70		18	74	37	80(249)
118.1	7.9	72	72	32	32	89	46	54	21	(41)	85	20	77	27
		76	15	82	36(111)	33	33	72	72		15	76	36	83(248)
124.7	7.5	74	74	31	31	91	46	53	18	(40)	88	17	79	25
		77	11	85	35(113)	31	31	73	73		11	76	36	85(246)
131.2	7.1	75	75	29	29	94	44	54	16	(41)	90	14	81	23
		81	9	87	32(109)	30	30	75	75		9	80	32	87(250)
137.8	6.8	77	77	27	27	98	43	55	12	(42)	94	11	83	20
		83	5	90	31(110)	28	28	77	77		5	82	31	90(249)
144.4	6.0	77	77	27	27	98	42	54	12	(42)	94	10	84	20
		83	4	90	30(110)	27	27	77	77		4	82	31	90(249)
150.9	5.3	77	77	26	26	99	41	55	11	(43)	95	9	84	19
		82	3	91	30(111)	26	26	77	77		2	82	31	91(248)
157.5	4.6	77	77	25	25	100	41	55	10	(43)	95	8	84	18
		83	2	92	30(111)	26	26	77	77		1	82	30	92(248)
164.0	4.0	78	78	25	25	101	40	55	9	(43)	95	7	85	18
		83	1	92	29(111)	25	25	77	77		1	82	30	92(248)
177.2	2.6	77	77	24	24	101	40	55	8	(43)	95	6	85	17
		83	0	92	28(111)	24	24	77	77		0	82	29	93(248)

HA=110.2 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.6 8.6

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 114.5 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-45-100-100 % LK = 37

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)		2(...)		3(90)		6(...)					
	4(...)		5(180)		6(...)							
	A	B	C	D	A	B	C	D	A	B	C	D

59.1	12.6	55	55	52	52	56	53	54	51(59)	56	52	55	52
		55	52	55	53(127)	53	53	54	54	52	55	53	55(232)
65.6	11.5	56	56	50	50	59	51	55	48(59)	59	49	57	49
		56	48	58	52(128)	50	50	56	56	48	56	52	58(232)
72.2	10.6	58	58	48	48	63	49	56	45(59)	62	45	59	47
		57	44	61	51(128)	49	49	58	58	44	57	51	61(232)
78.7	9.9	60	60	46	46	66	47	56	41(59)	65	42	61	44
		65	42	61	44(90)	46	46	59	59	42	65	44	61(270)
85.3	9.3	62	62	44	44	65	57	47	41(16)	67	38	63	41
		67	38	63	41(90)	44	44	61	61	38	67	41	63(270)
91.9	8.6	63	63	42	42	69	55	48	37(24)	70	35	65	39
		69	34	66	40(96)	42	42	62	62	34	69	40	67(263)
98.4	8.2	65	65	40	40	73	53	49	34(30)	73	32	68	37
		70	30	70	39(101)	40	40	64	64	30	70	39	70(258)
105.0	7.7	66	66	38	38	77	51	50	30(34)	76	29	70	34
		71	26	73	38(105)	39	39	66	66	26	71	39	73(254)
111.5	7.3	68	68	36	36	81	49	52	27(37)	79	26	72	32
		73	22	76	37(107)	37	37	68	68	22	73	38	76(252)
118.1	6.8	69	69	35	35	84	47	52	24(39)	81	23	74	30
		74	19	78	37(109)	35	35	69	69	19	73	37	78(250)
124.7	6.4	71	71	33	33	87	46	53	22(40)	84	21	76	28
		75	16	81	36(111)	33	33	71	71	16	74	37	81(248)
131.2	6.0	72	72	32	32	90	44	54	19(42)	86	18	77	26
		76	13	83	35(112)	32	32	72	72	13	75	36	83(247)
137.8	5.7	74	74	30	30	93	44	53	17(41)	89	15	80	23
		77	9	86	34(113)	30	30	74	74	9	77	35	86(246)
144.4	5.3	75	75	28	28	95	44	53	15(41)	91	13	81	22
		81	7	87	31(109)	29	29	75	75	7	80	32	87(250)
150.9	5.1	77	77	26	26	98	42	54	12(42)	93	10	83	20
		82	4	90	30(110)	27	27	76	76	4	82	31	90(249)
157.5	4.6	77	77	25	25	100	41	55	10(43)	95	8	84	18
		83	2	92	30(111)	26	26	77	77	1	82	30	92(248)
164.0	4.0	78	78	25	25	101	40	55	9(43)	95	7	85	18
		83	1	92	29(111)	25	25	77	77	1	82	30	92(248)
177.2	2.6	77	77	24	24	101	40	55	8(43)	95	7	85	17
		83	0	92	29(111)	24	24	77	77	0	82	29	92(248)

 HA=114.5 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.7 8.5 8.6

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
59.1	13.4	57	57	51	51	59	52	55	49(59)	58	50	57	50
		56	49	58	52(128)	52	52	56	56	49	56	52	58(232)
65.6	12.8	59	59	48	48	64	49	56	45(59)	62	45	60	47
		58	44	61	51(128)	49	49	58	58	44	58	51	61(232)
72.2	12.1	61	61	46	46	62	60	47	45(6)	66	41	63	43
		66	41	63	43(90)	46	46	60	60	41	66	43	63(270)

78.7	11.5	63	63	43	43	68	57	48	39(21)	70	37	65	41
		69	37	66	41(94)	44	44	62	62	37	69	41	66(265)
85.3	10.8	65	65	41	41	73	54	50	35(29)	73	34	68	38
		71	32	69	40(100)	42	42	64	64	32	70	40	70(259)
91.9	10.1	67	67	39	39	77	52	51	32(33)	76	30	70	35
		72	28	73	39(104)	39	39	66	66	28	72	39	73(255)
98.4	9.7	69	69	37	37	82	50	52	28(37)	80	26	73	32
		74	23	76	38(107)	37	37	68	68	23	73	38	77(252)
105.0	9.0	70	70	35	35	85	48	53	25(39)	82	24	75	30
		75	20	79	37(109)	35	35	70	70	19	74	37	79(250)
111.5	8.6	72	72	33	33	88	46	54	21(41)	85	20	77	28
		76	16	82	36(111)	34	34	71	71	15	75	37	82(248)
118.1	8.2	74	74	31	31	91	46	53	19(40)	88	17	79	25
		77	12	85	35(113)	32	32	73	73	12	76	36	85(246)
124.7	7.7	75	75	29	29	95	45	54	16(41)	91	14	81	23
		81	9	87	32(109)	30	30	75	75	9	81	32	87(250)
131.2	7.3	77	77	28	28	98	43	55	13(42)	93	11	83	21
		82	6	90	31(110)	28	28	76	76	5	82	32	90(249)
137.8	6.4	77	77	27	27	98	43	54	12(42)	94	10	84	20
		83	4	90	30(110)	27	27	77	77	4	82	31	90(249)
144.4	5.7	77	77	26	26	100	41	55	11(43)	95	9	84	19
		83	3	91	30(111)	26	26	77	77	2	82	31	91(248)
150.9	5.1	78	78	25	25	101	41	55	9(43)	96	8	85	18
		83	1	92	30(111)	26	26	78	78	1	83	30	92(248)
157.5	4.2	77	77	25	25	100	41	55	9(43)	95	8	85	18
		83	1	92	30(111)	25	25	77	77	1	82	30	92(248)
164.0	3.5	78	78	25	25	101	40	55	9(43)	95	7	85	17
		83	0	92	29(111)	25	25	77	77	0	82	30	92(248)

 HA=124.3 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.6 8.6

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 130.9 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-100-100-100 % LK = 46

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
65.6	11.5	57	57	49	49	61	50	55	47(59)	60	47	58	48
		56	47	59	51(128)	50	50	56	56	47	56	51	59(232)
72.2	10.8	59	59	47	47	65	48	56	43(59)	63	44	60	45
		63	44	60	45(90)	48	48	59	59	44	63	45	60(270)
78.7	10.1	61	61	45	45	63	58	47	43(11)	66	40	63	43
		66	40	63	43(90)	45	45	60	60	40	66	43	63(270)
85.3	9.5	63	63	43	43	68	56	48	39(22)	69	36	65	40
		69	36	66	41(94)	43	43	62	62	36	69	41	66(265)
91.9	8.8	64	64	41	41	72	54	49	35(28)	72	33	67	37
		70	32	69	40(100)	41	41	64	64	32	70	40	69(259)
98.4	8.4	66	66	39	39	77	52	50	31(33)	75	30	69	35
		71	27	72	39(104)	39	39	66	66	27	71	39	73(255)
105.0	7.9	68	68	37	37	80	50	51	28(36)	78	26	72	32
		73	23	76	38(107)	37	37	67	67	23	73	38	76(252)

111.5	7.5	70	70	35	35	84	48	52	25(39)	81	23	74	30
		74	19	78	37(109)	35	35	69	69	19	74	37	79(250)
118.1	7.1	71	71	33	33	87	46	54	22(41)	84	21	76	28
		75	16	81	36(111)	33	33	71	71	16	75	37	81(248)
124.7	6.6	73	73	31	31	90	46	52	19(39)	87	18	78	26
		77	13	84	35(112)	32	32	72	72	12	76	36	84(247)
131.2	6.4	75	75	29	29	94	44	54	16(41)	90	14	80	23
		80	9	86	32(109)	30	30	74	74	9	80	32	86(250)
137.8	6.0	76	76	28	28	97	43	54	13(42)	92	12	82	21
		82	6	89	31(110)	28	28	76	76	6	81	32	89(249)
144.4	5.7	78	78	26	26	100	41	55	10(43)	95	9	85	19
		83	2	92	30(111)	26	26	77	77	2	82	31	92(248)
150.9	4.9	77	77	26	26	100	41	55	10(43)	95	8	84	18
		83	2	91	30(111)	26	26	77	77	2	82	30	92(248)
157.5	4.2	78	78	25	25	101	41	55	9(43)	95	7	85	18
		83	1	92	29(111)	25	25	77	77	1	82	30	92(248)
164.0	3.3	77	77	25	25	100	40	55	9(43)	95	8	84	18
		82	1	91	29(111)	25	25	77	77	1	82	30	91(248)

 HA=130.9 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.5 8.6

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 138.1 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-45-90-90-90 % LK = 54

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
65.6	12.6	60	60	47	47	65	49	56	44(59)	63	44	60	46
		63	44	60	46(90)	48	48	59	59	44	63	46	60(270)
72.2	12.1	62	62	45	45	65	58	47	42(14)	68	40	64	42
		68	40	64	42(90)	45	45	61	61	40	68	42	64(270)
78.7	11.5	64	64	42	42	71	56	49	37(25)	71	36	67	39
		70	34	68	41(97)	43	43	63	63	34	70	41	68(262)
85.3	10.8	66	66	40	40	75	53	50	33(31)	75	32	69	36
		71	30	72	40(103)	41	41	65	65	29	71	40	72(256)
91.9	10.4	68	68	37	37	80	50	52	29(36)	79	28	72	33
		73	24	76	38(107)	38	38	68	68	24	73	39	76(252)
98.4	9.9	71	71	35	35	85	48	53	25(39)	82	24	75	30
		75	20	79	37(109)	36	36	70	70	20	75	37	80(250)
105.0	9.3	72	72	33	33	89	46	54	22(41)	85	21	77	28
		76	16	82	36(111)	34	34	72	72	16	76	37	82(248)
111.5	8.8	74	74	31	31	92	46	54	19(40)	88	17	79	25
		77	12	86	35(113)	32	32	73	73	11	77	36	86(246)
118.1	8.4	76	76	29	29	96	45	54	15(41)	91	14	82	22
		82	8	88	32(109)	30	30	75	75	8	81	32	88(250)
124.7	7.7	77	77	28	28	98	43	55	13(42)	94	11	83	21
		83	6	90	31(110)	28	28	77	77	5	82	32	90(249)
131.2	6.8	77	77	27	27	99	43	55	12(42)	94	10	84	20
		83	4	91	30(110)	27	27	77	77	4	83	31	91(249)
137.8	6.0	78	78	26	26	100	41	55	11(43)	95	9	84	19
		83	3	91	30(111)	26	26	77	77	2	82	31	91(248)

144.4	5.1	78	78	26	26	100	41	55	10(43)	95	8	84	18
	83	2	91	30(111)	26	26	77	77		2	82	30	92(248)
150.9	4.2	77	77	25	25	100	41	55	10(43)	95	8	84	18
	83	2	91	30(111)	26	26	77	77		2	82	30	92(248)
157.5	3.5	78	78	25	25	101	40	55	9(43)	95	7	85	17
	83	0	92	29(111)	25	25	77	77		0	82	30	92(248)
164.0	2.6	77	77	25	25	100	40	55	9(43)	95	7	84	18
	82	1	91	29(111)	25	25	77	77		1	82	30	91(248)

 HA=138.1 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.7 8.5 8.6

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 145.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(...)						
	A	B	C	D	A	B	C	D					
65.6	11.7	58	58	48	48	63	49	56	45(59)	62	46	59	47
		57	45	60	51(128)	49	49	58	58	45	57	51	60(232)
72.2	10.8	60	60	46	46	67	47	57	42(59)	65	42	61	44
		65	42	61	44(90)	47	47	60	60	42	65	44	61(270)
78.7	10.1	62	62	44	44	66	57	47	41(17)	68	38	64	41
		68	38	64	41(90)	44	44	62	62	38	68	41	64(269)
85.3	9.5	64	64	41	41	71	55	49	37(26)	71	35	66	39
		70	33	68	40(98)	42	42	63	63	33	69	40	68(261)
91.9	9.0	66	66	39	39	76	52	50	32(32)	75	31	69	35
		71	28	72	39(103)	40	40	65	65	28	71	39	72(256)
98.4	8.6	68	68	37	37	80	50	51	28(36)	78	27	72	33
		73	24	75	38(107)	37	37	67	67	24	72	38	75(252)
105.0	8.2	70	70	35	35	84	48	53	25(39)	82	24	74	30
		74	20	79	37(109)	35	35	69	69	19	74	37	79(250)
111.5	7.7	72	72	33	33	88	46	54	22(41)	85	20	77	28
		76	16	82	36(111)	33	33	71	71	15	75	36	82(248)
118.1	7.3	73	73	31	31	91	46	53	19(40)	88	17	79	25
		77	12	85	35(113)	31	31	73	73	12	76	36	85(246)
124.7	6.8	75	75	29	29	94	44	54	16(41)	90	14	81	23
		81	9	87	32(109)	30	30	75	75	9	80	32	87(250)
131.2	6.6	77	77	27	27	98	43	55	12(42)	94	11	84	20
		83	5	90	30(110)	27	27	77	77	4	82	31	90(249)
137.8	6.0	78	78	26	26	100	41	55	10(43)	95	9	85	19
		83	2	92	30(111)	26	26	77	77	2	82	31	92(248)
144.4	5.1	78	78	25	25	101	41	55	10(43)	95	8	85	18
		83	2	92	30(111)	26	26	77	77	2	82	30	92(248)
150.9	4.2	77	77	25	25	100	41	55	9(43)	95	8	85	18
		83	1	92	30(111)	25	25	77	77	1	82	30	92(248)
157.5	3.3	77	77	25	25	100	40	55	9(43)	95	8	84	18
		82	1	91	29(111)	25	25	77	77	1	82	30	91(248)
164.0	2.6	77	77	25	25	100	40	55	9(43)	95	7	84	17
		83	1	91	29(111)	25	25	77	77	0	82	30	92(248)

 HA=145.0 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.7 8.5 8.6

 Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])	0-360 Degr.				
		1(0)				2(...)						3(90)			
		4(...)				5(180)						6(...)			
A	B	C	D	A	B	C	D	A	B	C	D				
72.2	11.9	63	63	44	44	67	58	48	41(17)	69	39	64	42		
		69	39	64	42(90)	45	45	62	62	39	69	42	65(269)		
78.7	11.2	65	65	41	41	72	55	49	36(27)	73	35	67	38		
		71	33	69	40(99)	42	42	64	64	33	70	41	69(260)		
85.3	10.8	67	67	39	39	78	52	51	31(34)	77	30	71	35		
		72	27	73	39(105)	39	39	67	67	27	72	39	74(254)		
91.9	10.4	69	69	36	36	83	49	53	27(38)	81	26	73	32		
		74	22	78	38(108)	37	37	69	69	22	74	38	78(251)		
98.4	9.9	72	72	34	34	88	47	54	23(40)	84	22	77	29		
		76	17	82	37(111)	34	34	71	71	17	75	37	82(248)		
105.0	9.5	74	74	32	32	91	47	54	19(40)	88	18	79	26		
		77	13	85	36(113)	32	32	73	73	12	77	37	85(246)		
111.5	9.0	76	76	29	29	96	45	54	16(41)	91	14	82	23		
		82	9	88	32(109)	30	30	75	75	9	81	32	88(250)		
118.1	8.4	77	77	28	28	99	43	55	13(42)	94	11	84	21		
		83	5	90	31(110)	28	28	77	77	5	82	32	90(249)		
124.7	7.3	77	77	27	27	99	43	55	12(42)	94	10	84	20		
		83	4	91	30(110)	27	27	77	77	4	83	31	91(249)		
131.2	6.2	77	77	26	26	99	42	55	11(42)	94	10	84	19		
		83	4	91	30(110)	27	27	77	77	4	82	31	91(249)		
137.8	5.3	77	77	26	26	100	41	55	10(43)	95	9	84	19		
		83	2	91	30(111)	26	26	77	77	2	82	31	91(248)		
144.4	4.4	77	77	25	25	100	41	55	10(43)	95	8	84	18		
		83	2	91	30(111)	26	26	77	77	2	82	30	92(248)		
150.9	3.5	77	77	25	25	100	41	55	9(43)	95	8	84	18		
		83	1	91	29(111)	25	25	77	77	1	82	30	92(248)		
157.5	2.9	77	77	24	24	101	40	55	9(43)	95	7	85	17		
		83	0	92	29(111)	25	25	77	77	0	82	30	92(248)		

 HA=152.2 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.5 8.6

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 161.4 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])	0-360 Degr.				
		1(0)				2(...)						3(90)			
		4(...)				5(180)						6(...)			
A	B	C	D	A	B	C	D	A	B	C	D				
72.2	10.8	61	61	45	45	63	59	47	44(9)	66	41	63	43		
		66	41	63	43(90)	46	46	60	60	41	66	43	63(270)		
78.7	10.1	63	63	43	43	69	56	48	39(22)	70	37	65	40		
		69	36	66	41(95)	43	43	63	63	35	69	41	66(264)		

85.3	9.7	65	65	40	40	74	53	50	34(30)	74	32	68	37
		71	30	71	39(102)	41	41	65	65	30	71	40	71(257)
91.9	9.0	67	67	38	38	78	51	51	30(35)	77	29	71	34
		73	26	74	38(105)	39	39	67	67	26	72	39	74(254)
98.4	8.6	69	69	36	36	83	49	52	26(38)	80	25	73	31
		74	21	78	37(108)	36	36	69	69	21	74	38	78(251)
105.0	8.2	71	71	34	34	87	47	53	22(40)	84	21	76	28
		75	17	81	37(111)	34	34	71	71	17	75	37	81(248)
111.5	7.7	73	73	31	31	91	46	53	19(40)	87	18	78	26
		77	13	84	35(112)	32	32	73	73	12	77	36	84(247)
118.1	7.5	75	75	29	29	95	44	54	15(41)	91	14	82	22
		82	8	88	32(109)	29	29	75	75	8	81	32	88(250)
124.7	7.1	77	77	27	27	99	43	55	12(42)	94	11	84	20
		83	4	90	30(110)	27	27	77	77	4	82	31	91(249)
131.2	6.2	78	78	26	26	100	41	55	11(43)	95	9	84	19
		83	3	91	30(111)	26	26	77	77	3	82	31	92(248)
137.8	5.3	78	78	26	26	101	41	55	10(43)	95	8	85	18
		83	2	92	30(111)	26	26	78	78	2	83	30	92(248)
144.4	4.2	77	77	26	26	100	41	55	10(43)	95	8	84	18
		83	2	91	30(111)	26	26	77	77	2	82	30	91(248)
150.9	3.5	78	78	25	25	101	40	55	9(43)	95	7	85	17
		83	0	92	29(111)	25	25	77	77	0	82	30	92(248)
157.5	2.6	77	77	25	25	100	40	55	9(43)	95	7	84	17
		83	0	92	29(111)	25	25	77	77	0	82	30	92(248)

 HA=161.4 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.6 8.6

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 166.0 ft Length of jib = 82.0 ft

Main boom sequence = 0-45-90-90-90-90 % LK = 68

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)	2(...)	3(90)		4(...)	5(180)	6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
72.2	11.7	63	63	43	43	69	56	49	39(22)	70	37	65	41
		69	37	66	41(94)	44	44	63	63	37	69	41	66(265)
78.7	11.2	66	66	40	40	75	53	50	34(31)	75	32	69	37
		71	30	71	40(102)	41	41	65	65	30	71	40	71(257)
85.3	10.8	69	69	37	37	81	51	52	29(36)	79	28	72	33
		73	24	76	39(107)	38	38	68	68	24	73	39	76(252)
91.9	10.4	71	71	35	35	86	48	53	24(39)	83	23	75	30
		75	19	80	37(110)	35	35	70	70	19	75	38	80(249)
98.4	9.9	73	73	32	32	91	45	55	20(42)	87	19	78	27
		77	14	84	36(112)	33	33	73	73	14	77	37	84(247)
105.0	9.5	76	76	30	30	95	45	54	16(41)	91	15	81	24
		78	9	88	35(114)	30	30	75	75	9	78	36	88(245)
111.5	8.6	77	77	28	28	97	44	55	14(42)	93	12	83	22
		82	7	89	32(110)	29	29	76	76	7	82	32	90(249)
118.1	7.5	77	77	27	27	99	43	55	13(42)	94	11	84	21
		83	5	90	31(110)	28	28	77	77	5	82	31	90(249)
124.7	6.4	77	77	27	27	99	43	55	12(42)	94	10	84	20
		83	4	91	30(110)	27	27	77	77	4	82	31	91(249)

131.2	5.3	77	77	26	26	99	41	55	11(43)	94	9	84	19
		82	3	91	30(111)	26	26	77	77	3	82	31	91(248)
137.8	4.4	77	77	26	26	100	41	55	10(43)	95	8	84	18
		83	2	91	30(111)	26	26	77	77	2	82	30	91(248)
144.4	3.5	77	77	25	25	100	41	55	9(43)	95	7	84	18
		83	1	91	29(111)	25	25	77	77	1	82	30	92(248)
150.9	2.6	77	77	25	25	100	40	55	9(43)	95	7	84	18
		83	1	91	29(111)	25	25	77	77	1	82	30	92(248)

 HA=166.0 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.7 8.5 8.5

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 175.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)							
	4(...)				5(180)				6(...)			
	A	B	C	D	A	B	C	D	A	B	C	D
78.7	10.1	64	64	41 41	72	55	49	36(27)	72	35	67	38
		70	33	68 40(98)	42	42	64	64	33	70	40	68(261)
85.3	9.7	67	67	39 39	77	52	50	32(33)	76	30	70	35
		72	28	73 39(104)	39	39	66	66	27	72	39	73(255)
91.9	9.3	69	69	36 36	82	50	52	27(37)	80	26	73	32
		74	22	77 38(108)	37	37	69	69	22	73	38	77(251)
98.4	8.6	71	71	34 34	86	47	53	24(40)	83	22	75	29
		75	18	80 37(110)	35	35	70	70	18	75	37	80(249)
105.0	8.4	73	73	32 32	91	46	53	19(40)	88	18	79	26
		77	13	85 35(112)	32	32	73	73	13	77	36	85(247)
111.5	7.9	75	75	29 29	95	45	54	16(41)	91	14	81	23
		82	9	87 32(109)	30	30	75	75	9	81	32	88(250)
118.1	7.1	76	76	28 28	97	43	55	13(42)	93	12	83	21
		82	6	89 31(110)	28	28	76	76	6	81	32	89(249)
124.7	6.0	77	77	27 27	98	43	54	13(42)	93	11	83	21
		82	5	90 31(110)	28	28	76	76	5	82	31	90(249)
131.2	4.9	76	76	27 27	97	42	54	12(42)	93	10	83	20
		82	4	90 30(110)	27	27	76	76	4	81	31	90(249)
137.8	4.0	77	77	26 26	98	42	54	11(42)	93	9	83	19
		82	3	90 30(110)	26	26	76	76	3	82	30	90(249)
144.4	3.1	76	76	26 26	98	41	54	11(42)	93	9	83	19
		82	3	90 29(110)	26	26	76	76	3	82	30	90(249)
150.9	2.4	77	77	25 25	99	40	55	9(43)	94	7	84	18
		82	1	91 29(111)	25	25	77	77	1	82	30	91(248)

 HA=175.5 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.5 8.5

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 82.0 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)				2(...)				
	3(90)								

	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
78.7	11.0	67	67	39	39	77	53	50	32(32)	76	31	70	36
		72	28	73	39(104)	40	40	66	66	28	72	40	73(255)
85.3	10.6	69	69	37	37	82	50	52	28(37)	80	26	73	32
		74	23	77	38(108)	37	37	69	69	22	74	39	77(251)
91.9	10.4	72	72	34	34	89	47	54	22(41)	85	21	77	28
		76	17	82	37(111)	34	34	72	72	16	76	37	82(248)
98.4	9.9	75	75	31	31	93	46	54	18(40)	90	17	80	25
		78	11	87	35(113)	32	32	74	74	11	78	36	87(246)
105.0	8.8	76	76	29	29	95	45	54	16(41)	91	14	82	23
		82	9	88	32(109)	30	30	75	75	9	81	33	88(250)
111.5	7.5	76	76	29	29	96	44	54	15(41)	92	13	82	22
		82	8	88	31(109)	29	29	75	75	7	81	32	88(250)
118.1	6.2	76	76	28	28	96	43	54	14(42)	92	12	82	22
		81	7	88	31(110)	28	28	75	75	7	81	32	88(249)
124.7	5.1	76	76	28	28	97	43	54	13(42)	92	11	82	21
		81	6	89	31(110)	28	28	75	75	6	81	31	89(249)
131.2	4.2	76	76	27	27	97	42	54	12(42)	93	10	83	20
		82	4	89	30(110)	27	27	76	76	4	81	31	90(249)
137.8	3.1	76	76	26	26	97	42	54	12(42)	92	10	82	20
		82	4	89	30(110)	27	27	76	76	4	81	30	89(249)
144.4	2.4	76	76	26	26	99	41	54	10(43)	93	8	83	19
		82	2	90	30(111)	26	26	76	76	2	81	30	90(248)

HA=180.1 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.4 8.4

Main boom and fixed jib (jib angle 20.0 degrees)
Length of main boom = 191.9 ft Length of jib = 82.0 ft
Main boom sequence = 0-100-100-100-100-100 % LK = 74
Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
85.3	9.5	68	68	38	38	79	51	51	30(35)	78	28	71	34
		73	25	75	38(106)	38	38	67	67	25	72	39	75(253)
91.9	9.0	70	70	35	35	85	48	53	25(39)	82	24	75	30
		75	20	79	37(109)	36	36	70	70	20	74	37	79(250)
98.4	8.6	73	73	33	33	90	46	54	21(41)	86	20	78	27
		76	15	83	36(112)	33	33	72	72	15	76	37	83(247)
105.0	8.2	75	75	30	30	94	45	54	17(41)	90	16	80	24
		78	10	87	35(113)	31	31	74	74	10	78	35	87(246)
111.5	7.1	75	75	29	29	95	44	54	15(41)	91	14	81	22
		81	8	87	32(109)	29	29	75	75	8	81	32	88(250)
118.1	5.7	75	75	28	28	95	44	54	15(41)	91	13	81	22
		81	7	87	31(109)	29	29	75	75	7	81	32	88(250)
124.7	4.6	75	75	28	28	96	43	54	14(42)	91	12	82	21
		81	6	88	31(110)	28	28	75	75	6	80	32	88(249)
131.2	3.7	76	76	27	27	97	42	54	13(42)	92	11	82	20
		81	5	89	30(110)	27	27	75	75	5	81	31	89(249)
137.8	2.6	75	75	27	27	96	42	54	13(42)	91	11	82	20
		81	5	88	30(110)	27	27	75	75	5	80	31	88(249)

 HA=191.9 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.0 7.5 8.2 8.3

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 193.9 ft Length of jib = 82.0 ft
 Main boom sequence = 45-90-90-90-90-90 % LK = 76
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.					
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)				
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D	
85.3	10.4	71	71	35	35	85	49	53	25	(39)	82	24	75	30					
		75	20	79	37	(109)	36	36	70	70		20	75	38	79	(250)			
91.9	10.1	74	74	32	32	91	45	55	20	(42)	88	19	79	26					
		77	14	84	36	(112)	33	33	73	73		14	77	37	85	(247)			
98.4	8.8	74	74	31	31	93	46	54	18	(40)	89	17	80	25					
		78	11	86	35	(113)	31	31	74	74		11	77	36	86	(246)			
105.0	7.3	74	74	30	30	93	45	54	17	(41)	89	15	80	24					
		78	10	86	35	(113)	30	30	74	74		10	77	35	87	(246)			
111.5	6.0	75	75	29	29	94	44	54	16	(41)	90	14	80	23					
		80	9	86	32	(109)	30	30	74	74		9	80	32	86	(250)			
118.1	4.9	75	75	28	28	95	44	53	15	(41)	90	13	81	22					
		81	7	87	31	(109)	29	29	75	75		7	80	32	87	(250)			
124.7	3.7	75	75	28	28	95	43	53	14	(41)	91	12	81	21					
		81	6	87	30	(109)	28	28	75	75		6	80	31	88	(250)			
131.2	2.6	75	75	27	27	95	42	54	13	(42)	91	11	81	21					
		80	6	87	31	(110)	28	28	75	75		6	80	31	88	(249)			

 HA=193.9 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.8 7.5 8.1 8.1

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 205.7 ft Length of jib = 82.0 ft
 Main boom sequence = 45-100-100-100-100-100 % LK = 77
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.					
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)				
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D	
85.3	9.0	68	68	37	37	81	50	52	28	(36)	79	27	72	32					
		73	23	76	38	(107)	37	37	68	68		23	73	38	76	(252)			
91.9	8.8	71	71	34	34	87	47	53	23	(40)	84	22	76	29					
		75	17	81	37	(111)	34	34	71	71		17	75	37	81	(248)			
98.4	8.4	74	74	31	31	92	46	53	19	(40)	88	17	79	25					
		77	12	85	36	(113)	32	32	73	73		12	77	36	86	(246)			
105.0	6.8	74	74	30	30	92	46	53	18	(40)	88	16	79	24					
		77	11	86	35	(113)	31	31	73	73		11	77	35	86	(246)			
111.5	5.5	74	74	30	30	92	45	53	17	(40)	89	15	80	24					
		77	9	86	34	(113)	30	30	74	74		9	77	35	86	(246)			
118.1	4.4	74	74	29	29	93	44	53	15	(41)	90	14	80	22					
		80	8	86	32	(109)	29	29	74	74		8	79	32	86	(250)			
124.7	3.3	74	74	28	28	94	43	53	15	(41)	90	13	80	22					
		80	7	86	31	(109)	28	28	74	74		7	80	32	86	(250)			

131.2 2.2 74 74 28 28 93 43 53 14(41) 90 12 80 22
 80 7 86 31(109) 28 28 74 74 7 79 31 86(250)

HA=205.7 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.7 7.4 8.0 8.0

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 208.0 ft Length of jib = 82.0 ft
 Main boom sequence = 90-90-90-90-90-90 % LK = 78
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
85.3	9.5	70	70	35	35	85	48	53	25(39)	82	24	75	30
		75	20	79	37(109)	36	36	70	70	20	75	37	79(250)
91.9	9.0	73	73	32	32	91	45	55	20(42)	87	19	78	26
		77	14	84	36(112)	33	33	73	73	14	76	36	84(247)
98.4	7.5	73	73	31	31	91	46	53	19(40)	88	17	79	25
		77	12	85	35(113)	32	32	73	73	12	76	36	85(246)
105.0	6.0	73	73	30	30	91	45	53	18(40)	88	16	79	24
		77	11	85	35(113)	31	31	73	73	11	76	35	85(246)
111.5	4.6	73	73	30	30	92	45	53	17(40)	88	15	79	24
		77	9	86	34(113)	30	30	73	73	9	76	35	86(246)
118.1	3.5	74	74	29	29	93	44	53	16(41)	89	14	80	22
		80	9	86	31(109)	29	29	73	73	8	79	32	86(250)
124.7	2.4	74	74	28	28	93	43	53	15(41)	89	13	80	22
		80	7	86	31(109)	28	28	74	74	7	79	31	86(250)

HA=208.0 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.7 7.4 8.0 8.0

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 219.8 ft Length of jib = 82.0 ft
 Main boom sequence = 90-100-100-100-100-100 % LK = 80
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
91.9	7.7	71	71	34	34	86	47	53	23(40)	83	22	75	29
		75	18	80	36(110)	34	34	70	70	17	75	37	80(249)
98.4	7.1	73	73	32	32	90	45	54	19(42)	87	18	78	26
		77	13	84	35(112)	32	32	72	72	13	76	36	84(247)
105.0	5.5	73	73	31	31	90	45	53	19(40)	87	17	78	25
		77	12	84	35(112)	31	31	72	72	12	76	35	84(247)
111.5	4.2	73	73	30	30	91	45	52	18(40)	87	16	78	24
		76	11	84	35(113)	30	30	73	73	11	75	35	85(246)
118.1	3.1	73	73	29	29	91	44	52	17(40)	88	15	79	23
		76	9	85	34(113)	30	30	73	73	9	76	35	85(246)

HA=219.8 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.5 7.0 7.9 7.9

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

14.10.2003, 15:45:01

Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137612_tab.txt

H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer KS

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Outrigger width   = 18.7 ft           Outrigger length = 27.7 ft
Outrigger "A"    X = 12.0 ft           Outrigger "A"    Y =  9.4 ft
Outrigger "B"    X = 12.0 ft           Outrigger "B"    Y = -9.4 ft
Outrigger "C"    X = -15.7 ft          Outrigger "C"    Y =  9.4 ft
Outrigger "D"    X = -15.7 ft          Outrigger "D"    Y = -9.4 ft
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Main boom and fixed jib (jib angle 40.0 degrees)
Length of main boom = 40.7 ft           Length of jib    = 82.0 ft
Main boom sequence = 0-0-0-0-0-0 %      LK = 1
Counterweight      = 68.6 kip
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Radius Cap. [ft]	Outrigger Loadin[kip]	(Pos.[Degrees])				0-360 Degr.								
		1(0)		2(...)			3(90)							
		4(...)	5(180)					6(...)						
[kip]	A	B	C	D	A	B	C	D	A	B	C	D		
52.5	13.2	49	49	58	58	44	59	50	62(59)	45	63	47	60	
		50	64	45	55(128)	59	59	48	48	64	50	55	45(232)	
59.1	12.1	50	50	56	56	48	56	51	58(59)	49	59	49	57	
		51	60	48	54(128)	57	57	50	50	60	51	54	48(232)	
65.6	11.5	53	53	54	54	52	54	52	54(59)	52	55	52	54	
		53	55	52	53(127)	54	54	52	52	55	53	53	52(232)	
72.2	10.8	55	55	51	51	56	52	54	50(59)	56	51	54	51	
		54	50	55	52(128)	52	52	54	54	50	54	52	55(232)	
78.7	10.1	57	57	49	49	60	50	54	47(59)	59	47	57	48	
		56	46	58	51(128)	50	50	56	56	46	56	51	58(232)	
85.3	9.5	58	58	47	47	64	48	56	43(59)	62	44	60	45	
		62	44	60	45(90)	47	47	58	58	44	62	45	60(270)	
91.9	9.3	61	61	44	44	64	58	47	42(13)	67	39	63	42	
		67	39	63	42(90)	45	45	60	60	39	67	42	63(270)	
98.4	8.8	63	63	42	42	70	55	48	37(25)	70	35	66	39	
		69	34	67	40(97)	42	42	63	63	34	69	40	67(262)	

```
-----
HA= 40.7 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 6.5 6.4 6.2 6.2
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-----
Main boom and fixed jib (jib angle 40.0 degrees)
Length of main boom = 54.5 ft           Length of jib    = 82.0 ft
Main boom sequence = 0-0-0-0-0-45 %      LK = 7
Counterweight      = 68.6 kip
-----
```

Radius Cap. [ft]	Outrigger Loadin[kip]	(Pos.[Degrees])			0-360 Degr.
		1(0)		3(90)	
		2(...)			

	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
52.5	13.2	49	49	58	58	44	59	50	62	(59)	45	63	47	60
		50	64	45	55(128)	59	59	48	48	64	50	55	45(232)	
59.1	12.3	51	51	56	56	48	56	51	58	(59)	49	59	49	57
		52	60	48	54(128)	57	57	50	50	60	52	54	48(232)	
65.6	11.7	53	53	54	54	52	54	52	54	(59)	52	55	52	54
		53	55	52	53(127)	54	54	52	52	55	53	53	52(232)	
72.2	11.0	55	55	51	51	56	52	54	50	(59)	56	51	55	51
		54	50	55	52(128)	52	52	54	54	50	54	52	55(232)	
78.7	10.4	57	57	49	49	60	50	55	47	(59)	59	47	57	48
		56	46	58	51(128)	50	50	56	56	46	56	51	58(232)	
85.3	9.9	59	59	47	47	64	48	56	43	(59)	63	43	60	45
		63	43	60	45(90)	47	47	58	58	43	63	45	60(270)	
91.9	9.5	61	61	44	44	63	58	47	42	(12)	66	39	63	42
		66	39	63	42(90)	45	45	60	60	39	66	42	63(270)	
98.4	9.0	63	63	42	42	69	55	48	38	(23)	70	36	65	39
		69	35	66	40(96)	43	43	62	62	35	69	41	66(263)	
105.0	8.6	65	65	40	40	74	53	49	34	(30)	73	32	68	36
		70	30	70	39(102)	40	40	64	64	30	70	39	70(257)	

HA= 54.5 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 6.8 6.5 6.5 6.5

Main boom and fixed jib (jib angle 40.0 degrees)
Length of main boom = 68.6 ft Length of jib = 82.0 ft
Main boom sequence = 0-0-0-0-0-90 % LK = 13
Counterweight = 68.6 kip

	Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)								
		4(...)				5(180)				6(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
59.1	12.3	51	51	56	56	48	56	51	58	(59)	49	59	49	57
		52	60	48	54(128)	57	57	50	50	60	52	54	48(232)	
65.6	11.7	53	53	54	54	52	54	52	54	(59)	52	55	52	54
		53	55	52	53(127)	54	54	52	52	55	53	53	52(232)	
72.2	10.8	54	54	52	52	56	52	53	51	(59)	55	51	54	51
		54	51	54	52(127)	52	52	54	54	51	54	52	54(232)	
78.7	10.1	56	56	49	49	59	50	54	47	(59)	58	48	56	49
		55	47	58	51(128)	50	50	56	56	47	55	51	58(232)	
85.3	9.3	58	58	48	48	62	49	55	45	(59)	61	45	58	47
		56	44	60	50(128)	48	48	57	57	44	56	50	60(232)	
91.9	8.6	59	59	46	46	65	47	56	42	(59)	63	42	60	44
		63	42	60	44(90)	46	46	58	58	42	63	44	60(270)	
98.4	7.9	60	60	44	44	62	58	46	43	(10)	66	39	62	42
		66	39	62	42(90)	45	45	60	60	39	66	42	62(270)	
105.0	7.5	62	62	42	42	67	56	47	38	(21)	69	36	64	39
		68	35	65	40(94)	43	43	62	62	35	68	40	65(265)	
111.5	7.1	64	64	40	40	71	53	49	35	(28)	71	33	67	37
		69	31	68	39(100)	41	41	63	63	31	69	39	69(259)	
118.1	6.6	65	65	38	38	75	52	49	32	(32)	74	30	69	35
		71	27	71	38(104)	39	39	65	65	27	70	39	72(255)	

HA= 68.6 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 7.0 6.5 6.6 6.7

 Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-100 % LK = 14
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
59.1	11.5	50	50	57	57	46	57	50	59	(59)	47	60	48	58
		51	61	47	54(128)	57	57	49	49		61	51	54	47(232)
65.6	10.4	51	51	55	55	49	55	51	56	(59)	49	57	50	56
		52	58	49	54(128)	56	56	50	50		58	52	54	49(232)
72.2	9.5	52	52	53	53	52	54	52	53	(59)	52	54	52	53
		52	54	51	53(127)	54	54	52	52		54	52	53	51(232)
78.7	8.8	54	54	51	51	55	52	53	50	(59)	55	51	54	51
		54	50	54	52(127)	52	52	53	53		50	54	52	54(232)
85.3	7.9	55	55	49	49	58	50	54	48	(59)	57	48	55	49
		54	48	56	51(128)	50	50	55	55		48	54	51	56(232)
91.9	7.5	57	57	47	47	61	48	54	45	(59)	60	45	58	46
		56	44	59	50(128)	48	48	56	56		44	56	50	59(232)
98.4	6.8	58	58	46	46	63	47	55	42	(59)	62	42	59	44
		62	42	59	44(90)	46	46	58	58		42	62	44	59(270)
105.0	6.4	60	60	44	44	61	58	46	43	(8)	65	39	61	42
		65	39	61	42(90)	45	45	59	59		39	65	42	61(270)
111.5	6.0	61	61	42	42	66	56	47	39	(19)	67	36	63	40
		67	36	64	40(92)	43	43	61	61		36	67	40	64(267)
118.1	5.5	63	63	41	41	69	54	48	36	(26)	70	34	65	38
		68	32	67	39(98)	41	41	62	62		32	68	39	67(261)

 HA= 70.2 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 6.5 6.3 6.2 6.2

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
65.6	11.9	53	53	53	53	53	54	53	53	(59)	53	54	53	53
		53	54	52	53(127)	54	54	53	53		54	53	53	52(232)
72.2	11.0	55	55	51	51	57	52	54	50	(59)	56	50	55	50
		54	50	55	52(128)	52	52	54	54		50	54	52	55(232)
78.7	10.4	57	57	49	49	60	50	55	47	(59)	59	47	57	48
		56	46	59	51(128)	49	49	56	56		46	56	51	59(232)
85.3	9.7	59	59	47	47	64	48	56	43	(59)	62	44	60	45
		62	44	60	45(90)	47	47	58	58		44	62	45	60(270)
91.9	9.0	60	60	45	45	61	59	46	44	(5)	65	41	62	43
		65	41	62	43(90)	45	45	60	60		41	65	43	62(270)
98.4	8.4	62	62	43	43	65	57	47	40	(17)	68	38	63	41
		68	38	63	41(90)	44	44	61	61		37	67	41	64(269)

105.0	7.9	63	63	41	41	70	54	49	36(26)	71	34	66	38
		69	33	67	40(98)	42	42	63	63	33	69	40	67(261)
111.5	7.3	64	64	40	40	73	53	49	34(30)	73	32	67	36
		70	30	69	39(101)	40	40	64	64	30	70	39	70(258)
118.1	7.1	67	67	37	37	78	50	51	30(35)	76	28	70	34
		72	25	73	38(105)	38	38	66	66	25	71	38	73(254)
124.7	6.6	68	68	36	36	81	49	51	26(37)	79	25	72	31
		73	21	76	37(108)	36	36	68	68	21	72	37	77(251)
131.2	6.2	70	70	34	34	84	47	52	24(39)	82	22	74	29
		74	18	79	36(110)	34	34	69	69	18	73	37	79(249)

HA= 82.3 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 7.8 6.8 7.3 7.4

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 84.0 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-45-100 % LK = 21

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
65.6	10.6	51	51	54	54	50	55	52	56(59)	50	56	50	55
		52	57	50	53(128)	55	55	51	51	57	52	53	50(232)
72.2	9.7	53	53	52	52	53	53	52	52(59)	53	53	52	52
		53	53	52	52(127)	53	53	52	52	53	53	52	52(232)
78.7	9.0	55	55	50	50	56	51	53	49(59)	56	50	55	50
		54	49	55	52(128)	51	51	54	54	49	54	52	55(232)
85.3	8.4	56	56	49	49	60	49	54	47(59)	58	47	57	48
		55	46	58	51(128)	49	49	56	56	46	55	51	58(232)
91.9	7.7	58	58	47	47	62	48	55	44(59)	61	44	58	45
		56	43	60	50(128)	47	47	57	57	43	56	50	60(232)
98.4	7.3	59	59	45	45	60	59	45	45(1)	64	41	61	43
		64	41	61	43(90)	45	45	59	59	41	64	43	61(270)
105.0	6.8	61	61	43	43	65	56	47	40(16)	67	37	63	41
		67	37	63	41(90)	43	43	60	60	37	67	41	63(270)
111.5	6.4	62	62	41	41	69	54	48	37(24)	69	35	65	38
		68	34	66	40(96)	42	42	62	62	34	68	40	66(263)
118.1	6.0	64	64	40	40	72	53	49	34(29)	72	32	67	36
		69	30	69	39(101)	40	40	63	63	30	69	39	69(258)
124.7	5.7	66	66	37	37	77	50	50	30(34)	75	28	69	34
		71	26	73	38(105)	38	38	65	65	25	71	38	73(254)
131.2	5.3	67	67	36	36	80	49	50	27(36)	78	26	71	32
		72	22	75	37(107)	36	36	67	67	22	72	37	75(252)

HA= 84.0 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.7 7.0 7.0

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 96.5 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-90-90 % LK = 28

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		6(...)		
	A	B	C	D	A	B	C	D	

	4(...)				5(180)				6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D			
65.6	11.7	53	53	53	53	53	54	53	53	53(59)	53	54	52	53	
		53	54	52	53(127)	54	54	53	53	54	53	53	52(232)		
72.2	11.2	56	56	51	51	58	51	54	49	59(59)	57	50	56	50	
		55	49	56	52(128)	51	51	55	55	49	55	52	56(232)		
78.7	10.4	57	57	49	49	61	50	55	46	59(59)	60	47	58	48	
		56	46	59	51(128)	49	49	56	56	46	56	51	59(232)		
85.3	9.9	59	59	46	46	65	47	56	43	59(59)	63	43	60	45	
		63	43	60	45(90)	47	47	59	59	43	63	45	60(270)		
91.9	9.3	61	61	44	44	63	58	47	43	11(11)	66	39	63	42	
		66	39	63	42(90)	45	45	60	60	39	66	42	63(270)		
98.4	8.6	62	62	43	43	67	56	48	39	21(21)	69	37	65	40	
		68	36	65	40(93)	43	43	62	62	36	68	41	65(266)		
105.0	8.2	64	64	41	41	72	54	49	35	28(28)	72	33	67	37	
		70	32	69	40(100)	41	41	64	64	31	69	40	69(259)		
111.5	7.7	66	66	39	39	76	51	50	32	33(33)	75	30	69	35	
		71	27	72	39(104)	39	39	65	65	27	71	39	72(255)		
118.1	7.3	67	67	37	37	79	50	51	28	36(36)	78	27	71	33	
		72	24	75	38(107)	37	37	67	67	24	72	38	75(252)		
124.7	7.1	69	69	35	35	84	47	52	24	39(39)	81	23	74	30	
		74	19	78	37(109)	35	35	69	69	19	74	37	78(250)		
131.2	6.6	71	71	33	33	87	45	53	22	41(41)	84	20	76	28	
		75	16	81	36(111)	33	33	71	71	16	75	36	81(248)		
137.8	6.4	73	73	31	31	91	45	53	18	40(40)	87	17	78	25	
		76	11	85	35(113)	31	31	73	73	11	76	36	85(246)		
144.4	6.0	74	74	29	29	94	44	54	16	41(41)	90	14	80	23	
		80	9	86	32(109)	29	29	74	74	9	80	32	86(250)		

HA= 96.5 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.7 7.4 8.0 8.0

Main boom and fixed jib (jib angle 40.0 degrees)
Length of main boom = 100.4 ft Length of jib = 82.0 ft
Main boom sequence = 0-0-0-0-100-100 % LK = 29
Counterweight = 68.6 kip

	Radius Cap.		Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	[ft]	[kip]	1(0)	2(...)			3(90)								
	4(...)				5(180)				6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D			
65.6	10.6	52	52	54	54	50	55	52	55	59(59)	51	56	51	55	
		52	56	50	53(128)	55	55	51	51	56	52	53	50(232)		
72.2	9.9	54	54	52	52	54	53	53	52	59(59)	54	52	53	52	
		53	52	53	52(127)	53	53	53	53	52	53	52	53(232)		
78.7	9.3	55	55	50	50	58	51	54	49	59(59)	57	49	55	49	
		55	48	56	51(128)	50	50	55	55	48	55	51	56(232)		
85.3	8.6	57	57	48	48	61	49	55	45	59(59)	60	46	58	47	
		56	45	59	50(128)	49	49	56	56	45	56	50	59(232)		
91.9	8.2	59	59	46	46	65	47	56	42	59(59)	63	42	60	44	
		63	42	60	44(90)	47	47	58	58	42	63	44	60(270)		
98.4	7.5	60	60	44	44	62	58	46	43	9(9)	65	39	62	42	
		65	39	62	42(90)	45	45	60	60	39	65	42	62(270)		
105.0	7.1	62	62	42	42	67	56	47	39	20(20)	68	36	64	40	
		68	36	64	40(93)	43	43	61	61	36	67	41	65(266)		

111.5	6.8	64	64	40	40	71	53	49	35(28)	72	33	67	37
		69	31	68	39(100)	41	41	63	63	31	69	39	69(259)
118.1	6.4	65	65	39	39	75	51	49	32(32)	74	30	69	35
		71	27	71	38(103)	39	39	65	65	27	70	39	71(256)
124.7	6.0	67	67	37	37	78	50	50	29(35)	77	27	71	33
		72	24	74	37(106)	37	37	66	66	24	71	38	74(253)
131.2	5.7	69	69	35	35	82	48	52	25(38)	80	24	73	30
		73	20	77	37(109)	35	35	68	68	20	73	37	77(250)
137.8	5.3	70	70	33	33	85	46	52	22(40)	82	21	75	28
		74	17	80	36(110)	34	34	70	70	17	74	36	80(249)
144.4	5.1	72	72	31	31	89	46	52	20(39)	86	18	77	26
		75	13	83	35(112)	32	32	71	71	13	75	35	83(247)

HA=100.4 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.2 7.0 7.7 7.7

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 110.2 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-45-90-90 % LK = 36

Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
72.2	11.2	56	56	50	50	59	51	54	49(59)	58	49	56	49
		55	48	57	52(128)	51	51	56	56	48	55	52	57(232)
78.7	10.6	58	58	48	48	63	49	56	45(59)	61	45	59	47
		57	44	60	51(128)	49	49	58	58	44	57	51	60(232)
85.3	10.1	60	60	45	45	61	60	46	45(3)	65	41	62	43
		65	41	62	43(90)	46	46	60	60	41	65	43	62(270)
91.9	9.5	62	62	43	43	66	57	47	40(18)	68	38	64	41
		68	38	64	41(91)	44	44	62	62	37	68	41	64(268)
98.4	9.0	64	64	41	41	71	54	49	36(27)	71	34	67	38
		69	33	68	40(99)	42	42	63	63	32	69	40	68(260)
105.0	8.4	65	65	39	39	75	52	50	33(31)	74	31	69	36
		71	29	71	39(102)	40	40	65	65	29	71	39	71(257)
111.5	8.2	68	68	37	37	80	50	51	29(36)	78	27	71	33
		72	24	75	38(107)	37	37	67	67	24	72	38	75(252)
118.1	7.7	69	69	35	35	83	48	52	25(38)	81	24	74	30
		74	20	78	37(109)	35	35	69	69	20	73	37	78(250)
124.7	7.3	71	71	33	33	87	47	53	22(40)	84	21	76	28
		75	16	81	36(111)	34	34	71	71	16	75	37	81(248)
131.2	7.1	73	73	31	31	91	46	53	19(40)	87	17	79	25
		76	12	85	35(113)	31	31	73	73	12	76	36	85(246)
137.8	6.6	75	75	29	29	94	44	54	16(41)	90	14	80	23
		80	9	86	32(109)	30	30	74	74	9	80	32	86(250)
144.4	6.4	77	77	27	27	98	43	54	12(42)	93	11	83	20
		82	5	90	30(110)	27	27	76	76	5	82	31	90(249)
150.9	5.7	77	77	26	26	100	41	55	11(43)	95	9	84	19
		83	3	91	30(111)	26	26	77	77	2	82	31	91(248)

HA=110.2 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.6 8.5 8.5

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 114.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)				3(90)							
		4(...)				5(180)				6(...)							
A	B	C	D	A	B	C	D	A	B	C	D						
72.2	10.1	54	54	51	51	56	52	53	50(59)	55	51	54	51				
		54	51	55	52(127)	52	52	54	54	51	54	52	55(232)				
78.7	9.5	56	56	49	49	59	50	54	47(59)	58	47	57	48				
		55	47	58	51(128)	50	50	56	56	47	55	51	58(232)				
85.3	8.8	58	58	47	47	63	48	55	44(59)	61	44	59	46				
		56	43	61	50(128)	48	48	57	57	43	56	50	61(232)				
91.9	8.4	60	60	45	45	61	59	46	44(4)	65	41	61	43				
		65	41	61	43(90)	45	45	59	59	41	65	43	61(270)				
98.4	7.7	61	61	43	43	65	56	47	40(17)	67	38	63	41				
		67	38	63	41(90)	44	44	61	61	37	67	41	63(269)				
105.0	7.3	63	63	41	41	69	54	48	37(25)	70	34	65	38				
		69	33	67	40(97)	42	42	63	63	33	69	40	67(262)				
111.5	7.1	65	65	39	39	74	52	49	32(31)	74	31	68	35				
		70	28	71	39(103)	39	39	65	65	28	70	39	71(256)				
118.1	6.6	67	67	37	37	78	50	50	29(35)	77	28	70	33				
		72	25	74	38(106)	37	37	66	66	24	71	38	74(253)				
124.7	6.2	68	68	35	35	81	49	51	26(37)	79	25	72	31				
		73	21	76	37(108)	36	36	68	68	21	72	37	77(251)				
131.2	6.0	70	70	33	33	86	46	53	23(40)	82	21	75	28				
		75	17	80	36(110)	34	34	70	70	17	74	36	80(249)				
137.8	5.7	72	72	31	31	89	46	52	20(39)	86	18	77	26				
		76	13	83	35(112)	32	32	72	72	13	75	36	83(247)				
144.4	5.3	73	73	30	30	92	45	53	17(40)	88	15	79	24				
		77	10	86	34(113)	30	30	73	73	10	76	35	86(246)				
150.9	5.1	75	75	28	28	96	43	54	14(42)	91	12	82	21				
		81	6	88	31(110)	28	28	75	75	6	80	32	88(249)				
157.5	4.9	77	77	26	26	99	41	55	10(43)	95	9	84	19				
		82	2	91	30(111)	26	26	77	77	2	82	31	91(248)				

HA=114.5 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.5 8.5

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)				3(90)							
		4(...)				5(180)				6(...)							
A	B	C	D	A	B	C	D	A	B	C	D						
72.2	11.0	56	56	50	50	59	51	54	48(59)	58	49	56	49				
		55	48	57	52(128)	50	50	56	56	48	55	52	57(232)				
78.7	10.6	59	59	47	47	64	48	56	44(59)	62	44	60	46				
		57	43	61	50(128)	48	48	58	58	43	57	50	61(232)				
85.3	10.1	61	61	45	45	63	59	47	43(9)	66	40	62	43				
		66	40	62	43(90)	45	45	60	60	40	66	43	62(270)				

91.9	9.5	63	63	43	43	68	56	48	39(21)	69	37	65	40
		69	36	65	41(93)	43	43	62	62	36	68	41	65(266)
98.4	9.0	65	65	41	41	73	54	49	35(29)	73	33	67	37
		70	31	69	39(100)	41	41	64	64	31	70	40	69(259)
105.0	8.6	67	67	38	38	77	51	51	31(34)	76	29	70	34
		72	27	73	39(105)	39	39	66	66	26	71	39	73(254)
111.5	8.2	68	68	36	36	81	49	52	27(37)	79	26	72	32
		73	22	76	38(108)	37	37	68	68	22	73	38	77(251)
118.1	7.9	71	71	34	34	86	47	53	23(40)	83	22	75	29
		75	18	80	36(110)	34	34	70	70	17	75	37	80(249)
124.7	7.5	72	72	32	32	90	45	54	20(42)	86	19	78	26
		76	14	83	36(112)	32	32	72	72	14	75	36	83(247)
131.2	7.3	75	75	30	30	94	45	54	16(41)	90	15	80	23
		78	9	87	34(113)	30	30	74	74	9	77	35	87(246)
137.8	6.8	76	76	28	28	97	43	54	13(42)	92	12	82	21
		82	6	89	31(110)	28	28	76	76	6	81	32	89(249)
144.4	6.2	77	77	27	27	99	43	54	12(42)	94	10	84	20
		83	4	90	30(110)	27	27	77	77	4	82	31	90(249)
150.9	5.3	77	77	26	26	99	42	54	11(42)	94	9	84	19
		83	3	90	30(110)	26	26	77	77	3	82	30	91(249)
157.5	4.6	77	77	25	25	100	41	55	10(43)	95	8	84	18
		83	2	92	30(111)	26	26	77	77	1	82	30	92(248)
164.0	3.7	77	77	25	25	100	41	55	10(43)	95	8	84	18
		83	1	91	30(111)	25	25	77	77	1	82	30	91(248)

 HA=124.3 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.6 8.5 8.5

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 130.9 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-100-100-100 % LK = 46

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)								
	4(...)	5(180)	6(...)										
A B C D	A B C D	A B C D											
78.7	9.5	57	57	49	49	60	49	55	46(59)	59	47	57	48
		56	46	59	51(128)	49	49	56	56	46	56	51	59(232)
85.3	8.8	58	58	47	47	64	47	56	43(59)	62	43	60	45
		62	43	60	45(90)	47	47	58	58	43	62	45	60(270)
91.9	8.4	61	61	44	44	63	58	46	43(10)	66	39	62	42
		66	39	62	42(90)	45	45	60	60	39	66	42	62(270)
98.4	7.9	62	62	42	42	68	56	48	38(22)	69	36	65	39
		68	35	66	40(95)	43	43	62	62	35	68	41	66(264)
105.0	7.5	64	64	40	40	73	53	49	34(29)	72	32	67	37
		70	31	69	39(100)	41	41	64	64	31	70	39	69(259)
111.5	7.1	66	66	38	38	76	51	50	31(33)	75	29	69	34
		71	27	72	38(104)	39	39	66	66	26	71	38	72(255)
118.1	6.8	68	68	36	36	81	49	51	27(37)	79	25	72	31
		73	22	76	37(108)	36	36	68	68	22	72	38	76(251)
124.7	6.4	70	70	34	34	84	47	52	24(39)	82	22	74	29
		74	18	79	37(110)	34	34	69	69	18	73	37	79(249)
131.2	6.2	72	72	32	32	89	45	53	20(41)	85	19	77	26
		75	14	82	36(112)	32	32	71	71	14	75	36	83(247)

137.8 6.0 74 74 30 30 92 45 53 17(40) 89 15 80 24
 77 10 86 34(113) 30 30 73 73 9 77 35 86(246)
 144.4 5.7 76 76 28 28 97 43 54 13(42) 92 12 82 21
 81 6 88 31(110) 28 28 75 75 6 81 32 89(249)
 150.9 5.3 77 77 26 26 99 41 55 11(43) 94 9 84 19
 82 3 91 30(111) 26 26 77 77 3 82 31 91(248)
 157.5 4.6 78 78 25 25 100 41 55 10(43) 95 8 85 18
 83 2 92 30(111) 26 26 77 77 1 82 30 92(248)
 164.0 3.7 77 77 25 25 100 41 55 9(43) 95 8 84 18
 83 1 91 30(111) 25 25 77 77 1 82 30 91(248)

 HA=130.9 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.6 8.5 8.5

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)							
	3(90)				4(...)							
	A	B	C	D	A	B	C	D	A	B	C	D
78.7 10.6	59	59	47	47	65	48	56	43(59)	63	43	60	45
	63	43	60	45(90)	47	47	59	59	43	63	45	60(270)
85.3 10.1	62	62	44	44	65	58	47	41(15)	67	39	63	42
	67	39	63	42(90)	45	45	61	61	39	67	42	63(270)
91.9 9.7	64	64	41	41	71	55	49	37(26)	71	35	66	39
	70	33	68	40(98)	42	42	63	63	33	69	40	68(261)
98.4 9.3	66	66	39	39	76	52	50	32(32)	75	31	69	35
	72	28	72	39(103)	40	40	65	65	28	71	39	72(256)
105.0 8.8	68	68	37	37	80	50	51	28(36)	79	27	72	33
	73	24	76	38(107)	37	37	68	68	23	73	38	76(252)
111.5 8.4	70	70	35	35	85	48	53	24(39)	82	23	75	30
	74	19	79	37(110)	35	35	70	70	19	74	37	79(249)
118.1 8.2	73	73	32	32	90	45	54	20(42)	86	19	78	26
	76	14	83	36(112)	33	33	72	72	14	76	36	84(247)
124.7 7.7	74	74	30	30	93	46	53	17(40)	89	16	80	24
	78	10	86	35(113)	31	31	74	74	10	77	35	87(246)
131.2 7.5	77	77	28	28	98	43	55	13(42)	93	12	83	21
	82	6	90	31(110)	28	28	76	76	6	82	32	90(249)
137.8 6.6	77	77	27	27	99	43	55	12(42)	94	10	84	20
	83	4	90	30(110)	27	27	77	77	4	82	31	91(249)
144.4 5.7	77	77	26	26	100	41	55	11(43)	95	9	84	19
	83	3	91	30(111)	26	26	77	77	3	82	31	91(248)
150.9 4.9	77	77	26	26	100	41	55	10(43)	95	8	84	19
	83	2	91	30(111)	26	26	77	77	2	82	30	91(248)
157.5 4.0	77	77	25	25	100	41	55	10(43)	95	8	84	18
	83	2	91	30(111)	26	26	77	77	2	82	30	91(248)
164.0 3.3	78	78	25	25	101	40	55	9(43)	95	7	85	17
	83	0	92	29(111)	25	25	77	77	0	82	30	92(248)

 HA=138.1 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.5 8.6

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 145.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		A	B	C	D	A	B	C	D	A	B	C	D		
78.7	9.5	58	58	48	48	62	49	55	45	45(59)	61	45	58	47	
		56	44	60	51	49	49	57	57		44	56	51	60	(232)
85.3	8.8	59	59	46	46	66	47	56	42	42(59)	64	42	61	44	
		64	42	61	44	46	46	59	59		42	64	44	61	(270)
91.9	8.4	62	62	43	43	65	57	47	41	41(17)	67	38	63	41	
		67	38	63	41	44	44	61	61		38	67	41	64	(269)
98.4	7.9	63	63	41	41	70	54	49	36	36(26)	71	34	66	38	
		69	33	67	40	42	42	63	63		33	69	40	68	(261)
105.0	7.7	66	66	39	39	76	51	50	32	32(33)	75	30	69	35	
		71	27	72	39	39	39	65	65		27	71	39	72	(255)
111.5	7.3	68	68	37	37	80	50	51	28	28(36)	78	26	72	32	
		73	23	75	38	37	37	67	67		23	72	38	75	(252)
118.1	7.1	70	70	34	34	85	47	52	24	24(39)	82	22	75	29	
		74	18	79	37	35	35	70	70		18	74	37	79	(249)
124.7	6.6	72	72	32	32	88	45	53	21	21(41)	85	19	77	27	
		76	15	82	35	33	33	71	71		15	75	36	82	(248)
131.2	6.4	74	74	30	30	92	45	53	17	17(40)	89	16	80	24	
		77	10	86	35	30	30	73	73		10	77	35	86	(246)
137.8	6.2	76	76	28	28	97	43	54	13	13(42)	92	12	82	21	
		82	6	89	31	28	28	76	76		6	81	32	89	(249)
144.4	5.7	77	77	26	26	100	41	55	11	11(43)	95	9	84	19	
		83	3	91	30	26	26	77	77		3	82	31	91	(248)
150.9	4.9	77	77	26	26	100	41	55	10	10(43)	95	8	84	18	
		83	2	91	30	26	26	77	77		2	82	30	92	(248)
157.5	4.0	77	77	25	25	100	41	55	10	10(43)	95	8	84	18	
		83	2	91	30	26	26	77	77		1	82	30	91	(248)
164.0	3.3	78	78	25	25	101	40	55	9	9(43)	95	7	85	17	
		83	0	92	29	25	25	77	77		0	82	30	92	(248)

HA=145.0 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.6 8.6

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		A	B	C	D	A	B	C	D	A	B	C	D		
85.3	10.1	62	62	43	43	67	57	48	40	40(20)	69	37	65	41	
		69	37	65	41	44	44	62	62		37	68	41	65	(267)
91.9	9.7	65	65	41	41	73	54	49	35	35(29)	73	33	68	37	
		71	32	69	40	41	41	64	64		31	70	40	69	(259)
98.4	9.3	67	67	38	38	78	51	51	30	30(34)	77	29	71	34	
		72	26	74	39	39	39	67	67		26	72	39	74	(254)

105.0	8.8	69	69	36	36	83	49	52	26(38)	80	25	73	31
		74	21	77	37(108)	36	36	69	69	21	74	38	78(251)
111.5	8.6	72	72	33	33	88	46	54	22(41)	85	21	77	28
		76	16	82	36(111)	34	34	71	71	16	75	37	82(248)
118.1	8.2	74	74	31	31	92	46	53	19(40)	88	17	79	25
		77	12	85	35(113)	32	32	73	73	11	77	36	86(246)
124.7	7.9	76	76	28	28	97	43	55	14(42)	92	13	82	22
		82	7	89	32(110)	29	29	76	76	7	81	32	89(249)
131.2	7.1	77	77	27	27	98	43	55	13(42)	93	11	83	21
		83	5	90	31(110)	28	28	77	77	5	82	31	90(249)
137.8	6.2	77	77	26	26	99	41	55	11(43)	95	9	84	19
		83	3	91	31(111)	27	27	77	77	3	82	31	91(248)
144.4	5.3	78	78	26	26	100	41	55	10(43)	95	8	84	19
		83	2	91	30(111)	26	26	77	77	2	82	31	92(248)
150.9	4.4	78	78	25	25	101	41	55	9(43)	95	8	85	18
		83	1	92	30(111)	25	25	77	77	1	82	30	92(248)
157.5	3.5	77	77	25	25	100	40	55	9(43)	95	7	85	18
		83	1	92	29(111)	25	25	77	77	1	82	30	92(248)
164.0	2.6	77	77	25	25	100	40	55	9(43)	95	7	84	17
		83	1	91	29(111)	25	25	77	77	1	82	30	92(248)

HA=152.2 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.7 8.5 8.5

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 161.4 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-100-100-100-100 % LK = 63

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
85.3	8.8	60	60	45	45	62	59	46	44(7)	65	40	62	43
		65	40	62	43(90)	45	45	60	60	40	65	43	62(270)
91.9	8.4	62	62	42	42	68	56	48	38(22)	69	36	65	40
		68	36	65	40(94)	43	43	62	62	35	68	41	65(265)
98.4	8.2	65	65	40	40	74	53	49	34(30)	73	32	68	36
		70	30	70	39(102)	40	40	65	65	30	70	39	70(257)
105.0	7.7	67	67	37	37	78	50	51	30(35)	77	28	71	34
		72	25	74	38(106)	38	38	67	67	25	72	39	74(253)
111.5	7.3	69	69	35	35	83	48	52	26(38)	80	24	73	31
		73	21	77	37(109)	36	36	69	69	21	73	38	78(250)
118.1	7.1	71	71	33	33	88	46	54	22(41)	84	20	76	28
		75	16	82	36(111)	33	33	71	71	15	75	36	82(248)
124.7	6.8	74	74	30	30	92	45	53	18(40)	88	16	79	24
		77	11	86	35(113)	31	31	73	73	11	77	35	86(246)
131.2	6.4	75	75	28	28	95	44	54	15(41)	91	13	82	22
		81	7	88	31(109)	29	29	75	75	7	81	32	88(250)
137.8	6.2	78	78	26	26	100	41	55	11(43)	95	9	84	19
		83	3	91	30(111)	26	26	77	77	3	82	31	91(248)
144.4	5.3	78	78	26	26	101	41	55	10(43)	95	8	85	18
		83	2	92	30(111)	26	26	78	78	2	82	30	92(248)
150.9	4.2	77	77	26	26	100	41	55	10(43)	95	8	84	18
		83	2	91	30(111)	26	26	77	77	2	82	30	91(248)

157.5 3.3 77 77 25 25 100 41 55 10(43) 95 8 84 18
 82 2 91 30(111) 25 25 77 77 1 82 30 91(248)
 164.0 2.6 77 77 25 25 101 40 55 9(43) 95 7 85 17
 83 0 92 29(111) 25 25 77 77 0 82 30 92(248)

 HA=161.4 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.7 8.5 8.6

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.											
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)										
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D							
85.3	10.1	63	63	42	42	70	56	49	38(24)	71	36	66	39	69	35	67	41(96)	43	43	63	63	35	69	41	67(263)
91.9	9.7	66	66	39	39	76	52	50	33(32)	75	31	69	36	71	29	72	39(103)	40	40	65	65	29	71	39	72(256)
98.4	9.5	69	69	37	37	82	50	52	28(37)	80	26	73	32	73	23	77	38(108)	37	37	68	68	23	73	38	77(251)
105.0	9.0	71	71	34	34	87	47	53	23(40)	84	22	76	29	75	18	80	37(110)	35	35	71	71	18	75	37	81(249)
111.5	8.6	73	73	32	32	91	45	55	19(42)	87	18	78	26	77	13	84	35(112)	32	32	73	73	13	77	36	84(247)
118.1	8.4	76	76	29	29	96	45	54	15(41)	92	14	82	22	82	8	88	32(109)	29	29	75	75	8	81	32	88(250)
124.7	7.5	77	77	28	28	98	43	55	13(42)	93	11	83	21	83	6	90	31(110)	28	28	77	77	5	82	32	90(249)
131.2	6.4	77	77	27	27	99	43	55	12(42)	94	10	84	20	83	4	90	30(110)	27	27	77	77	4	82	31	90(249)
137.8	5.3	77	77	26	26	99	42	54	11(42)	94	10	84	19	83	4	90	30(110)	27	27	77	77	4	82	31	90(249)
144.4	4.4	77	77	26	26	99	41	55	10(43)	94	9	84	19	82	2	91	30(111)	26	26	77	77	2	82	31	91(248)
150.9	3.5	77	77	25	25	100	41	55	10(43)	95	8	84	18	83	2	91	30(111)	25	25	77	77	1	82	30	91(248)
157.5	2.6	77	77	25	25	100	40	55	9(43)	95	7	84	18	82	1	91	29(111)	25	25	77	77	1	82	30	91(248)

 HA=166.0 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.6 8.5 8.5

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 175.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.											
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)										
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D							
91.9	8.6	64	64	41	41	71	54	49	36(27)	72	34	67	38	70	32	68	40(99)	41	41	63	63	32	69	40	68(260)

98.4	8.2	66	66	39	39	77	52	50	31(33)	76	30	70	35
		72	27	72	39(104)	39	39	66	66	27	71	39	73(255)
105.0	7.7	68	68	36	36	81	49	52	27(37)	79	26	73	32
		73	22	76	38(108)	37	37	68	68	22	73	38	77(251)
111.5	7.5	71	71	34	34	87	47	53	22(40)	84	21	76	28
		75	17	81	37(111)	34	34	71	71	17	74	37	81(248)
118.1	7.1	73	73	31	31	90	46	53	19(40)	87	18	78	26
		77	12	84	35(112)	32	32	73	73	12	76	36	84(247)
124.7	6.8	75	75	29	29	95	44	54	15(41)	91	13	82	22
		82	8	87	31(109)	29	29	75	75	8	81	32	88(250)
131.2	6.2	77	77	27	27	98	43	54	13(42)	93	11	83	20
		82	5	90	31(110)	28	28	76	76	5	82	31	90(249)
137.8	5.1	77	77	27	27	98	42	54	12(42)	93	10	83	20
		82	4	90	30(110)	27	27	76	76	4	82	31	90(249)
144.4	4.2	77	77	26	26	99	42	54	11(42)	94	9	84	19
		83	3	90	30(110)	26	26	77	77	3	82	30	90(249)
150.9	3.3	77	77	26	26	99	41	55	10(43)	94	8	84	19
		82	2	91	30(111)	26	26	77	77	2	81	30	91(248)
157.5	2.4	77	77	25	25	99	40	54	10(43)	94	8	84	18
		82	2	91	30(111)	25	25	77	77	2	81	30	91(248)

HA=175.5 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.4 8.4

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 180.1 ft Length of jib = 82.0 ft

Main boom sequence = 0-90-90-90-90-90 % LK = 73

Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
91.9	9.7	67	67	39	39	78	52	51	31(34)	77	30	70	35
		72	27	73	39(105)	39	39	67	67	27	72	39	74(254)
98.4	9.3	69	69	36	36	83	49	52	26(38)	81	25	74	31
		74	21	78	38(109)	36	36	69	69	21	73	38	78(250)
105.0	9.0	72	72	33	33	89	46	54	21(41)	86	20	77	27
		77	15	83	36(111)	33	33	72	72	15	76	37	83(248)
111.5	8.6	75	75	30	30	93	45	54	17(41)	90	16	80	24
		78	10	87	35(113)	31	31	74	74	10	78	35	87(246)
118.1	7.7	76	76	29	29	96	44	54	15(41)	92	13	82	22
		82	8	88	32(109)	29	29	75	75	8	81	32	88(250)
124.7	6.6	76	76	28	28	97	43	54	13(42)	93	12	82	21
		82	6	89	31(110)	28	28	76	76	6	81	32	89(249)
131.2	5.3	76	76	28	28	97	43	54	13(42)	92	12	82	21
		81	6	88	31(110)	28	28	75	75	6	81	32	89(249)
137.8	4.4	76	76	27	27	97	42	54	12(42)	93	10	83	20
		82	4	89	30(110)	27	27	76	76	4	81	31	90(249)
144.4	3.3	76	76	26	26	97	42	54	12(42)	92	10	82	20
		82	4	89	30(110)	27	27	76	76	4	81	31	89(249)
150.9	2.4	76	76	26	26	97	41	54	11(42)	93	9	83	19
		82	3	89	30(110)	26	26	76	76	3	81	30	90(249)

HA=180.1 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.1 7.6 8.3 8.3

 Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 191.9 ft Length of jib = 82.0 ft
 Main boom sequence = 0-100-100-100-100-100 % LK = 74
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.						
	1(0)				2(...)					3(90)					
	4(...)				5(180)					6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D			
98.4	8.2	68	68	37	37	80	50	51	29	(36)	78	28	71	33	
		73	24	75	38(106)	38	38	67	67		24	72	38	75(253)	
105.0	7.7	70	70	35	35	84	48	52	25	(39)	82	23	74	30	
		75	19	79	37(109)	35	35	69	69		19	74	37	79(250)	
111.5	7.5	73	73	32	32	90	45	54	20	(42)	86	19	78	26	
		76	14	83	36(112)	32	32	72	72		14	76	36	84(247)	
118.1	7.1	75	75	30	30	94	45	54	16	(41)	90	15	80	23	
		78	9	87	34(113)	30	30	74	74		9	77	35	87(246)	
124.7	6.2	75	75	28	28	95	44	54	14	(41)	91	13	82	22	
		82	7	88	31(109)	29	29	75	75		7	81	32	88(250)	
131.2	5.1	76	76	28	28	96	43	54	13	(42)	92	12	82	21	
		81	6	88	31(110)	28	28	75	75		6	81	32	88(249)	
137.8	4.0	75	75	27	27	96	42	54	13	(42)	92	11	82	21	
		81	6	88	31(110)	28	28	75	75		5	80	31	88(249)	
144.4	3.1	76	76	27	27	97	42	54	12	(42)	92	10	82	20	
		81	4	89	30(110)	27	27	75	75		4	81	31	89(249)	

 HA=191.9 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.0 7.5 8.3 8.3

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 193.9 ft Length of jib = 82.0 ft
 Main boom sequence = 45-90-90-90-90-90 % LK = 76
 Counterweight = 68.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.						
	1(0)				2(...)					3(90)					
	4(...)				5(180)					6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D			
98.4	9.3	71	71	34	34	86	47	53	24	(40)	83	22	76	29	
		75	18	80	37(110)	35	35	71	71		18	75	37	80(249)	
105.0	9.0	74	74	31	31	92	46	54	19	(40)	88	17	79	25	
		77	12	86	36(113)	32	32	73	73		12	77	36	86(246)	
111.5	7.7	75	75	30	30	93	45	54	17	(41)	89	16	80	24	
		78	10	86	35(113)	31	31	74	74		10	77	35	87(246)	
118.1	6.4	75	75	29	29	94	44	54	16	(41)	90	14	80	23	
		80	9	86	32(109)	30	30	74	74		9	80	32	86(250)	
124.7	5.3	75	75	28	28	95	44	54	15	(41)	91	13	81	22	
		81	7	87	31(109)	29	29	75	75		7	80	32	87(250)	
131.2	4.2	75	75	28	28	95	43	54	14	(42)	91	12	81	21	
		81	6	88	31(110)	28	28	75	75		6	80	32	88(249)	
137.8	3.1	75	75	27	27	95	42	54	13	(42)	91	11	81	21	
		80	6	88	31(110)	28	28	75	75		6	80	31	88(249)	

 HA=193.9 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.9 7.5 8.2 8.2

 Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 205.7 ft Length of jib = 82.0 ft
 Main boom sequence = 45-100-100-100-100-100 % LK = 77
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)				3(90)								
		4(...)				5(180)				6(...)								
A	B	C	D	A	B	C	D	A	B	C	D							
105.0	7.7	71	71	33	33	88	46	54	22	(41)	84	21	76	28				
		75	16	82	36(111)	34	34	71	71	16	75	37	82(248)					
111.5	7.5	74	74	30	30	93	46	53	17	(40)	89	16	80	24				
		78	10	86	35(113)	31	31	74	74	10	77	35	86(246)					
118.1	6.0	74	74	30	30	92	45	53	17	(40)	89	15	80	24				
		77	10	86	35(113)	30	30	73	73	10	77	35	86(246)					
124.7	4.9	74	74	29	29	93	44	53	16	(41)	89	14	80	23				
		80	9	86	32(109)	29	29	74	74	9	79	32	86(250)					
131.2	3.7	74	74	28	28	94	43	53	15	(41)	90	13	80	22				
		80	8	86	31(109)	29	29	74	74	8	80	32	86(250)					
137.8	2.6	74	74	28	28	94	43	53	15	(41)	90	13	80	22				
		80	7	86	31(109)	28	28	74	74	7	79	31	86(250)					

 HA=205.7 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.7 7.4 8.0 8.0

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 208.0 ft Length of jib = 82.0 ft
 Main boom sequence = 90-90-90-90-90-90 % LK = 78
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)				3(90)								
		4(...)				5(180)				6(...)								
A	B	C	D	A	B	C	D	A	B	C	D							
105.0	7.9	73	73	32	32	90	47	53	20	(39)	87	18	78	26				
		77	13	84	35(112)	32	32	73	73	13	76	36	84(247)					
111.5	6.6	74	74	30	30	92	45	53	18	(40)	88	16	79	24				
		77	11	85	35(113)	31	31	73	73	11	76	35	86(246)					
118.1	5.3	74	74	30	30	92	45	53	17	(40)	89	15	80	24				
		77	9	86	34(113)	30	30	73	73	9	77	35	86(246)					
124.7	4.0	73	73	29	29	92	44	53	16	(41)	88	15	79	23				
		79	9	85	32(109)	30	30	73	73	9	79	32	85(250)					
131.2	2.9	74	74	29	29	93	43	53	15	(41)	89	13	80	22				
		79	8	86	31(109)	29	29	73	73	8	79	32	86(250)					

 HA=208.0 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.6 7.3 8.0 8.0

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 219.8 ft Length of jib = 82.0 ft
 Main boom sequence = 90-100-100-100-100-100 % LK = 80
 Counterweight = 68.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		4(...)				5(180)				6(...)					
A	B	C	D	A	B	C	D	A	B	C	D				

	4(...)				5(180)				6(...)			
	A	B	C	D	A	B	C	D	A	B	C	D
105.0	7.7	73	73	32 32	91	45	54	20(42)	87	18	78	26
	77	13	84	35(112)	32	32	73	73	13	76	36	84(247)
111.5	6.2	73	73	31 31	90	46	53	19(40)	87	17	78	25
	77	12	84	35(112)	32	32	72	72	12	76	35	84(247)
118.1	4.9	73	73	30 30	91	45	53	18(40)	87	16	78	24
	76	11	85	35(113)	31	31	73	73	11	76	35	85(246)
124.7	3.7	73	73	30 30	91	45	52	17(40)	88	15	79	23
	77	9	85	34(113)	30	30	73	73	9	76	35	86(246)
131.2	2.6	73	73	29 29	92	43	53	16(41)	88	14	79	23
	79	9	85	32(109)	29	29	73	73	9	78	32	85(250)

 HA=219.8 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.6 7.3 7.9 7.9

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

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Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137612_tab.txt

H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +/-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer KS

Outrigger width	=	18.7 ft	Outrigger length	=	27.7 ft
Outrigger "A"	X =	12.0 ft	Outrigger "A"	Y =	9.4 ft
Outrigger "B"	X =	12.0 ft	Outrigger "B"	Y =	-9.4 ft
Outrigger "C"	X =	-15.7 ft	Outrigger "C"	Y =	9.4 ft
Outrigger "D"	X =	-15.7 ft	Outrigger "D"	Y =	-9.4 ft

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 40.7 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-0-0 % LK = 1

Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)	2(...)	3(90)		3(90)							
	4(...)				5(180)				6(...)			
	A	B	C	D	A	B	C	D	A	B	C	D
16.4	27.1	46	46	62 62	37	62	48	67(59)	39	69	42	65
	48	71	39	57(128)	63	63	45	45	71	48	57	39(232)
19.7	26.5	47	47	60 60	41	60	49	64(59)	43	65	45	62
	49	67	42	56(128)	61	61	47	47	67	49	56	42(232)
23.0	25.1	49	49	58 58	44	58	50	61(59)	45	62	47	59
	50	63	45	55(128)	59	59	48	48	63	50	55	45(232)
26.2	24.0	50	50	56 56	47	56	51	58(59)	48	59	49	57
	51	60	47	54(128)	57	57	49	49	60	51	54	47(232)
29.5	22.7	51	51	54 54	49	55	51	56(59)	50	56	50	55
	52	57	49	53(128)	55	55	51	51	57	52	53	49(232)

32.8	21.6	52	52	53	53	52	53	52	53(59)	52	54	52	53
		52	54	52	52(127)	53	53	52	52	54	52	52	52(232)
39.4	19.4	54	54	50	50	56	50	53	49(59)	55	49	54	49
		54	48	55	51(128)	50	50	54	54	48	54	51	55(232)
45.9	17.2	55	55	47	47	59	48	54	45(59)	58	45	56	46
		54	44	58	50(128)	48	48	55	55	44	54	50	58(232)
52.5	15.9	57	57	45	45	63	45	54	41(59)	61	41	59	43
		61	41	59	43(90)	45	45	57	57	41	61	43	59(270)
59.1	14.3	58	58	43	43	60	56	45	42(9)	63	38	60	41
		63	38	60	41(90)	43	43	58	58	38	63	41	60(270)
65.6	12.8	59	59	41	41	63	54	45	38(17)	65	35	62	39
		65	35	62	39(90)	41	41	59	59	35	65	39	62(269)
72.2	11.9	61	61	39	39	67	52	46	35(25)	68	32	64	36
		66	31	65	38(97)	39	39	61	61	31	66	38	65(262)
78.7	11.0	62	62	38	38	71	50	47	32(30)	70	29	66	34
		67	27	68	37(101)	37	37	62	62	27	67	37	68(258)
85.3	10.4	63	63	36	36	74	48	48	28(34)	73	26	68	32
		69	23	71	36(105)	36	36	64	64	23	68	37	71(254)
91.9	9.5	64	64	35	35	76	47	49	26(36)	75	24	69	30
		69	21	72	35(106)	34	34	65	65	21	69	35	72(253)
98.4	9.0	66	66	33	33	80	45	49	23(38)	77	21	71	28
		70	17	75	35(109)	32	32	66	66	17	70	35	75(250)
105.0	8.6	67	67	31	31	83	43	50	20(40)	80	18	73	26
		72	14	78	34(110)	31	31	68	68	14	71	34	78(249)

 HA= 40.7 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.2 7.2

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 54.5 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-0-45 % LK = 7

Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B C D	A B C D	A B C D	A B C D	A B C D							
19.7	25.1	47	47	60	60	40	60	49	65(59)	42	66	44	62
		49	68	41	56(128)	61	61	46	46	68	49	56	41(232)
23.0	24.7	49	49	58	58	44	58	50	61(59)	45	62	46	60
		50	63	45	55(128)	59	59	48	48	63	50	55	45(232)
26.2	23.6	50	50	56	56	47	56	51	58(59)	47	59	48	57
		51	60	47	54(128)	57	57	49	49	60	51	54	47(232)
29.5	22.7	51	51	54	54	49	55	51	55(59)	50	56	50	55
		52	57	50	53(128)	55	55	51	51	57	52	53	50(232)
32.8	21.8	52	52	53	53	52	53	52	53(59)	52	53	52	53
		52	53	52	52(127)	53	53	52	52	53	53	52	52(232)
39.4	19.8	54	54	50	50	57	50	53	48(59)	56	48	55	49
		54	48	56	51(128)	50	50	54	54	48	54	51	56(232)
45.9	18.1	56	56	47	47	61	47	54	44(59)	60	44	57	46
		55	43	59	50(128)	47	47	56	56	43	55	50	59(232)
52.5	16.3	58	58	45	45	64	45	55	41(59)	62	40	59	43
		62	40	59	43(90)	45	45	58	58	40	62	43	59(270)
59.1	15.2	60	60	42	42	63	55	46	39(16)	65	36	62	40
		65	36	62	40(90)	42	42	60	60	36	65	40	62(270)

65.6	13.9	61	61	40	40	67	53	47	36(24)	68	33	64	37
		67	32	65	39(96)	40	40	61	61	32	66	39	65(263)
72.2	12.8	62	62	38	38	70	51	47	33(29)	70	30	65	35
		68	28	67	38(101)	38	38	62	62	28	67	38	68(258)
78.7	11.7	63	63	37	37	73	49	48	30(32)	72	28	67	33
		69	25	70	37(103)	37	37	63	63	25	68	37	70(256)
85.3	11.0	65	65	35	35	77	47	49	26(36)	75	24	69	31
		70	21	73	36(106)	35	35	65	65	21	69	36	73(253)
91.9	10.1	66	66	34	34	79	46	49	24(37)	77	22	71	29
		70	19	75	35(108)	33	33	66	66	18	70	35	75(251)
98.4	9.3	66	66	32	32	81	44	50	22(39)	78	20	72	28
		71	16	76	34(109)	32	32	67	67	16	71	35	76(250)
105.0	8.8	68	68	31	31	84	43	51	19(41)	81	17	74	25
		72	13	79	34(111)	30	30	68	68	13	71	34	79(248)
111.5	8.2	69	69	29	29	85	43	50	18(39)	82	15	75	24
		73	10	80	33(112)	29	29	69	69	10	72	34	80(247)
118.1	7.7	70	70	28	28	88	42	50	15(40)	84	13	77	22
		76	8	82	30(108)	28	28	71	71	8	76	30	82(251)

HA= 54.5 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.2 7.0 7.6 7.6

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 68.6 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-0-90 % LK = 13

Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
23.0	22.9	47	47	58	58	42	58	49	62(59)	43	63	45	60
		49	64	43	55(128)	59	59	47	47	64	49	55	43(232)
26.2	22.5	49	49	56	56	45	57	50	59(59)	46	60	47	58
		50	61	46	54(128)	57	57	49	49	61	50	54	46(232)
29.5	21.8	50	50	55	55	48	55	51	56(59)	49	57	49	55
		51	57	49	53(128)	55	55	50	50	57	51	53	49(232)
32.8	21.2	52	52	53	53	51	53	52	53(59)	52	54	51	53
		52	54	51	52(127)	53	53	52	52	54	52	52	51(232)
39.4	19.4	54	54	50	50	56	50	53	49(59)	56	49	54	49
		54	48	55	51(128)	50	50	54	54	48	54	51	55(232)
45.9	17.6	56	56	47	47	60	48	54	45(59)	59	44	57	46
		55	43	58	50(128)	47	47	56	56	43	55	50	58(232)
52.5	15.9	57	57	45	45	63	45	55	41(59)	61	41	59	43
		61	41	59	43(90)	45	45	57	57	41	61	43	59(270)
59.1	14.1	58	58	43	43	60	56	44	42(7)	63	38	60	41
		63	38	60	41(90)	43	43	58	58	38	63	41	60(270)
65.6	13.0	60	60	41	41	64	54	46	37(20)	66	35	62	38
		66	34	63	39(92)	41	41	60	60	34	65	39	63(267)
72.2	11.9	61	61	39	39	68	52	47	34(26)	68	32	64	36
		67	30	65	38(98)	39	39	61	61	30	66	38	65(261)
78.7	10.6	61	61	38	38	69	50	47	32(29)	69	30	65	35
		67	28	67	37(100)	38	38	62	62	28	67	37	67(259)
85.3	9.5	62	62	37	37	71	49	47	30(31)	71	28	66	33
		67	26	68	36(102)	37	37	62	62	26	67	37	68(257)

91.9	8.8	63	63	35	35	74	48	48	28(34)	73	25	68	31
		68	22	71	36(105)	35	35	64	64	22	68	36	71(254)
98.4	8.4	65	65	34	34	78	46	49	24(37)	75	22	70	29
		69	19	73	35(108)	33	33	65	65	19	69	35	74(251)
105.0	7.7	66	66	32	32	80	45	49	22(38)	77	20	71	28
		70	16	75	34(109)	32	32	66	66	16	70	35	75(250)
111.5	7.1	66	66	31	31	81	44	50	21(39)	78	19	72	26
		71	14	77	34(110)	31	31	67	67	14	70	34	77(249)
118.1	6.6	67	67	30	30	83	44	49	19(38)	80	16	73	24
		72	12	79	33(111)	29	29	68	68	11	71	34	79(248)
124.7	6.2	69	69	29	29	86	43	49	17(39)	82	14	75	23
		75	10	80	30(107)	28	28	69	69	10	74	30	80(252)
131.2	5.7	69	69	28	28	87	41	50	15(40)	84	13	76	22
		76	8	81	30(108)	27	27	70	70	7	75	30	81(251)

HA= 68.6 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.1 7.0 7.5 7.6

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 70.2 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-0-100 % LK = 14

Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
23.0	22.7	47	47	58	58	41	59	49	62(59)	43	63	45	60
		49	65	43	55(128)	59	59	47	47	65	49	55	43(232)
26.2	22.3	49	49	56	56	45	57	50	59(59)	46	60	47	58
		50	61	46	54(128)	57	57	48	48	61	50	54	46(232)
29.5	21.6	50	50	55	55	48	55	51	56(59)	49	57	49	55
		51	57	48	53(128)	55	55	50	50	57	51	53	48(232)
32.8	20.3	51	51	53	53	50	54	51	54(59)	50	54	50	54
		52	55	50	52(127)	54	54	51	51	55	52	52	50(232)
39.4	18.1	53	53	50	50	54	51	52	50(59)	54	50	53	50
		52	50	53	51(127)	51	51	52	52	50	52	51	53(232)
45.9	16.3	54	54	48	48	58	48	53	46(59)	57	46	55	47
		54	45	56	50(128)	48	48	54	54	45	54	50	56(232)
52.5	14.3	55	55	46	46	60	46	53	43(59)	58	43	57	45
		54	42	58	49(128)	46	46	55	55	42	54	49	58(232)
59.1	12.3	56	56	45	45	61	45	54	41(59)	60	41	58	43
		60	41	58	43(90)	45	45	56	56	41	60	43	58(270)
65.6	11.2	57	57	43	43	58	56	43	42(4)	62	38	59	41
		62	38	59	41(90)	43	43	57	57	38	62	41	59(270)
72.2	10.4	58	58	41	41	62	54	45	38(17)	64	35	61	39
		64	35	61	39(90)	41	41	59	59	35	64	39	61(269)
78.7	9.3	59	59	40	40	65	52	45	36(22)	66	33	62	37
		65	32	63	38(94)	39	39	60	60	32	65	38	63(265)
85.3	8.2	60	60	39	39	66	51	45	34(25)	67	31	63	36
		65	30	64	37(97)	38	38	60	60	30	65	37	64(262)
91.9	7.7	61	61	37	37	70	49	47	31(30)	69	28	65	34
		67	26	67	36(102)	36	36	62	62	26	66	37	67(257)
98.4	7.1	62	62	36	36	72	48	47	28(33)	71	26	66	32
		67	23	69	36(104)	35	35	63	63	23	67	36	69(255)

105.0	6.4	63	63	35	35	74	46	48	26(35)	73	24	67	30
		68	21	71	35(106)	34	34	63	63	21	67	35	71(253)
111.5	6.0	64	64	33	33	77	45	49	24(37)	75	22	69	29
		69	19	73	34(107)	33	33	65	65	18	69	35	73(252)
118.1	5.5	65	65	32	32	79	44	49	22(38)	76	20	70	27
		69	16	75	34(109)	31	31	65	65	16	69	34	75(250)
124.7	5.1	66	66	31	31	81	43	49	21(39)	78	18	71	26
		70	14	76	33(110)	30	30	66	66	14	69	34	76(249)
131.2	4.9	67	67	29	29	83	43	49	18(38)	80	16	73	24
		71	11	78	32(111)	29	29	68	68	11	71	33	78(248)
137.8	4.4	68	68	28	28	84	42	49	17(39)	81	14	74	23
		71	9	80	32(112)	28	28	68	68	9	71	33	80(247)

HA= 70.2 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.8 6.6 7.4 7.4

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 82.3 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-45-90 % LK = 20

Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
26.2	21.6	49	49	56	56	45	57	50	59(59)	46	60	47	58
		50	61	46	54(128)	57	57	48	48	61	50	54	46(232)
29.5	21.2	50	50	54	54	48	55	51	56(59)	49	57	49	55
		51	57	48	53(128)	55	55	50	50	57	51	53	48(232)
32.8	20.7	52	52	53	53	51	53	52	53(59)	51	54	51	53
		52	54	51	52(127)	53	53	51	51	54	52	52	51(232)
39.4	19.4	54	54	49	49	57	50	53	48(59)	56	48	55	49
		54	48	56	51(128)	50	50	54	54	48	54	51	56(232)
45.9	17.9	56	56	47	47	61	47	54	44(59)	60	44	58	45
		55	42	59	50(128)	47	47	56	56	42	55	50	59(232)
52.5	16.5	58	58	44	44	59	58	45	43(4)	63	39	60	42
		63	39	60	42(90)	44	44	58	58	39	63	42	60(270)
59.1	15.0	60	60	42	42	64	55	46	39(18)	66	36	62	39
		66	36	62	39(91)	42	42	60	60	35	66	40	63(268)
65.6	13.4	61	61	40	40	67	53	47	36(24)	68	33	64	37
		67	32	65	38(96)	40	40	61	61	32	67	39	65(263)
72.2	12.6	62	62	38	38	71	50	48	32(30)	71	30	66	35
		68	28	68	37(101)	38	38	63	63	27	68	37	68(258)
78.7	11.7	64	64	36	36	75	48	49	28(34)	73	26	68	32
		69	24	71	36(105)	36	36	64	64	24	69	37	71(254)
85.3	10.6	65	65	35	35	77	47	49	26(36)	75	24	69	30
		69	21	73	36(107)	34	34	65	65	21	69	36	73(252)
91.9	9.7	66	66	33	33	79	45	50	24(38)	77	22	71	29
		71	18	75	35(108)	33	33	66	66	18	70	35	75(251)
98.4	8.8	67	67	32	32	81	44	50	22(39)	78	20	72	27
		71	16	76	34(109)	32	32	67	67	16	71	35	76(250)
105.0	8.4	68	68	30	30	84	44	49	19(38)	81	17	74	25
		72	12	79	34(111)	30	30	68	68	12	71	34	79(248)
111.5	7.7	69	69	29	29	86	43	50	17(39)	83	15	75	23
		73	10	81	33(112)	29	29	69	69	10	72	33	81(247)

118.1	7.3	70	70	28	28	88	42	50	15(40)	85	13	77	22
	76	8	82	30(108)		27	27	71	71	7	76	30	82(251)
124.7	6.6	71	71	27	27	90	41	51	13(41)	86	11	78	21
	77	6	83	29(109)		26	26	71	71	6	76	30	83(250)
131.2	6.2	72	72	25	25	92	40	51	11(41)	88	9	79	19
	78	4	85	28(109)		25	25	72	72	3	77	29	85(250)
137.8	5.5	72	72	25	25	93	39	51	11(42)	88	8	79	18
	78	2	86	28(110)		24	24	73	73	2	77	29	86(249)
144.4	4.9	72	72	24	24	93	39	51	10(42)	88	7	80	18
	78	2	86	28(110)		24	24	73	73	1	77	28	86(249)

HA= 82.3 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.2 8.0 8.0

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 84.0 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-45-100 % LK = 21

Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
26.2	21.2	48	48	56	56	44	57	50	59(59)	45	60	47	58
		50	61	45	54(128)	57	57	48	48	61	50	54	45(232)
29.5	20.9	50	50	55	55	48	55	51	56(59)	49	57	49	55
		51	57	48	53(128)	55	55	50	50	57	51	53	48(232)
32.8	20.5	52	52	53	53	51	53	52	53(59)	51	54	51	53
		52	54	51	52(127)	53	53	51	51	54	52	52	51(232)
39.4	18.5	54	54	50	50	55	50	53	49(59)	55	49	54	49
		53	49	54	51(128)	50	50	53	53	49	53	51	54(232)
45.9	16.8	55	55	47	47	59	48	54	45(59)	58	45	56	46
		54	44	58	50(128)	47	47	55	55	44	54	50	58(232)
52.5	15.0	57	57	45	45	62	46	54	42(59)	60	41	58	43
		60	41	58	43(90)	45	45	56	56	41	60	43	58(270)
59.1	13.4	58	58	43	43	59	57	44	42(5)	63	38	60	41
		63	38	60	41(90)	43	43	58	58	38	63	41	60(270)
65.6	11.9	59	59	42	42	62	54	45	39(15)	64	36	61	39
		64	36	61	39(90)	41	41	59	59	36	64	39	61(270)
72.2	11.0	60	60	40	40	66	52	46	35(24)	67	32	63	37
		66	32	64	38(96)	39	39	60	60	31	66	38	64(263)
78.7	10.1	61	61	38	38	69	50	47	32(29)	69	30	65	35
		67	28	67	37(100)	38	38	62	62	28	67	37	67(259)
85.3	9.3	62	62	37	37	72	49	47	30(32)	71	27	66	33
		68	25	69	36(103)	36	36	63	63	25	67	37	69(256)
91.9	8.4	63	63	35	35	74	47	48	28(34)	73	25	67	31
		68	22	71	35(105)	35	35	63	63	22	68	36	71(254)
98.4	7.7	64	64	34	34	77	46	48	25(36)	75	23	69	30
		69	19	73	35(107)	33	33	65	65	19	69	35	73(252)
105.0	7.1	65	65	33	33	79	45	49	23(38)	76	21	70	28
		70	17	74	34(108)	32	32	66	66	17	69	34	75(251)
111.5	6.6	66	66	31	31	82	43	50	21(40)	78	18	72	26
		71	14	77	34(110)	31	31	67	67	14	70	34	77(249)
118.1	6.2	67	67	30	30	83	44	49	19(38)	80	16	73	24
		71	11	79	33(111)	29	29	68	68	11	71	33	79(248)

124.7 5.5 68 68 29 29 84 43 49 17(39) 81 15 74 23
 72 10 80 33(112) 28 28 69 69 10 71 33 80(247)
 131.2 5.3 69 69 27 27 88 41 50 15(40) 84 12 76 21
 76 7 81 29(108) 27 27 70 70 7 75 30 82(251)
 137.8 5.1 71 71 26 26 90 40 50 12(41) 86 10 78 19
 77 4 84 28(109) 25 25 71 71 4 76 29 84(250)
 144.4 4.6 71 71 25 25 92 39 51 11(42) 88 8 79 18
 77 3 85 28(110) 24 24 72 72 2 77 29 85(249)
 150.9 4.4 73 73 24 24 94 38 51 9(42) 90 6 80 17
 78 0 87 27(110) 23 23 73 73 0 78 28 87(249)

 HA= 84.0 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.2 8.1 8.1

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.	
	1(0)		2(...)		3(90)		6(...)			
	A	B	C	D	A	B	C	D		
29.5	19.8	49	49	55	55	47	55	50	56(59)	47 57 48 56
		50	58	47	53(128)	55	55	49	49	58 50 53 47(232)
32.8	19.6	51	51	53	53	50	53	51	54(59)	50 54 50 53
		51	54	50	52(127)	53	53	51	51	54 51 52 50(232)
39.4	18.7	54	54	49	49	56	50	53	48(59)	56 48 54 49
		54	48	55	51(128)	50	50	54	54	48 54 51 55(232)
45.9	17.6	57	57	47	47	62	47	54	43(59)	60 43 58 45
		55	42	60	49(128)	47	47	56	56	42 55 49 60(232)
52.5	16.3	59	59	44	44	60	57	45	43(6)	64 39 61 42
		64	39	61	42(90)	44	44	58	58	39 64 42 61(270)
59.1	15.2	61	61	41	41	66	54	46	37(21)	67 35 63 39
		67	34	64	39(93)	41	41	60	60	34 66 39 64(266)
65.6	14.1	62	62	39	39	70	52	47	33(28)	70 31 65 36
		68	29	67	38(100)	39	39	62	62	29 68 38 67(259)
72.2	12.8	63	63	37	37	73	50	48	30(32)	72 28 67 34
		69	26	70	37(103)	37	37	63	63	26 68 37 70(256)
78.7	11.9	65	65	35	35	77	48	49	27(35)	75 25 69 31
		70	22	73	36(106)	35	35	65	65	22 69 36 73(253)
85.3	11.2	67	67	33	33	80	46	50	24(38)	78 22 71 29
		71	18	76	35(109)	33	33	67	67	18 71 36 76(250)
91.9	10.4	68	68	32	32	83	44	51	21(40)	80 19 73 27
		72	15	78	34(110)	32	32	68	68	15 71 35 78(249)
98.4	9.5	69	69	30	30	84	45	50	19(38)	82 17 74 25
		73	12	80	34(111)	30	30	69	69	12 72 34 80(248)
105.0	8.8	70	70	29	29	87	43	51	17(40)	84 15 76 23
		73	9	82	33(112)	28	28	70	70	9 73 33 82(247)
111.5	8.4	71	71	27	27	90	41	51	14(41)	86 12 78 21
		77	6	84	30(109)	27	27	72	72	6 77 30 84(250)
118.1	7.7	72	72	26	26	92	41	51	12(41)	88 10 79 19
		78	4	85	29(109)	26	26	73	73	4 78 29 85(250)
124.7	6.8	72	72	25	25	93	39	52	11(42)	88 9 79 19
		78	3	86	29(110)	25	25	73	73	3 77 29 86(249)

131.2	6.0	72	72	25	25	93	39	52	11(42)	88	8	79	18
		78	2	86	28(110)	24	24	73	73	2	77	29	86(249)
137.8	5.3	73	73	24	24	93	39	51	10(42)	89	7	80	17
		78	1	86	28(110)	24	24	73	73	1	78	28	86(249)
144.4	4.6	73	73	24	24	94	39	51	9(42)	89	6	80	17
		78	0	87	27(110)	23	23	73	73	0	78	28	87(249)
150.9	4.0	73	73	24	24	94	38	51	9(42)	90	6	80	17
		78	0	87	27(110)	23	23	73	73	0	78	28	87(249)
157.5	3.3	72	72	23	23	94	38	51	9(42)	89	6	80	17
		78	0	87	27(110)	23	23	73	73	0	77	27	87(249)
164.0	2.9	73	73	23	23	94	38	51	8(42)	90	5	80	16
		77	0	88	25(110)	22	22	73	73	0	77	26	88(249)

HA= 96.5 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.8 7.2 8.2 8.2

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 100.4 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-100-100 % LK = 29

Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
32.8	19.0	51	51	53	53	49	53	51	54(59)	50	54	50	54
		51	55	49	52(128)	53	53	50	50	55	51	52	49(232)
39.4	18.1	54	54	50	50	55	50	52	49(59)	55	49	54	49
		53	48	54	51(128)	50	50	53	53	48	53	51	54(232)
45.9	16.5	56	56	47	47	60	47	54	45(59)	58	44	56	46
		54	43	58	50(128)	47	47	55	55	43	54	50	58(232)
52.5	15.2	57	57	45	45	63	45	55	41(59)	62	40	59	43
		62	40	59	43(90)	45	45	57	57	40	62	43	59(270)
59.1	13.9	59	59	42	42	62	56	45	40(13)	64	37	61	40
		64	37	61	40(90)	42	42	59	59	37	64	40	61(270)
65.6	12.8	60	60	40	40	66	53	46	36(23)	67	33	63	37
		66	32	64	38(95)	40	40	60	60	32	66	39	64(264)
72.2	11.5	61	61	39	39	69	51	47	33(28)	69	31	65	35
		67	29	66	37(99)	38	38	62	62	29	67	38	67(260)
78.7	10.6	63	63	37	37	72	49	48	30(32)	72	28	67	33
		68	25	69	37(103)	37	37	63	63	25	68	37	69(256)
85.3	9.7	64	64	35	35	75	47	49	27(35)	74	25	68	31
		69	22	71	36(106)	35	35	64	64	22	68	36	72(253)
91.9	9.0	65	65	34	34	78	46	49	24(37)	76	22	70	29
		70	19	74	35(108)	33	33	65	65	19	69	35	74(251)
98.4	8.4	66	66	32	32	81	44	50	22(39)	78	20	72	27
		71	16	76	34(109)	32	32	67	67	16	71	34	76(250)
105.0	7.7	67	67	31	31	83	43	50	20(40)	80	17	73	25
		71	13	78	34(111)	30	30	68	68	13	71	34	78(248)
111.5	7.1	68	68	29	29	85	43	50	18(39)	82	15	74	24
		72	11	80	33(112)	29	29	69	69	10	71	34	80(247)
118.1	6.6	69	69	28	28	87	42	50	15(40)	84	13	76	22
		76	8	81	30(108)	27	27	70	70	8	75	30	81(251)
124.7	6.2	71	71	27	27	90	41	51	13(41)	86	11	77	20
		77	6	83	29(109)	26	26	71	71	6	76	30	83(250)

131.2	5.7	72	72	25	25	92	39	51	11(42)	88	9	79	19
		77	3	85	29(110)	25	25	72	72	3	77	29	85(249)
137.8	5.3	73	73	24	24	94	39	52	9(42)	89	7	80	17
		78	1	87	28(110)	24	24	73	73	1	78	28	87(249)
144.4	4.4	72	72	24	24	93	39	51	10(42)	89	7	80	17
		78	1	86	28(110)	24	24	73	73	1	77	28	86(249)
150.9	3.7	72	72	24	24	93	38	51	9(42)	89	7	80	17
		78	1	86	27(110)	23	23	73	73	1	77	28	86(249)
157.5	3.3	73	73	23	23	94	38	51	8(42)	90	6	80	16
		78	0	87	26(110)	22	22	73	73	0	77	27	88(249)
164.0	2.6	72	72	23	23	93	38	51	8(42)	89	6	80	16
		78	0	87	26(110)	22	22	73	73	0	77	27	87(249)

HA=100.4 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.2 8.1 8.2

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 110.2 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-45-90-90 % LK = 36

Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
32.8	18.7	51	51	53	53	50	53	51	53(59)	50	54	50	53
		51	54	50	52(127)	53	53	50	50	54	51	52	50(232)
39.4	18.1	54	54	49	49	56	50	53	48(59)	56	48	54	49
		53	47	55	51(128)	50	50	54	54	47	53	51	55(232)
45.9	17.2	57	57	46	46	62	47	54	43(59)	60	43	58	45
		55	41	60	49(128)	46	46	57	57	41	55	49	60(232)
52.5	16.3	59	59	43	43	62	56	45	41(12)	65	38	62	41
		65	38	62	41(90)	43	43	59	59	38	65	41	62(270)
59.1	15.4	62	62	40	40	68	53	47	35(25)	69	33	65	37
		67	32	66	39(97)	40	40	62	62	32	67	39	66(262)
65.6	14.3	63	63	38	38	73	51	48	31(31)	72	29	67	34
		69	27	69	37(102)	38	38	63	63	27	69	38	69(257)
72.2	13.4	65	65	36	36	77	48	49	27(35)	75	25	70	32
		70	22	73	36(106)	35	35	65	65	22	70	37	73(253)
78.7	12.3	67	67	34	34	80	46	50	24(38)	78	22	71	29
		71	19	75	35(108)	34	34	67	67	19	71	36	76(251)
85.3	11.7	69	69	32	32	84	44	51	21(40)	81	19	74	26
		72	14	79	35(111)	32	32	69	69	14	72	35	79(248)
91.9	10.8	70	70	30	30	86	44	50	18(39)	83	16	76	24
		73	11	81	34(112)	30	30	70	70	11	73	34	81(247)
98.4	10.1	71	71	28	28	90	43	51	15(40)	86	13	78	22
		77	8	83	30(108)	28	28	71	71	8	77	31	83(251)
105.0	9.3	72	72	27	27	91	41	52	13(41)	88	11	79	21
		78	6	85	29(109)	26	26	72	72	6	77	30	85(250)
111.5	8.2	72	72	26	26	92	41	51	12(41)	88	10	79	20
		78	4	85	29(109)	26	26	73	73	4	78	29	85(250)
118.1	7.1	72	72	26	26	92	41	51	12(41)	88	9	79	19
		78	4	85	28(109)	25	25	73	73	4	78	29	85(250)
124.7	6.2	72	72	25	25	93	39	52	11(42)	88	8	79	19
		78	3	86	28(110)	24	24	73	73	2	77	29	86(249)

131.2 5.5 73 73 24 24 94 39 52 9(42) 89 7 80 17
 78 1 87 28(110) 24 24 73 73 1 78 28 87(249)
 137.8 4.6 72 72 24 24 94 39 51 9(42) 89 7 80 17
 78 1 86 28(110) 23 23 73 73 1 78 28 87(249)
 144.4 4.0 73 73 24 24 94 38 51 9(42) 90 6 80 17
 78 0 87 27(110) 23 23 73 73 0 78 28 87(249)
 150.9 3.1 72 72 24 24 93 38 51 9(42) 88 6 79 17
 78 1 86 27(110) 23 23 73 73 0 77 28 86(249)
 157.5 2.6 72 72 23 23 94 38 51 8(42) 89 5 80 16
 78 0 88 26(110) 22 22 73 73 0 77 26 88(249)

 HA=110.2 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.2 8.1 8.2

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 114.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)								
	A	B	C	D	A	B	C	D	A	B	C	D	
39.4	17.6	54	54	49	49	56	50	52	48(59)	55	48	54	49
		53	48	55	51(128)	50	50	53	53	48	53	51	55(232)
45.9	16.5	56	56	47	47	61	47	54	43(59)	59	43	57	45
		55	42	59	49(128)	47	47	56	56	42	55	49	59(232)
52.5	15.4	58	58	44	44	59	57	45	43(5)	63	39	60	42
		63	39	60	42(90)	44	44	58	58	39	63	42	60(270)
59.1	14.1	60	60	41	41	64	54	46	38(19)	66	35	63	39
		66	35	63	39(92)	41	41	60	60	35	66	39	63(267)
65.6	13.0	62	62	39	39	69	52	47	34(27)	69	32	65	36
		67	30	66	38(99)	39	39	62	62	30	67	38	67(260)
72.2	12.1	63	63	37	37	73	50	48	30(32)	72	28	67	33
		69	26	70	37(103)	37	37	63	63	25	68	37	70(256)
78.7	11.0	64	64	35	35	76	48	49	27(35)	74	25	69	31
		69	22	72	36(106)	35	35	65	65	22	69	36	72(253)
85.3	10.1	66	66	34	34	79	46	49	24(37)	77	22	71	29
		70	19	75	35(108)	33	33	66	66	19	70	35	75(251)
91.9	9.5	67	67	32	32	82	44	50	21(39)	79	19	73	27
		71	15	77	34(110)	32	32	67	67	15	71	35	77(249)
98.4	8.8	69	69	30	30	84	44	50	19(38)	82	17	74	25
		73	12	80	33(111)	30	30	69	69	12	72	34	80(248)
105.0	8.4	70	70	28	28	88	42	51	16(40)	85	13	77	22
		76	9	82	30(108)	28	28	71	71	8	76	31	82(251)
111.5	7.7	71	71	27	27	90	41	51	13(41)	86	11	78	21
		77	6	84	29(109)	26	26	72	72	6	77	30	84(250)
118.1	7.1	72	72	26	26	92	40	52	11(42)	88	9	79	19
		78	4	85	29(110)	25	25	73	73	3	77	30	86(249)
124.7	6.2	72	72	25	25	93	39	52	11(42)	88	8	80	18
		78	2	86	28(110)	24	24	73	73	2	77	29	86(249)
131.2	5.5	73	73	24	24	94	39	52	9(42)	90	7	80	17
		78	1	87	28(110)	24	24	73	73	1	78	28	87(249)
137.8	4.6	73	73	24	24	94	39	51	9(42)	89	7	80	17
		78	1	87	27(110)	23	23	73	73	1	78	28	87(249)

144.4 3.7 72 72 24 24 93 38 51 9(42) 89 7 80 17
 78 1 86 27(110) 23 23 73 73 1 77 28 86(249)
 150.9 3.1 72 72 24 24 93 38 51 9(42) 89 6 80 17
 78 0 86 27(110) 23 23 73 73 0 77 28 86(249)
 157.5 2.4 72 72 24 24 93 38 51 9(42) 88 6 79 17
 78 0 86 27(110) 23 23 73 73 0 77 28 86(249)

 HA=114.5 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.2 8.0 8.1

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 124.3 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-90-90-90 % LK = 45

Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
39.4	17.2	54	54	49	49	56	50	52	48(59)	55	48	54	49	
		53	47	55	50(128)	49	49	53	53	47	53	50	55(232)	
45.9	16.5	57	57	46	46	62	47	54	43(59)	60	43	58	45	
		55	41	60	49(128)	46	46	56	56	41	55	49	60(232)	
52.5	15.9	59	59	43	43	62	56	45	41(13)	65	37	62	41	
		65	37	62	41(90)	43	43	59	59	37	65	41	62(270)	
59.1	15.0	62	62	40	40	69	53	47	35(26)	69	33	65	37	
		67	31	66	39(98)	40	40	62	62	31	67	39	66(261)	
65.6	14.3	64	64	37	37	74	50	49	30(33)	73	28	68	34	
		69	25	71	37(104)	37	37	64	64	25	69	37	71(255)	
72.2	13.4	66	66	35	35	79	47	50	26(37)	77	24	71	30	
		71	21	74	36(107)	35	35	66	66	21	71	36	75(252)	
78.7	12.6	68	68	33	33	83	45	51	22(39)	80	21	73	28	
		72	16	78	35(110)	33	33	68	68	16	72	35	78(249)	
85.3	11.9	70	70	30	30	86	45	51	19(39)	83	17	76	25	
		73	12	81	34(112)	30	30	70	70	12	73	35	81(247)	
91.9	11.0	71	71	29	29	89	43	51	16(40)	86	14	77	22	
		77	9	83	30(108)	28	28	71	71	9	77	31	83(251)	
98.4	10.1	72	72	27	27	92	42	52	13(41)	88	11	79	21	
		78	6	85	30(109)	27	27	73	73	6	78	30	85(250)	
105.0	8.8	72	72	26	26	92	41	52	13(41)	88	10	79	20	
		78	5	85	29(109)	26	26	73	73	5	78	30	85(250)	
111.5	7.7	72	72	26	26	93	40	52	11(42)	88	9	79	19	
		78	4	86	29(110)	25	25	73	73	3	77	30	86(249)	
118.1	6.6	72	72	25	25	93	39	52	11(42)	88	9	79	19	
		78	3	86	29(110)	25	25	73	73	3	77	29	86(249)	
124.7	5.7	73	73	25	25	93	39	52	10(42)	89	8	80	18	
		78	2	86	28(110)	24	24	73	73	2	78	29	86(249)	
131.2	4.9	72	72	24	24	93	39	51	10(42)	89	7	80	17	
		78	1	86	28(110)	24	24	73	73	1	78	28	86(249)	
137.8	4.0	72	72	24	24	93	38	51	9(42)	89	7	80	17	
		78	1	86	27(110)	23	23	73	73	1	77	28	86(249)	
144.4	3.3	72	72	24	24	94	38	51	9(42)	89	6	80	17	
		78	0	86	27(110)	23	23	73	73	0	77	28	87(249)	
150.9	2.6	72	72	23	23	94	38	51	8(42)	89	6	80	16	
		78	0	87	26(110)	22	22	73	73	0	77	27	88(249)	

HA=124.3 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.2 8.1 8.1

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 130.9 ft Length of jib = 82.0 ft
Main boom sequence = 0-0-0-100-100-100 % LK = 46
Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
	A	B	C	D	A	B	C	D	A	B	C	D	
39.4	16.3	53	53	50	50	54	50	52	49(59)	54	49	53	49
		52	48	54	50(128)	50	50	53	53	48	52	50	54(232)
45.9	15.9	56	56	46	46	61	47	54	43(59)	59	43	57	45
		55	42	59	49(128)	46	46	56	56	42	55	49	59(232)
52.5	15.0	58	58	43	43	60	57	45	42(7)	63	38	60	41
		63	38	60	41(90)	43	43	58	58	38	63	41	60(270)
59.1	14.1	61	61	41	41	67	53	47	36(23)	67	34	63	38
		67	33	64	39(95)	41	41	61	61	33	66	39	65(264)
65.6	13.0	62	62	38	38	71	51	48	32(30)	71	30	66	35
		68	28	68	37(101)	38	38	63	63	28	68	38	68(258)
72.2	12.1	64	64	36	36	75	49	49	28(34)	74	26	68	32
		69	23	71	36(105)	36	36	64	64	23	69	37	72(254)
78.7	11.5	66	66	34	34	80	46	50	24(38)	77	22	71	29
		71	19	75	35(108)	34	34	66	66	19	71	36	75(251)
85.3	10.6	68	68	32	32	83	44	51	21(40)	80	19	73	27
		72	15	78	34(110)	32	32	68	68	15	71	35	78(249)
91.9	9.7	69	69	30	30	85	44	50	19(39)	82	17	75	25
		73	12	80	34(111)	30	30	69	69	12	72	34	80(248)
98.4	9.0	70	70	28	28	88	43	51	16(40)	85	14	77	23
		76	9	82	30(108)	28	28	71	71	9	76	31	82(251)
105.0	8.6	72	72	26	26	92	41	51	13(41)	88	11	79	20
		78	5	85	29(109)	26	26	72	72	5	77	30	85(250)
111.5	7.5	72	72	26	26	92	41	51	12(41)	88	9	79	19
		78	4	85	28(109)	25	25	73	73	4	78	29	85(250)
118.1	6.6	73	73	25	25	93	39	52	11(42)	89	8	80	18
		78	2	86	28(110)	24	24	73	73	2	78	29	86(249)
124.7	5.7	73	73	24	24	94	39	52	10(42)	89	7	80	17
		78	1	87	28(110)	24	24	73	73	1	78	28	87(249)
131.2	4.9	73	73	24	24	94	39	51	9(42)	90	7	80	17
		78	1	87	27(110)	23	23	73	73	0	78	28	87(249)
137.8	4.0	73	73	24	24	94	38	51	9(42)	89	6	80	17
		78	0	87	27(110)	23	23	73	73	0	78	28	87(249)
144.4	3.1	72	72	24	24	93	38	51	9(42)	89	6	80	17
		78	0	86	27(110)	23	23	73	73	0	77	28	86(249)
150.9	2.4	72	72	23	23	93	38	51	9(42)	89	6	80	17
		78	0	86	27(110)	23	23	73	73	0	77	27	87(249)

HA=130.9 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.2 8.1 8.1

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 138.1 ft Length of jib = 82.0 ft
Main boom sequence = 0-0-45-90-90-90 % LK = 54

Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D		
45.9	16.1	57	57	45	45	62	46	54	42	(59)	61	42	58	44	
		61	42	58	44	(90)	46	46	57	57	42	61	44	58	(270)
52.5	15.4	60	60	42	42	63	55	46	39	(16)	66	36	62	40	
		66	36	62	40	(90)	42	42	60	60	36	66	40	62	(270)
59.1	14.8	62	62	39	39	70	52	48	34	(28)	70	31	66	36	
		68	30	67	38	(100)	39	39	62	62	30	68	38	68	(259)
65.6	14.1	65	65	36	36	76	49	49	28	(35)	75	26	69	32	
		70	24	72	37	(105)	36	36	65	65	24	70	37	72	(254)
72.2	13.4	67	67	34	34	81	46	50	24	(38)	79	22	72	29	
		72	18	77	35	(109)	34	34	67	67	18	71	36	77	(250)
78.7	12.8	70	70	31	31	86	44	52	20	(41)	83	18	75	26	
		74	13	80	34	(111)	31	31	70	70	13	73	35	80	(248)
85.3	12.1	72	72	29	29	90	43	51	16	(40)	86	14	78	23	
		78	9	83	31	(108)	28	28	72	72	9	77	31	83	(251)
91.9	11.0	73	73	27	27	92	42	52	13	(41)	88	11	79	21	
		79	6	85	30	(109)	27	27	73	73	6	78	30	85	(250)
98.4	9.5	73	73	26	26	92	41	52	13	(41)	88	10	79	20	
		79	5	85	29	(109)	26	26	73	73	5	78	30	86	(250)
105.0	8.2	73	73	26	26	93	40	52	12	(42)	89	9	80	19	
		78	4	86	29	(110)	25	25	73	73	4	78	30	86	(249)
111.5	7.1	73	73	25	25	94	39	52	11	(42)	89	8	80	18	
		78	2	86	28	(110)	25	25	73	73	2	78	29	86	(249)
118.1	6.0	73	73	25	25	94	39	52	10	(42)	89	7	80	18	
		78	2	86	28	(110)	24	24	73	73	2	78	29	87	(249)
124.7	5.1	73	73	24	24	94	39	52	9	(42)	90	7	80	17	
		79	1	87	27	(110)	23	23	73	73	0	78	28	87	(249)
131.2	4.0	72	72	24	24	93	38	51	9	(42)	89	7	80	17	
		78	1	86	27	(110)	23	23	73	73	1	77	28	86	(249)
137.8	3.1	72	72	24	24	93	38	51	9	(42)	89	6	80	17	
		78	1	86	27	(110)	23	23	73	73	0	77	28	86	(249)
144.4	2.4	72	72	23	23	94	38	51	8	(42)	89	6	80	16	
		78	0	87	26	(110)	22	22	73	73	0	77	27	87	(249)

HA=138.1 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.8 7.3 8.1 8.1

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 145.0 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-45-100-100-100 % LK = 55

Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D		
45.9	15.0	56	56	46	46	60	47	54	43	(59)	59	43	57	45	
		54	41	59	49	(128)	46	46	56	56	41	54	49	59	(232)
52.5	14.8	59	59	43	43	62	56	45	41	(13)	65	37	61	40	
		65	37	61	40	(90)	43	43	59	59	37	65	40	61	(270)

59.1	13.9	62	62	40	40	68	52	47	35(26)	69	32	64	37
		67	31	66	38(98)	40	40	62	62	31	67	39	66(261)
65.6	13.2	64	64	37	37	74	49	49	30(33)	73	28	68	33
		69	25	70	37(104)	37	37	64	64	25	69	37	71(255)
72.2	12.3	66	66	35	35	78	47	50	26(37)	77	24	70	30
		71	21	74	36(107)	35	35	66	66	21	70	36	74(252)
78.7	11.7	68	68	32	32	83	44	51	22(40)	80	20	73	27
		72	16	78	35(110)	32	32	68	68	15	72	35	78(249)
85.3	10.8	69	69	30	30	86	44	50	19(39)	83	17	75	25
		73	12	81	34(112)	30	30	70	70	12	73	34	81(247)
91.9	10.1	71	71	28	28	90	43	51	15(40)	86	13	78	22
		77	8	83	30(108)	28	28	71	71	8	77	31	83(251)
98.4	9.5	73	73	26	26	93	41	52	12(41)	89	10	80	20
		79	5	86	29(109)	26	26	73	73	4	78	30	86(250)
105.0	8.2	73	73	26	26	93	40	52	11(42)	89	9	80	19
		78	3	86	29(110)	25	25	73	73	3	78	30	86(249)
111.5	6.8	73	73	25	25	93	39	52	11(42)	89	9	80	19
		78	3	86	29(110)	25	25	73	73	3	77	29	86(249)
118.1	6.0	73	73	24	24	94	39	52	10(42)	90	7	80	17
		79	1	87	28(110)	24	24	73	73	1	78	28	87(249)
124.7	4.9	73	73	24	24	94	39	51	9(42)	89	7	80	17
		78	1	86	28(110)	24	24	73	73	1	78	28	87(249)
131.2	4.0	73	73	24	24	94	38	51	9(42)	89	6	80	17
		78	0	87	27(110)	23	23	73	73	0	78	28	87(249)
137.8	3.1	72	72	24	24	94	38	51	9(42)	89	6	80	17
		78	0	86	27(110)	23	23	73	73	0	77	28	87(249)
144.4	2.2	72	72	24	24	93	38	51	9(42)	88	6	79	17
		78	0	86	27(110)	23	23	73	73	0	77	28	86(249)

 HA=145.0 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.3 8.1 8.1

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	15.0	56	56	45	45	62	46	54	42(59)	60	42	58	44
		60	42	58	44(90)	45	45	56	56	42	60	44	58(270)
52.5	14.8	60	60	42	42	64	55	46	39(18)	66	36	62	39
		66	36	62	39(90)	42	42	60	60	36	66	39	62(269)
59.1	14.1	63	63	39	39	71	51	48	33(29)	71	31	66	35
		68	29	68	38(100)	39	39	63	63	29	68	38	68(259)
65.6	13.7	65	65	36	36	77	49	49	28(35)	75	26	70	32
		71	22	73	36(106)	36	36	65	65	22	70	37	73(253)
72.2	13.0	68	68	33	33	82	45	51	23(39)	80	21	73	28
		72	17	77	35(109)	33	33	68	68	17	72	35	77(250)
78.7	12.6	71	71	30	30	87	45	51	18(39)	84	16	76	24
		74	11	82	34(112)	30	30	71	71	11	74	34	82(247)
85.3	11.7	72	72	28	28	91	42	52	15(41)	87	13	78	22
		78	7	84	30(109)	28	28	72	72	7	77	31	84(250)

91.9	9.9	72	72	27	27	91	42	52	14(41)	87	12	78	21
		78	6	84	30(109)	27	27	72	72	6	77	30	84(250)
98.4	8.4	72	72	27	27	91	41	51	13(41)	87	11	78	20
		78	6	84	29(109)	26	26	72	72	5	77	30	85(250)
105.0	7.3	72	72	26	26	93	40	52	12(42)	88	9	79	19
		78	4	86	29(110)	25	25	73	73	4	77	30	86(249)
111.5	6.0	72	72	25	25	92	39	52	11(42)	88	9	79	19
		77	3	85	29(110)	25	25	73	73	3	77	29	86(249)
118.1	5.1	72	72	24	24	93	39	51	10(42)	89	7	80	18
		78	2	86	28(110)	24	24	73	73	2	77	28	86(249)
124.7	4.0	72	72	24	24	93	39	51	10(42)	88	7	79	18
		78	2	86	28(110)	24	24	73	73	1	77	28	86(249)
131.2	3.1	72	72	24	24	93	38	51	9(42)	88	7	79	17
		78	1	86	27(110)	23	23	73	73	1	77	28	86(249)
137.8	2.4	72	72	23	23	94	38	51	8(42)	89	6	80	16
		78	0	87	26(110)	22	22	73	73	0	77	27	87(249)

 HA=152.2 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.2 8.1 8.1

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 161.4 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-100-100-100-100 % LK = 63

Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)								
	4(...)	5(180)	6(...)										
A B C D	A B C D	A B C D	A B C D										
52.5	13.0	58	58	43	43	59	56	44	42(7)	63	38	60	41
		63	38	60	41(90)	43	43	58	58	38	63	41	60(270)
59.1	13.0	61	61	40	40	68	52	47	35(26)	69	32	64	37
		67	31	66	38(98)	39	39	61	61	31	67	38	66(261)
65.6	12.6	64	64	37	37	74	49	49	29(33)	73	27	68	33
		69	24	71	37(104)	37	37	64	64	24	69	37	71(255)
72.2	12.1	67	67	34	34	80	46	50	24(38)	78	22	71	29
		71	19	76	35(108)	34	34	67	67	19	71	35	76(251)
78.7	11.5	69	69	31	31	85	43	52	20(41)	82	18	74	26
		73	13	80	34(111)	31	31	69	69	13	72	35	80(248)
85.3	10.8	71	71	29	29	89	43	51	16(40)	85	14	77	23
		77	9	82	31(108)	29	29	71	71	9	77	31	82(251)
91.9	9.5	71	71	28	28	90	42	52	15(41)	86	12	78	21
		77	7	84	30(109)	27	27	72	72	7	77	31	84(250)
98.4	8.2	72	72	27	27	91	41	51	13(41)	87	11	78	20
		78	6	84	29(109)	26	26	72	72	5	77	30	84(250)
105.0	6.8	72	72	26	26	91	41	51	12(41)	87	10	78	20
		78	5	84	29(109)	26	26	72	72	4	77	29	85(250)
111.5	5.7	72	72	25	25	92	39	52	11(42)	88	9	79	19
		77	3	85	29(110)	25	25	72	72	3	77	29	85(249)
118.1	4.6	72	72	25	25	92	39	51	11(42)	88	8	79	18
		77	3	85	28(110)	24	24	72	72	2	77	29	85(249)
124.7	3.7	72	72	24	24	93	39	51	10(42)	88	7	79	18
		77	2	86	28(110)	24	24	73	73	1	77	28	86(249)
131.2	2.9	72	72	24	24	93	38	51	9(42)	88	7	79	17
		77	1	86	27(110)	23	23	73	73	1	77	28	86(249)

 HA=161.4 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.2 8.0 8.0

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.		
		1(0)		2(...)				3(90)		4(...)						
		A	B	C	D	A	B	C	D	A	B	C	D			
52.5	14.1	60	60	41	41	65	54	46	38	(20)	67	35	63	39		
		66	35	63	39	(92)	41	41	60	60		34	66	39	63	(267)
59.1	13.9	63	63	38	38	73	50	48	31	(31)	72	29	67	34		
		69	27	69	37	(103)	38	38	63	63		27	68	38	70	(256)
65.6	13.4	66	66	35	35	79	47	50	26	(37)	77	24	71	30		
		71	20	75	36	(108)	35	35	66	66		20	71	36	75	(251)
72.2	12.8	69	69	32	32	85	45	51	21	(40)	82	19	74	27		
		73	15	79	35	(111)	32	32	69	69		14	72	35	79	(248)
78.7	11.9	71	71	29	29	89	43	51	17	(40)	85	15	77	24		
		75	10	83	33	(112)	29	29	71	71		10	74	34	83	(247)
85.3	10.1	71	71	28	28	89	43	51	16	(40)	86	13	77	22		
		77	9	83	30	(108)	28	28	71	71		8	77	31	83	(251)
91.9	8.4	71	71	28	28	89	42	51	15	(40)	86	13	77	22		
		77	8	83	30	(108)	27	27	71	71		7	77	30	83	(251)
98.4	7.1	71	71	27	27	90	41	51	13	(41)	86	11	78	21		
		77	6	84	29	(109)	26	26	71	71		6	76	30	84	(250)
105.0	5.7	71	71	26	26	90	40	51	13	(41)	86	10	78	20		
		77	5	84	29	(109)	26	26	71	71		5	76	29	84	(250)
111.5	4.6	71	71	26	26	91	40	51	12	(41)	87	9	78	19		
		77	4	84	28	(109)	25	25	72	72		4	77	29	84	(250)
118.1	3.5	71	71	25	25	91	40	50	11	(41)	87	9	78	19		
		77	3	84	28	(109)	24	24	72	72		3	76	28	84	(250)
124.7	2.6	71	71	25	25	91	38	51	11	(42)	87	8	78	18		
		77	2	85	28	(110)	24	24	72	72		2	76	28	85	(249)

 HA=166.0 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.1 7.9 7.9

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 175.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.		
		1(0)		2(...)				3(90)		4(...)						
		A	B	C	D	A	B	C	D	A	B	C	D			
52.5	12.1	58	58	43	43	60	56	44	41	(9)	63	37	60	40		
		63	37	60	40	(90)	43	43	58	58		37	63	40	60	(270)
59.1	12.1	61	61	39	39	69	52	47	34	(27)	69	32	65	36		
		67	30	66	38	(98)	39	39	61	61		30	67	38	66	(261)
65.6	12.1	65	65	36	36	76	48	49	28	(35)	75	26	69	32		
		70	23	72	36	(106)	36	36	65	65		22	69	37	72	(253)

72.2	11.7	67	67	33	33	82	45	51	23(39)	79	21	73	28
		72	17	77	35(109)	33	33	67	67	17	71	35	77(250)
78.7	11.2	70	70	30	30	87	44	51	18(39)	84	16	76	24
		74	11	82	34(112)	30	30	70	70	11	73	34	82(247)
85.3	9.7	71	71	29	29	88	43	51	16(40)	85	14	77	23
		77	9	82	31(108)	28	28	71	71	9	76	31	82(251)
91.9	7.9	70	70	28	28	88	42	50	15(40)	85	13	77	22
		77	8	82	30(108)	28	28	71	71	8	76	30	82(251)
98.4	6.6	70	70	27	27	89	42	50	14(40)	85	12	77	21
		77	7	82	29(108)	27	27	71	71	7	76	30	83(251)
105.0	5.3	70	70	27	27	89	41	51	13(41)	85	11	77	21
		76	6	83	29(109)	26	26	71	71	6	76	30	83(250)
111.5	4.2	70	70	26	26	90	40	50	13(41)	86	10	77	20
		76	5	83	29(109)	25	25	71	71	5	76	29	83(250)
118.1	3.3	71	71	25	25	90	40	50	11(41)	86	9	78	19
		77	4	84	28(109)	24	24	71	71	3	76	28	84(250)
124.7	2.2	70	70	25	25	90	39	50	11(41)	86	9	78	19
		76	3	83	28(109)	24	24	71	71	3	76	28	84(250)

 HA=175.5 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.4 7.1 7.8 7.8

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 82.0 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
59.1	12.8	63	63	38	38	72	50	48	31(31)	72	29	67	34
		69	27	69	37(102)	38	38	63	63	27	68	37	69(257)
65.6	12.8	67	67	34	34	80	46	50	25(38)	78	23	71	30
		71	19	75	35(108)	34	34	67	67	19	71	36	75(251)
72.2	12.3	69	69	31	31	86	43	52	19(41)	83	18	75	26
		74	13	80	34(111)	31	31	70	70	13	73	35	80(248)
78.7	10.4	70	70	30	30	86	44	50	18(39)	83	16	76	24
		73	11	81	34(112)	30	30	70	70	11	73	34	81(247)
85.3	8.6	70	70	29	29	87	43	51	17(40)	84	14	76	23
		74	9	82	33(112)	28	28	70	70	9	73	33	82(247)
91.9	7.1	70	70	28	28	88	42	50	15(40)	84	13	76	22
		76	8	82	30(108)	28	28	70	70	8	75	30	82(251)
98.4	5.5	70	70	28	28	88	41	50	15(40)	84	12	76	22
		76	7	81	29(108)	27	27	70	70	7	75	30	82(251)
105.0	4.4	70	70	27	27	89	40	50	13(41)	85	11	77	21
		76	6	82	29(109)	26	26	71	71	6	75	30	82(250)
111.5	3.3	70	70	26	26	89	40	50	13(41)	85	10	77	20
		76	5	83	29(109)	25	25	71	71	5	75	29	83(250)
118.1	2.2	70	70	26	26	89	39	50	12(41)	85	9	77	19
		76	4	83	28(109)	25	25	71	71	4	75	29	83(250)

 HA=180.1 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.3 7.0 7.7 7.7

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 191.9 ft Length of jib = 82.0 ft
 Main boom sequence = 0-100-100-100-100-100 % LK = 74
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		A	B	C	D	A	B	C	D	A	B	C	D		
59.1	10.6	60	60	39	39	67	52	46	34	25	68	32	64	36	
		66	31	65	38	39	39	61	61	30	66	38	65	262	
65.6	10.6	64	64	36	36	75	48	48	28	34	73	26	68	32	
		69	23	71	36	105	36	36	64	64	23	69	37	71	254
72.2	10.6	67	67	33	33	82	45	50	22	39	79	21	72	28	
		72	16	77	35	109	32	32	67	67	16	71	35	77	250
78.7	9.7	69	69	30	30	85	44	50	19	39	82	17	75	25	
		73	12	80	33	111	30	30	69	69	12	73	34	80	248
85.3	7.9	69	69	29	29	86	43	50	18	39	83	15	75	24	
		73	10	81	33	112	29	29	69	69	10	72	34	81	247
91.9	6.4	69	69	28	28	86	43	50	17	39	83	14	75	23	
		76	9	80	30	107	28	28	70	70	9	75	30	80	252
98.4	5.1	69	69	28	28	87	41	50	15	40	84	13	76	22	
		75	8	81	30	108	27	27	70	70	8	75	30	81	251
105.0	3.7	69	69	27	27	87	41	50	15	40	84	12	76	21	
		75	7	81	29	108	26	26	70	70	7	75	30	81	251
111.5	2.6	69	69	27	27	87	41	49	14	40	84	11	76	21	
		75	6	81	29	108	26	26	70	70	6	75	29	81	251

HA=191.9 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.1 7.0 7.5 7.6

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 193.9 ft Length of jib = 82.0 ft
 Main boom sequence = 45-90-90-90-90-90 % LK = 76
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		A	B	C	D	A	B	C	D	A	B	C	D		
59.1	11.5	63	63	37	37	72	50	48	31	31	71	29	66	34	
		68	26	69	37	102	37	37	63	63	26	68	37	69	257
65.6	11.5	66	66	34	34	80	46	50	24	38	77	22	71	29	
		71	19	75	35	108	34	34	66	66	19	71	36	75	251
72.2	10.6	68	68	31	31	84	44	51	20	40	81	18	74	26	
		72	14	79	34	111	31	31	69	69	13	72	35	79	248
78.7	8.6	69	69	30	30	84	44	50	19	38	82	17	74	25	
		73	12	80	33	111	30	30	69	69	12	72	34	80	248
85.3	6.8	69	69	29	29	85	43	50	18	39	82	15	75	24	
		72	10	80	33	112	29	29	69	69	10	72	34	80	247
91.9	5.3	69	69	28	28	86	43	49	17	39	82	14	75	23	
		75	9	80	30	107	28	28	69	69	9	75	30	80	252
98.4	4.0	69	69	28	28	86	41	50	15	40	83	13	75	22	
		75	8	80	30	108	27	27	69	69	8	74	30	80	251
105.0	2.6	69	69	27	27	86	41	49	15	40	83	12	75	21	
		75	7	80	29	108	26	26	69	69	7	74	30	80	251

HA=193.9 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.0 6.9 7.5 7.5

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 205.7 ft Length of jib = 82.0 ft
Main boom sequence = 45-100-100-100-100-100 % LK = 77
Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.						
	1(0)				2(...)					3(90)					
	4(...)				5(180)					6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D			
65.6	9.3	63	63	36	36	74	48	48	28	(34)	73	26	67	32	
		68	23	71	36	(105)	35	35	64	64	23	68	36	71	(254)
72.2	9.3	67	67	32	32	81	45	50	22	(39)	78	20	72	28	
		71	16	76	34	(109)	32	32	67	67	16	71	35	77	(250)
78.7	7.9	68	68	31	31	84	43	50	20	(40)	80	17	73	25	
		72	13	78	34	(111)	30	30	68	68	13	71	34	79	(248)
85.3	6.2	68	68	30	30	84	44	49	19	(38)	81	16	74	24	
		72	11	79	33	(111)	29	29	68	68	11	71	33	79	(248)
91.9	4.9	68	68	29	29	85	43	49	17	(39)	82	14	74	23	
		72	9	80	32	(112)	28	28	69	69	9	71	33	80	(247)
98.4	3.5	68	68	28	28	85	42	49	16	(39)	82	13	75	22	
		75	9	80	29	(107)	27	27	69	69	9	74	30	80	(252)
105.0	2.2	68	68	28	28	86	41	49	15	(40)	82	13	75	22	
		74	8	80	29	(108)	27	27	69	69	8	73	30	80	(251)

HA=205.7 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.9 6.9 7.4 7.5

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 208.0 ft Length of jib = 82.0 ft
Main boom sequence = 90-90-90-90-90-90 % LK = 78
Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.						
	1(0)				2(...)					3(90)					
	4(...)				5(180)					6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D			
65.6	9.9	65	65	34	34	78	46	49	25	(37)	76	23	70	30	
		70	19	74	35	(108)	34	34	66	66	19	70	36	74	(251)
72.2	8.8	67	67	32	32	82	44	51	21	(40)	79	19	73	26	
		71	15	77	34	(110)	31	31	67	67	15	71	35	78	(249)
78.7	6.8	67	67	31	31	83	43	50	20	(40)	80	17	73	25	
		71	13	78	34	(111)	30	30	68	68	13	71	34	78	(248)
85.3	5.1	67	67	30	30	83	43	49	19	(38)	80	16	73	24	
		71	11	78	33	(111)	29	29	68	68	11	71	33	78	(248)
91.9	3.7	67	67	29	29	84	42	49	17	(39)	81	15	74	23	
		71	10	79	32	(112)	28	28	68	68	9	71	33	80	(247)
98.4	2.4	68	68	28	28	84	42	49	16	(39)	81	13	74	22	
		74	9	79	29	(107)	27	27	68	68	9	73	30	79	(252)

HA=208.0 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.8 6.8 7.4 7.4

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 219.8 ft Length of jib = 82.0 ft
 Main boom sequence = 90-100-100-100-100-100 % LK = 80
 Counterweight = 55.8 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)					3(90)			
		4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D			
65.6	7.9	63	63	36	36	73	48	47	28(33)	72	26	67	32	
		68	23	70	36(104)	35	35	63	63	23	68	36	70(255)	
72.2	7.9	66	66	32	32	80	44	50	22(39)	78	20	71	28	
		71	16	76	34(109)	32	32	66	66	16	70	35	76(250)	
78.7	6.4	67	67	31	31	82	43	50	20(40)	79	18	72	26	
		71	14	77	34(110)	30	30	67	67	13	71	34	77(249)	
85.3	4.6	67	67	30	30	82	43	49	19(38)	79	17	73	25	
		71	12	78	33(111)	30	30	67	67	12	70	34	78(248)	
91.9	3.3	67	67	29	29	83	43	49	18(38)	80	15	73	24	
		71	10	78	32(111)	28	28	68	68	10	71	33	78(248)	

HA=219.8 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.3 7.3

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

14.10.2003, 15:45:01

Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137612_tab.txt

H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer KS

Outrigger width	=	18.7 ft	Outrigger length	=	27.7 ft
Outrigger "A"	X =	12.0 ft	Outrigger "A"	Y =	9.4 ft
Outrigger "B"	X =	12.0 ft	Outrigger "B"	Y =	-9.4 ft
Outrigger "C"	X =	-15.7 ft	Outrigger "C"	Y =	9.4 ft
Outrigger "D"	X =	-15.7 ft	Outrigger "D"	Y =	-9.4 ft

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 40.7 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-0-0 % LK = 1

Counterweight = 55.8 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)					3(90)			
		4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D			
39.4	17.2	49	49	54	54	46	54	50	56(59)	47	56	48	55	
		50	57	47	52(128)	54	54	49	49	57	50	52	47(232)	
45.9	15.4	50	50	52	52	50	52	50	52(59)	50	52	50	52	
		50	52	50	51(127)	52	52	50	50	52	50	51	50(232)	

52.5	14.3	52	52	49	49	54	49	52	48(59)	53	48	53	49
		52	48	53	50(128)	49	49	52	52	48	52	50	53(232)
59.1	13.0	54	54	47	47	57	47	52	45(59)	56	45	55	46
		53	44	56	49(128)	47	47	54	54	44	53	49	56(232)
65.6	12.1	55	55	45	45	61	45	53	41(59)	59	41	57	43
		54	39	59	48(128)	45	45	56	56	39	54	48	59(232)
72.2	11.2	57	57	43	43	58	56	43	42(4)	62	38	59	41
		62	38	59	41(90)	43	43	57	57	38	62	41	59(270)
78.7	10.4	58	58	41	41	62	54	45	38(17)	64	35	61	38
		64	35	61	38(90)	41	41	59	59	34	64	39	61(269)
85.3	9.9	60	60	39	39	67	51	46	34(26)	68	31	64	36
		66	30	65	37(98)	38	38	61	61	30	66	37	65(261)
91.9	9.3	62	62	37	37	71	49	47	30(31)	70	28	66	33
		67	26	68	36(102)	37	37	62	62	26	67	37	68(257)
98.4	8.8	64	64	35	35	75	47	48	27(35)	74	24	68	31
		69	21	71	35(106)	34	34	64	64	21	68	36	72(253)
105.0	8.4	65	65	33	33	79	45	49	23(38)	77	21	71	28
		70	17	75	34(108)	32	32	66	66	17	70	35	75(251)

HA= 40.7 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.4 6.5 6.9 6.9

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 54.5 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-0-45 % LK = 7

Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
39.4	17.2	49	49	54	54	46	54	50	56(59)	47	56	48	55
		50	57	47	52(128)	54	54	49	49	57	50	52	47(232)
45.9	15.9	51	51	51	51	50	51	51	52(59)	50	52	50	51
		51	52	50	51(127)	51	51	51	51	52	51	51	50(232)
52.5	14.6	52	52	49	49	54	49	52	48(59)	54	48	53	49
		52	47	54	50(128)	49	49	52	52	47	52	50	54(232)
59.1	13.7	54	54	47	47	58	47	53	44(59)	57	44	56	45
		53	43	57	49(128)	47	47	54	54	43	53	49	57(232)
65.6	12.6	56	56	45	45	62	45	54	41(59)	60	40	58	43
		60	40	58	43(90)	44	44	56	56	40	60	43	58(270)
72.2	11.7	58	58	42	42	60	56	44	41(9)	63	37	60	40
		63	37	60	40(90)	42	42	58	58	37	63	40	60(270)
78.7	11.0	59	59	40	40	65	53	45	36(21)	66	34	62	37
		65	33	63	38(94)	40	40	60	60	33	65	38	63(265)
85.3	10.4	61	61	38	38	69	51	47	33(28)	69	30	65	35
		67	28	66	37(100)	38	38	61	61	28	66	37	66(259)
91.9	9.7	62	62	36	36	72	49	47	30(32)	71	27	67	33
		68	25	69	36(103)	36	36	63	63	25	68	36	69(256)
98.4	9.0	64	64	35	35	75	47	48	27(35)	74	24	68	31
		69	21	72	35(106)	34	34	64	64	21	69	36	72(253)
105.0	8.6	65	65	33	33	79	45	49	23(38)	77	21	71	28
		70	17	75	34(108)	32	32	66	66	17	70	35	75(251)
111.5	8.2	67	67	31	31	83	43	50	20(40)	80	18	73	26
		71	14	78	34(110)	31	31	68	68	14	71	34	78(249)

118.1 7.7 69 69 29 29 85 43 50 17(39) 82 15 75 24
 72 10 80 33(112) 29 29 69 69 10 72 34 81(247)

HA= 54.5 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.9 6.7 7.5 7.5

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
	4(...)				5(180)						6(...)		
A	B	C	D	A	B	C	D	A	B	C		D	
45.9	15.7	50	50	52	52	50	52	51	52(59)	50	52	50	52
		51	52	50	51(127)	52	52	50	50	52	51	51	50(232)
52.5	14.6	52	52	49	49	54	49	52	48(59)	54	48	53	49
		52	47	54	50(128)	49	49	52	52	47	52	50	54(232)
59.1	13.4	54	54	47	47	58	47	53	44(59)	57	44	55	46
		53	43	57	49(128)	47	47	54	54	43	53	49	57(232)
65.6	12.3	56	56	45	45	61	45	54	41(59)	60	41	57	43
		60	41	57	43(90)	45	45	56	56	41	60	43	57(270)
72.2	11.0	56	56	43	43	63	43	54	39(59)	61	38	59	41
		61	38	59	41(90)	43	43	57	57	38	61	41	59(270)
78.7	10.1	58	58	41	41	61	54	44	39(14)	63	35	60	39
		63	35	60	39(90)	41	41	58	58	35	63	39	60(270)
85.3	9.5	59	59	39	39	65	52	45	35(23)	66	32	63	37
		65	32	63	38(95)	39	39	60	60	31	65	38	63(264)
91.9	8.6	60	60	38	38	68	50	46	33(27)	68	30	64	35
		66	29	65	37(99)	38	38	61	61	28	66	37	65(260)
98.4	7.9	62	62	37	37	71	49	47	30(31)	70	28	65	33
		67	25	68	36(102)	36	36	62	62	25	67	36	68(257)
105.0	7.5	63	63	35	35	74	47	48	27(34)	73	25	67	31
		68	22	71	35(105)	34	34	63	63	22	68	35	71(254)
111.5	7.1	64	64	33	33	77	45	49	24(37)	75	22	69	29
		69	18	73	35(108)	33	33	65	65	18	69	35	73(251)
118.1	6.4	65	65	32	32	79	44	49	22(38)	77	20	71	27
		70	16	75	34(109)	32	32	66	66	16	69	34	75(250)
124.7	6.2	67	67	30	30	82	44	49	19(38)	80	17	73	25
		71	12	78	33(111)	30	30	67	67	12	70	34	78(248)
131.2	5.7	68	68	29	29	85	43	49	17(39)	82	15	75	23
		72	9	80	32(112)	28	28	69	69	9	71	33	80(247)

HA= 68.6 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.9 6.6 7.4 7.5

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-100 % LK = 14
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.		
	1(0)				2(...)					3(90)	
	4(...)				5(180)						6(...)
A	B	C	D	A	B	C	D	A	B	C	

45.9	14.8	50	50	52	52	48	52	50	53(59)	49	53	49	52
		50	53	49	51(128)	52	52	50	50	53	50	51	49(232)
52.5	13.2	51	51	50	50	51	50	51	50(59)	51	49	51	50
		51	49	51	50(127)	50	50	51	51	49	51	50	51(232)
59.1	11.9	52	52	48	48	54	48	51	47(59)	54	46	53	47
		52	46	54	49(128)	48	48	52	52	46	52	49	54(232)
65.6	10.8	53	53	46	46	57	46	52	44(59)	56	43	55	45
		52	42	56	49(128)	46	46	54	54	42	52	49	56(232)
72.2	9.7	54	54	45	45	59	45	53	41(59)	58	41	56	43
		53	39	58	48(128)	44	44	55	55	39	53	48	58(232)
78.7	8.8	56	56	43	43	62	43	53	39(59)	60	38	58	41
		60	38	58	41(90)	43	43	56	56	38	60	41	58(270)
85.3	8.2	57	57	41	41	60	54	44	39(12)	62	35	60	39
		62	35	60	39(90)	41	41	57	57	35	62	39	60(270)
91.9	7.5	58	58	40	40	63	52	45	36(20)	65	33	61	37
		64	32	62	38(93)	39	39	59	59	32	64	38	62(266)
98.4	6.8	59	59	38	38	66	51	45	34(25)	66	31	63	35
		65	29	64	37(97)	38	38	60	60	29	65	37	64(262)
105.0	6.4	61	61	37	37	69	49	46	31(30)	69	28	65	33
		66	26	67	36(101)	36	36	61	61	26	66	36	67(258)
111.5	6.0	62	62	35	35	72	47	47	28(33)	71	25	66	32
		67	23	69	35(104)	35	35	62	62	23	67	35	69(255)
118.1	5.5	63	63	34	34	75	45	48	25(36)	73	23	68	30
		68	20	71	34(106)	33	33	64	64	20	68	35	71(253)
124.7	5.1	64	64	32	32	77	45	48	23(37)	75	21	69	28
		69	17	73	34(108)	32	32	65	65	17	68	34	73(251)
131.2	4.9	66	66	31	31	81	42	50	20(40)	78	18	71	26
		70	13	76	33(110)	30	30	66	66	13	70	34	76(249)
137.8	4.4	67	67	29	29	83	43	49	18(38)	80	16	73	24
		71	11	78	32(111)	29	29	67	67	11	70	33	78(248)

 HA= 70.2 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.3 7.3

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 82.3 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-45-90 % LK = 20

Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
45.9	15.7	51	51	51	51	50	51	51	51(59)	51	52	51	51
		51	52	50	51(127)	51	51	51	51	52	51	51	50(232)
52.5	14.8	53	53	49	49	55	49	52	47(59)	55	47	54	48
		52	47	54	50(128)	49	49	53	53	47	52	50	54(232)
59.1	13.7	55	55	46	46	59	47	53	43(59)	58	43	56	45
		54	42	58	49(128)	46	46	55	55	42	54	49	58(232)
65.6	12.8	57	57	44	44	63	44	54	40(59)	61	39	59	42
		61	39	59	42(90)	44	44	57	57	39	61	42	59(270)
72.2	11.7	58	58	42	42	61	55	44	40(12)	63	36	60	40
		63	36	60	40(90)	42	42	58	58	36	63	40	60(270)
78.7	10.8	60	60	40	40	65	53	46	36(22)	66	33	62	37
		65	33	63	38(94)	40	40	60	60	32	65	38	63(265)

85.3	9.9	61	61	39	39	68	51	46	33(27)	68	31	64	35
		66	29	66	37(99)	38	38	61	61	29	66	37	66(260)
91.9	9.3	62	62	37	37	72	49	47	30(32)	71	28	66	33
		67	25	69	36(103)	36	36	62	62	25	67	37	69(256)
98.4	8.6	63	63	35	35	75	47	48	27(35)	73	25	68	31
		69	22	71	35(105)	35	35	64	64	22	68	36	71(254)
105.0	7.9	65	65	34	34	77	45	49	25(37)	75	22	69	29
		69	19	73	35(107)	33	33	65	65	19	69	35	73(252)
111.5	7.5	66	66	32	32	80	44	50	22(39)	78	20	71	27
		71	16	76	34(109)	31	31	67	67	15	70	34	76(250)
118.1	7.1	67	67	30	30	83	44	49	19(38)	80	17	73	25
		71	12	78	33(111)	30	30	68	68	12	71	34	78(248)
124.7	6.6	69	69	29	29	86	43	50	17(39)	82	14	75	23
		73	9	81	32(112)	28	28	69	69	9	72	33	81(247)
131.2	6.2	70	70	27	27	88	41	50	15(40)	85	12	77	21
		76	7	82	29(108)	27	27	71	71	7	76	30	82(251)
137.8	6.0	72	72	25	25	92	40	51	11(41)	88	9	79	19
		78	3	85	28(109)	25	25	72	72	3	77	29	85(250)
144.4	5.3	72	72	24	24	93	39	51	10(42)	89	7	80	18
		78	2	86	28(110)	24	24	73	73	2	77	28	86(249)

HA= 82.3 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.2 8.0 8.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 84.0 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-45-100 % LK = 21

Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	15.0	50	50	52	52	49	52	50	52(59)	49	52	50	52
		50	52	49	51(127)	52	52	50	50	52	50	51	49(232)
52.5	13.4	51	51	49	49	52	50	51	49(59)	52	49	52	49
		51	49	52	50(127)	49	49	52	52	49	51	50	52(232)
59.1	12.3	53	53	47	47	56	47	52	45(59)	55	45	54	47
		52	44	55	49(128)	47	47	53	53	44	52	49	55(232)
65.6	11.2	54	54	45	45	59	45	53	43(59)	58	42	56	44
		53	41	58	48(128)	45	45	55	55	41	53	48	58(232)
72.2	10.4	56	56	43	43	62	44	54	39(59)	60	39	58	42
		60	39	58	42(90)	43	43	56	56	39	60	42	58(270)
78.7	9.3	57	57	42	42	58	55	43	41(8)	62	37	59	40
		62	37	59	40(90)	42	42	57	57	37	62	40	59(270)
85.3	8.6	58	58	40	40	63	53	45	37(19)	65	34	61	38
		64	33	62	38(92)	40	40	59	59	33	64	38	62(267)
91.9	7.9	60	60	39	39	66	51	45	34(25)	67	31	63	36
		65	30	64	37(97)	38	38	60	60	30	65	37	64(262)
98.4	7.5	61	61	37	37	70	49	46	31(30)	69	28	65	33
		67	26	67	36(102)	36	36	62	62	26	66	37	67(257)
105.0	6.8	62	62	35	35	72	47	47	28(33)	71	26	66	32
		67	23	69	35(104)	35	35	63	63	23	67	36	69(255)
111.5	6.4	63	63	34	34	75	46	48	25(36)	74	23	68	30
		68	20	72	35(107)	33	33	64	64	20	68	35	72(252)

118.1	6.0	65	65	32	32	78	44	49	23(38)	76	21	70	28
		69	17	74	34(108)	32	32	65	65	17	69	34	74(251)
124.7	5.5	66	66	31	31	81	43	49	21(39)	78	18	71	26
		70	14	76	34(110)	30	30	67	67	14	70	34	76(249)
131.2	5.3	67	67	29	29	84	43	49	18(39)	81	15	74	24
		72	11	79	32(111)	29	29	68	68	10	71	33	79(248)
137.8	4.9	69	69	28	28	86	41	50	16(40)	83	13	75	22
		75	9	80	30(108)	27	27	69	69	8	74	30	80(251)
144.4	4.6	70	70	26	26	89	40	50	13(41)	85	10	77	20
		76	5	83	29(109)	26	26	71	71	5	75	29	83(250)
150.9	4.4	72	72	24	24	93	39	51	10(42)	88	7	79	18
		77	2	86	28(110)	24	24	73	73	2	77	28	86(249)

HA= 84.0 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.1 7.9 8.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 96.5 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-90-90 % LK = 28

Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
52.5	14.6	53	53	49	49	55	49	52	47(59)	55	47	54	48
		52	46	54	50(128)	49	49	53	53	46	52	50	54(232)
59.1	13.7	55	55	46	46	60	46	53	43(59)	58	43	56	45
		54	41	58	49(128)	46	46	55	55	41	54	49	58(232)
65.6	12.8	57	57	44	44	63	44	54	39(59)	62	39	59	42
		62	39	59	42(90)	43	43	57	57	39	62	42	59(270)
72.2	11.9	59	59	41	41	62	54	45	39(16)	65	35	61	39
		65	35	61	39(90)	41	41	59	59	35	65	39	61(270)
78.7	11.0	60	60	39	39	67	52	46	35(25)	67	32	63	37
		66	31	64	38(96)	39	39	60	60	31	66	38	65(263)
85.3	10.1	62	62	38	38	70	50	47	32(29)	70	29	65	34
		67	27	67	37(101)	37	37	62	62	27	67	37	67(258)
91.9	9.5	63	63	36	36	73	48	48	29(33)	72	26	67	32
		68	24	70	36(104)	36	36	63	63	24	68	36	70(255)
98.4	9.0	65	65	34	34	77	46	49	25(37)	75	23	69	30
		70	20	73	35(107)	34	34	65	65	19	69	35	73(252)
105.0	8.4	66	66	32	32	80	45	49	22(38)	78	20	71	28
		71	16	76	34(109)	32	32	66	66	16	70	35	76(250)
111.5	7.9	68	68	31	31	83	43	50	20(40)	80	17	73	25
		71	13	78	34(111)	30	30	68	68	13	71	34	78(248)
118.1	7.5	69	69	29	29	86	43	50	17(39)	83	15	75	23
		73	9	81	33(112)	28	28	69	69	9	72	33	81(247)
124.7	7.1	70	70	27	27	89	42	50	14(40)	85	12	77	21
		77	7	82	29(108)	27	27	71	71	7	76	30	83(251)
131.2	6.6	72	72	26	26	92	40	51	12(41)	88	9	79	19
		78	4	85	28(109)	25	25	72	72	4	77	29	85(250)
137.8	5.7	72	72	25	25	92	40	51	11(41)	88	9	79	19
		78	3	85	28(109)	25	25	72	72	3	77	29	85(250)
144.4	5.1	72	72	25	25	93	39	51	10(42)	88	8	79	18
		78	2	86	28(110)	24	24	73	73	2	77	28	86(249)

150.9 4.4 72 72 24 24 93 38 51 9(42) 89 7 80 17
 78 1 86 27(110) 23 23 73 73 1 77 28 87(249)
 157.5 3.7 73 73 24 24 94 38 51 9(42) 89 6 80 17
 78 0 87 27(110) 23 23 73 73 0 77 27 87(249)

 HA= 96.5 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.2 8.1 8.1

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		6(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
52.5	13.4	52	52	49	49	53	49	51	49(59)	53	48	52	49	
		51	48	53	50(128)	49	49	52	52	48	51	50	53(232)	
59.1	12.3	53	53	47	47	57	47	52	45(59)	56	45	54	46	
		52	44	56	49(128)	47	47	54	54	44	52	49	56(232)	
65.6	11.2	55	55	45	45	60	45	53	42(59)	58	41	56	44	
		53	40	58	48(128)	45	45	55	55	40	53	48	58(232)	
72.2	10.4	56	56	43	43	63	43	54	39(59)	61	38	58	41	
		61	38	58	41(90)	43	43	57	57	38	61	41	58(270)	
78.7	9.7	58	58	41	41	62	54	45	38(16)	64	35	61	39	
		64	35	61	39(90)	41	41	58	58	35	64	39	61(270)	
85.3	9.0	60	60	39	39	66	52	45	35(24)	67	32	63	36	
		65	31	64	37(96)	39	39	60	60	31	65	38	64(263)	
91.9	8.4	61	61	37	37	69	50	46	32(29)	69	29	65	34	
		66	27	67	37(101)	37	37	61	61	27	66	37	67(258)	
98.4	7.9	63	63	35	35	73	48	47	28(33)	72	26	67	32	
		68	23	70	35(104)	35	35	63	63	23	68	36	70(255)	
105.0	7.3	64	64	34	34	76	46	48	26(36)	74	24	68	30	
		69	20	72	35(106)	34	34	64	64	20	68	35	72(253)	
111.5	6.8	65	65	32	32	79	45	49	23(38)	76	21	70	28	
		70	17	74	34(108)	32	32	66	66	17	69	34	75(251)	
118.1	6.4	66	66	31	31	82	43	50	20(40)	79	18	72	26	
		71	14	77	34(110)	30	30	67	67	14	70	34	77(249)	
124.7	6.0	68	68	30	30	84	43	49	18(39)	81	16	74	24	
		72	11	79	33(111)	29	29	68	68	11	71	33	79(248)	
131.2	5.7	69	69	28	28	87	41	50	15(40)	84	13	76	22	
		76	8	81	30(108)	27	27	70	70	8	75	30	81(251)	
137.8	5.3	71	71	26	26	90	40	51	13(41)	86	10	77	20	
		77	5	83	29(109)	26	26	71	71	5	76	29	83(250)	
144.4	5.1	72	72	24	24	93	39	51	10(42)	88	7	80	18	
		78	2	86	28(110)	24	24	73	73	2	77	28	86(249)	
150.9	4.4	72	72	24	24	94	38	51	9(42)	89	7	80	17	
		78	1	86	27(110)	23	23	73	73	0	78	28	87(249)	
157.5	3.7	73	73	24	24	94	38	51	9(42)	89	6	80	17	
		78	0	87	27(110)	23	23	73	73	0	77	27	87(249)	
164.0	3.1	73	73	23	23	94	38	51	8(42)	90	5	80	16	
		78	0	88	26(110)	22	22	73	73	0	77	26	88(249)	

 HA=100.4 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.2 8.1 8.2

 Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)					3(90)			
		4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D			
59.1	13.7	56	56	45	45	61	46	54	42(59)	59	42	57	44	
		54	40	59	49(128)	45	45	56	56	40	54	49	59(232)	
65.6	12.8	58	58	43	43	59	56	44	42(6)	63	38	60	41	
		63	38	60	41(90)	43	43	58	58	38	63	41	60(270)	
72.2	12.1	60	60	41	41	65	53	46	37(21)	66	34	63	38	
		66	33	63	39(94)	40	40	60	60	33	65	39	63(265)	
78.7	11.5	62	62	38	38	70	51	47	32(29)	70	30	65	35	
		67	28	67	37(100)	38	38	62	62	28	67	37	67(259)	
85.3	10.6	63	63	36	36	73	49	48	29(33)	72	27	67	33	
		68	24	70	36(104)	36	36	63	63	24	68	37	70(255)	
91.9	9.9	65	65	34	34	77	47	49	26(36)	75	24	69	30	
		70	20	73	35(107)	34	34	65	65	20	69	36	73(252)	
98.4	9.3	66	66	33	33	80	45	50	23(38)	78	21	71	28	
		71	17	76	35(109)	32	32	67	67	17	70	35	76(250)	
105.0	8.8	68	68	31	31	84	43	51	19(41)	81	17	74	25	
		72	13	79	34(111)	30	30	68	68	13	71	34	79(248)	
111.5	8.4	70	70	29	29	87	43	50	17(40)	84	14	76	23	
		76	9	81	31(108)	28	28	70	70	9	75	31	81(251)	
118.1	7.9	71	71	27	27	91	41	51	13(41)	87	11	78	21	
		77	6	84	29(109)	26	26	72	72	6	77	30	84(250)	
124.7	7.1	72	72	26	26	91	41	51	12(41)	87	10	79	20	
		78	4	85	29(109)	26	26	72	72	4	77	29	85(250)	
131.2	6.2	72	72	25	25	92	39	52	11(42)	88	9	79	19	
		77	3	85	29(110)	25	25	72	72	3	77	29	86(249)	
137.8	5.3	72	72	25	25	92	39	51	11(42)	88	8	79	18	
		77	2	85	28(110)	24	24	73	73	2	77	29	86(249)	
144.4	4.6	72	72	24	24	93	39	51	10(42)	89	7	80	17	
		78	1	86	28(110)	24	24	73	73	1	77	28	86(249)	
150.9	4.0	73	73	24	24	94	38	51	9(42)	89	6	80	17	
		78	0	87	27(110)	23	23	73	73	0	78	28	87(249)	
157.5	3.1	72	72	24	24	93	38	51	9(42)	88	6	80	17	
		78	0	86	27(110)	23	23	73	73	0	77	28	86(249)	
164.0	2.4	72	72	24	24	93	38	51	9(42)	89	6	80	17	
		78	0	86	27(110)	23	23	73	73	0	77	27	86(249)	

 HA=110.2 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.2 8.0 8.1

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 114.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)					3(90)			

	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	12.6	54	54	46	46	58	47	53	44(59)	57	43	56	45
		53	42	57	49(128)	46	46	54	54	42	53	49	57(232)
65.6	11.5	56	56	44	44	61	45	54	41(59)	60	40	58	43
		60	40	58	43(90)	44	44	56	56	40	60	43	58(270)
72.2	10.6	57	57	42	42	59	55	44	41(9)	63	37	60	40
		63	37	60	40(90)	42	42	58	58	37	63	40	60(270)
78.7	9.9	59	59	40	40	64	53	45	36(21)	66	33	62	37
		65	32	63	38(94)	40	40	60	60	32	65	38	63(265)
85.3	9.3	61	61	38	38	69	50	46	32(28)	69	30	64	35
		66	28	66	37(100)	38	38	61	61	28	66	37	66(259)
91.9	8.6	62	62	36	36	72	49	47	29(32)	71	27	66	33
		68	24	69	36(103)	36	36	63	63	24	67	36	69(256)
98.4	8.2	64	64	34	34	76	46	49	26(36)	74	24	69	30
		69	20	72	35(107)	34	34	64	64	20	68	36	72(252)
105.0	7.7	66	66	32	32	80	45	49	23(38)	77	21	71	28
		70	17	75	34(109)	32	32	66	66	16	70	35	75(250)
111.5	7.3	67	67	31	31	83	43	50	20(40)	80	17	73	25
		71	13	78	34(111)	30	30	68	68	13	71	34	78(248)
118.1	6.8	69	69	29	29	86	43	50	17(39)	82	15	75	23
		72	10	80	33(112)	28	28	69	69	9	72	33	81(247)
124.7	6.4	70	70	27	27	88	42	50	15(40)	85	12	77	21
		76	7	82	29(108)	27	27	71	71	7	76	30	82(251)
131.2	6.0	71	71	26	26	91	40	51	12(41)	87	10	78	19
		77	4	84	28(109)	25	25	72	72	4	77	29	84(250)
137.8	5.3	72	72	25	25	92	39	51	11(42)	88	8	79	18
		77	2	85	28(110)	24	24	73	73	2	77	29	86(249)
144.4	4.6	72	72	24	24	93	39	51	10(42)	89	7	80	17
		78	1	86	28(110)	24	24	73	73	1	77	28	86(249)
150.9	4.0	73	73	24	24	94	38	51	9(42)	89	6	80	17
		78	0	87	27(110)	23	23	73	73	0	78	28	87(249)
157.5	3.1	72	72	24	24	93	38	51	9(42)	88	6	80	17
		78	0	86	27(110)	23	23	73	73	0	77	28	86(249)
164.0	2.4	72	72	24	24	93	38	51	9(42)	88	6	80	17
		78	0	86	27(110)	23	23	73	73	0	77	27	86(249)

HA=114.5 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.2 8.0 8.1

Main boom and fixed jib (jib angle 20.0 degrees)
Length of main boom = 124.3 ft Length of jib = 82.0 ft
Main boom sequence = 0-0-0-90-90-90 % LK = 45
Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(90)						
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	13.4	56	56	45	45	61	45	54	42(59)	60	41	58	43
		60	41	58	43(90)	45	45	56	56	41	60	43	58(270)
65.6	12.8	58	58	42	42	61	56	45	41(11)	64	37	61	40
		64	37	61	40(90)	42	42	58	58	37	64	40	61(270)
72.2	12.1	60	60	40	40	67	52	46	35(24)	67	33	63	37
		66	32	64	38(96)	40	40	61	61	32	66	38	65(263)

78.7	11.5	62	62	37	37	71	50	48	31(31)	71	29	66	34
		68	27	68	37(102)	37	37	63	63	26	68	37	69(257)
85.3	10.8	64	64	35	35	76	48	49	27(35)	74	25	69	31
		69	22	72	36(106)	35	35	65	65	22	69	36	72(253)
91.9	10.1	66	66	33	33	80	45	50	24(38)	77	22	71	29
		71	18	75	35(108)	33	33	66	66	18	70	35	75(251)
98.4	9.7	68	68	31	31	84	43	51	20(40)	81	18	74	26
		72	13	79	34(111)	31	31	68	68	13	71	35	79(248)
105.0	9.0	69	69	29	29	86	43	50	17(39)	83	15	75	24
		73	10	81	33(112)	29	29	70	70	10	73	34	81(247)
111.5	8.6	71	71	27	27	90	41	51	14(41)	86	12	78	21
		77	7	84	30(109)	27	27	72	72	6	77	30	84(250)
118.1	7.7	72	72	26	26	91	41	51	13(41)	88	10	79	20
		78	5	85	29(109)	26	26	72	72	5	77	29	85(250)
124.7	6.6	72	72	26	26	91	40	51	12(41)	88	9	79	19
		78	4	85	28(109)	25	25	72	72	4	77	29	85(250)
131.2	5.7	72	72	25	25	92	39	52	11(42)	88	9	79	19
		77	3	85	28(110)	25	25	73	73	3	77	29	86(249)
137.8	5.1	73	73	24	24	94	39	51	10(42)	89	7	80	17
		78	1	86	28(110)	24	24	73	73	1	78	28	87(249)
144.4	4.2	72	72	24	24	93	39	51	9(42)	89	7	80	17
		78	1	86	27(110)	23	23	73	73	1	77	28	86(249)
150.9	3.3	72	72	24	24	93	38	51	9(42)	88	7	79	17
		78	1	86	27(110)	23	23	73	73	1	77	28	86(249)
157.5	2.6	72	72	24	24	93	38	51	9(42)	89	6	80	17
		78	0	86	27(110)	23	23	73	73	0	77	28	86(249)

 HA=124.3 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.2 8.0 8.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 130.9 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-100-100-100 % LK = 46

Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
65.6	11.5	56	56	44	44	63	44	54	40(59)	61	39	58	42
		61	39	58	42(90)	43	43	57	57	39	61	42	58(270)
72.2	10.8	58	58	41	41	62	54	45	39(16)	64	35	61	39
		64	35	61	39(90)	41	41	59	59	35	64	39	61(270)
78.7	10.1	60	60	39	39	67	51	46	34(26)	68	31	64	36
		66	30	65	38(98)	39	39	61	61	30	66	38	65(261)
85.3	9.5	62	62	37	37	71	49	47	30(31)	71	28	66	33
		68	26	68	36(102)	37	37	62	62	26	67	37	68(257)
91.9	8.8	64	64	35	35	75	47	48	27(35)	73	25	68	31
		69	22	71	36(106)	35	35	64	64	22	68	36	71(253)
98.4	8.4	65	65	33	33	79	45	49	24(38)	77	21	71	28
		70	18	75	34(108)	33	33	66	66	17	70	35	75(251)
105.0	7.9	67	67	31	31	83	43	50	20(40)	80	18	73	26
		72	14	78	34(110)	31	31	68	68	13	71	34	78(249)
111.5	7.5	69	69	29	29	86	43	50	17(39)	83	15	75	23
		73	10	81	33(112)	29	29	69	69	10	72	33	81(247)

118.1	7.1	71	71	27	27	89	42	50	15(40)	85	12	77	21
		77	7	82	29(108)	27	27	71	71	7	76	30	83(251)
124.7	6.6	72	72	26	26	92	40	51	12(41)	88	9	79	19
		78	4	85	28(109)	25	25	72	72	4	77	29	85(250)
131.2	5.7	72	72	25	25	93	39	52	11(42)	88	8	79	18
		78	2	86	28(110)	24	24	73	73	2	77	29	86(249)
137.8	5.1	73	73	24	24	94	39	52	9(42)	90	7	80	17
		78	1	87	28(110)	23	23	73	73	1	78	28	87(249)
144.4	4.2	73	73	24	24	94	38	51	9(42)	89	6	80	17
		78	0	87	27(110)	23	23	73	73	0	78	28	87(249)
150.9	3.3	72	72	24	24	93	38	51	9(42)	89	6	80	17
		78	0	86	27(110)	23	23	73	73	0	77	28	86(249)
157.5	2.6	72	72	23	23	94	38	51	9(42)	89	6	80	17
		78	0	87	27(110)	22	22	73	73	0	77	27	87(249)

 HA=130.9 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.2 8.0 8.1

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 138.1 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-45-90-90-90 % LK = 54

Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B		C		D		
65.6	12.6	59	59	42	42	62	55	45	39(15)	65	36	61	39
		65	36	61	39(90)	42	42	59	59	36	65	39	61(270)
72.2	12.1	61	61	39	39	69	52	47	34(27)	69	31	65	36
		67	30	66	38(99)	39	39	62	62	30	67	38	66(260)
78.7	11.5	63	63	37	37	74	49	48	29(33)	73	27	67	33
		69	24	70	37(104)	36	36	64	64	24	68	37	70(255)
85.3	10.8	65	65	34	34	78	46	50	25(37)	76	23	70	30
		70	20	74	35(107)	34	34	66	66	20	70	36	74(252)
91.9	10.4	68	68	32	32	83	44	51	21(40)	80	19	73	27
		72	15	78	34(110)	32	32	68	68	15	71	35	78(249)
98.4	9.9	70	70	29	29	87	44	50	18(39)	84	15	76	24
		74	10	82	33(112)	29	29	70	70	10	73	34	82(247)
105.0	9.3	71	71	28	28	90	42	52	14(41)	86	12	78	21
		77	7	84	30(109)	27	27	72	72	7	77	31	84(250)
111.5	8.2	72	72	27	27	91	41	51	13(41)	87	11	78	20
		78	5	84	29(109)	26	26	72	72	5	77	30	85(250)
118.1	7.1	72	72	26	26	92	41	51	12(41)	88	10	79	19
		78	4	85	29(109)	25	25	72	72	4	77	29	85(250)
124.7	6.2	72	72	25	25	93	39	52	11(42)	89	8	80	18
		78	2	86	28(110)	24	24	73	73	2	77	29	86(249)
131.2	5.3	73	73	24	24	94	39	52	10(42)	89	7	80	18
		78	1	86	28(110)	24	24	73	73	1	78	28	87(249)
137.8	4.4	73	73	24	24	94	39	51	9(42)	89	6	80	17
		78	0	87	27(110)	23	23	73	73	0	78	28	87(249)
144.4	3.5	72	72	24	24	94	38	51	9(42)	89	6	80	17
		78	0	86	27(110)	23	23	73	73	0	78	28	87(249)
150.9	2.6	72	72	24	24	93	38	51	9(42)	89	6	80	17
		78	0	86	27(110)	23	23	73	73	0	77	28	86(249)

HA=138.1 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.2 8.0 8.1

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 145.0 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-45-100-100-100 % LK = 55

Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.			
	1(0)		2(...)				3(90)									
	4(...)		5(180)				6(...)									
A	B	C	D	A	B	C	D	A	B	C	D					
65.6	11.7	58	58	43	43	59	56	44	41	(8)	63	37	60	41		
		63	37	60	41	(90)	42	42	58	58	37	63	41	60	(270)	
72.2	10.8	59	59	40	40	65	53	45	37	(21)	66	34	62	38		
		65	33	63	38	(93)	40	40	60	60	33	65	38	63	(266)	
78.7	10.1	61	61	38	38	69	50	47	32	(29)	69	30	65	35		
		67	28	67	37	(100)	38	38	62	62	28	67	37	67	(259)	
85.3	9.5	63	63	36	36	74	48	48	28	(33)	73	26	67	32		
		69	24	70	36	(104)	35	35	63	63	23	68	36	70	(255)	
91.9	9.0	65	65	34	34	78	46	49	24	(37)	76	22	70	29		
		70	19	74	35	(108)	33	33	65	65	19	69	35	74	(251)	
98.4	8.6	67	67	31	31	82	43	50	21	(40)	80	19	73	26		
		71	14	77	34	(110)	31	31	68	68	14	71	34	78	(249)	
105.0	8.2	69	69	29	29	86	43	50	17	(39)	83	15	75	24		
		73	10	81	33	(112)	29	29	69	69	10	72	34	81	(247)	
111.5	7.7	71	71	27	27	90	41	51	14	(41)	86	12	78	21		
		77	7	83	30	(109)	27	27	71	71	6	76	30	83	(250)	
118.1	7.1	72	72	26	26	92	41	51	12	(41)	88	9	79	19		
		78	4	85	28	(109)	25	25	73	73	4	78	29	85	(250)	
124.7	6.2	73	73	25	25	93	39	52	10	(42)	89	8	80	18		
		78	2	86	28	(110)	24	24	73	73	2	78	29	86	(249)	
131.2	5.3	73	73	24	24	94	39	52	9	(42)	89	7	80	17		
		78	1	87	28	(110)	24	24	73	73	1	78	28	87	(249)	
137.8	4.2	72	72	24	24	93	39	51	10	(42)	89	7	80	17		
		78	1	86	28	(110)	24	24	73	73	1	77	28	86	(249)	
144.4	3.3	72	72	24	24	93	38	51	9	(42)	88	7	79	17		
		78	1	86	27	(110)	23	23	73	73	1	77	28	86	(249)	
150.9	2.6	72	72	23	23	93	38	51	9	(42)	89	6	80	17		
		78	0	86	27	(110)	23	23	73	73	0	77	27	87	(249)	

HA=145.0 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.2 8.0 8.1

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 152.2 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-90-90-90-90 % LK = 62

Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.			
	1(0)		2(...)				3(90)									
	4(...)		5(180)				6(...)									
A	B	C	D	A	B	C	D	A	B	C	D					
72.2	11.9	62	62	38	38	70	51	47	33	(29)	70	30	65	35		
		67	28	67	37	(100)	38	38	62	62	28	67	38	67	(259)	

78.7	11.2	64	64	36	36	75	48	49	28(34)	74	26	68	32
		69	23	71	36(105)	36	36	64	64	23	69	37	71(254)
85.3	10.8	67	67	33	33	80	46	50	24(38)	78	22	71	28
		71	18	76	35(109)	33	33	67	67	18	71	35	76(250)
91.9	10.4	69	69	31	31	85	45	50	20(38)	82	17	75	25
		73	13	80	34(111)	30	30	69	69	13	72	34	80(248)
98.4	9.9	71	71	28	28	89	43	51	15(40)	86	13	77	22
		77	8	83	30(108)	28	28	71	71	8	77	31	83(251)
105.0	9.0	72	72	27	27	92	41	52	13(41)	88	11	79	20
		78	5	85	29(109)	26	26	73	73	5	78	30	85(250)
111.5	7.7	72	72	26	26	92	41	51	12(41)	88	10	79	19
		78	4	85	29(109)	26	26	73	73	4	78	29	85(250)
118.1	6.4	72	72	26	26	92	40	51	12(41)	88	9	79	19
		78	4	85	28(109)	25	25	72	72	4	77	29	85(250)
124.7	5.5	72	72	25	25	93	39	52	10(42)	88	8	80	18
		78	2	86	28(110)	24	24	73	73	2	77	29	86(249)
131.2	4.4	72	72	25	25	93	39	51	10(42)	88	8	79	18
		78	2	86	28(110)	24	24	73	73	2	77	28	86(249)
137.8	3.5	72	72	24	24	93	38	51	10(42)	88	7	79	17
		78	1	86	28(110)	24	24	73	73	1	77	28	86(249)
144.4	2.9	72	72	23	23	94	38	51	9(42)	89	6	80	17
		78	0	87	27(110)	23	23	73	73	0	77	27	87(249)

 HA=152.2 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.2 8.0 8.1

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 161.4 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-100-100-100-100 % LK = 63

Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
72.2	10.8	60	60	39	39	67	52	46	35(25)	67	32	63	36
		66	31	65	38(97)	39	39	61	61	31	66	38	65(262)
78.7	10.1	62	62	37	37	72	49	47	30(31)	71	28	66	34
		68	26	69	37(103)	37	37	63	63	26	67	37	69(256)
85.3	9.7	65	65	34	34	77	47	49	26(36)	75	24	69	30
		69	21	73	35(107)	34	34	65	65	20	69	36	73(252)
91.9	9.0	67	67	32	32	81	44	50	22(39)	78	20	72	28
		71	16	76	34(109)	32	32	67	67	16	71	35	76(250)
98.4	8.6	69	69	30	30	85	44	50	19(39)	82	16	74	24
		73	12	80	33(111)	30	30	69	69	11	72	34	80(248)
105.0	8.2	71	71	28	28	89	42	51	15(40)	85	13	77	22
		77	8	82	30(108)	27	27	71	71	8	76	30	82(251)
111.5	7.3	71	71	26	26	91	41	51	13(41)	87	11	78	20
		77	5	84	29(109)	26	26	72	72	5	77	30	84(250)
118.1	6.2	71	71	26	26	91	40	51	12(41)	87	9	78	19
		78	4	84	28(109)	25	25	72	72	4	77	29	85(250)
124.7	5.1	71	71	25	25	91	40	51	11(41)	87	9	78	19
		78	4	84	28(109)	25	25	72	72	3	77	29	85(250)
131.2	4.2	72	72	25	25	92	39	51	11(42)	88	8	79	18
		77	2	85	28(110)	24	24	72	72	2	77	29	85(249)

137.8 3.3 72 72 24 24 92 38 51 10(42) 88 7 79 18
 77 2 85 28(110) 24 24 72 72 1 77 28 86(249)
 144.4 2.4 71 71 24 24 92 38 51 10(42) 88 7 79 17
 77 1 85 28(110) 23 23 72 72 1 77 28 86(249)

 HA=161.4 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.1 7.9 7.9

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		6(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
72.2	11.7	63	63	37	37	72	50	48	31(31)	71	29	66	34	
		68	27	69	37(102)	37	37	63	63	26	68	37	69(257)	
78.7	11.2	65	65	35	35	78	47	49	26(36)	76	24	70	30	
		70	21	73	36(107)	34	34	65	65	21	70	36	74(252)	
85.3	10.8	68	68	32	32	83	44	51	21(40)	80	19	73	27	
		72	15	78	34(110)	32	32	68	68	15	72	35	78(249)	
91.9	10.4	70	70	29	29	88	43	51	17(40)	84	15	76	23	
		74	10	82	33(112)	29	29	71	71	10	73	34	82(247)	
98.4	9.0	71	71	28	28	89	43	51	15(40)	86	13	77	22	
		77	8	82	30(108)	28	28	71	71	8	77	30	83(251)	
105.0	7.7	71	71	27	27	90	41	51	14(41)	86	12	78	21	
		77	6	83	30(109)	27	27	71	71	6	76	30	84(250)	
111.5	6.4	71	71	27	27	90	41	51	13(41)	86	11	78	20	
		77	6	84	29(109)	26	26	71	71	5	76	30	84(250)	
118.1	5.3	71	71	26	26	91	40	51	12(41)	87	10	78	19	
		77	4	84	28(109)	25	25	72	72	4	77	29	84(250)	
124.7	4.2	71	71	26	26	91	40	50	12(41)	87	9	78	19	
		77	4	84	28(109)	25	25	72	72	4	76	29	84(250)	
131.2	3.3	71	71	25	25	91	39	51	11(42)	87	8	78	18	
		77	2	85	28(110)	24	24	72	72	2	76	29	85(249)	
137.8	2.4	71	71	24	24	92	38	51	10(42)	87	7	78	18	
		77	2	85	28(110)	24	24	72	72	2	76	28	85(249)	

 HA=166.0 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.1 7.9 7.9

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 175.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		6(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
78.7	10.1	63	63	36	36	74	48	48	28(34)	73	26	68	32	
		69	23	71	36(105)	35	35	64	64	23	68	36	71(254)	
85.3	9.7	66	66	33	33	80	45	50	24(38)	77	22	71	28	
		70	18	75	35(109)	33	33	66	66	18	70	35	75(250)	

91.9	9.3	68	68	31	31	84	45	50	20(38)	81	17	74	25
		72	13	79	34(111)	30	30	69	69	13	72	34	79(248)
98.4	8.6	70	70	28	28	88	43	51	16(40)	84	14	77	23
		76	9	82	30(108)	28	28	71	71	9	76	31	82(251)
105.0	7.3	70	70	28	28	89	42	50	15(40)	85	13	77	22
		77	8	82	30(108)	27	27	71	71	7	76	30	82(251)
111.5	6.0	70	70	27	27	89	41	50	14(40)	85	12	77	21
		77	7	82	29(108)	27	27	71	71	7	76	30	82(251)
118.1	4.9	70	70	26	26	89	40	50	13(41)	85	11	77	20
		76	6	83	29(109)	26	26	71	71	5	76	30	83(250)
124.7	4.0	71	71	26	26	90	40	50	12(41)	86	9	78	19
		77	4	84	28(109)	25	25	71	71	4	76	29	84(250)
131.2	2.9	70	70	26	26	90	40	50	12(41)	86	9	77	19
		76	4	83	28(109)	25	25	71	71	4	76	29	83(250)

HA=175.5 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.4 7.1 7.8 7.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 180.1 ft Length of jib = 82.0 ft

Main boom sequence = 0-90-90-90-90-90 % LK = 73

Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		6(...)		
		4(...)		5(180)		6(...)				
		A	B	C	D	A	B	C	D	
78.7	11.0	66	66	34	34	79	46	50	25(37)	77 23 71 29
		71	19	75	35(108)	34	34	66	66	19 70 36 75(251)
85.3	10.6	69	69	31	31	85	43	52	20(41)	82 18 74 26
		73	13	79	34(111)	31	31	69	69	13 72 35 80(248)
91.9	9.5	70	70	29	29	87	44	50	17(39)	84 15 76 23
		74	10	82	33(112)	29	29	70	70	10 73 34 82(247)
98.4	7.9	70	70	28	28	88	42	50	16(40)	84 14 76 22
		76	9	82	30(108)	28	28	70	70	9 76 31 82(251)
105.0	6.4	70	70	28	28	88	42	50	15(40)	84 13 76 22
		76	8	81	30(108)	27	27	70	70	8 75 30 82(251)
111.5	5.3	70	70	27	27	89	41	50	14(40)	85 11 77 21
		76	6	82	29(108)	26	26	71	71	6 76 29 82(251)
118.1	4.0	70	70	27	27	88	41	50	14(40)	84 11 77 21
		76	6	82	29(108)	26	26	70	70	6 75 29 82(251)
124.7	3.1	70	70	26	26	89	40	50	13(41)	85 10 77 20
		76	5	83	28(109)	25	25	71	71	4 75 29 83(250)

HA=180.1 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.3 7.0 7.7 7.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 191.9 ft Length of jib = 82.0 ft

Main boom sequence = 0-100-100-100-100-100 % LK = 74

Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		6(...)		
		4(...)		5(180)		6(...)				
		A	B	C	D	A	B	C	D	

85.3	9.5	67	67	32	32	82	45	50	22(39)	79	20	72	27
		71	16	77	35(110)	32	32	67	67	15	71	35	77(249)
91.9	8.8	69	69	30	30	86	44	50	18(39)	82	16	75	24
		73	11	80	34(112)	29	29	69	69	11	72	34	81(247)
98.4	7.3	69	69	29	29	86	43	50	17(39)	83	15	75	23
		73	10	81	33(112)	28	28	69	69	9	72	33	81(247)
105.0	6.0	69	69	28	28	87	42	50	16(40)	83	13	76	22
		75	9	81	30(108)	28	28	70	70	9	75	31	81(251)
111.5	4.6	69	69	28	28	87	41	50	15(40)	83	13	76	22
		75	8	81	30(108)	27	27	70	70	8	75	30	81(251)
118.1	3.5	69	69	27	27	87	41	50	15(40)	84	12	76	21
		75	7	81	29(108)	26	26	70	70	7	75	30	81(251)
124.7	2.6	69	69	26	26	88	40	50	13(41)	84	11	76	20
		75	5	82	29(109)	26	26	70	70	5	75	29	82(250)

HA=191.9 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.6

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 193.9 ft Length of jib = 82.0 ft
 Main boom sequence = 45-90-90-90-90-90 % LK = 76
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
85.3	9.7	69	69	31	31	84	45	50	20(38)	82	17	74	25
		73	13	80	34(111)	30	30	69	69	12	72	34	80(248)
91.9	7.9	69	69	30	30	85	43	50	18(39)	82	16	75	24
		72	11	80	33(112)	29	29	69	69	11	72	34	80(247)
98.4	6.4	69	69	29	29	86	43	50	17(39)	82	15	75	23
		72	9	80	33(112)	28	28	69	69	9	72	33	81(247)
105.0	5.1	69	69	28	28	86	42	50	16(40)	83	13	75	22
		75	9	80	30(108)	28	28	69	69	9	74	30	80(251)
111.5	3.7	69	69	28	28	86	41	50	15(40)	83	13	75	22
		75	8	80	30(108)	27	27	69	69	8	74	30	80(251)
118.1	2.6	69	69	27	27	87	41	49	14(40)	83	12	75	21
		75	7	81	29(108)	26	26	69	69	7	74	29	81(251)

HA=193.9 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.0 6.9 7.5 7.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 205.7 ft Length of jib = 82.0 ft
 Main boom sequence = 45-100-100-100-100-100 % LK = 77
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
85.3	9.0	68	68	31	31	83	43	51	20(40)	80	18	73	26
		72	14	78	34(110)	31	31	68	68	14	72	34	78(249)
91.9	7.5	68	68	30	30	84	44	49	19(38)	81	17	74	25
		72	12	79	33(111)	30	30	69	69	12	72	34	79(248)

98.4	6.0	68	68	29	29	84	43	50	18(39)	82	15	74	24
		72	10	80	33(112)	29	29	69	69	10	71	34	80(247)
105.0	4.6	68	68	28	28	85	42	49	17(39)	82	14	75	23
		75	10	79	30(107)	28	28	69	69	9	74	30	80(252)
111.5	3.3	68	68	28	28	85	42	49	16(39)	82	13	75	22
		75	9	79	29(107)	27	27	69	69	9	74	30	79(252)
118.1	2.2	68	68	27	27	86	41	49	15(40)	82	13	75	22
		74	8	80	29(108)	27	27	69	69	8	73	30	80(251)

 HA=205.7 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.9 6.9 7.4 7.4

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 208.0 ft Length of jib = 82.0 ft
 Main boom sequence = 90-90-90-90-90-90 % LK = 78
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
85.3	8.2	67	67	31	31	83	43	50	21(40)	80	18	73	26
		72	14	78	34(110)	31	31	68	68	14	71	34	78(249)
91.9	6.4	67	67	30	30	83	44	49	20(38)	80	17	73	25
		71	13	78	34(111)	30	30	68	68	12	71	34	78(248)
98.4	4.9	67	67	30	30	83	43	49	19(38)	80	16	73	24
		71	11	78	33(111)	29	29	68	68	11	71	33	78(248)
105.0	3.5	67	67	29	29	84	42	49	17(39)	81	15	73	23
		71	10	79	32(112)	28	28	68	68	10	70	33	79(247)
111.5	2.4	68	68	28	28	84	42	49	16(39)	81	13	74	22
		74	9	79	29(107)	27	27	68	68	9	73	30	79(252)

 HA=208.0 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.8 6.8 7.3 7.4

HA=208.0 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02
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H

DEMAG Mobile Cranes
 O U T R I G G E R - L O A D I N G S
 (Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer KS

Outrigger width	=	18.7 ft	Outrigger length	=	27.7 ft
Outrigger "A"	X =	12.0 ft	Outrigger "A"	Y =	9.4 ft
Outrigger "B"	X =	12.0 ft	Outrigger "B"	Y =	-9.4 ft
Outrigger "C"	X =	-15.7 ft	Outrigger "C"	Y =	9.4 ft
Outrigger "D"	X =	-15.7 ft	Outrigger "D"	Y =	-9.4 ft

 Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 40.7 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-0 % LK = 1
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
52.5	13.2	48	48	53	53	46	52	49	54(59)	47	54	48	53	
		49	55	47	51(128)	52	52	48	48	55	49	51	47(232)	
59.1	12.1	50	50	50	50	50	50	50	50(59)	50	50	50	50	
		50	50	50	50(127)	50	50	50	50	50	50	50	50(232)	
65.6	11.5	52	52	48	48	54	48	51	47(59)	53	46	53	47	
		51	46	53	49(128)	48	48	52	52	46	51	49	53(232)	
72.2	10.8	54	54	46	46	58	46	52	43(59)	57	42	55	44	
		53	41	57	48(128)	45	45	54	54	41	53	48	57(232)	
78.7	10.1	56	56	43	43	62	43	54	39(59)	60	39	58	41	
		60	39	58	41(90)	43	43	56	56	39	60	41	58(270)	
85.3	9.5	58	58	41	41	61	54	44	39(14)	63	35	60	39	
		63	35	60	39(90)	41	41	58	58	35	63	39	60(270)	
91.9	9.3	60	60	38	38	67	50	46	33(27)	68	31	64	35	
		66	29	65	37(98)	38	38	61	61	29	66	37	65(261)	
98.4	8.8	62	62	36	36	73	48	48	29(33)	72	26	67	32	
		68	24	69	36(104)	35	35	63	63	24	67	36	70(255)	

 HA= 40.7 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 6.7 6.3 6.5 6.5

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
52.5	13.2	48	48	53	53	46	52	49	54(59)	47	54	47	53	
		49	55	47	51(128)	53	53	48	48	55	49	51	47(232)	
59.1	12.3	50	50	50	50	50	50	50	50(59)	50	50	50	50	
		50	50	50	50(127)	50	50	50	50	50	50	50	50(232)	
65.6	11.7	52	52	48	48	54	48	51	47(59)	54	46	53	47	
		52	46	54	49(128)	48	48	52	52	46	52	49	54(232)	
72.2	11.0	54	54	45	45	58	46	52	43(59)	57	42	56	44	
		53	41	57	48(128)	45	45	54	54	41	53	48	57(232)	
78.7	10.4	56	56	43	43	62	43	54	39(59)	60	39	58	41	
		60	39	58	41(90)	43	43	56	56	39	60	41	58(270)	
85.3	9.9	58	58	41	41	62	54	44	38(16)	64	35	61	39	
		64	35	61	39(90)	41	41	58	58	35	64	39	61(270)	
91.9	9.5	60	60	39	39	67	51	46	34(26)	68	31	63	35	
		66	30	65	37(98)	38	38	61	61	29	66	37	65(261)	
98.4	9.0	62	62	36	36	72	49	47	30(32)	71	27	66	33	
		68	25	69	36(103)	36	36	63	63	25	67	36	69(256)	

105.0 8.6 64 64 34 34 76 46 49 26(36) 75 23 69 30
 69 20 73 35(107) 34 34 65 65 20 69 35 73(252)

HA= 54.5 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.1 6.4 6.7 6.7

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 68.6 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-0-90 % LK = 13

Counterweight = 55.8 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		3(90)				4(...)							
A	B	C	D	A	B	C	D	A	B	C	D		
59.1	12.3	50	50	50	50	50	50	50	50(59)	50	50	50	50
		50	50	50	50(127)	50	50	50	50	50	50	50	50(232)
65.6	11.7	52	52	48	48	54	48	51	47(59)	54	46	53	47
		51	46	54	49(128)	48	48	52	52	46	51	49	54(232)
72.2	10.8	54	54	46	46	58	46	52	43(59)	56	43	55	45
		52	42	56	48(128)	46	46	54	54	42	52	48	56(232)
78.7	10.1	56	56	44	44	61	44	53	40(59)	60	39	58	42
		60	39	58	42(90)	43	43	56	56	39	60	42	58(270)
85.3	9.3	57	57	42	42	58	55	43	41(7)	62	37	59	40
		62	37	59	40(90)	42	42	57	57	37	62	40	59(270)
91.9	8.6	58	58	40	40	63	53	45	37(19)	64	34	61	38
		64	33	62	38(92)	40	40	59	59	33	64	38	62(267)
98.4	7.9	60	60	39	39	66	50	46	34(26)	67	31	63	35
		65	30	64	37(97)	38	38	60	60	30	65	37	64(262)
105.0	7.5	61	61	37	37	70	49	47	30(31)	70	28	65	33
		67	25	67	36(102)	36	36	62	62	25	67	36	68(257)
111.5	7.1	63	63	35	35	74	47	48	27(35)	73	24	67	31
		68	21	71	35(105)	34	34	63	63	21	68	35	71(254)
118.1	6.6	65	65	33	33	78	45	49	24(37)	76	21	70	28
		69	18	74	34(108)	32	32	65	65	17	69	35	74(251)

HA= 68.6 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.2 6.4 6.8 6.9

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 70.2 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-0-100 % LK = 14

Counterweight = 55.8 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		3(90)				4(...)							
A	B	C	D	A	B	C	D	A	B	C	D		
59.1	11.5	49	49	51	51	48	51	49	52(59)	48	52	49	51
		49	52	48	50(127)	51	51	49	49	52	49	50	48(232)
65.6	10.4	50	50	49	49	51	49	50	49(59)	50	49	50	49
		50	48	51	50(127)	49	49	50	50	48	50	50	51(232)
72.2	9.5	52	52	47	47	54	47	51	46(59)	53	45	52	47
		51	45	53	49(128)	47	47	52	52	45	51	49	53(232)
78.7	8.8	53	53	45	45	57	45	52	43(59)	56	42	55	44
		52	41	56	48(128)	45	45	54	54	41	52	48	56(232)

85.3	7.9	54	54	44	44	60	44	52	41(59)	58	40	56	42
		58	40	56	42(90)	43	43	55	55	40	58	42	56(270)
91.9	7.5	56	56	42	42	57	55	43	41(5)	61	36	59	40
		61	36	59	40(90)	41	41	56	56	36	61	40	59(270)
98.4	6.8	57	57	40	40	61	53	44	37(16)	63	34	60	38
		63	34	60	38(90)	40	40	58	58	34	63	38	60(270)
105.0	6.4	59	59	38	38	65	50	45	34(25)	66	31	62	35
		65	30	63	37(96)	38	38	59	59	30	65	37	63(263)
111.5	6.0	60	60	37	37	69	49	46	31(30)	69	28	64	33
		66	26	66	36(101)	36	36	61	61	26	66	36	67(258)
118.1	5.5	62	62	35	35	72	47	47	28(33)	71	25	66	31
		67	22	69	35(104)	34	34	62	62	22	67	35	69(255)

HA= 70.2 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 6.7 6.2 6.4 6.4

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 82.3 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-45-90 % LK = 20

Counterweight = 55.8 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
65.6	11.9	53	53	47	47	55	48	52	46(59)	54	45	54	47
		52	45	54	49(128)	47	47	53	53	45	52	49	54(232)
72.2	11.0	54	54	45	45	59	45	53	43(59)	57	42	56	44
		53	41	57	48(128)	45	45	54	54	41	53	48	57(232)
78.7	10.4	56	56	43	43	62	43	54	39(59)	61	39	58	41
		61	39	58	41(90)	43	43	56	56	39	61	41	58(270)
85.3	9.7	58	58	41	41	61	54	44	39(15)	63	35	60	39
		63	35	60	39(90)	41	41	58	58	35	63	39	60(270)
91.9	9.0	59	59	39	39	65	52	45	35(24)	66	32	63	36
		65	31	63	37(96)	39	39	60	60	31	65	38	64(263)
98.4	8.4	61	61	37	37	69	50	46	32(29)	69	29	65	34
		67	27	66	37(100)	37	37	61	61	27	66	37	67(259)
105.0	7.9	63	63	35	35	73	48	47	28(33)	72	26	67	32
		68	23	70	35(104)	35	35	63	63	23	67	36	70(255)
111.5	7.3	64	64	34	34	76	46	48	26(36)	74	23	68	30
		69	20	72	35(107)	34	34	64	64	20	68	35	72(252)
118.1	7.1	66	66	32	32	80	44	50	22(39)	78	20	71	27
		70	15	76	34(109)	31	31	66	66	15	70	34	76(250)
124.7	6.6	67	67	30	30	83	44	49	19(38)	80	17	73	25
		71	12	78	33(111)	30	30	68	68	12	71	34	78(248)
131.2	6.2	69	69	28	28	86	42	50	16(40)	83	14	75	22
		75	9	80	30(108)	28	28	69	69	9	74	31	80(251)

HA= 82.3 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.0 6.9 7.5 7.5

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 84.0 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-45-100 % LK = 21

Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.						
	1(0)				2(...)				3(90)						
	4(...)				5(180)				6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D			
65.6	10.6	51	51	49	49	52	49	50	48	(59)	51	48	51	49	
		50	47	52	49	(127)	49	49	51	51	47	50	49	52	(232)
72.2	9.7	52	52	47	47	55	47	51	45	(59)	54	45	53	46	
		51	44	54	49	(128)	47	47	52	52	44	51	49	54	(232)
78.7	9.0	54	54	45	45	58	45	52	42	(59)	57	41	56	43	
		52	40	57	48	(128)	45	45	54	54	40	52	48	57	(232)
85.3	8.4	55	55	43	43	62	43	53	39	(59)	60	38	58	41	
		60	38	58	41	(90)	43	43	56	56	38	60	41	58	(270)
91.9	7.7	57	57	41	41	59	54	43	39	(11)	62	35	60	39	
		62	35	60	39	(90)	41	41	57	57	35	62	39	60	(270)
98.4	7.3	58	58	39	39	64	52	45	35	(22)	65	32	62	37	
		64	32	62	37	(94)	39	39	59	59	31	64	37	63	(265)
105.0	6.8	60	60	37	37	68	50	46	32	(28)	68	29	64	34	
		66	27	66	36	(100)	37	37	61	61	27	65	37	66	(259)
111.5	6.4	62	62	36	36	71	48	47	29	(32)	71	26	66	32	
		67	24	68	35	(103)	35	35	62	62	24	67	36	69	(256)
118.1	6.0	63	63	34	34	75	46	48	26	(35)	73	23	68	30	
		68	20	71	35	(106)	34	34	64	64	20	68	35	71	(253)
124.7	5.7	65	65	32	32	79	44	49	22	(38)	77	20	70	27	
		69	16	75	34	(109)	31	31	66	66	16	69	34	75	(250)
131.2	5.3	66	66	30	30	82	42	50	19	(40)	79	17	72	25	
		71	13	77	33	(110)	30	30	67	67	13	70	33	77	(249)

HA= 84.0 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.2 7.2

Main boom and fixed jib (jib angle 40.0 degrees)
Length of main boom = 96.5 ft Length of jib = 82.0 ft
Main boom sequence = 0-0-0-0-90-90 % LK = 28
Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.						
	1(0)				2(...)				3(90)						
	4(...)				5(180)				6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D			
65.6	11.7	52	52	48	48	55	48	52	46	(59)	54	46	53	47	
		52	45	54	49	(128)	47	47	53	53	45	52	49	54	(232)
72.2	11.2	55	55	45	45	60	45	53	42	(59)	58	41	56	43	
		53	40	58	48	(128)	45	45	55	55	40	53	48	58	(232)
78.7	10.4	56	56	43	43	63	43	54	39	(59)	61	38	59	41	
		61	38	59	41	(90)	43	43	57	57	38	61	41	59	(270)
85.3	9.9	58	58	41	41	63	53	45	37	(18)	65	34	61	38	
		65	34	62	38	(91)	40	40	59	59	34	64	38	62	(268)
91.9	9.3	60	60	39	39	67	51	46	34	(26)	67	31	63	36	
		66	30	65	37	(98)	38	38	60	60	30	65	37	65	(261)
98.4	8.6	62	62	37	37	71	49	47	30	(31)	70	28	65	34	
		67	26	68	36	(102)	37	37	62	62	26	67	37	68	(257)
105.0	8.2	63	63	35	35	75	47	48	27	(35)	73	25	68	31	
		68	22	71	35	(106)	35	35	64	64	22	68	36	71	(253)
111.5	7.7	65	65	33	33	78	45	49	24	(37)	76	22	70	28	
		70	18	74	34	(108)	33	33	65	65	18	69	35	74	(251)

118.1	7.3	67	67	31	31	82	43	50	21(40)	79	19	72	26
		71	14	77	34(110)	31	31	67	67	14	70	34	77(249)
124.7	7.1	69	69	29	29	86	43	50	17(39)	82	15	75	23
		73	10	80	33(112)	28	28	69	69	9	72	33	81(247)
131.2	6.6	70	70	27	27	89	42	50	14(40)	85	12	77	21
		77	7	82	29(108)	27	27	71	71	7	76	30	82(251)
137.8	6.2	72	72	26	26	92	40	51	12(41)	88	9	79	19
		78	4	85	28(109)	25	25	72	72	4	77	29	85(250)
144.4	5.3	72	72	25	25	92	39	51	11(42)	88	8	79	18
		77	3	85	28(110)	24	24	72	72	2	77	29	86(249)

 HA= 96.5 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.2 7.9 7.9

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 100.4 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-100-100 % LK = 29

Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
65.6	10.6	51	51	49	49	52	49	51	48(59)	52	47	52	48
		50	47	52	49(128)	48	48	51	51	47	50	49	52(232)
72.2	9.9	53	53	46	46	56	46	52	44(59)	55	44	54	45
		52	43	55	49(128)	46	46	53	53	43	52	49	55(232)
78.7	9.3	54	54	44	44	60	44	53	41(59)	58	40	56	43
		53	39	58	47(128)	44	44	55	55	39	53	47	58(232)
85.3	8.6	56	56	42	42	56	56	43	42(2)	61	37	58	40
		61	37	58	40(90)	42	42	56	56	37	61	40	58(270)
91.9	8.2	58	58	40	40	62	53	44	37(18)	64	34	61	38
		64	34	61	38(91)	40	40	58	58	34	64	38	61(268)
98.4	7.5	59	59	39	39	66	51	45	34(25)	66	31	63	36
		65	30	64	37(97)	38	38	60	60	30	65	37	64(262)
105.0	7.1	61	61	37	37	70	49	46	30(30)	69	28	65	33
		66	26	67	36(102)	36	36	62	62	26	66	37	67(257)
111.5	6.8	63	63	35	35	74	47	48	27(35)	73	24	68	30
		68	21	71	35(106)	34	34	63	63	21	67	35	71(253)
118.1	6.4	65	65	33	33	78	45	49	24(37)	75	21	70	28
		69	18	74	34(108)	32	32	65	65	18	69	35	74(251)
124.7	6.0	66	66	31	31	81	43	49	21(39)	78	19	71	26
		70	14	76	34(110)	31	31	67	67	14	70	34	76(249)
131.2	5.7	68	68	29	29	84	43	49	18(39)	81	15	74	24
		71	10	80	33(112)	29	29	68	68	10	71	33	80(247)
137.8	5.3	69	69	28	28	87	41	50	15(40)	84	13	76	22
		75	8	81	30(108)	27	27	70	70	8	75	30	81(251)
144.4	5.1	71	71	26	26	91	40	51	12(41)	87	9	78	19
		77	4	84	28(109)	25	25	72	72	4	77	29	84(250)

 HA=100.4 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.4 7.1 7.8 7.8

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 110.2 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-45-90-90 % LK = 36

Counterweight = 55.8 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D	
72.2	11.2	55	55	45	45	61	45	53	41	(59)	59	41	57	43
		59	41	57	43	(90)	44	44	56	56	41	59	43	57(270)
78.7	10.6	57	57	42	42	59	55	44	41	(9)	63	37	60	40
		63	37	60	40	(90)	42	42	58	58	37	63	40	60(270)
85.3	10.1	60	60	40	40	65	52	46	35	(23)	66	33	63	37
		65	32	63	38	(95)	39	39	60	60	32	65	38	64(264)
91.9	9.5	61	61	38	38	69	50	47	32	(29)	69	29	65	34
		67	27	67	37	(101)	37	37	62	62	27	66	37	67(258)
98.4	9.0	63	63	35	35	74	48	48	28	(34)	73	26	67	32
		68	23	71	36	(105)	35	35	63	63	23	68	36	71(254)
105.0	8.4	65	65	34	34	77	46	49	25	(37)	75	23	69	29
		69	19	73	35	(107)	33	33	65	65	19	69	35	73(252)
111.5	8.2	67	67	31	31	82	43	50	21	(40)	79	19	72	26
		71	14	77	34	(110)	31	31	67	67	14	71	34	77(249)
118.1	7.7	69	69	29	29	85	43	50	18	(39)	82	15	75	24
		72	11	80	33	(112)	29	29	69	69	10	72	34	80(247)
124.7	7.3	70	70	28	28	88	42	50	15	(40)	85	12	77	22
		77	7	82	30	(108)	27	27	71	71	7	76	30	82(251)
131.2	6.8	72	72	26	26	92	40	51	12	(41)	88	9	79	19
		78	4	85	28	(109)	25	25	72	72	4	77	29	85(250)
137.8	6.0	72	72	25	25	93	39	52	11	(42)	88	8	79	19
		78	3	86	28	(110)	24	24	73	73	2	77	29	86(249)
144.4	5.1	72	72	25	25	93	39	51	10	(42)	88	7	79	18
		78	2	86	28	(110)	24	24	73	73	2	77	28	86(249)
150.9	4.2	72	72	24	24	93	39	51	10	(42)	88	7	79	17
		78	1	86	28	(110)	24	24	73	73	1	77	28	86(249)

HA=110.2 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.2 8.0 8.0

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 114.5 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-45-100-100 % LK = 37

Counterweight = 55.8 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D	
72.2	10.1	54	54	46	46	58	46	52	43	(59)	56	43	55	45
		52	41	56	48	(128)	45	45	54	54	41	52	48	56(232)
78.7	9.5	56	56	43	43	61	44	53	40	(59)	60	39	58	42
		60	39	58	42	(90)	43	43	56	56	39	60	42	58(270)
85.3	8.8	57	57	41	41	60	54	44	40	(11)	63	36	60	39
		63	36	60	39	(90)	41	41	58	58	36	63	39	60(270)
91.9	8.4	59	59	39	39	65	52	45	35	(23)	66	32	62	37
		65	31	63	37	(95)	39	39	60	60	31	65	38	63(264)
98.4	7.7	60	60	37	37	68	50	46	32	(28)	68	29	64	34
		66	28	66	37	(100)	37	37	61	61	27	66	37	66(259)

105.0	7.3	62	62	36	36	72	48	47	28(33)	71	26	67	32
		67	23	69	36(104)	35	35	63	63	23	67	36	69(255)
111.5	7.1	64	64	33	33	77	45	49	24(37)	75	22	69	29
		69	19	73	34(107)	33	33	65	65	19	69	35	73(252)
118.1	6.6	66	66	32	32	80	44	50	21(39)	78	19	71	27
		71	15	76	34(109)	31	31	66	66	15	70	34	76(250)
124.7	6.2	67	67	30	30	83	44	49	19(38)	80	16	73	24
		71	12	78	33(111)	29	29	68	68	11	71	34	79(248)
131.2	6.0	69	69	28	28	87	42	50	15(40)	84	13	76	22
		76	8	81	30(108)	27	27	70	70	8	75	30	81(251)
137.8	5.7	71	71	26	26	91	40	51	12(41)	87	9	78	19
		77	4	84	28(109)	25	25	72	72	4	77	29	85(250)
144.4	5.1	72	72	25	25	93	39	51	10(42)	88	8	79	18
		78	2	86	28(110)	24	24	73	73	2	77	29	86(249)
150.9	4.2	72	72	24	24	93	39	51	10(42)	88	7	79	18
		78	2	86	28(110)	24	24	73	73	1	77	28	86(249)
157.5	3.5	72	72	24	24	94	38	51	9(42)	89	6	80	17
		78	0	86	27(110)	23	23	73	73	0	77	28	87(249)

 HA=114.5 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.2 8.0 8.0

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 124.3 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-90-90-90 % LK = 45

Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
72.2	11.0	56	56	44	44	61	45	53	41(59)	59	40	57	43
		59	40	57	43(90)	44	44	56	56	40	59	43	57(270)
78.7	10.6	58	58	42	42	61	54	44	39(13)	63	36	60	39
		63	36	60	39(90)	41	41	58	58	36	63	39	60(270)
85.3	10.1	60	60	39	39	67	52	46	34(25)	67	32	63	36
		66	31	65	38(97)	39	39	60	60	30	66	38	65(262)
91.9	9.5	62	62	37	37	71	49	47	31(31)	70	28	66	34
		67	26	68	37(102)	37	37	62	62	26	67	37	68(257)
98.4	9.0	64	64	35	35	75	47	48	27(35)	74	24	68	31
		69	21	72	35(106)	35	35	64	64	21	69	36	72(253)
105.0	8.6	66	66	33	33	80	45	49	23(38)	77	21	71	28
		70	17	75	35(109)	32	32	66	66	17	70	35	75(250)
111.5	8.2	68	68	31	31	84	43	50	20(40)	80	17	73	25
		72	13	78	34(111)	30	30	68	68	13	71	34	79(248)
118.1	7.9	70	70	28	28	88	42	50	16(40)	84	13	76	22
		76	9	82	30(108)	28	28	70	70	9	75	31	82(251)
124.7	7.5	72	72	26	26	91	41	51	13(41)	87	10	78	20
		78	5	84	29(109)	26	26	72	72	5	77	30	85(250)
131.2	6.4	71	71	26	26	91	40	51	12(41)	87	10	78	19
		78	4	84	28(109)	25	25	72	72	4	77	29	85(250)
137.8	5.5	72	72	25	25	92	39	51	11(42)	88	9	79	19
		77	3	85	28(110)	25	25	72	72	3	77	29	85(249)
144.4	4.9	72	72	24	24	93	39	51	10(42)	89	7	80	17
		78	1	86	28(110)	24	24	73	73	1	77	28	86(249)

150.9 4.0 72 72 24 24 93 38 51 9(42) 89 7 80 17
 78 1 86 27(110) 23 23 73 73 0 77 28 86(249)
 157.5 3.1 72 72 24 24 93 38 51 9(42) 88 6 80 17
 78 0 86 27(110) 23 23 73 73 0 77 28 86(249)
 164.0 2.4 72 72 23 23 94 38 51 8(42) 89 6 80 16
 78 0 87 26(110) 22 22 73 73 0 77 27 87(249)

 HA=124.3 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.2 8.1 8.1

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 130.9 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D		A	B	C	D
78.7	9.5	56	56	43	43	62	43	54	39(59)	61	38	58	41
		61	38	58	41(90)	43	43	56	56	38	61	41	58(270)
85.3	8.8	58	58	41	41	62	53	44	38(16)	64	35	61	38
		64	35	61	38(90)	41	41	58	58	35	64	38	61(270)
91.9	8.4	60	60	39	39	67	51	46	34(26)	67	31	63	36
		66	30	64	37(97)	38	38	60	60	30	65	37	65(262)
98.4	7.9	62	62	37	37	71	49	47	30(31)	70	27	66	33
		67	25	68	36(103)	36	36	62	62	25	67	37	68(256)
105.0	7.5	63	63	34	34	75	47	48	26(35)	74	24	68	30
		69	21	71	35(106)	34	34	64	64	21	68	35	72(253)
111.5	7.1	65	65	32	32	79	45	49	23(38)	77	21	70	28
		70	17	75	34(109)	32	32	66	66	17	69	35	75(250)
118.1	6.8	67	67	30	30	83	44	49	19(38)	80	17	73	25
		71	12	78	33(111)	30	30	68	68	12	71	34	78(248)
124.7	6.4	69	69	28	28	86	43	50	17(39)	83	14	75	23
		75	9	80	30(107)	28	28	69	69	9	75	30	80(252)
131.2	6.2	71	71	26	26	90	41	51	13(41)	86	10	78	20
		77	5	84	29(109)	26	26	72	72	5	77	29	84(250)
137.8	5.5	72	72	25	25	92	39	51	11(42)	88	8	79	19
		77	3	85	28(110)	24	24	72	72	3	77	29	86(249)
144.4	4.9	73	73	24	24	94	39	51	9(42)	89	7	80	17
		78	1	86	28(110)	24	24	73	73	1	78	28	87(249)
150.9	4.0	72	72	24	24	94	38	51	9(42)	89	6	80	17
		78	0	86	27(110)	23	23	73	73	0	77	28	87(249)
157.5	3.1	72	72	24	24	93	38	51	9(42)	89	6	80	17
		78	0	86	27(110)	23	23	73	73	0	77	28	86(249)
164.0	2.4	72	72	23	23	94	38	51	8(42)	89	6	80	16
		78	0	87	26(110)	22	22	73	73	0	77	26	88(249)

 HA=130.9 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.2 8.1 8.1

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.						
	1(0)				2(...)				3(90)										
	4(...)				5(180)				6(...)										
	A	B	C	D	A	B	C	D	A	B	C	D							
78.7	10.6	59	59	41	41	63	54	45	38	(18)	65	35	61	38					
		65	35	61	38	(90)	41	41	59	59		34	65	39	62	(269)			
85.3	10.1	61	61	38	38	69	51	47	33	(28)	69	30	64	35					
		67	29	66	37	(99)	38	38	61	61		29	66	37	66	(260)			
91.9	9.7	63	63	36	36	74	48	48	28	(34)	73	26	67	32					
		68	23	70	36	(105)	35	35	63	63		23	68	37	71	(254)			
98.4	9.3	65	65	34	34	78	46	49	24	(37)	76	22	70	29					
		70	19	74	35	(108)	33	33	66	66		19	70	35	74	(251)			
105.0	8.8	67	67	31	31	83	43	50	21	(40)	80	18	73	26					
		72	14	78	34	(110)	31	31	68	68		14	71	34	78	(249)			
111.5	8.4	69	69	29	29	86	43	50	17	(39)	83	15	76	23					
		73	10	81	33	(112)	29	29	70	70		9	73	33	81	(247)			
118.1	7.9	71	71	27	27	90	41	51	14	(41)	86	11	78	21					
		77	6	84	30	(109)	26	26	72	72		6	77	30	84	(250)			
124.7	7.1	72	72	26	26	92	41	51	12	(41)	88	9	79	19					
		78	4	85	28	(109)	25	25	72	72		4	77	29	85	(250)			
131.2	6.0	72	72	25	25	92	39	52	11	(42)	88	9	79	19					
		77	3	85	29	(110)	25	25	72	72		3	77	29	85	(249)			
137.8	5.1	72	72	25	25	93	39	51	10	(42)	88	8	79	18					
		78	2	86	28	(110)	24	24	73	73		2	77	29	86	(249)			
144.4	4.2	72	72	24	24	93	39	51	10	(42)	89	7	80	17					
		78	1	86	28	(110)	24	24	73	73		1	77	28	86	(249)			
150.9	3.3	72	72	24	24	93	38	51	9	(42)	89	7	80	17					
		78	1	86	27	(110)	23	23	73	73		0	77	28	86	(249)			
157.5	2.4	72	72	24	24	93	38	51	9	(42)	88	6	79	17					
		77	1	86	27	(110)	23	23	72	72		0	77	28	86	(249)			

HA=138.1 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.2 8.0 8.0

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 145.0 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-45-100-100-100 % LK = 55

Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.						
	1(0)				2(...)				3(90)										
	4(...)				5(180)				6(...)										
	A	B	C	D	A	B	C	D	A	B	C	D							
78.7	9.5	57	57	42	42	58	55	43	41	(7)	62	37	59	40					
		62	37	59	40	(90)	42	42	57	57		37	62	40	59	(270)			
85.3	8.8	59	59	40	40	63	53	45	36	(20)	65	33	62	37					
		65	33	62	38	(93)	40	40	59	59		33	64	38	62	(266)			
91.9	8.4	61	61	38	38	69	50	47	32	(29)	69	29	64	34					
		66	28	66	37	(100)	37	37	61	61		28	66	37	66	(259)			
98.4	7.9	63	63	35	35	73	47	48	28	(34)	72	26	67	32					
		68	23	70	36	(105)	35	35	63	63		23	67	36	70	(254)			
105.0	7.7	65	65	33	33	78	45	49	24	(38)	76	21	70	28					
		70	18	74	34	(108)	33	33	65	65		18	69	35	74	(251)			
111.5	7.3	67	67	31	31	82	43	50	20	(40)	79	18	73	26					
		71	14	77	34	(110)	30	30	67	67		13	71	34	78	(249)			

118.1	7.1	69	69	28	28	87	42	50	16(40)	83	14	75	23
		75	9	80	30(108)	28	28	70	70	9	75	31	81(251)
124.7	6.6	71	71	27	27	90	41	51	13(41)	86	11	78	20
		77	6	83	29(109)	26	26	71	71	6	76	30	84(250)
131.2	6.0	72	72	25	25	92	39	52	11(42)	88	9	79	19
		78	3	85	29(110)	25	25	73	73	3	77	29	86(249)
137.8	5.1	72	72	25	25	93	39	51	10(42)	88	8	80	18
		78	2	86	28(110)	24	24	73	73	2	77	28	86(249)
144.4	4.2	72	72	24	24	93	39	51	9(42)	89	7	80	17
		78	1	86	28(110)	23	23	73	73	1	77	28	86(249)
150.9	3.3	72	72	24	24	93	38	51	9(42)	89	6	80	17
		78	1	86	27(110)	23	23	73	73	0	77	28	86(249)
157.5	2.4	72	72	24	24	93	38	51	9(42)	88	6	79	17
		77	0	86	27(110)	23	23	73	73	0	77	28	86(249)

HA=145.0 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.2 8.0 8.0

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 152.2 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-90-90-90-90 % LK = 62

Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)	5(180)	A B C D		A B C D							
85.3	10.1	62	62	38	38	70	50	47	32(30)	70	29	65	34
		67	27	67	37(101)	37	37	62	62	27	67	37	68(258)
91.9	9.7	64	64	35	35	76	47	49	27(35)	74	25	69	31
		69	22	72	36(106)	35	35	64	64	22	69	36	72(253)
98.4	9.3	66	66	33	33	81	45	50	23(39)	78	21	71	28
		71	17	76	35(109)	32	32	67	67	17	70	35	76(250)
105.0	8.8	69	69	30	30	84	44	50	19(38)	82	17	74	25
		73	12	80	33(111)	30	30	69	69	12	72	34	80(248)
111.5	8.6	71	71	28	28	90	41	51	15(41)	86	12	78	21
		77	7	83	30(109)	27	27	71	71	7	76	31	83(250)
118.1	7.7	72	72	26	26	92	41	51	12(41)	88	10	79	20
		78	5	85	29(109)	26	26	72	72	4	77	29	85(250)
124.7	6.6	72	72	25	25	93	39	52	11(42)	88	9	79	19
		78	3	86	29(110)	25	25	73	73	3	77	29	86(249)
131.2	5.5	72	72	25	25	93	39	52	11(42)	88	8	79	18
		78	2	86	28(110)	24	24	73	73	2	77	29	86(249)
137.8	4.6	72	72	24	24	93	39	51	10(42)	89	7	80	17
		78	1	86	28(110)	24	24	73	73	1	77	28	86(249)
144.4	3.7	72	72	24	24	94	38	51	9(42)	89	6	80	17
		78	0	86	27(110)	23	23	73	73	0	78	28	87(249)
150.9	2.9	72	72	23	23	94	38	51	9(42)	89	6	80	17
		78	0	87	27(110)	23	23	73	73	0	77	27	87(249)

HA=152.2 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.2 8.0 8.1

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 161.4 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-100-100-100-100 % LK = 63

Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]												(Pos.[Degrees])	0-360 Degr.			
	1(0)				2(...)				3(90)								
	4(...)				5(180)				6(...)								
A	B	C	D	A	B	C	D	A	B	C	D						
85.3	8.8	60	60	39	39	66	52	45	35	(24)	67	32	63	36			
		65	31	64	37	(96)	39	39	60	60	31	65	38	64	(263)		
91.9	8.4	62	62	37	37	71	49	47	30	(31)	70	28	66	33			
		67	26	68	36	(102)	36	36	62	62	25	67	36	68	(257)		
98.4	8.2	64	64	34	34	77	46	49	26	(36)	75	23	69	30			
		69	20	73	35	(107)	34	34	65	65	20	69	35	73	(252)		
105.0	7.7	66	66	32	32	81	44	50	22	(39)	78	20	72	27			
		71	15	76	34	(109)	31	31	67	67	15	70	34	76	(250)		
111.5	7.3	68	68	30	30	84	43	50	18	(39)	82	16	74	24			
		72	11	80	33	(111)	29	29	69	69	11	72	33	80	(248)		
118.1	7.1	71	71	27	27	89	41	51	14	(41)	86	12	77	21			
		76	7	83	30	(109)	27	27	71	71	7	76	30	83	(250)		
124.7	6.4	72	72	26	26	92	40	51	12	(41)	88	9	79	19			
		78	4	85	28	(109)	25	25	72	72	4	77	29	85	(250)		
131.2	5.3	72	72	25	25	92	39	51	11	(42)	88	9	79	19			
		77	3	85	28	(110)	25	25	72	72	3	77	29	85	(249)		
137.8	4.4	72	72	24	24	93	39	51	10	(42)	88	7	79	18			
		78	2	86	28	(110)	24	24	73	73	2	77	28	86	(249)		
144.4	3.5	72	72	24	24	93	38	51	9	(42)	88	7	80	17			
		78	1	86	27	(110)	23	23	73	73	1	77	28	86	(249)		
150.9	2.6	72	72	24	24	93	38	51	9	(42)	88	6	79	17			
		78	0	86	27	(110)	23	23	73	73	0	77	28	86	(249)		

HA=161.4 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.2 8.0 8.0

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]												(Pos.[Degrees])	0-360 Degr.			
	1(0)				2(...)				3(90)								
	4(...)				5(180)				6(...)								
A	B	C	D	A	B	C	D	A	B	C	D						
85.3	10.1	63	63	37	37	73	49	48	30	(32)	72	27	67	33			
		68	25	69	36	(103)	36	36	63	63	25	68	37	69	(256)		
91.9	9.7	65	65	34	34	78	46	49	25	(37)	76	23	70	30			
		70	19	74	35	(108)	34	34	65	65	19	69	36	74	(251)		
98.4	9.5	68	68	31	31	84	43	51	20	(40)	81	18	74	26			
		72	13	79	34	(111)	31	31	68	68	13	71	34	79	(248)		
105.0	9.0	70	70	28	28	88	43	51	16	(40)	85	14	77	22			
		77	9	82	30	(108)	28	28	71	71	9	76	31	82	(251)		
111.5	7.9	71	71	27	27	90	41	51	14	(41)	86	12	78	21			
		77	7	83	30	(109)	27	27	71	71	6	76	30	84	(250)		
118.1	6.6	71	71	27	27	90	41	51	13	(41)	86	11	78	20			
		77	6	84	29	(109)	26	26	71	71	6	76	30	84	(250)		
124.7	5.5	71	71	26	26	91	40	51	12	(41)	87	10	78	20			
		77	4	84	29	(109)	25	25	72	72	4	77	29	84	(250)		

131.2 4.4 71 71 26 26 91 40 50 12(41) 87 9 78 19
 77 4 84 28(109) 25 25 72 72 4 77 29 84(250)
 137.8 3.5 71 71 25 25 92 39 51 11(42) 87 8 78 18
 77 2 85 28(110) 24 24 72 72 2 76 29 85(249)
 144.4 2.6 71 71 24 24 92 38 51 10(42) 88 7 79 18
 77 2 85 28(110) 24 24 72 72 2 76 28 85(249)

 HA=166.0 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.1 7.9 7.9

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 175.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])	0-360 Degr.			
		1(0)		2(...)		3(90)		4(...)						
		A	B	C	D	A	B	C	D			A	B	C
91.9	8.6	63	63	35	35	74	48	48	28(34)	73	25	68	31	
		69	22	71	36(105)	35	35	64	64	22	68	36	71(254)	
98.4	8.2	65	65	33	33	79	45	49	23(38)	77	21	71	28	
		70	17	75	34(108)	32	32	66	66	17	70	35	75(251)	
105.0	7.7	68	68	30	30	83	44	49	20(38)	80	17	73	25	
		72	13	78	34(111)	30	30	68	68	13	71	34	79(248)	
111.5	7.5	70	70	28	28	88	42	50	15(40)	85	13	77	22	
		77	8	82	30(108)	27	27	71	71	8	76	30	82(251)	
118.1	6.4	71	71	27	27	90	41	51	14(41)	86	11	77	21	
		77	6	83	30(109)	26	26	71	71	6	76	30	83(250)	
124.7	5.3	71	71	26	26	90	40	51	13(41)	86	10	78	20	
		77	5	83	29(109)	26	26	71	71	5	76	29	84(250)	
131.2	4.2	71	71	26	26	90	40	50	12(41)	86	10	78	19	
		77	4	84	28(109)	25	25	71	71	4	76	29	84(250)	
137.8	3.3	71	71	25	25	91	39	50	11(41)	87	9	78	19	
		77	3	84	28(109)	24	24	72	72	3	76	28	84(250)	
144.4	2.4	71	71	25	25	91	38	51	11(42)	87	8	78	18	
		77	2	84	28(110)	24	24	72	72	2	76	28	85(249)	

 HA=175.5 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.1 7.8 7.9

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 180.1 ft Length of jib = 82.0 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 55.8 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])	0-360 Degr.			
		1(0)		2(...)		3(90)		4(...)						
		A	B	C	D	A	B	C	D			A	B	C
91.9	9.7	66	66	33	33	80	45	50	23(38)	78	21	71	28	
		71	17	76	35(109)	33	33	67	67	17	70	35	76(250)	
98.4	9.3	69	69	30	30	85	44	50	19(39)	82	17	75	25	
		73	12	80	33(111)	30	30	69	69	12	72	34	80(248)	
105.0	8.2	70	70	29	29	87	43	50	17(40)	84	14	76	23	
		76	9	81	31(108)	28	28	70	70	9	75	31	81(251)	

111.5	6.8	70	70	28	28	88	42	50	15(40)	84	13	76	22
	76	8	82	30(108)		27	27	70	70	8	75	30	82(251)
118.1	5.5	70	70	27	27	88	41	50	15(40)	84	12	76	21
	76	7	82	29(108)		27	27	70	70	7	75	30	82(251)
124.7	4.4	70	70	27	27	89	40	50	14(41)	85	11	77	21
	76	6	82	29(109)		26	26	71	71	6	75	30	82(250)
131.2	3.3	70	70	26	26	89	40	50	13(41)	85	10	77	20
	76	5	82	29(109)		26	26	71	71	5	75	29	82(250)
137.8	2.4	70	70	26	26	89	39	50	12(41)	85	9	77	19
	76	4	83	28(109)		25	25	71	71	4	75	29	83(250)

HA=180.1 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.3 7.0 7.7 7.7

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 191.9 ft Length of jib = 82.0 ft
 Main boom sequence = 0-100-100-100-100-100 % LK = 74
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
98.4	8.2	67	67	32	32	82	44	50	21(39)	79	19	72	27
		71	15	77	34(110)	31	31	67	67	15	71	34	77(249)
105.0	7.7	69	69	29	29	86	43	50	17(39)	83	15	75	23
		73	10	81	33(112)	29	29	69	69	10	72	33	81(247)
111.5	6.4	69	69	28	28	87	42	50	16(40)	83	14	76	22
		75	9	81	30(108)	28	28	70	70	9	75	31	81(251)
118.1	5.1	69	69	28	28	87	41	50	15(40)	83	13	76	22
		75	8	81	30(108)	27	27	70	70	8	75	30	81(251)
124.7	4.0	69	69	27	27	87	41	50	15(40)	84	12	76	21
		75	7	81	29(108)	26	26	70	70	7	75	30	81(251)
131.2	3.1	70	70	26	26	88	40	50	13(41)	84	11	77	20
		75	6	82	29(109)	26	26	70	70	5	75	29	82(250)

HA=191.9 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.6

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 193.9 ft Length of jib = 82.0 ft
 Main boom sequence = 45-90-90-90-90-90 % LK = 76
 Counterweight = 55.8 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
98.4	8.4	69	69	30	30	85	44	50	19(39)	82	16	74	24
		73	12	80	33(111)	30	30	69	69	11	72	34	80(248)
105.0	6.8	69	69	29	29	85	43	50	18(39)	82	15	75	24
		72	10	80	33(112)	29	29	69	69	10	72	34	80(247)
111.5	5.5	69	69	28	28	86	43	49	17(39)	82	14	75	23
		75	9	80	30(107)	28	28	69	69	9	75	30	80(252)
118.1	4.2	69	69	28	28	86	41	50	16(40)	82	13	75	22
		75	9	80	30(108)	27	27	69	69	8	74	30	80(251)

124.7 3.1 69 69 27 27 86 41 50 15(40) 83 12 75 21
 75 7 80 29(108) 26 26 69 69 7 74 30 81(251)

 HA=193.9 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.0 6.9 7.5 7.5

 HA=193.9 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

 HA=193.9 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

 HA=193.9 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02
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H

DEMAG Mobile Cranes
 O U T R I G G E R - L O A D I N G S
 (Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer KS

 Outrigger width = 18.7 ft Outrigger length = 27.7 ft
 Outrigger "A" X = 12.0 ft Outrigger "A" Y = 9.4 ft
 Outrigger "B" X = 12.0 ft Outrigger "B" Y = -9.4 ft
 Outrigger "C" X = -15.7 ft Outrigger "C" Y = 9.4 ft
 Outrigger "D" X = -15.7 ft Outrigger "D" Y = -9.4 ft

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 40.7 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-0 % LK = 1
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
16.4	27.1	45	45	59	59	38	59	48	63(59)	40	64	43	61
		47	66	40	55(128)	60	60	45	45	66	47	55	40(232)
19.7	26.5	47	47	57	57	42	57	49	60(59)	44	61	45	58
		49	62	43	54(128)	57	57	47	47	62	49	54	43(232)
23.0	25.1	48	48	55	55	45	55	50	57(59)	46	57	47	56
		49	58	46	53(128)	55	55	48	48	58	49	53	46(232)
26.2	24.0	50	50	53	53	48	53	50	54(59)	49	54	49	53
		50	55	49	52(128)	53	53	50	50	55	50	52	49(232)
29.5	22.7	51	51	51	51	50	51	51	51(59)	50	51	51	51
		51	52	50	51(127)	51	51	51	51	52	51	51	50(232)
32.8	21.6	52	52	50	50	53	50	51	49(59)	53	49	52	49
		52	49	52	50(127)	50	50	52	52	49	52	50	52(232)
39.4	19.4	54	54	47	47	57	47	52	45(59)	56	44	55	46
		53	43	56	49(128)	47	47	54	54	43	53	49	56(232)

45.9	17.2	55	55	44	44	60	45	53	41(59)	59	40	57	43
		59	40	57	43(90)	44	44	55	55	40	59	43	57(270)
52.5	15.9	57	57	42	42	58	55	43	41(8)	62	36	59	40
		62	36	59	40(90)	41	41	57	57	36	62	40	59(270)
59.1	14.3	58	58	40	40	62	52	44	37(19)	64	33	61	37
		64	33	61	38(92)	39	39	58	58	33	64	38	62(267)
65.6	12.8	59	59	38	38	65	50	45	34(25)	66	30	62	35
		64	29	63	37(97)	38	38	59	59	29	64	37	63(262)
72.2	11.9	60	60	36	36	69	48	46	30(30)	69	27	64	33
		66	25	66	35(101)	36	36	61	61	25	65	36	67(258)
78.7	11.0	62	62	35	35	72	46	47	27(34)	71	24	66	31
		67	22	69	35(105)	34	34	62	62	22	66	35	69(254)
85.3	10.4	63	63	33	33	75	45	47	24(36)	74	21	68	28
		68	18	72	34(107)	32	32	64	64	18	67	34	72(252)
91.9	9.5	64	64	32	32	78	43	48	22(38)	75	19	69	27
		68	15	74	33(109)	31	31	65	65	15	68	34	74(250)
98.4	9.0	65	65	30	30	80	43	47	19(37)	78	16	71	24
		70	12	76	32(110)	29	29	66	66	12	69	33	77(249)
105.0	8.6	67	67	28	28	84	41	49	16(39)	80	13	73	22
		73	9	78	29(107)	27	27	68	68	9	73	30	78(252)

HA= 40.7 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.3 7.3

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		4(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
19.7	25.1	46	46	57	57	41	57	48	60(59)	42	61	44	59
		48	62	43	54(128)	57	57	46	46	62	48	54	43(232)
23.0	24.7	48	48	55	55	45	55	49	57(59)	46	58	47	56
		49	58	46	53(128)	55	55	48	48	58	49	53	46(232)
26.2	23.6	49	49	53	53	48	53	50	54(59)	48	54	49	54
		50	55	48	52(128)	53	53	49	49	55	50	52	48(232)
29.5	22.7	51	51	51	51	50	51	51	51(59)	51	51	51	51
		51	52	50	51(127)	51	51	51	51	52	51	51	50(232)
32.8	21.8	52	52	49	49	53	50	52	49(59)	53	49	52	49
		52	48	53	50(128)	50	50	52	52	48	52	50	53(232)
39.4	19.8	54	54	47	47	58	47	53	44(59)	57	44	55	45
		53	43	57	49(128)	46	46	54	54	43	53	49	57(232)
45.9	18.1	56	56	44	44	62	44	54	40(59)	60	39	58	42
		60	39	58	42(90)	43	43	56	56	39	60	42	58(270)
52.5	16.3	57	57	41	41	60	54	44	39(12)	63	36	60	39
		63	36	60	39(90)	41	41	58	58	36	63	39	60(270)
59.1	15.2	59	59	39	39	65	51	45	35(24)	66	32	62	36
		65	31	63	37(96)	39	39	60	60	31	65	37	63(263)
65.6	13.9	60	60	37	37	69	49	46	31(29)	69	29	64	34
		66	27	66	36(101)	37	37	61	61	26	66	37	66(258)
72.2	12.8	62	62	35	35	72	47	47	28(33)	71	26	66	32
		67	23	69	35(104)	35	35	62	62	23	67	35	69(255)

78.7	11.7	63	63	34	34	74	46	47	26(35)	73	23	67	30
		68	20	71	34(106)	33	33	63	63	20	67	35	71(253)
85.3	11.0	64	64	32	32	78	44	49	22(38)	76	20	70	27
		69	16	74	34(109)	31	31	65	65	16	68	34	74(250)
91.9	10.1	65	65	30	30	80	43	49	20(39)	77	17	71	25
		69	13	76	33(110)	30	30	66	66	13	69	33	76(249)
98.4	9.3	66	66	29	29	82	43	48	18(38)	79	16	72	24
		70	11	77	32(111)	28	28	67	67	11	69	33	77(248)
105.0	8.8	67	67	28	28	85	41	49	16(39)	81	13	74	22
		74	8	79	29(107)	27	27	68	68	8	73	29	79(252)
111.5	8.2	68	68	26	26	87	40	49	14(40)	83	11	75	20
		75	6	81	28(108)	25	25	69	69	6	74	29	81(251)
118.1	7.5	69	69	25	25	88	39	50	12(41)	84	9	76	19
		75	4	82	28(109)	24	24	70	70	4	74	28	82(250)

 HA= 54.5 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.6

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 68.6 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-0-90 % LK = 13

Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B		C		D		
23.0	22.9	47	47	55	55	43	55	49	58(59)	44	58	46	56
		48	59	44	53(128)	55	55	47	47	59	48	53	44(232)
26.2	22.5	49	49	53	53	46	53	50	55(59)	47	55	48	54
		49	56	47	52(128)	53	53	49	49	56	49	52	47(232)
29.5	21.8	50	50	51	51	49	51	50	52(59)	50	52	50	52
		50	52	50	51(127)	52	52	50	50	52	50	51	50(232)
32.8	21.2	52	52	50	50	52	50	51	49(59)	52	49	52	49
		51	49	52	50(127)	50	50	52	52	49	51	50	52(232)
39.4	19.4	54	54	47	47	57	47	52	44(59)	56	44	55	46
		53	43	56	49(128)	47	47	54	54	43	53	49	56(232)
45.9	17.6	56	56	44	44	61	44	53	40(59)	60	40	57	42
		60	40	57	42(90)	44	44	56	56	40	60	42	57(270)
52.5	15.9	57	57	42	42	59	55	43	40(9)	62	36	59	40
		62	36	59	40(90)	41	41	57	57	36	62	40	59(270)
59.1	14.1	58	58	40	40	62	52	44	37(19)	64	33	61	37
		64	33	61	37(91)	39	39	58	58	33	64	38	61(268)
65.6	13.0	59	59	38	38	66	50	45	33(26)	67	30	63	35
		65	29	64	37(98)	37	37	60	60	28	65	37	64(261)
72.2	11.9	60	60	36	36	69	48	46	30(30)	69	27	65	33
		66	25	67	36(102)	35	35	61	61	25	65	36	67(257)
78.7	10.6	61	61	35	35	71	47	47	28(33)	70	25	65	31
		66	22	68	35(104)	34	34	62	62	22	66	35	68(255)
85.3	9.5	62	62	34	34	73	46	47	26(34)	71	23	66	30
		67	20	69	34(105)	33	33	62	62	20	66	34	70(254)
91.9	8.8	63	63	32	32	76	44	47	23(37)	74	21	68	28
		68	17	72	33(107)	31	31	64	64	17	67	34	72(252)
98.4	8.4	64	64	30	30	79	42	48	20(39)	76	18	70	26
		69	14	75	32(109)	30	30	65	65	13	69	33	75(250)

105.0	7.7	65	65	29	29	80	42	48	19(38)	78	16	71	24
		69	11	77	32(111)	28	28	66	66	11	69	33	77(248)
111.5	7.1	66	66	28	28	82	41	48	17(39)	79	14	73	23
		72	10	77	29(107)	27	27	67	67	9	72	30	77(252)
118.1	6.6	67	67	27	27	85	40	49	15(40)	81	12	74	21
		73	7	79	29(108)	26	26	68	68	7	73	29	79(251)
124.7	6.2	68	68	26	26	87	39	49	13(40)	83	9	75	19
		75	5	81	28(108)	24	24	69	69	4	74	28	81(251)
131.2	5.7	69	69	24	24	89	38	49	11(41)	84	8	77	18
		75	2	82	27(109)	23	23	70	70	2	75	28	82(250)

HA= 68.6 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.7

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 70.2 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-0-100 % LK = 14

Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
23.0	22.7	47	47	55	55	43	55	49	58(59)	44	58	45	56
		48	60	44	53(128)	55	55	47	47	60	48	53	44(232)
26.2	22.3	49	49	53	53	46	53	49	55(59)	47	55	48	54
		49	56	47	52(128)	53	53	49	49	56	49	52	47(232)
29.5	21.6	50	50	52	52	49	52	50	52(59)	49	52	50	52
		50	52	49	51(127)	52	52	50	50	52	50	51	49(232)
32.8	20.3	51	51	50	50	51	50	51	50(59)	51	50	51	50
		51	50	51	50(127)	50	50	51	51	50	51	50	51(232)
39.4	18.1	52	52	47	47	55	47	52	46(59)	54	45	53	47
		52	45	54	49(128)	47	47	53	53	45	52	49	54(232)
45.9	16.3	54	54	45	45	59	45	52	42(59)	57	41	56	43
		53	40	57	48(128)	45	45	54	54	40	53	48	57(232)
52.5	14.3	55	55	43	43	61	43	53	39(59)	59	38	57	41
		59	38	57	41(90)	42	42	55	55	38	59	41	57(270)
59.1	12.3	55	55	41	41	56	54	42	41(5)	60	36	58	39
		60	36	58	39(90)	41	41	56	56	36	60	39	58(270)
65.6	11.2	57	57	40	40	61	52	43	37(17)	63	33	60	37
		63	33	60	37(90)	39	39	57	57	33	62	37	60(269)
72.2	10.4	58	58	38	38	64	50	44	33(24)	65	30	62	35
		64	29	63	36(96)	37	37	59	59	29	64	36	63(263)
78.7	9.3	59	59	37	37	66	48	45	31(28)	67	28	63	33
		64	26	65	35(100)	36	36	60	60	26	64	36	65(259)
85.3	8.2	59	59	35	35	68	47	45	29(30)	68	26	63	32
		65	24	66	35(101)	35	35	60	60	24	65	35	66(258)
91.9	7.7	61	61	34	34	71	45	46	26(34)	70	23	65	30
		66	21	69	34(105)	33	33	62	62	21	65	34	69(254)
98.4	7.1	62	62	32	32	74	44	47	24(36)	72	21	67	28
		66	18	70	34(107)	32	32	63	63	18	66	34	71(252)
105.0	6.4	62	62	31	31	75	43	47	22(37)	73	19	68	27
		67	16	72	33(108)	30	30	63	63	16	67	33	72(251)
111.5	6.0	63	63	30	30	78	41	48	20(39)	75	17	69	25
		68	13	74	32(109)	29	29	65	65	13	68	32	74(250)

118.1	5.5	65	65	29	29	80	42	47	18(38)	77	15	71	24
		69	11	76	31(110)	28	28	66	66	11	68	32	76(249)
124.7	5.1	65	65	28	28	81	41	47	17(38)	78	13	72	22
		72	9	76	29(106)	27	27	67	67	9	71	29	77(253)
131.2	4.9	67	67	26	26	84	39	48	14(40)	81	11	74	21
		73	6	79	28(108)	25	25	68	68	6	72	29	79(251)
137.8	4.4	67	67	25	25	86	39	48	13(40)	82	9	75	19
		74	5	80	27(108)	24	24	69	69	5	73	28	80(251)

 HA= 70.2 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.8 7.4 7.4

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 82.3 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-45-90 % LK = 20

Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		6(...)		
	A	B C D	A B C D	A B C D	A B C D	A B C D			
26.2	21.6	48 48 53 53	46 53 49 55(59)	47 55 47 54					
		49 56 47 52(128)	53 53 48 48	56 49 52 47(232)					
29.5	21.2	50 50 51 51	49 51 50 52(59)	49 52 50 52					
		50 52 49 51(127)	51 51 50 50	52 50 51 49(232)					
32.8	20.7	51 51 50 50	52 50 51 49(59)	52 49 52 49					
		51 49 52 50(127)	50 50 52 52	49 51 50 52(232)					
39.4	19.4	54 54 46 46	58 47 52 44(59)	57 43 55 45					
		53 43 57 49(128)	46 46 54 54	43 53 49 57(232)					
45.9	17.9	56 56 43 43	62 44 54 39(59)	61 39 58 42					
		61 39 58 42(90)	43 43 56 56	39 61 42 58(270)					
52.5	16.5	58 58 41 41	62 53 45 38(17)	64 35 61 38					
		64 35 61 38(90)	41 41 58 58	34 64 39 61(269)					
59.1	15.0	60 60 39 39	66 51 45 34(25)	67 31 63 36					
		65 30 64 37(97)	38 38 60 60	30 65 37 64(262)					
65.6	13.4	60 60 37 37	69 49 46 31(29)	69 28 64 34					
		66 26 66 36(101)	36 36 61 61	26 66 36 66(258)					
72.2	12.6	62 62 35 35	73 47 47 27(34)	71 25 67 31					
		67 22 69 35(105)	34 34 63 63	22 67 35 70(254)					
78.7	11.7	63 63 33 33	76 45 48 24(37)	74 22 69 29					
		68 18 72 34(107)	32 32 64 64	18 68 34 72(252)					
85.3	10.6	64 64 32 32	78 43 48 22(38)	76 20 70 27					
		69 16 74 34(109)	31 31 65 65	15 68 34 74(250)					
91.9	9.7	65 65 30 30	80 42 49 20(40)	78 17 71 25					
		70 13 76 33(110)	29 29 66 66	13 69 33 76(249)					
98.4	8.8	66 66 29 29	82 42 48 18(38)	79 15 72 24					
		70 11 77 32(111)	28 28 67 67	10 70 33 78(248)					
105.0	8.4	68 68 27 27	85 41 49 15(40)	82 12 74 21					
		74 8 79 29(108)	26 26 69 69	7 73 30 80(251)					
111.5	7.7	69 69 26 26	87 40 49 13(40)	83 10 75 20					
		75 5 81 28(108)	25 25 69 69	5 74 28 81(251)					
118.1	7.1	69 69 25 25	89 39 49 11(41)	85 9 77 19					
		75 3 82 28(109)	24 24 70 70	3 75 28 82(250)					
124.7	6.2	69 69 24 24	89 38 49 11(41)	85 8 77 18					
		75 2 82 27(109)	23 23 70 70	2 75 28 83(250)					

131.2 5.5 70 70 24 24 90 38 49 10(41) 86 7 77 17
 76 1 83 26(109) 23 23 71 71 1 75 27 84(250)
 137.8 4.9 70 70 23 23 90 37 50 9(42) 86 6 78 17
 75 0 84 26(110) 22 22 71 71 0 75 27 84(249)
 144.4 4.2 70 70 23 23 91 37 50 8(42) 86 5 78 16
 75 0 84 26(110) 22 22 71 71 0 74 26 85(249)

 HA= 82.3 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.8 7.9

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 84.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		6(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
26.2	21.2	48	48	53	53	45	53	49	55(59)	46	55	47	54	
		49	56	46	52(128)	53	53	48	48	56	49	52	46(232)	
29.5	20.9	50	50	52	52	49	51	50	52(59)	49	52	49	52	
		50	52	49	51(127)	51	51	50	50	52	50	51	49(232)	
32.8	20.5	51	51	50	50	52	50	51	49(59)	52	49	52	49	
		51	49	52	50(127)	50	50	51	51	49	51	50	52(232)	
39.4	18.5	53	53	47	47	56	47	52	45(59)	56	44	54	46	
		52	43	56	49(128)	47	47	53	53	43	52	49	56(232)	
45.9	16.8	55	55	44	44	60	44	53	41(59)	59	40	57	43	
		59	40	57	43(90)	44	44	55	55	40	59	43	57(270)	
52.5	15.0	56	56	42	42	57	55	43	41(5)	61	37	59	40	
		61	37	59	40(90)	42	42	57	57	37	61	40	59(270)	
59.1	13.4	57	57	40	40	61	53	44	37(17)	63	34	60	37	
		63	34	60	37(90)	39	39	58	58	33	63	38	61(269)	
65.6	11.9	58	58	39	39	64	51	44	34(23)	65	31	62	36	
		64	30	62	37(95)	38	38	59	59	30	64	37	63(264)	
72.2	11.0	60	60	37	37	68	49	45	31(29)	68	28	64	33	
		65	26	65	35(100)	36	36	60	60	26	65	36	66(259)	
78.7	10.1	61	61	35	35	71	47	46	28(33)	70	25	65	31	
		66	22	68	35(104)	34	34	62	62	22	66	35	68(255)	
85.3	9.3	62	62	33	33	73	45	47	25(35)	72	22	67	29	
		67	19	70	34(106)	33	33	63	63	19	67	34	70(253)	
91.9	8.4	63	63	32	32	75	44	47	23(37)	73	21	68	28	
		68	17	72	33(107)	31	31	64	64	17	67	34	72(252)	
98.4	7.7	64	64	31	31	78	43	48	21(38)	75	18	69	26	
		68	14	74	33(109)	30	30	65	65	14	68	33	74(250)	
105.0	7.1	65	65	30	30	79	43	47	19(37)	77	16	71	24	
		69	12	76	32(110)	28	28	66	66	12	69	32	76(249)	
111.5	6.6	66	66	28	28	82	41	48	17(39)	79	14	73	22	
		72	9	77	29(107)	27	27	67	67	9	72	30	77(252)	
118.1	6.2	67	67	27	27	85	40	49	14(40)	81	11	74	21	
		73	7	79	28(108)	26	26	68	68	7	73	29	79(251)	
124.7	5.5	67	67	26	26	86	39	49	13(40)	82	10	75	20	
		74	5	80	28(108)	25	25	69	69	5	73	28	80(251)	
131.2	5.3	69	69	24	24	89	38	49	11(41)	85	7	77	18	
		75	2	82	27(109)	23	23	70	70	2	75	27	83(250)	

137.8 4.9 70 70 23 23 90 37 50 9(42) 86 6 78 17
 75 0 84 26(110) 22 22 71 71 0 75 27 84(249)
 144.4 4.0 69 69 23 23 90 37 50 9(42) 85 6 77 17
 75 1 83 27(110) 22 22 70 70 0 74 27 83(249)
 150.9 3.5 70 70 23 23 90 36 49 8(42) 86 5 78 16
 75 0 85 25(110) 22 22 71 71 0 74 26 85(249)

 HA= 84.0 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 6.9 7.9 7.9

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		6(...)		
		A	B	C	D	A	B	C	D	
29.5	19.8	49	49	52	52	48	51	50	52(59)	48 52 49 52
		49	53	48	51(128)	52	52	49	49	53 49 51 48(232)
32.8	19.6	51	51	50	50	51	50	51	49(59)	51 49 51 50
		51	49	51	50(127)	50	50	51	51	49 51 50 51(232)
39.4	18.7	54	54	46	46	57	47	52	44(59)	56 44 55 45
		53	43	56	49(128)	46	46	54	54	43 53 49 56(232)
45.9	17.6	56	56	43	43	63	43	54	39(59)	61 39 58 41
		61	39	58	41(90)	43	43	56	56	39 61 41 58(270)
52.5	16.3	58	58	41	41	62	53	45	37(18)	64 34 61 38
		64	34	61	38(90)	40	40	59	59	34 64 38 61(269)
59.1	15.2	60	60	38	38	67	50	46	33(27)	68 30 64 35
		66	29	65	37(99)	38	38	61	61	28 65 37 65(260)
65.6	14.1	62	62	36	36	72	48	47	29(32)	71 26 66 32
		67	24	69	35(103)	35	35	62	62	24 67 36 69(256)
72.2	12.8	63	63	34	34	75	46	48	26(35)	73 24 68 30
		68	21	71	35(106)	34	34	63	63	20 67 35 71(253)
78.7	11.9	64	64	32	32	78	44	49	23(38)	76 20 70 28
		69	17	74	34(108)	32	32	65	65	17 69 34 74(251)
85.3	11.2	66	66	30	30	81	44	48	20(37)	79 17 72 25
		71	13	77	33(110)	30	30	67	67	13 70 33 77(249)
91.9	10.4	67	67	29	29	84	42	49	17(39)	81 15 73 23
		71	9	79	32(112)	28	28	68	68	9 70 33 79(247)
98.4	9.5	68	68	27	27	86	41	49	15(40)	82 12 75 21
		74	7	80	29(108)	26	26	69	69	7 74 30 80(251)
105.0	8.8	69	69	26	26	88	39	50	13(41)	84 10 76 20
		75	5	82	28(109)	25	25	70	70	4 75 29 82(250)
111.5	7.7	69	69	25	25	89	39	50	12(41)	85 9 77 19
		75	4	82	28(109)	24	24	70	70	4 75 28 82(250)
118.1	6.6	69	69	25	25	88	39	49	11(41)	84 9 76 19
		75	3	82	28(109)	24	24	70	70	3 74 28 82(250)
124.7	6.0	70	70	24	24	90	38	49	10(41)	85 7 77 17
		76	2	83	27(109)	23	23	71	71	2 75 27 83(250)
131.2	5.1	69	69	24	24	90	38	49	10(41)	85 7 77 17
		76	1	83	26(109)	23	23	71	71	1 75 27 83(250)
137.8	4.4	70	70	23	23	90	37	50	9(42)	86 6 77 17
		75	0	84	26(110)	22	22	71	71	0 75 27 84(249)

144.4 3.7 70 70 23 23 90 37 50 8(42) 86 5 78 16
 75 0 84 26(110) 22 22 71 71 0 74 26 85(249)
 150.9 3.1 69 69 23 23 90 36 49 8(42) 86 5 77 16
 75 0 84 25(110) 21 21 71 71 0 74 26 85(249)
 157.5 2.4 69 69 23 23 90 36 49 8(42) 85 5 77 16
 74 0 84 25(110) 21 21 70 70 0 73 26 84(249)

 HA= 96.5 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.8 7.9

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 100.4 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-100-100 % LK = 29

Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D		A	B	C
32.8	19.0	50	50	50	50	50	50	50	50(59)	50	50	50	50
		50	50	50	50(127)	50	50	50	50	50	50	50	50(232)
39.4	18.1	53	53	47	47	56	47	52	45(59)	55	44	54	46
		52	43	55	49(128)	47	47	53	53	43	52	49	55(232)
45.9	16.5	55	55	44	44	61	44	53	40(59)	59	40	57	42
		59	40	57	42(90)	44	44	55	55	40	59	42	57(270)
52.5	15.2	57	57	41	41	59	54	43	40(11)	62	35	60	39
		62	35	60	39(90)	41	41	57	57	35	62	39	60(270)
59.1	13.9	58	58	39	39	64	52	45	35(22)	65	32	62	36
		64	31	62	37(94)	39	39	59	59	31	64	37	63(265)
65.6	12.8	60	60	37	37	68	49	46	31(29)	68	29	64	34
		66	27	66	36(100)	37	37	61	61	27	65	36	66(259)
72.2	11.5	61	61	35	35	71	47	46	29(32)	70	26	65	32
		66	24	68	35(103)	35	35	62	62	24	66	35	68(256)
78.7	10.6	62	62	34	34	74	45	47	26(35)	72	23	67	30
		67	20	70	34(106)	33	33	63	63	20	67	35	71(253)
85.3	9.7	63	63	32	32	77	44	48	23(37)	74	21	69	28
		68	17	73	34(108)	31	31	64	64	17	68	34	73(251)
91.9	9.0	65	65	30	30	79	42	49	20(39)	77	18	71	26
		69	13	75	33(110)	30	30	66	66	13	69	33	75(249)
98.4	8.4	66	66	29	29	82	42	48	18(38)	79	15	72	24
		70	10	77	32(111)	28	28	67	67	10	69	32	78(248)
105.0	7.7	67	67	28	28	84	41	48	16(39)	81	13	74	22
		73	8	78	29(107)	27	27	68	68	8	73	29	78(252)
111.5	7.1	68	68	26	26	86	40	49	14(40)	82	11	75	20
		74	6	80	28(108)	25	25	69	69	6	73	29	80(251)
118.1	6.6	69	69	25	25	89	39	49	11(41)	85	8	77	19
		75	3	82	27(109)	24	24	70	70	3	75	28	82(250)
124.7	5.7	69	69	24	24	89	38	49	11(41)	85	8	77	18
		75	2	82	27(109)	23	23	70	70	2	75	28	83(250)
131.2	5.1	69	69	24	24	90	37	50	9(42)	86	7	77	17
		75	1	84	27(110)	22	22	71	71	1	75	28	84(249)
137.8	4.2	69	69	24	24	89	38	49	10(41)	85	7	77	17
		75	1	83	26(109)	22	22	70	70	1	75	27	83(250)
144.4	3.5	69	69	23	23	90	37	49	9(42)	85	6	77	17
		75	0	83	26(110)	22	22	70	70	0	74	27	83(249)

150.9 2.9 69 69 23 23 90 36 49 9(42) 85 6 77 17
 75 0 83 26(110) 22 22 70 70 0 74 27 83(249)
 157.5 2.4 69 69 22 22 90 36 49 8(42) 86 5 77 16
 74 0 85 25(110) 21 21 71 71 0 73 25 85(249)

 HA=100.4 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 6.9 7.9 7.9

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		6(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
32.8	18.7	50	50	50	50	51	50	50	49(59)	51	49	51	49	
		50	49	51	50(127)	49	49	51	51	49	50	50	51(232)	
39.4	18.1	54	54	46	46	57	46	52	44(59)	56	43	55	45	
		52	42	56	49(128)	46	46	54	54	42	52	49	56(232)	
45.9	17.2	56	56	43	43	56	56	43	43(0)	61	38	59	41	
		61	38	59	41(90)	43	43	57	57	38	61	41	59(270)	
52.5	16.3	59	59	40	40	64	52	45	36(21)	65	33	62	37	
		65	32	63	38(94)	40	40	59	59	32	65	38	63(265)	
59.1	15.4	61	61	37	37	70	49	47	31(30)	70	28	65	34	
		67	26	67	36(101)	37	37	62	62	26	67	37	67(258)	
65.6	14.3	63	63	35	35	74	47	48	27(35)	73	25	67	31	
		68	22	71	35(105)	34	34	63	63	22	68	35	71(254)	
72.2	13.4	65	65	32	32	78	44	49	23(38)	76	21	70	28	
		70	17	74	34(108)	32	32	65	65	17	69	34	74(251)	
78.7	12.3	66	66	31	31	82	43	50	20(40)	78	18	72	26	
		71	13	77	33(110)	30	30	67	67	13	70	34	77(249)	
85.3	11.7	68	68	28	28	85	42	49	17(39)	82	14	74	23	
		74	10	79	30(107)	28	28	69	69	10	74	30	79(252)	
91.9	10.8	69	69	27	27	88	41	50	14(40)	84	11	76	21	
		76	6	81	29(108)	26	26	70	70	6	75	29	82(251)	
98.4	9.5	69	69	26	26	88	40	50	13(41)	84	10	77	20	
		75	5	82	28(109)	25	25	70	70	5	75	29	82(250)	
105.0	8.2	69	69	26	26	88	39	50	12(41)	84	9	76	19	
		75	4	82	28(109)	25	25	70	70	4	75	29	82(250)	
111.5	7.1	69	69	25	25	89	39	50	11(41)	85	9	77	19	
		75	3	82	28(109)	24	24	70	70	3	75	28	82(250)	
118.1	6.2	69	69	24	24	89	38	49	11(41)	85	7	77	18	
		76	2	83	27(109)	23	23	71	71	2	75	28	83(250)	
124.7	5.3	69	69	24	24	90	38	49	10(41)	86	7	77	17	
		76	1	83	26(109)	23	23	71	71	1	75	27	83(250)	
131.2	4.4	69	69	24	24	90	37	50	9(42)	85	6	77	17	
		75	1	83	27(110)	22	22	71	71	1	74	27	84(249)	
137.8	3.7	69	69	23	23	90	37	50	9(42)	86	6	77	16	
		75	0	84	26(110)	22	22	71	71	0	74	26	84(249)	
144.4	2.9	69	69	23	23	89	36	49	9(42)	85	6	77	17	
		75	0	83	26(110)	22	22	70	70	0	74	27	83(249)	
150.9	2.2	69	69	23	23	89	36	49	9(42)	85	6	77	16	
		74	0	83	26(110)	22	22	70	70	0	73	26	83(249)	

HA=110.2 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.8 7.8

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 114.5 ft Length of jib = 82.0 ft
Main boom sequence = 0-0-0-45-100-100 % LK = 37
Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(180)						
	A	B	C	D	A	B	C	D					
39.4	17.6	53	53	46	46	57	46	52	44(59)	56	44	54	45
		52	43	56	49(128)	46	46	54	54	43	52	49	56(232)
45.9	16.5	56	56	43	43	62	43	53	39(59)	60	39	58	41
		60	39	58	41(90)	43	43	56	56	39	60	41	58(270)
52.5	15.4	58	58	41	41	62	53	44	38(17)	64	34	61	38
		64	34	61	38(90)	40	40	58	58	34	64	38	61(269)
59.1	14.1	60	60	38	38	66	50	45	33(26)	67	30	63	35
		65	29	64	37(98)	38	38	60	60	29	65	37	65(261)
65.6	13.0	61	61	36	36	70	48	46	30(31)	70	27	65	32
		66	24	68	36(103)	35	35	62	62	24	66	36	68(256)
72.2	12.1	63	63	34	34	75	46	47	26(35)	73	23	68	30
		68	20	71	35(106)	33	33	63	63	20	67	35	71(253)
78.7	11.0	64	64	32	32	77	44	49	23(38)	75	21	69	28
		69	17	73	34(108)	32	32	65	65	17	68	34	73(251)
85.3	10.1	65	65	30	30	80	43	49	20(39)	77	18	71	26
		69	13	76	33(110)	30	30	66	66	13	69	33	76(249)
91.9	9.5	67	67	29	29	83	42	49	17(39)	80	15	73	23
		71	10	78	32(111)	28	28	68	68	10	70	32	78(248)
98.4	8.8	68	68	27	27	86	41	49	15(40)	82	12	75	21
		74	7	80	29(108)	26	26	69	69	7	74	29	80(251)
105.0	8.2	69	69	26	26	88	39	50	12(41)	84	9	77	19
		75	4	82	28(109)	25	25	70	70	4	75	29	82(250)
111.5	7.1	69	69	25	25	89	39	50	11(41)	85	9	77	19
		75	3	82	28(109)	24	24	70	70	3	75	28	83(250)
118.1	6.2	69	69	24	24	90	38	49	10(41)	85	7	77	18
		76	2	83	27(109)	23	23	71	71	2	75	27	83(250)
124.7	5.3	70	70	24	24	90	37	50	10(42)	86	7	77	17
		75	1	84	27(110)	23	23	71	71	1	75	28	84(249)
131.2	4.4	69	69	23	23	90	37	50	9(42)	86	6	77	17
		75	1	83	27(110)	22	22	71	71	0	74	27	84(249)
137.8	3.5	69	69	23	23	89	37	49	9(41)	85	6	77	17
		75	1	83	26(109)	22	22	70	70	1	75	27	83(250)
144.4	2.9	69	69	23	23	90	36	49	9(42)	85	6	77	16
		75	0	83	26(110)	22	22	70	70	0	74	27	84(249)
150.9	2.2	69	69	23	23	90	36	49	9(42)	85	5	77	16
		74	0	84	26(110)	22	22	70	70	0	73	26	84(249)

HA=114.5 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.8 7.8

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 124.3 ft Length of jib = 82.0 ft
Main boom sequence = 0-0-0-90-90-90 % LK = 45

Counterweight = 48.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
39.4	17.2	53	53	46	46	57	46	52	44	(59)	56	43	54	45
		52	42	56	48(128)	46	46	54	54		42	52	48	56(232)
45.9	16.5	56	56	43	43	63	43	54	39	(59)	61	38	58	41
		61	38	58	41(90)	43	43	56	56		38	61	41	58(270)
52.5	15.9	59	59	40	40	64	52	45	36	(22)	66	33	62	37
		65	32	63	38(94)	39	39	59	59		32	65	38	63(265)
59.1	15.0	61	61	37	37	70	49	47	30	(31)	70	28	65	33
		67	26	67	36(102)	36	36	62	62		26	67	37	68(257)
65.6	14.3	64	64	34	34	76	46	48	26	(36)	74	23	69	30
		69	20	72	35(107)	34	34	64	64		20	68	35	72(252)
72.2	13.4	66	66	32	32	80	44	49	22	(39)	78	19	71	27
		70	15	76	34(109)	31	31	66	66		15	70	34	76(250)
78.7	12.6	67	67	30	30	83	43	49	18	(38)	81	16	73	24
		72	11	79	33(111)	29	29	68	68		11	71	33	79(248)
85.3	11.9	69	69	27	27	88	41	50	15	(40)	84	12	76	21
		76	7	81	29(108)	27	27	70	70		7	75	30	82(251)
91.9	10.4	69	69	26	26	88	41	50	13	(40)	84	11	76	20
		76	6	82	28(108)	26	26	70	70		6	75	29	82(251)
98.4	9.0	70	70	26	26	89	39	50	12	(41)	85	9	77	19
		76	4	82	28(109)	25	25	71	71		4	75	29	83(250)
105.0	7.7	69	69	25	25	89	39	50	12	(41)	85	9	77	19
		75	4	82	28(109)	24	24	70	70		3	75	28	83(250)
111.5	6.6	69	69	24	24	89	39	49	11	(41)	85	8	77	18
		75	3	83	27(109)	24	24	71	71		2	75	28	83(250)
118.1	5.7	70	70	24	24	90	37	50	10	(42)	86	7	77	17
		75	1	84	27(110)	23	23	71	71		1	75	28	84(249)
124.7	4.9	70	70	23	23	90	37	50	9	(42)	86	6	78	17
		75	0	84	27(110)	22	22	71	71		0	75	27	84(249)
131.2	4.0	70	70	23	23	90	37	50	9	(42)	86	6	78	16
		75	0	84	26(110)	22	22	71	71		0	74	27	84(249)
137.8	3.1	69	69	23	23	90	36	49	9	(42)	86	6	77	16
		75	0	84	26(110)	22	22	71	71		0	74	26	84(249)
144.4	2.4	69	69	22	22	90	36	49	8	(42)	86	5	77	16
		74	0	84	25(110)	21	21	71	71		0	73	26	85(249)

HA=124.3 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.8 7.9

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 130.9 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-100-100-100 % LK = 46

Counterweight = 48.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
39.4	16.3	52	52	47	47	56	46	51	45	(59)	55	44	54	46
		52	43	55	48(128)	46	46	53	53		43	52	48	55(232)

45.9	15.9	56	56	43	43	62	43	53	39(59)	60	38	58	41
		60	38	58	41(90)	43	43	56	56	38	60	41	58(270)
52.5	15.0	58	58	40	40	63	52	45	37(19)	64	34	61	38
		64	34	61	38(91)	40	40	58	58	33	64	38	61(268)
59.1	14.1	60	60	37	37	68	50	46	32(28)	68	29	64	34
		66	27	66	36(100)	37	37	61	61	27	66	37	66(259)
65.6	13.0	62	62	35	35	72	47	47	28(33)	71	25	66	31
		67	23	69	35(104)	35	35	63	63	23	67	35	69(255)
72.2	12.1	64	64	33	33	77	45	48	24(37)	75	22	69	29
		69	18	73	34(107)	32	32	64	64	18	68	34	73(252)
78.7	11.5	66	66	31	31	81	42	50	20(40)	78	18	71	26
		70	13	76	33(110)	30	30	66	66	13	70	34	76(249)
85.3	10.6	67	67	29	29	84	42	49	17(39)	80	15	73	23
		71	10	79	32(111)	28	28	68	68	10	71	32	79(248)
91.9	9.7	68	68	27	27	86	41	49	15(40)	83	12	75	21
		75	7	80	29(108)	26	26	69	69	7	74	30	80(251)
98.4	8.8	69	69	26	26	88	39	50	13(41)	85	10	77	19
		75	5	82	28(109)	25	25	70	70	4	75	29	82(250)
105.0	7.7	70	70	25	25	89	39	50	11(41)	85	8	77	19
		76	3	83	28(109)	24	24	71	71	3	75	28	83(250)
111.5	6.6	70	70	24	24	90	38	49	11(41)	86	7	77	18
		76	2	83	27(109)	23	23	71	71	2	75	28	83(250)
118.1	5.5	69	69	24	24	90	38	49	10(41)	85	7	77	17
		76	2	83	27(109)	23	23	71	71	2	75	27	83(250)
124.7	4.6	69	69	24	24	90	37	50	9(42)	86	6	77	17
		75	1	84	27(110)	22	22	71	71	0	75	27	84(249)
131.2	3.7	69	69	23	23	90	37	50	9(42)	86	6	77	17
		75	0	84	26(110)	22	22	71	71	0	74	27	84(249)
137.8	2.9	69	69	23	23	90	36	49	9(42)	85	6	77	17
		75	0	83	26(110)	22	22	70	70	0	74	27	83(249)
144.4	2.2	69	69	23	23	90	36	49	8(42)	85	5	77	16
		74	0	84	26(110)	21	21	70	70	0	73	26	84(249)

 HA=130.9 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.8 7.8

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)	2(...)			3(90)	4(...)							
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	16.1	56	56	42	42	58	55	43	41(5)	62	37	59	40
		62	37	59	40(90)	42	42	57	57	37	62	40	59(270)
52.5	15.4	59	59	39	39	65	51	45	35(24)	66	32	63	36
		65	31	64	37(96)	39	39	60	60	31	65	37	64(263)
59.1	14.8	62	62	36	36	72	48	47	29(32)	71	27	66	32
		67	24	69	36(103)	36	36	63	63	24	67	36	69(256)
65.6	14.1	65	65	33	33	78	45	49	24(37)	75	22	70	29
		69	18	73	35(108)	33	33	65	65	18	69	35	74(251)
72.2	13.4	67	67	30	30	83	43	50	20(40)	80	17	73	25
		71	13	78	34(111)	30	30	67	67	13	70	34	78(248)

78.7	12.8	69	69	28	28	87	42	50	16(40)	83	13	76	22
	75	8	81	30(108)		27	27	70	70	8	75	30	81(251)
85.3	11.2	70	70	27	27	88	41	50	14(40)	84	11	77	21
	76	6	82	29(108)		26	26	70	70	6	75	29	82(251)
91.9	9.7	70	70	26	26	89	40	50	13(41)	85	10	77	20
	76	5	82	28(109)		25	25	71	71	4	75	29	83(250)
98.4	8.2	69	69	25	25	89	39	50	12(41)	85	9	77	19
	75	4	82	28(109)		24	24	70	70	4	75	28	83(250)
105.0	7.1	70	70	24	24	90	39	50	11(41)	86	8	77	18
	76	2	83	27(109)		24	24	71	71	2	75	28	83(250)
111.5	6.0	70	70	24	24	90	38	49	10(41)	86	7	77	17
	76	2	83	27(109)		23	23	71	71	1	75	27	84(250)
118.1	4.9	69	69	24	24	90	37	50	9(42)	86	6	77	17
	75	1	84	27(110)		22	22	71	71	1	75	27	84(249)
124.7	4.0	70	70	23	23	90	37	50	9(42)	86	6	77	16
	75	0	84	26(110)		22	22	71	71	0	75	27	84(249)
131.2	3.1	69	69	23	23	90	36	49	8(42)	86	5	77	16
	75	0	84	26(110)		22	22	71	71	0	74	26	85(249)

HA=138.1 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.8 7.9

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 145.0 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-45-100-100-100 % LK = 55

Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
45.9	15.0	55	55	43	43	62	43	53	39(59)	60	38	58	41
	60	38	58	41(90)		43	43	56	56	38	60	41	58(270)
52.5	14.8	59	59	39	39	64	52	45	35(22)	65	32	62	37
	65	32	63	37(94)		39	39	59	59	32	64	38	63(265)
59.1	13.9	61	61	37	37	70	49	46	30(30)	69	28	65	33
	66	26	67	36(102)		36	36	62	62	26	66	36	67(257)
65.6	13.2	63	63	34	34	75	46	48	26(36)	74	23	68	30
	69	20	72	35(106)		34	34	64	64	20	68	35	72(253)
72.2	12.3	65	65	32	32	80	43	49	22(39)	77	19	71	27
	70	15	75	34(109)		31	31	66	66	15	69	34	75(250)
78.7	11.7	67	67	29	29	84	43	49	18(39)	81	15	74	24
	72	10	79	32(111)		28	28	68	68	10	71	33	79(248)
85.3	10.8	69	69	27	27	87	41	50	15(40)	84	12	76	21
	75	7	81	29(108)		26	26	70	70	7	75	30	81(251)
91.9	9.5	69	69	26	26	88	40	50	13(41)	84	10	77	20
	75	5	82	28(109)		25	25	70	70	5	75	29	82(250)
98.4	7.9	69	69	26	26	88	39	50	12(41)	84	9	76	19
	75	4	82	28(109)		25	25	70	70	4	75	29	82(250)
105.0	6.6	69	69	25	25	88	39	49	12(41)	84	9	76	19
	75	4	82	28(109)		24	24	70	70	3	74	28	82(250)
111.5	5.5	69	69	24	24	88	38	49	11(41)	84	8	77	18
	75	3	82	27(109)		23	23	70	70	2	74	28	82(250)
118.1	4.6	69	69	24	24	89	38	49	10(41)	85	7	77	17
	75	1	83	26(109)		23	23	70	70	1	75	27	83(250)

124.7 3.7 69 69 23 23 90 37 50 9(42) 85 6 77 17
 75 0 83 27(110) 22 22 71 71 0 74 27 84(249)
 131.2 2.9 69 69 23 23 90 36 49 9(42) 85 6 77 16
 75 0 83 26(110) 22 22 70 70 0 74 27 84(249)

 HA=145.0 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.7 7.8

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
45.9	15.0	56	56	42	42	57	55	43	42(3)	61	37	58	40
		61	37	58	40(90)	42	42	56	56	37	61	40	58(270)
52.5	14.8	59	59	39	39	66	51	45	34(25)	67	31	63	36
		65	30	64	37(97)	38	38	60	60	30	65	37	64(262)
59.1	14.1	62	62	36	36	72	48	47	28(33)	71	26	66	32
		67	24	69	36(104)	35	35	63	63	23	67	36	69(255)
65.6	13.7	65	65	33	33	78	45	49	23(38)	76	21	70	28
		70	17	74	34(108)	32	32	65	65	17	69	35	74(251)
72.2	13.0	67	67	30	30	83	44	49	19(38)	80	16	73	24
		71	12	78	33(111)	29	29	68	68	12	71	34	79(248)
78.7	11.7	69	69	28	28	86	42	49	16(39)	82	13	75	22
		75	9	80	30(107)	28	28	69	69	9	75	30	80(252)
85.3	9.9	69	69	27	27	86	41	49	15(40)	83	12	75	21
		75	7	80	29(108)	26	26	69	69	7	74	30	81(251)
91.9	8.4	69	69	26	26	87	40	49	14(40)	83	11	75	20
		75	6	81	28(108)	26	26	69	69	6	74	29	81(251)
98.4	7.1	69	69	26	26	88	39	50	13(41)	84	10	76	19
		75	5	81	28(109)	25	25	70	70	4	74	29	82(250)
105.0	5.7	68	68	25	25	88	39	49	12(41)	84	9	76	19
		74	4	81	28(109)	24	24	69	69	4	74	28	82(250)
111.5	4.6	68	68	25	25	88	38	49	11(41)	84	8	76	18
		74	3	82	27(109)	24	24	69	69	3	74	28	82(250)
118.1	3.7	69	69	24	24	88	38	49	10(41)	84	7	76	17
		75	2	82	27(109)	23	23	70	70	2	74	27	82(250)
124.7	2.9	69	69	24	24	89	37	49	10(41)	84	6	77	17
		75	1	82	26(109)	22	22	70	70	1	74	27	83(250)

 HA=152.2 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.7 7.7

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 161.4 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D

52.5	13.0	58	58	40	40	62	52	44	37(18)	63	33	61	37
		63	33	61	37(91)	39	39	58	58	33	63	38	61(268)
59.1	13.0	61	61	36	36	70	48	47	30(31)	69	27	65	33
		66	25	67	36(102)	36	36	61	61	25	66	36	67(257)
65.6	12.6	64	64	34	34	76	45	48	25(36)	74	22	69	29
		68	19	72	35(107)	33	33	64	64	19	68	35	72(252)
72.2	12.1	66	66	31	31	82	42	50	20(40)	79	18	72	26
		71	13	77	33(110)	30	30	67	67	13	70	34	77(249)
78.7	11.2	68	68	28	28	85	42	49	17(39)	82	14	75	23
		75	9	79	30(107)	28	28	69	69	9	74	30	79(252)
85.3	9.5	68	68	28	28	86	41	49	15(40)	82	13	75	22
		74	8	80	29(108)	27	27	69	69	8	73	30	80(251)
91.9	7.9	68	68	27	27	86	40	49	14(40)	82	11	75	21
		74	7	80	29(108)	26	26	69	69	7	74	29	80(251)
98.4	6.6	68	68	26	26	86	40	49	13(40)	83	10	75	20
		74	6	80	28(108)	25	25	69	69	5	74	28	81(251)
105.0	5.3	68	68	26	26	86	39	49	13(40)	83	10	75	19
		74	5	80	28(108)	24	24	69	69	5	74	28	80(251)
111.5	4.4	68	68	25	25	88	38	49	11(41)	84	8	76	18
		74	3	82	27(109)	24	24	69	69	3	74	28	82(250)
118.1	3.3	68	68	24	24	87	38	49	11(41)	83	8	76	18
		74	3	81	27(109)	23	23	69	69	2	73	28	82(250)
124.7	2.4	68	68	24	24	88	37	49	10(41)	84	7	76	18
		74	2	81	26(109)	23	23	69	69	2	73	27	82(250)

 HA=161.4 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.1 6.9 7.6 7.6

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B C D	A B C D	A B C D	A B C D	A B C D							
52.5	14.1	60	60	38	38	67	50	45	33(26)	67	30	63	35
		65	29	65	37(98)	38	38	60	60	29	65	37	65(261)
59.1	13.9	63	63	35	35	74	47	48	27(35)	73	24	67	31
		68	21	71	35(106)	34	34	63	63	21	67	36	71(253)
65.6	13.4	66	66	32	32	81	44	50	21(39)	78	19	71	27
		70	15	76	34(110)	31	31	67	67	15	70	34	76(249)
72.2	12.1	67	67	29	29	83	43	49	18(38)	81	16	73	24
		72	11	79	33(111)	29	29	68	68	11	71	33	79(248)
78.7	10.1	67	67	28	28	84	42	49	17(39)	81	14	74	23
		74	10	78	30(107)	28	28	68	68	9	73	30	79(252)
85.3	8.4	67	67	28	28	84	41	49	16(39)	81	13	74	22
		74	8	79	29(107)	27	27	68	68	8	73	29	79(252)
91.9	6.8	67	67	27	27	85	40	49	15(40)	82	12	74	21
		73	7	79	29(108)	26	26	68	68	7	73	29	80(251)
98.4	5.5	67	67	26	26	85	40	49	14(40)	82	11	75	20
		74	6	80	28(108)	25	25	69	69	6	73	28	80(251)
105.0	4.4	68	68	25	25	86	39	48	13(40)	82	9	75	19
		74	4	80	27(108)	24	24	69	69	4	73	28	80(251)

111.5 3.3 68 68 25 25 86 38 49 12(41) 82 9 75 19
 73 4 80 27(109) 24 24 69 69 3 73 28 81(250)
 118.1 2.2 67 67 25 25 86 38 49 11(41) 82 8 75 19
 73 3 80 27(109) 23 23 69 69 3 73 28 80(250)

HA=166.0 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.8 7.5 7.5

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 175.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.											
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)										
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D							
52.5	12.1	57	57	39	39	62	52	44	36(19)	64	33	61	37	63	32	61	37(92)	39	39	58	58	32	63	37	61(267)
59.1	12.1	61	61	36	36	70	48	46	30(31)	69	27	65	32	66	25	67	35(102)	35	35	62	62	24	66	36	67(257)
65.6	12.1	64	64	33	33	77	45	48	23(37)	75	21	69	28	69	17	73	34(108)	32	32	65	65	17	69	34	74(251)
72.2	11.7	67	67	30	30	83	43	49	19(38)	80	16	73	24	71	11	78	33(111)	29	29	68	68	11	71	33	78(248)
78.7	9.7	67	67	29	29	83	42	49	17(39)	80	15	73	23	71	10	78	32(111)	28	28	68	68	10	71	32	79(248)
85.3	7.9	67	67	28	28	84	41	49	16(39)	80	13	73	22	73	9	78	29(107)	27	27	68	68	9	73	30	78(252)
91.9	6.4	67	67	27	27	84	41	48	15(39)	81	12	74	21	73	8	78	29(107)	26	26	68	68	8	73	29	78(252)
98.4	5.1	67	67	26	26	84	40	49	14(40)	81	11	74	21	73	7	79	28(108)	25	25	68	68	6	72	29	79(251)
105.0	4.0	67	67	26	26	85	39	48	13(40)	81	10	74	20	73	5	79	28(108)	25	25	68	68	5	73	28	80(251)
111.5	2.9	67	67	25	25	85	39	48	13(40)	82	9	74	19	73	5	79	27(108)	24	24	68	68	4	73	28	80(251)

HA=175.5 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.8 7.4 7.4

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 180.1 ft Length of jib = 82.0 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.											
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)										
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D							
59.1	12.8	63	63	35	35	74	47	47	27(34)	72	24	67	31	68	21	70	35(105)	34	34	63	63	21	67	35	71(254)
65.6	12.8	66	66	31	31	81	43	50	21(40)	78	18	72	26	71	14	77	34(110)	30	30	67	67	14	70	34	77(249)
72.2	10.6	66	66	30	30	82	43	49	19(38)	79	16	72	24	70	12	77	33(111)	29	29	67	67	12	70	33	78(248)

78.7 8.6 66 66 29 29 82 42 48 18(38) 79 15 73 23
 70 10 78 32(111) 28 28 67 67 10 70 32 78(248)
 85.3 7.1 67 67 28 28 83 41 48 16(39) 80 13 73 22
 73 9 78 29(107) 27 27 67 67 9 72 30 78(252)
 91.9 5.5 67 67 27 27 83 41 48 15(39) 80 12 73 21
 73 8 78 28(107) 26 26 67 67 8 72 29 78(252)
 98.4 4.2 67 67 26 26 84 39 48 14(40) 80 11 73 21
 73 7 78 28(108) 25 25 68 68 6 72 29 79(251)
 105.0 3.1 67 67 26 26 84 39 48 13(40) 81 10 74 20
 73 5 79 28(108) 24 24 68 68 5 72 28 79(251)

 HA=180.1 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.3 7.4

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 191.9 ft Length of jib = 82.0 ft
 Main boom sequence = 0-100-100-100-100-100 % LK = 74
 Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		6(...)		
	A	B	C	D	A	B	C	D	
59.1 10.6	60	60	36	36	69	48	46	30(30)	68 27 64 33
	66	25	66	35(101)	35	35	61	61	25 65 35 66(258)
65.6 10.6	63	63	33	33	76	44	48	24(37)	74 21 69 28
	68	18	72	34(107)	32	32	64	64	18 68 34 72(252)
72.2 9.9	66	66	30	30	80	44	48	20(37)	78 17 72 25
	70	13	76	33(110)	29	29	66	66	13 69 33 77(249)
78.7 7.9	66	66	29	29	81	42	48	19(38)	78 16 72 24
	69	11	77	32(111)	28	28	67	67	11 69 33 77(248)
85.3 6.4	66	66	28	28	82	42	48	17(38)	79 14 72 23
	72	10	77	29(106)	27	27	67	67	10 72 30 77(253)
91.9 4.9	66	66	28	28	82	41	48	16(39)	79 13 72 22
	72	9	77	29(107)	26	26	67	67	9 71 29 77(252)
98.4 3.5	66	66	27	27	82	40	47	15(39)	79 12 73 21
	72	8	77	28(107)	26	26	67	67	8 71 29 77(252)
105.0 2.4	66	66	26	26	83	40	47	14(39)	80 11 73 21
	72	7	78	28(107)	25	25	67	67	7 72 28 78(252)

 HA=191.9 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.2 7.2

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 193.9 ft Length of jib = 82.0 ft
 Main boom sequence = 45-90-90-90-90-90 % LK = 76
 Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		6(...)		
	A	B	C	D	A	B	C	D	
59.1 11.5	62	62	34	34	73	46	47	26(34)	72 24 67 30
	67	21	70	35(105)	34	34	63	63	21 67 35 70(254)
65.6 11.0	65	65	31	31	80	43	49	21(39)	77 19 71 26
	70	15	75	33(109)	30	30	66	66	15 69 34 75(250)

72.2 8.8 65 65 30 30 80 43 48 20(37) 78 17 71 25
 69 13 76 32(110) 29 29 66 66 13 69 33 76(249)
 78.7 6.8 65 65 29 29 80 42 48 19(38) 78 16 71 24
 69 11 76 32(111) 28 28 66 66 11 69 33 77(248)
 85.3 5.3 65 65 28 28 81 41 47 17(38) 78 14 72 23
 69 9 77 31(111) 27 27 66 66 9 69 32 77(248)
 91.9 3.7 65 65 28 28 81 40 47 16(39) 78 13 72 22
 71 9 76 29(107) 26 26 66 66 9 71 29 77(252)
 98.4 2.4 65 65 27 27 82 40 47 15(39) 78 12 72 21
 71 8 77 28(107) 26 26 66 66 8 71 29 77(252)

 HA=193.9 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.2

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 205.7 ft Length of jib = 82.0 ft
 Main boom sequence = 45-100-100-100-100-100 % LK = 77
 Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)		2(...)		3(90)		6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D
65.6 9.3	63	63	33	33	76	44	48	24(37)	73	21	68	28
	68	18	72	34(107)	32	32	64	64	18	67	34	72(252)
72.2 8.2	65	65	30	30	79	42	49	20(39)	77	18	70	26
	69	13	75	33(110)	30	30	65	65	13	68	33	75(249)
78.7 6.4	65	65	29	29	79	43	47	19(37)	77	16	71	24
	69	12	76	32(110)	28	28	66	66	11	69	32	76(249)
85.3 4.6	65	65	29	29	80	41	47	18(38)	77	15	71	24
	68	10	76	32(111)	28	28	66	66	10	68	32	76(248)
91.9 3.3	65	65	28	28	80	41	47	17(38)	78	14	71	22
	71	10	76	29(106)	27	27	66	66	9	71	29	76(253)

 HA=205.7 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.5 6.6 7.0 7.1

HA=205.7 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=205.7 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02
 14.10.2003, 15:45:01
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H

DEMAG Mobile Cranes
 O U T R I G G E R - L O A D I N G S
 (Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer KS

 Outrigger width = 18.7 ft Outrigger length = 27.7 ft

Outrigger "A"	X = 12.0 ft	Outrigger "A"	Y = 9.4 ft
Outrigger "B"	X = 12.0 ft	Outrigger "B"	Y = -9.4 ft
Outrigger "C"	X = -15.7 ft	Outrigger "C"	Y = 9.4 ft
Outrigger "D"	X = -15.7 ft	Outrigger "D"	Y = -9.4 ft

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 40.7 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-0 % LK = 1
 Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
	4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D		
39.4	17.2	48	48	51	51	47	50	49	52(59)	47	51	48	51
		49	52	48	50(128)	51	51	49	49	52	49	50	48(232)
45.9	15.4	50	50	49	49	51	48	50	48(59)	50	47	50	48
		50	47	51	49(127)	48	48	50	50	47	50	49	51(232)
52.5	14.3	52	52	46	46	55	46	51	44(59)	54	43	53	45
		51	43	54	48(128)	45	45	52	52	43	51	48	54(232)
59.1	13.0	53	53	44	44	58	44	52	41(59)	57	40	55	43
		52	39	57	47(128)	43	43	54	54	39	52	47	57(232)
65.6	12.1	55	55	42	42	55	55	42	41(1)	60	36	58	40
		60	36	58	40(90)	41	41	56	56	36	60	40	58(270)
72.2	11.2	57	57	40	40	60	52	43	37(17)	63	33	60	37
		63	33	60	37(90)	39	39	57	57	33	62	37	60(269)
78.7	10.4	58	58	38	38	64	50	44	33(24)	65	30	62	35
		64	29	63	36(96)	37	37	59	59	29	64	36	63(263)
85.3	9.9	60	60	35	35	69	47	46	29(31)	69	26	64	32
		65	24	67	35(102)	35	35	61	61	24	65	35	67(257)
91.9	9.3	62	62	34	34	72	46	46	26(34)	71	23	66	30
		67	20	69	34(105)	33	33	62	62	20	66	34	69(254)
98.4	8.8	63	63	32	32	76	44	47	22(37)	74	20	69	27
		68	16	73	33(108)	31	31	64	64	16	67	34	73(251)
105.0	8.4	65	65	30	30	80	43	47	19(37)	77	17	71	25
		69	12	76	32(110)	29	29	66	66	12	69	33	76(249)

HA= 40.7 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.0 7.1

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
	4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D		
39.4	17.2	48	48	51	51	47	50	49	52(59)	47	51	48	51
		49	52	48	50(128)	51	51	49	49	52	49	50	48(232)
45.9	15.9	50	50	48	48	52	48	50	47(59)	51	47	51	48
		50	47	52	49(128)	48	48	51	51	47	50	49	52(232)
52.5	14.6	52	52	46	46	55	46	51	44(59)	54	43	54	45
		51	42	55	48(128)	45	45	52	52	42	51	48	55(232)

59.1	13.7	54	54	43	43	60	43	52	40(59)	58	39	56	42
		58	39	56	42(90)	43	43	55	55	39	58	42	56(270)
65.6	12.6	56	56	41	41	57	54	43	40(7)	61	36	58	39
		61	36	58	39(90)	41	41	56	56	36	61	39	58(270)
72.2	11.7	57	57	39	39	62	51	44	36(20)	63	32	60	37
		63	32	61	37(92)	39	39	58	58	32	63	37	61(267)
78.7	11.0	59	59	37	37	66	49	45	32(27)	67	29	63	34
		65	27	64	36(99)	36	36	60	60	27	64	36	65(260)
85.3	10.4	61	61	35	35	70	47	46	28(32)	69	26	65	32
		66	23	67	35(103)	34	34	61	61	23	66	35	68(256)
91.9	9.7	62	62	33	33	74	45	47	25(35)	72	22	67	29
		67	19	70	34(106)	33	33	63	63	19	67	34	71(253)
98.4	9.0	63	63	32	32	77	43	48	22(38)	75	20	69	27
		68	16	73	33(108)	31	31	64	64	16	68	34	73(251)
105.0	8.6	65	65	30	30	80	43	47	19(37)	77	17	71	25
		69	12	76	32(110)	29	29	66	66	12	69	33	76(249)
111.5	8.2	67	67	28	28	83	41	48	16(39)	80	13	73	22
		73	9	78	29(107)	27	27	68	68	9	73	30	78(252)
118.1	7.7	68	68	26	26	87	40	49	13(40)	83	10	75	20
		75	6	81	28(108)	25	25	69	69	5	74	28	81(251)

 HA= 54.5 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.9 7.5 7.5

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
45.9	15.7	50	50	48	48	51	48	50	48(59)	51	47	51	48
		50	47	51	49(127)	48	48	50	50	47	50	49	51(232)
52.5	14.6	52	52	46	46	55	46	51	44(59)	54	43	54	45
		51	42	55	48(128)	45	45	52	52	42	51	48	55(232)
59.1	13.4	54	54	44	44	59	43	52	40(59)	58	39	56	42
		58	39	56	42(90)	43	43	54	54	39	58	42	56(270)
65.6	12.3	55	55	41	41	56	54	42	41(4)	60	36	58	39
		60	36	58	39(90)	41	41	56	56	36	60	39	58(270)
72.2	11.0	56	56	40	40	59	52	43	38(14)	62	34	59	38
		62	34	59	38(90)	39	39	57	57	34	62	38	59(270)
78.7	10.1	58	58	38	38	63	50	44	34(23)	64	31	61	35
		63	30	62	36(95)	37	37	58	58	30	63	37	62(264)
85.3	9.5	59	59	36	36	67	48	45	31(28)	67	28	63	33
		65	26	65	35(100)	35	35	60	60	26	64	36	65(259)
91.9	8.6	60	60	35	35	69	47	45	28(31)	69	25	64	32
		65	23	67	35(103)	34	34	61	61	23	65	35	67(256)
98.4	7.9	61	61	34	34	72	45	46	26(34)	71	23	66	30
		66	20	69	34(105)	33	33	62	62	20	66	34	69(254)
105.0	7.5	63	63	32	32	75	43	47	23(37)	73	20	68	27
		67	16	72	33(108)	31	31	63	63	16	67	34	72(251)
111.5	7.1	64	64	30	30	78	42	48	20(39)	76	17	70	25
		69	13	74	32(109)	29	29	65	65	13	68	33	75(250)

118.1 6.4 65 65 29 29 80 42 47 18(38) 77 15 71 24
 69 11 76 32(110) 28 28 66 66 11 69 32 76(249)
 124.7 6.2 67 67 27 27 84 41 48 15(39) 80 12 73 21
 73 8 78 28(107) 26 26 68 68 7 73 29 78(252)
 131.2 5.7 68 68 26 26 86 39 49 13(40) 82 10 75 20
 74 5 80 28(108) 24 24 69 69 5 73 28 80(251)

 HA= 68.6 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.8 7.5 7.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 70.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-100 % LK = 14
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		6(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
45.9	14.8	49	49	49	49	49	49	49	49(59)	49	48	50	49	
		49	48	50	49(127)	49	49	50	50	48	49	49	50(232)	
52.5	13.2	50	50	47	47	52	46	50	45(59)	52	45	52	46	
		50	44	52	48(128)	46	46	51	51	44	50	48	52(232)	
59.1	11.9	52	52	45	45	55	45	51	43(59)	54	42	53	44	
		51	41	55	47(128)	44	44	52	52	41	51	47	55(232)	
65.6	10.8	53	53	43	43	58	43	52	40(59)	57	39	55	41	
		51	37	57	46(128)	42	42	54	54	37	51	46	57(232)	
72.2	9.7	54	54	41	41	60	41	52	37(59)	59	36	57	39	
		59	36	57	39(90)	41	41	55	55	36	59	39	57(270)	
78.7	8.8	55	55	40	40	58	52	42	38(12)	61	34	58	37	
		61	34	58	37(90)	39	39	56	56	34	61	37	58(270)	
85.3	8.2	56	56	38	38	62	50	43	34(21)	63	31	60	35	
		63	30	61	36(93)	37	37	58	58	30	62	36	61(266)	
91.9	7.5	58	58	37	37	65	49	44	32(26)	65	28	62	34	
		63	27	63	35(98)	36	36	59	59	27	63	35	63(261)	
98.4	6.8	59	59	35	35	67	47	45	29(30)	67	26	63	32	
		64	24	65	34(101)	34	34	60	60	24	64	35	65(258)	
105.0	6.4	60	60	34	34	71	45	45	26(33)	69	23	65	30	
		65	21	68	34(104)	33	33	61	61	21	65	34	68(255)	
111.5	6.0	62	62	32	32	74	43	47	24(36)	72	21	67	28	
		66	17	70	33(107)	31	31	63	63	17	66	34	71(252)	
118.1	5.5	63	63	31	31	76	42	47	21(38)	74	18	68	26	
		67	15	73	32(108)	30	30	64	64	15	67	33	73(251)	
124.7	5.1	64	64	29	29	78	42	47	19(37)	76	16	70	24	
		68	12	75	32(110)	28	28	65	65	12	67	32	75(249)	
131.2	4.9	65	65	28	28	82	40	48	16(39)	79	13	72	22	
		72	9	77	29(107)	26	26	67	67	9	71	29	77(252)	
137.8	4.4	66	66	26	26	84	39	48	14(40)	80	11	73	21	
		73	6	78	28(108)	25	25	68	68	6	72	29	79(251)	

 HA= 70.2 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.3 7.3

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 82.3 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20

Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.						
	1(0)				2(...)					3(90)					
	4(...)				5(180)					6(...)					
A	B	C	D	A	B	C	D	A	B	C	D				
45.9	15.7	50	50	48	48	52	48	50	47	(59)	51	47	51	48	
		50	47	52	49	(128)	48	48	51	51	47	50	49	52	(232)
52.5	14.8	53	53	45	45	56	45	52	43	(59)	55	42	54	44	
		52	41	56	48	(128)	45	45	53	53	41	52	48	56	(232)
59.1	13.7	54	54	43	43	60	43	52	39	(59)	58	39	57	41	
		58	39	57	41	(90)	43	43	55	55	39	58	41	57	(270)
65.6	12.8	56	56	41	41	59	53	43	39	(12)	62	35	59	39	
		62	35	59	39	(90)	40	40	57	57	35	62	39	59	(270)
72.2	11.7	58	58	39	39	63	51	44	35	(21)	64	32	61	36	
		63	31	62	37	(94)	38	38	58	58	31	63	37	62	(265)
78.7	10.8	59	59	37	37	67	49	45	32	(28)	67	29	63	34	
		65	27	65	36	(99)	36	36	60	60	27	65	36	65	(260)
85.3	9.9	60	60	35	35	69	47	46	29	(31)	69	26	65	32	
		65	24	67	35	(103)	35	35	61	61	23	65	35	67	(256)
91.9	9.3	62	62	34	34	73	45	47	26	(35)	71	23	67	30	
		67	20	70	34	(106)	33	33	63	63	20	66	35	70	(253)
98.4	8.6	63	63	32	32	76	44	47	23	(37)	74	20	68	28	
		68	17	72	34	(108)	31	31	64	64	17	67	34	72	(251)
105.0	7.9	64	64	30	30	78	42	48	21	(39)	76	18	70	26	
		69	14	74	32	(109)	30	30	65	65	14	68	33	75	(250)
111.5	7.5	66	66	29	29	81	42	48	18	(38)	78	15	72	23	
		70	10	77	32	(111)	28	28	67	67	10	69	32	77	(248)
118.1	7.1	67	67	27	27	84	41	48	15	(39)	81	12	74	21	
		73	8	78	28	(107)	26	26	68	68	8	73	29	79	(252)
124.7	6.6	68	68	26	26	87	40	49	13	(40)	83	10	75	19	
		75	5	81	28	(108)	24	24	69	69	5	74	28	81	(251)
131.2	6.0	69	69	25	25	88	38	49	11	(41)	84	8	76	18	
		75	3	82	27	(109)	24	24	70	70	3	74	28	82	(250)
137.8	5.1	69	69	24	24	88	38	49	11	(41)	84	7	76	18	
		75	2	82	27	(109)	23	23	70	70	2	74	27	82	(250)
144.4	4.4	69	69	24	24	89	38	49	10	(41)	85	6	77	17	
		75	1	83	26	(109)	22	22	70	70	1	75	27	83	(250)

HA= 82.3 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.7 7.7

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 84.0 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-45-100 % LK = 21

Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.						
	1(0)				2(...)					3(90)					
	4(...)				5(180)					6(...)					
A	B	C	D	A	B	C	D	A	B	C	D				
45.9	15.0	50	50	49	49	50	48	50	48	(59)	50	48	50	48	
		49	47	50	49	(127)	48	48	50	50	47	49	49	50	(232)
52.5	13.4	51	51	46	46	54	46	50	45	(59)	53	44	52	46	
		50	43	53	48	(128)	46	46	52	52	43	50	48	53	(232)

59.1	12.3	53	53	44	44	57	44	51	41(59)	56	41	54	43
		51	39	56	47(128)	44	44	53	53	39	51	47	56(232)
65.6	11.2	54	54	42	42	60	42	52	38(59)	58	37	56	41
		58	37	56	41(90)	42	42	55	55	37	58	41	56(270)
72.2	10.4	56	56	40	40	58	53	42	39(11)	61	34	58	38
		61	34	58	38(90)	40	40	56	56	34	61	38	58(270)
78.7	9.3	56	56	39	39	61	51	43	35(19)	63	32	60	36
		62	32	60	37(91)	38	38	57	57	32	62	37	60(268)
85.3	8.6	58	58	37	37	65	49	44	32(26)	65	29	62	34
		64	28	63	35(97)	36	36	59	59	28	63	36	63(262)
91.9	7.9	59	59	35	35	68	47	45	29(30)	67	26	63	32
		65	24	65	35(101)	35	35	60	60	24	64	35	66(258)
98.4	7.5	61	61	34	34	71	45	46	26(34)	70	23	65	30
		66	21	69	34(105)	33	33	62	62	20	65	34	69(254)
105.0	6.8	62	62	32	32	74	44	47	24(36)	72	21	67	28
		67	18	71	33(107)	31	31	63	63	18	66	34	71(252)
111.5	6.4	63	63	31	31	77	42	47	21(38)	74	19	69	26
		67	15	73	33(109)	30	30	64	64	14	67	33	73(250)
118.1	6.0	64	64	29	29	79	42	47	19(37)	77	16	70	24
		69	12	75	32(110)	28	28	65	65	11	68	32	75(249)
124.7	5.5	65	65	28	28	81	41	47	17(38)	79	14	72	22
		72	9	76	29(106)	27	27	67	67	9	72	29	77(253)
131.2	5.3	67	67	26	26	85	39	48	14(40)	82	11	74	20
		73	6	79	28(108)	25	25	68	68	6	73	28	80(251)
137.8	4.9	68	68	25	25	87	38	49	12(41)	83	9	76	19
		74	3	81	27(109)	24	24	69	69	3	73	28	81(250)
144.4	4.4	69	69	24	24	89	38	49	10(41)	85	7	77	17
		75	1	83	26(109)	22	22	70	70	1	75	27	83(250)
150.9	3.7	69	69	23	23	90	37	50	9(42)	86	6	77	16
		75	0	84	26(110)	22	22	71	71	0	74	27	84(249)

 HA= 84.0 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 6.9 7.8 7.8

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)				6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
52.5	14.6	53	53	45	45	56	45	52	43(59)	55	42	54	44
		52	41	56	48(128)	45	45	53	53	41	52	48	56(232)
59.1	13.7	55	55	43	43	61	43	53	39(59)	59	38	57	41
		59	38	57	41(90)	42	42	55	55	38	59	41	57(270)
65.6	12.8	57	57	40	40	60	53	43	38(14)	62	34	60	38
		62	34	60	38(90)	40	40	57	57	34	62	38	60(270)
72.2	11.9	58	58	38	38	65	50	45	34(24)	65	31	62	35
		64	30	63	37(96)	38	38	59	59	30	64	37	63(263)
78.7	11.0	60	60	36	36	68	48	46	30(30)	68	28	64	33
		65	26	66	35(101)	36	36	60	60	25	65	36	66(258)
85.3	10.1	61	61	35	35	71	47	46	27(33)	70	25	66	31
		66	22	68	35(104)	34	34	62	62	22	66	35	69(255)

91.9	9.5	63	63	33	33	75	45	47	24(36)	73	22	68	28
		67	18	71	34(107)	32	32	63	63	18	67	34	71(252)
98.4	9.0	64	64	31	31	79	42	49	21(39)	76	18	70	26
		69	14	75	33(109)	30	30	65	65	14	69	33	75(250)
105.0	8.4	66	66	29	29	81	42	48	19(38)	78	16	72	24
		69	11	77	32(111)	28	28	67	67	11	69	33	77(248)
111.5	7.9	67	67	28	28	84	41	48	16(39)	81	13	74	22
		74	8	78	29(107)	26	26	68	68	8	73	29	79(252)
118.1	7.5	69	69	26	26	87	40	49	13(40)	84	10	76	20
		75	5	81	28(108)	25	25	70	70	5	75	28	81(251)
124.7	6.6	69	69	25	25	88	39	49	12(41)	84	9	76	19
		75	4	82	28(109)	24	24	70	70	3	74	28	82(250)
131.2	5.7	69	69	24	24	88	38	49	11(41)	84	8	77	18
		75	3	82	27(109)	23	23	70	70	2	74	28	82(250)
137.8	5.1	69	69	24	24	90	38	49	10(41)	85	7	77	17
		76	1	83	26(109)	23	23	71	71	1	75	27	83(250)
144.4	4.2	69	69	24	24	89	38	49	10(41)	85	7	77	17
		75	1	83	26(109)	22	22	70	70	1	75	27	83(250)
150.9	3.5	69	69	23	23	90	37	49	9(42)	85	6	77	17
		75	0	83	26(110)	22	22	71	71	0	74	27	84(249)
157.5	2.9	69	69	23	23	90	36	49	8(42)	86	5	77	16
		74	0	84	25(110)	21	21	71	71	0	74	26	84(249)

 HA= 96.5 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.8 7.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 100.4 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-100-100 % LK = 29

Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
52.5	13.4	51	51	46	46	54	46	51	44(59)	53	44	53	45
		50	43	54	48(128)	46	46	52	52	43	50	48	54(232)
59.1	12.3	53	53	44	44	58	44	52	41(59)	56	40	55	43
		52	39	57	47(128)	43	43	54	54	39	52	47	57(232)
65.6	11.2	54	54	42	42	61	42	52	38(59)	59	37	57	40
		59	37	57	40(90)	41	41	55	55	37	59	40	57(270)
72.2	10.4	56	56	40	40	59	52	43	38(14)	62	34	59	38
		62	34	59	38(90)	39	39	57	57	34	62	38	59(270)
78.7	9.7	58	58	38	38	64	50	44	34(24)	65	30	61	35
		63	29	62	36(96)	37	37	58	58	29	63	36	62(263)
85.3	9.0	59	59	36	36	67	48	45	30(29)	67	27	63	33
		65	25	65	35(101)	35	35	60	60	25	64	35	65(258)
91.9	8.4	60	60	34	34	71	46	46	27(33)	70	24	65	31
		66	22	68	34(104)	34	34	61	61	22	65	35	68(255)
98.4	7.9	62	62	32	32	74	44	47	24(36)	73	21	67	28
		67	18	71	34(107)	32	32	63	63	18	67	34	71(252)
105.0	7.3	63	63	31	31	77	43	48	21(38)	75	19	69	26
		68	15	73	33(109)	30	30	64	64	15	67	33	73(250)
111.5	6.8	65	65	29	29	79	43	47	19(37)	77	16	71	24
		69	12	76	32(110)	28	28	66	66	11	69	32	76(249)

118.1	6.4	66	66	28	28	82	41	48	16(39)	79	13	73	22
		72	9	77	29(107)	27	27	67	67	9	72	30	77(252)
124.7	6.0	67	67	26	26	85	40	49	14(40)	82	11	74	21
		73	6	79	28(108)	25	25	68	68	6	73	29	80(251)
131.2	5.7	69	69	24	24	89	38	49	11(41)	84	8	77	18
		75	3	82	27(109)	23	23	70	70	2	75	28	82(250)
137.8	5.1	69	69	24	24	90	37	50	10(42)	86	7	77	17
		75	1	83	27(110)	22	22	71	71	1	75	28	84(249)
144.4	4.2	69	69	24	24	89	38	49	10(41)	85	6	77	17
		75	1	83	26(109)	22	22	70	70	1	75	27	83(250)
150.9	3.5	69	69	23	23	90	37	49	9(42)	86	6	77	16
		75	0	84	26(110)	22	22	71	71	0	74	27	84(249)
157.5	2.9	69	69	23	23	90	36	49	8(42)	86	5	77	16
		74	0	84	25(110)	21	21	71	71	0	74	26	85(249)

 HA=100.4 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 6.9 7.8 7.9

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 110.2 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-45-90-90 % LK = 36

Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
59.1	13.7	55	55	42	42	62	42	53	38(59)	60	37	58	40
		60	37	58	40(90)	42	42	56	56	37	60	40	58(270)
65.6	12.8	57	57	40	40	62	52	44	37(18)	63	33	60	37
		63	33	61	37(91)	39	39	58	58	33	63	38	61(268)
72.2	12.1	59	59	37	37	67	50	45	32(27)	67	29	63	34
		65	28	65	36(99)	37	37	60	60	27	65	36	65(260)
78.7	11.5	61	61	35	35	71	47	47	28(33)	71	25	66	31
		67	23	69	35(104)	34	34	62	62	22	66	35	69(255)
85.3	10.6	63	63	33	33	75	45	48	25(36)	73	22	68	29
		67	19	71	34(107)	33	33	63	63	19	67	35	71(252)
91.9	9.9	64	64	31	31	78	43	48	22(38)	76	19	70	26
		69	15	74	33(109)	30	30	65	65	15	68	34	74(250)
98.4	9.3	66	66	30	30	81	43	48	19(38)	78	16	72	24
		70	11	77	32(111)	29	29	67	67	11	69	33	77(248)
105.0	8.8	68	68	28	28	85	41	49	15(39)	82	13	74	22
		74	8	79	29(107)	27	27	69	69	8	74	29	79(252)
111.5	8.2	69	69	26	26	87	40	49	13(40)	84	10	76	20
		75	5	81	28(108)	25	25	70	70	5	75	28	81(251)
118.1	7.1	69	69	25	25	88	39	49	12(41)	84	9	76	19
		75	4	82	28(109)	24	24	70	70	4	74	28	82(250)
124.7	6.2	69	69	25	25	88	38	49	11(41)	84	8	77	18
		75	3	82	27(109)	24	24	70	70	3	75	28	82(250)
131.2	5.3	69	69	24	24	89	38	49	11(41)	85	7	77	18
		75	2	82	27(109)	23	23	70	70	2	75	27	83(250)
137.8	4.6	70	70	23	23	90	37	50	9(42)	86	6	77	17
		75	0	84	27(110)	22	22	71	71	0	75	27	84(249)
144.4	3.7	69	69	23	23	90	37	50	9(42)	85	6	77	17
		75	0	83	26(110)	22	22	71	71	0	74	27	84(249)

150.9 3.1 69 69 23 23 90 36 49 8(42) 86 5 77 16
 75 0 84 26(110) 22 22 71 71 0 74 26 85(249)
 157.5 2.2 69 69 23 23 89 36 49 9(42) 85 6 77 16
 74 0 83 26(110) 22 22 70 70 0 73 27 83(249)

 HA=110.2 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 6.9 7.8 7.9

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 114.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		6(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
59.1	12.6	54	54	43	43	59	43	52	40(59)	58	39	56	42	
		58	39	56	42(90)	43	43	54	54	39	58	42	56(270)	
65.6	11.5	55	55	41	41	57	54	42	40(7)	60	35	58	39	
		60	35	58	39(90)	40	40	56	56	35	60	39	58(270)	
72.2	10.6	57	57	39	39	62	51	44	35(20)	63	32	60	36	
		63	32	61	37(92)	38	38	58	58	32	63	37	61(267)	
78.7	9.9	59	59	37	37	66	49	45	32(27)	66	28	63	34	
		64	27	64	36(99)	36	36	60	60	27	64	36	64(260)	
85.3	9.3	60	60	35	35	70	47	46	28(32)	69	25	65	31	
		66	23	67	35(103)	34	34	61	61	23	65	35	67(256)	
91.9	8.6	62	62	33	33	73	45	47	25(35)	72	22	67	29	
		67	19	70	34(106)	32	32	63	63	19	67	34	70(253)	
98.4	8.2	63	63	31	31	77	43	48	22(38)	75	19	69	26	
		68	15	73	33(109)	30	30	65	65	15	67	34	74(250)	
105.0	7.7	65	65	29	29	80	42	48	19(38)	78	16	71	24	
		69	11	77	32(111)	28	28	66	66	11	69	33	77(248)	
111.5	7.3	67	67	28	28	84	41	48	16(39)	80	13	73	22	
		73	8	78	29(107)	26	26	68	68	8	73	29	78(252)	
118.1	6.8	68	68	26	26	87	40	49	13(40)	83	10	75	20	
		75	5	81	28(108)	25	25	69	69	5	74	28	81(251)	
124.7	6.2	69	69	25	25	89	38	49	11(41)	85	8	77	18	
		75	3	82	27(109)	24	24	70	70	3	75	28	82(250)	
131.2	5.3	69	69	24	24	89	38	49	10(41)	85	7	77	18	
		75	2	83	27(109)	23	23	70	70	2	75	27	83(250)	
137.8	4.6	70	70	23	23	90	37	50	9(42)	86	6	77	17	
		75	0	84	27(110)	22	22	71	71	0	75	27	84(249)	
144.4	3.7	69	69	23	23	90	37	50	9(42)	85	6	77	17	
		75	0	83	26(110)	22	22	71	71	0	74	27	84(249)	
150.9	2.9	69	69	23	23	89	37	49	9(41)	85	6	77	17	
		75	1	82	26(109)	22	22	70	70	0	74	26	83(250)	
157.5	2.2	69	69	23	23	89	36	49	9(42)	85	6	77	16	
		74	0	83	26(110)	22	22	70	70	0	73	27	83(249)	

 HA=114.5 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 6.9 7.8 7.8

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45

Counterweight = 48.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D		
59.1	13.4	56	56	42	42	56	55	42	42	(2)	60	37	58	40	
		60	37	58	40	(90)	41	41	56	56		37	60	40	58
65.6	12.8	58	58	39	39	63	51	44	35	(21)	64	32	61	37	
		64	32	62	37	(93)	39	39	58	58		32	64	37	62
72.2	12.1	60	60	37	37	68	49	46	31	(29)	68	28	64	34	
		65	26	66	36	(101)	36	36	61	61		26	65	36	66
78.7	11.5	62	62	34	34	73	46	47	27	(34)	72	24	67	30	
		67	21	70	35	(105)	34	34	63	63		21	67	35	70
85.3	10.8	64	64	32	32	77	44	48	23	(37)	75	21	69	28	
		69	17	73	34	(108)	32	32	65	65		17	68	34	73
91.9	10.1	66	66	30	30	81	42	49	20	(40)	78	17	71	25	
		70	13	76	33	(110)	29	29	66	66		13	69	33	76
98.4	9.7	68	68	28	28	84	42	49	16	(39)	81	13	74	22	
		74	9	79	29	(107)	27	27	68	68		9	73	30	79
105.0	9.0	69	69	26	26	88	40	49	13	(40)	84	10	76	20	
		75	6	81	28	(108)	25	25	70	70		5	75	29	82
111.5	7.7	69	69	26	26	88	39	50	13	(41)	84	10	76	20	
		75	5	82	28	(109)	25	25	70	70		5	74	29	82
118.1	6.8	69	69	25	25	89	39	49	11	(41)	85	8	77	19	
		75	3	82	27	(109)	24	24	70	70		3	75	28	83
124.7	5.7	69	69	24	24	89	38	49	11	(41)	85	8	77	18	
		75	3	82	27	(109)	23	23	70	70		2	75	28	82
131.2	5.1	70	70	24	24	90	37	50	9	(42)	86	6	77	17	
		75	1	84	27	(110)	22	22	71	71		0	75	27	84
137.8	4.0	69	69	24	24	89	38	49	10	(41)	85	7	77	17	
		75	1	83	26	(109)	22	22	70	70		1	75	27	83
144.4	3.3	69	69	23	23	90	37	49	9	(42)	85	6	77	16	
		75	0	84	26	(110)	22	22	71	71		0	74	27	84
150.9	2.4	69	69	23	23	89	36	49	9	(42)	85	6	77	17	
		74	0	83	26	(110)	22	22	70	70		0	74	27	83

HA=124.3 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 6.9 7.8 7.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 130.9 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-100-100-100 % LK = 46

Counterweight = 48.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D		
65.6	11.5	56	56	41	41	59	53	43	39	(12)	62	34	59	38	
		62	34	59	38	(90)	40	40	57	57		34	62	38	59
72.2	10.8	58	58	38	38	64	50	44	34	(24)	65	30	62	35	
		64	29	63	36	(96)	37	37	59	59		29	64	37	63
78.7	10.1	60	60	36	36	69	48	45	30	(30)	68	27	64	32	
		65	25	66	35	(102)	35	35	61	61		24	65	36	67

85.3	9.5	62	62	34	34	73	46	47	26(34)	71	23	66	30
		67	21	69	34(105)	33	33	62	62	20	67	34	70(254)
91.9	8.8	63	63	32	32	76	44	48	23(37)	74	20	69	27
		68	17	73	33(108)	31	31	64	64	16	67	34	73(251)
98.4	8.4	65	65	30	30	80	43	47	20(37)	77	17	71	25
		69	12	76	32(110)	29	29	66	66	12	69	33	76(249)
105.0	7.9	67	67	28	28	84	41	48	16(39)	80	13	73	22
		73	9	78	29(107)	27	27	68	68	9	73	30	78(252)
111.5	7.5	69	69	26	26	87	40	49	13(40)	83	10	76	20
		75	5	81	28(108)	25	25	69	69	5	74	28	81(251)
118.1	6.6	69	69	25	25	88	39	49	12(41)	84	9	76	19
		75	4	82	28(109)	24	24	70	70	3	74	28	82(250)
124.7	5.7	69	69	24	24	89	38	49	11(41)	85	7	77	18
		75	2	83	27(109)	23	23	70	70	2	75	28	83(250)
131.2	4.9	69	69	24	24	89	38	49	10(41)	85	7	77	17
		75	1	83	26(109)	23	23	71	71	1	75	27	83(250)
137.8	4.0	69	69	23	23	90	37	50	9(42)	85	6	77	17
		75	1	83	27(110)	22	22	70	70	0	74	27	83(249)
144.4	3.1	69	69	23	23	89	37	49	9(41)	85	6	77	17
		75	1	83	26(109)	22	22	70	70	1	75	27	83(250)
150.9	2.4	69	69	23	23	90	36	49	9(42)	85	6	77	16
		74	0	83	26(110)	22	22	70	70	0	74	26	84(249)

 HA=130.9 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 7.0 7.7 7.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 138.1 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-45-90-90-90 % LK = 54

Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
65.6	12.6	58	58	39	39	64	51	45	34(23)	65	31	62	36
		64	30	63	37(95)	38	38	59	59	30	64	37	63(264)
72.2	12.1	61	61	36	36	70	48	46	29(31)	70	26	65	32
		66	24	68	35(103)	35	35	62	62	24	66	36	68(256)
78.7	11.5	63	63	34	34	75	45	48	25(36)	73	22	68	29
		68	19	72	34(107)	33	33	64	64	19	67	35	72(252)
85.3	10.8	65	65	31	31	80	43	49	21(39)	77	19	71	26
		70	15	75	33(109)	30	30	66	66	15	69	34	75(250)
91.9	10.4	67	67	29	29	84	42	49	17(39)	81	15	73	23
		71	9	79	32(112)	28	28	68	68	9	70	33	79(247)
98.4	9.7	69	69	27	27	87	41	49	14(40)	84	11	76	21
		75	6	81	29(108)	26	26	70	70	6	75	29	81(251)
105.0	8.4	69	69	26	26	88	39	50	13(41)	84	10	76	20
		75	5	82	28(109)	25	25	70	70	5	74	29	82(250)
111.5	7.3	69	69	25	25	89	39	50	12(41)	85	9	77	19
		75	4	82	28(109)	24	24	70	70	3	75	28	83(250)
118.1	6.2	69	69	24	24	89	38	49	11(41)	85	8	77	18
		75	2	83	27(109)	23	23	70	70	2	75	28	83(250)
124.7	5.3	70	70	24	24	90	37	50	10(42)	86	7	77	17
		75	1	84	27(110)	23	23	71	71	1	75	28	84(249)

131.2 4.2 69 69 24 24 89 38 49 10(41) 85 7 77 17
 75 1 83 26(109) 22 22 70 70 1 75 27 83(250)
 137.8 3.3 69 69 23 23 90 37 49 9(42) 85 6 77 17
 75 0 83 26(110) 22 22 70 70 0 74 27 83(249)
 144.4 2.4 69 69 23 23 89 37 49 9(41) 85 6 77 17
 75 0 82 26(109) 22 22 70 70 0 74 26 83(250)

 HA=138.1 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 6.9 7.8 7.8

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		6(...)		
		4(...)	5(180)			6(...)				
		A B C D	A B C D	A B C D	A B C D					
65.6	11.7	57 57 39 39	62 52 44 36	19 63 33 60	37 63 37 61	(268)				
72.2	10.8	59 59 37 37	66 49 45 32	27 67 29 63	34 65 26 65	(260)				
78.7	10.1	61 61 35 35	71 47 46 28	33 70 25 65	31 66 22 68	(255)				
85.3	9.5	63 63 33 33	75 45 47 24	36 73 21 68	28 68 18 71	(252)				
91.9	9.0	65 65 30 30	80 42 49 20	39 77 18 71	26 69 13 75	(249)				
98.4	8.6	67 67 28 28	83 42 49 17	39 80 14 73	23 73 10 78	(252)				
105.0	8.2	69 69 26 26	87 40 49 13	40 84 10 76	20 75 6 81	(251)				
111.5	7.1	69 69 25 25	88 39 50 12	41 84 9 76	19 75 4 82	(250)				
118.1	6.2	69 69 24 24	89 38 49 11	41 85 7 77	18 76 2 83	(250)				
124.7	5.1	69 69 24 24	89 38 49 10	41 85 7 77	17 75 2 83	(250)				
131.2	4.2	69 69 23 23	90 37 50 9	42 85 6 77	17 75 1 83	(249)				
137.8	3.3	69 69 23 23	90 37 49 9	42 85 6 77	17 75 0 83	(249)				
144.4	2.4	69 69 23 23	89 36 49 9	42 85 6 77	16 75 0 83	(249)				

 HA=145.0 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 7.0 7.7 7.8

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)				

	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
72.2	11.9	62	62	35	35	72	47	47	28	(33)	71	26	66	32
		67	23	69	35(104)	35	35	62	62	23	66	35	69(255)	
78.7	11.2	64	64	33	33	77	45	48	24	(37)	74	21	69	28
		68	18	73	34(108)	32	32	64	64	18	68	35	73(251)	
85.3	10.8	66	66	30	30	81	44	48	20	(37)	78	17	72	25
		70	13	77	33(110)	29	29	67	67	12	70	33	77(249)	
91.9	10.4	68	68	28	28	86	41	50	15	(40)	82	13	75	22
		75	8	80	30(108)	27	27	69	69	8	74	30	80(251)	
98.4	9.0	69	69	26	26	87	41	49	14	(40)	84	11	76	21
		75	6	81	28(108)	26	26	70	70	6	75	29	81(251)	
105.0	7.5	68	68	26	26	87	40	49	13	(40)	83	10	75	20
		75	6	81	28(108)	25	25	69	69	5	74	29	81(251)	
111.5	6.4	69	69	25	25	88	39	49	12	(41)	84	9	76	19
		75	4	82	28(109)	24	24	70	70	4	74	28	82(250)	
118.1	5.3	69	69	25	25	88	38	49	11	(41)	84	8	76	18
		75	3	82	27(109)	24	24	70	70	3	74	28	82(250)	
124.7	4.2	68	68	24	24	88	38	49	11	(41)	84	8	76	18
		74	3	82	27(109)	23	23	70	70	2	74	28	82(250)	
131.2	3.3	69	69	24	24	88	38	49	10	(41)	84	7	76	17
		75	2	82	26(109)	23	23	70	70	2	74	27	82(250)	
137.8	2.4	68	68	24	24	88	37	49	10	(41)	84	7	76	17
		75	1	82	26(109)	22	22	70	70	1	74	27	82(250)	

HA=152.2 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.6

Main boom and fixed jib (jib angle 20.0 degrees)
Length of main boom = 161.4 ft Length of jib = 82.0 ft
Main boom sequence = 0-0-100-100-100-100 % LK = 63
Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)									
	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
72.2	10.8	60	60	36	36	69	48	46	30	(30)	68	27	64	33
		65	25	66	35(101)	35	35	61	61	25	65	36	66(258)	
78.7	10.1	62	62	34	34	73	45	47	26	(35)	72	23	67	30
		67	20	70	35(106)	33	33	63	63	20	67	35	70(253)	
85.3	9.7	64	64	31	31	78	43	48	22	(38)	76	19	70	27
		69	15	74	33(109)	31	31	65	65	15	68	34	74(250)	
91.9	9.0	66	66	29	29	82	43	48	18	(38)	79	16	72	24
		70	11	77	32(111)	28	28	67	67	11	69	33	77(248)	
98.4	8.6	68	68	27	27	86	41	49	15	(40)	82	12	75	21
		74	7	80	29(108)	26	26	69	69	7	74	29	80(251)	
105.0	7.3	68	68	26	26	86	40	49	13	(40)	83	11	75	20
		75	6	80	28(108)	25	25	69	69	6	74	29	81(251)	
111.5	6.0	68	68	26	26	86	39	49	13	(40)	83	10	75	20
		74	5	80	28(108)	25	25	69	69	5	74	28	81(251)	
118.1	4.9	68	68	25	25	86	39	49	12	(40)	83	9	75	19
		74	4	81	27(108)	24	24	69	69	4	74	28	81(251)	
124.7	4.0	68	68	24	24	88	38	49	11	(41)	84	8	76	18
		74	3	81	27(109)	23	23	69	69	3	73	28	82(250)	

131.2 3.1 68 68 24 24 88 38 49 11(41) 84 7 76 18
 74 2 82 27(109) 23 23 69 69 2 74 27 82(250)
 137.8 2.2 68 68 24 24 88 37 49 10(41) 84 7 76 17
 74 2 82 26(109) 22 22 69 69 1 74 27 82(250)

 HA=161.4 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.6

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)					3(90)		
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
72.2	11.7	62	62	34	34	73	47	47	27(34)	72	24	67	30
		67	21	70	35(105)	34	34	63	63	21	67	35	70(254)
78.7	11.2	65	65	32	32	79	44	49	22(38)	77	19	70	27
		69	15	75	34(109)	31	31	65	65	15	69	34	75(250)
85.3	10.8	67	67	29	29	84	42	49	17(39)	81	15	74	23
		71	10	79	32(112)	28	28	68	68	10	71	33	79(247)
91.9	9.3	68	68	28	28	85	42	49	16(39)	82	13	74	22
		74	9	79	29(107)	27	27	69	69	8	74	30	79(252)
98.4	7.7	68	68	27	27	85	40	49	15(40)	82	12	75	21
		74	7	80	29(108)	26	26	69	69	7	73	29	80(251)
105.0	6.2	67	67	27	27	85	40	49	14(40)	81	11	74	21
		73	7	79	28(108)	26	26	68	68	7	73	29	79(251)
111.5	5.1	67	67	26	26	86	39	49	13(40)	82	10	75	20
		74	5	80	28(108)	25	25	69	69	5	73	28	80(251)
118.1	4.0	67	67	25	25	86	39	48	13(40)	82	9	75	19
		74	4	80	27(108)	24	24	69	69	4	73	28	80(251)
124.7	3.1	68	68	25	25	87	38	49	11(41)	83	8	75	18
		74	3	81	27(109)	23	23	69	69	3	73	28	81(250)

 HA=166.0 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.8 7.5 7.5

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 175.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)					3(90)		
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
78.7	10.1	63	63	33	33	76	44	48	24(37)	74	21	68	28
		68	18	72	34(107)	32	32	64	64	18	68	34	72(252)
85.3	9.7	66	66	30	30	80	44	48	20(37)	78	17	71	25
		70	13	76	33(110)	29	29	66	66	12	69	33	77(249)
91.9	8.8	67	67	28	28	84	42	49	17(39)	81	14	73	22
		73	9	78	30(107)	27	27	68	68	9	73	30	78(252)
98.4	7.3	67	67	27	27	84	41	48	16(39)	81	13	74	22
		73	8	78	29(107)	26	26	68	68	8	73	29	79(252)

105.0 6.0 67 67 27 27 84 40 49 15(40) 81 12 74 21
 73 7 79 29(108) 26 26 68 68 7 73 29 79(251)
 111.5 4.9 67 67 26 26 85 39 48 13(40) 82 10 74 20
 73 6 80 28(108) 25 25 68 68 6 73 28 80(251)
 118.1 3.7 67 67 26 26 85 39 48 13(40) 82 10 74 19
 73 5 80 27(108) 24 24 68 68 5 73 28 80(251)
 124.7 2.6 67 67 25 25 85 39 48 13(40) 82 9 74 19
 73 4 79 27(108) 24 24 68 68 4 73 28 80(251)

 HA=175.5 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.8 7.4 7.4

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 82.0 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)							
	4(...)				5(180)				6(...)			
	A	B	C	D	A	B	C	D	A	B	C	D
78.7 11.0	66	66	31	31	80	43	49	20(39)	78	18	71	26
	70	14	76	33(110)	30	30	66	66	13	69	34	76(249)
85.3 9.5	66	66	29	29	82	43	48	19(38)	79	16	72	24
	70	11	77	32(111)	28	28	67	67	11	70	33	78(248)
91.9 7.9	67	67	28	28	83	41	49	17(39)	80	14	73	23
	73	10	77	30(107)	27	27	67	67	10	72	30	78(252)
98.4 6.4	66	66	28	28	83	41	48	16(39)	80	13	73	22
	73	9	78	29(107)	27	27	67	67	9	72	29	78(252)
105.0 5.1	66	66	27	27	83	40	48	15(39)	80	12	73	21
	73	8	78	28(107)	26	26	67	67	7	72	29	78(252)
111.5 4.0	67	67	26	26	84	39	48	14(40)	81	11	74	20
	73	6	79	28(108)	25	25	68	68	6	72	29	79(251)
118.1 2.9	67	67	26	26	84	39	48	13(40)	81	10	74	20
	73	5	79	28(108)	24	24	68	68	5	72	28	79(251)

 HA=180.1 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.3 7.4

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 191.9 ft Length of jib = 82.0 ft
 Main boom sequence = 0-100-100-100-100-100 % LK = 74
 Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)							
	4(...)				5(180)				6(...)			
	A	B	C	D	A	B	C	D	A	B	C	D
85.3 9.0	66	66	30	30	81	43	48	19(38)	78	16	72	24
	70	11	77	33(111)	29	29	67	67	11	69	33	77(248)
91.9 7.3	66	66	29	29	81	42	48	18(38)	78	15	72	24
	70	11	77	32(111)	28	28	67	67	10	69	32	77(248)
98.4 6.0	66	66	28	28	82	41	48	17(39)	79	14	72	22
	72	9	77	29(107)	27	27	67	67	9	72	30	77(252)
105.0 4.6	66	66	27	27	82	40	48	16(39)	79	13	73	22
	72	8	77	29(107)	26	26	67	67	8	72	29	77(252)

111.5 3.5 66 66 26 26 83 40 47 15(39) 80 11 73 21
 73 7 78 28(107) 25 25 67 67 7 72 28 78(252)
 118.1 2.4 66 66 26 26 83 39 48 14(40) 80 11 73 20
 72 6 78 28(108) 25 25 67 67 6 71 28 78(251)

 HA=191.9 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.3 7.3

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 193.9 ft Length of jib = 82.0 ft
 Main boom sequence = 45-90-90-90-90 % LK = 76
 Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
85.3	7.9	65	65	30	30	80	43	47	20(37)	77	17	71	25
		69	12	76	32(110)	29	29	66	66	12	69	33	76(249)
91.9	6.4	65	65	29	29	81	42	48	18(38)	78	15	71	24
		69	10	77	32(111)	28	28	66	66	10	69	32	77(248)
98.4	4.9	65	65	28	28	81	41	47	17(38)	78	14	71	23
		69	9	77	31(111)	27	27	66	66	9	69	32	77(248)
105.0	3.5	65	65	28	28	81	41	47	16(38)	78	13	72	22
		72	9	76	28(106)	26	26	66	66	9	71	29	76(253)
111.5	2.4	65	65	27	27	82	40	47	15(39)	79	12	72	21
		71	8	77	28(107)	26	26	66	66	7	71	29	77(252)

 HA=193.9 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.1

HA=193.9 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=193.9 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=193.9 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02
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H

DEMAG Mobile Cranes
 O U T R I G G E R - L O A D I N G S
 (Variance = +/-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer KS

Outrigger width = 18.7 ft	Outrigger length = 27.7 ft
Outrigger "A" X = 12.0 ft	Outrigger "A" Y = 9.4 ft
Outrigger "B" X = 12.0 ft	Outrigger "B" Y = -9.4 ft
Outrigger "C" X = -15.7 ft	Outrigger "C" Y = 9.4 ft
Outrigger "D" X = -15.7 ft	Outrigger "D" Y = -9.4 ft

 Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 40.7 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-0 % LK = 1
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
52.5	13.2	48	48	50	50	47	49	49	50	(59)	47	49	48	50
		48	50	48	49(127)	49	49	48	48		50	48	49	48(232)
59.1	12.1	49	49	47	47	51	47	49	47	(59)	50	46	50	47
		49	45	51	48(128)	47	47	50	50		45	49	48	51(232)
65.6	11.5	52	52	45	45	55	44	51	43	(59)	54	42	53	44
		50	41	54	47(128)	44	44	52	52		41	50	47	54(232)
72.2	10.8	54	54	43	43	59	42	52	39	(59)	58	38	56	41
		58	38	56	41(90)	42	42	54	54		38	58	41	56(270)
78.7	10.1	55	55	40	40	58	53	42	38	(11)	61	34	58	38
		61	34	58	38(90)	39	39	56	56		34	61	38	58(270)
85.3	9.5	57	57	38	38	63	50	44	34	(23)	64	30	61	35
		63	30	62	36(95)	37	37	58	58		30	63	36	62(264)
91.9	9.3	60	60	35	35	69	47	45	29	(31)	69	26	64	32
		65	24	67	35(102)	34	34	61	61		24	65	35	67(257)
98.4	8.8	62	62	33	33	74	44	47	24	(36)	72	22	67	29
		67	19	71	34(107)	32	32	63	63		18	66	34	71(252)

 HA= 40.7 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 6.9 6.2 6.6 6.6

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
52.5	13.2	48	48	50	50	47	49	49	50	(59)	47	50	48	50
		48	50	48	49(127)	49	49	48	48		50	48	49	48(232)
59.1	12.3	50	50	47	47	51	47	50	46	(59)	51	45	51	47
		49	45	51	48(128)	47	47	50	50		45	49	48	51(232)
65.6	11.7	52	52	45	45	55	44	51	42	(59)	54	41	54	44
		51	40	55	47(128)	44	44	52	52		40	51	47	55(232)
72.2	11.0	54	54	42	42	60	42	52	39	(59)	58	38	56	41
		58	38	56	41(90)	42	42	54	54		38	58	41	56(270)
78.7	10.4	56	56	40	40	58	53	43	38	(12)	61	34	59	38
		61	34	59	38(90)	39	39	56	56		34	61	38	59(270)
85.3	9.9	58	58	38	38	64	50	44	33	(24)	65	30	61	35
		63	29	62	36(96)	37	37	58	58		29	63	36	63(263)
91.9	9.5	60	60	35	35	69	47	46	29	(31)	68	26	64	32
		65	24	66	35(102)	35	35	61	61		24	65	35	67(257)
98.4	9.0	62	62	33	33	73	45	47	25	(35)	72	22	67	29
		67	19	70	34(106)	32	32	63	63		19	66	34	70(253)

105.0 8.6 64 64 31 31 78 43 48 21(38) 75 19 69 26
 68 15 74 33(109) 30 30 65 65 15 68 33 74(250)

HA= 54.5 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.8 6.9

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)									
	3(90)				4(...)									
	A	B	C	D	A	B	C	D	A	B	C	D		
59.1	12.3	50	50	47	47	51	47	50	46	(59)	51	46	51	47
		49	45	51	48(128)	47	47	50	50	45	49	48	51(232)	
65.6	11.7	52	52	45	45	55	44	51	43	(59)	54	42	53	44
		50	41	55	47(128)	44	44	52	52	41	50	47	55(232)	
72.2	10.8	53	53	43	43	59	43	52	39	(59)	57	38	56	41
		57	38	56	41(90)	42	42	54	54	38	57	41	56(270)	
78.7	10.1	55	55	41	41	57	53	42	39	(8)	60	35	58	39
		60	35	58	39(90)	40	40	56	56	35	60	39	58(270)	
85.3	9.3	56	56	39	39	61	51	43	36	(18)	62	32	60	36
		62	32	60	37(91)	38	38	57	57	32	62	37	60(268)	
91.9	8.6	58	58	37	37	65	49	44	32	(26)	65	29	62	34
		64	28	63	35(97)	36	36	59	59	28	63	36	63(262)	
98.4	7.9	59	59	35	35	68	47	45	29	(30)	67	26	63	32
		65	24	66	35(102)	34	34	60	60	24	64	35	66(257)	
105.0	7.5	61	61	34	34	72	45	46	26	(34)	71	23	66	30
		66	20	69	34(105)	32	32	62	62	20	66	34	69(254)	
111.5	7.1	63	63	32	32	75	43	47	22	(37)	73	20	68	27
		67	16	72	33(108)	31	31	63	63	16	67	33	72(251)	
118.1	6.6	64	64	30	30	78	43	47	20	(37)	76	17	70	25
		68	12	75	32(110)	29	29	65	65	12	68	33	75(249)	

HA= 68.6 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 7.0 7.0

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-100 % LK = 14
 Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)									
	3(90)				4(...)									
	A	B	C	D	A	B	C	D	A	B	C	D		
59.1	11.5	49	49	48	48	49	47	49	48	(59)	49	47	49	48
		48	47	49	48(127)	47	47	49	49	47	48	48	49(232)	
65.6	10.4	50	50	46	46	52	45	50	45	(59)	51	44	51	45
		49	43	52	47(128)	45	45	50	50	43	49	47	52(232)	
72.2	9.5	51	51	44	44	55	44	50	42	(59)	54	41	53	43
		50	40	54	47(128)	43	43	52	52	40	50	47	54(232)	
78.7	8.8	53	53	42	42	58	42	51	39	(59)	57	37	55	41
		57	37	55	41(90)	41	41	54	54	37	57	41	55(270)	

85.3	7.9	54	54	41	41	54	54	41	40(2)	59	35	57	39
		59	35	57	39(90)	40	40	55	55	35	59	39	57(270)
91.9	7.5	56	56	39	39	60	50	43	36(18)	62	32	59	36
		62	32	59	36(90)	38	38	57	57	32	62	36	59(269)
98.4	6.8	57	57	37	37	63	49	43	33(24)	64	29	61	34
		63	28	62	35(96)	36	36	58	58	28	63	36	62(263)
105.0	6.4	58	58	35	35	67	47	45	29(30)	67	26	63	32
		64	24	65	35(101)	34	34	60	60	24	64	35	65(258)
111.5	6.0	60	60	34	34	70	45	45	26(33)	69	23	65	30
		65	21	68	34(104)	33	33	61	61	21	65	34	68(255)
118.1	5.5	62	62	32	32	74	43	46	23(36)	72	20	67	28
		66	17	71	33(107)	31	31	63	63	17	66	33	71(252)

HA= 70.2 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 6.8 6.1 6.6 6.6

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
65.6	11.9	52	52	44	44	56	44	51	42(59)	55	41	54	43
		51	40	56	47(128)	44	44	53	53	40	51	47	56(232)
72.2	11.0	54	54	42	42	60	42	52	39(59)	58	37	56	41
		58	37	56	41(90)	42	42	55	55	37	58	41	56(270)
78.7	10.4	56	56	40	40	59	52	43	38(13)	61	34	59	38
		61	34	59	38(90)	39	39	56	56	34	61	38	59(270)
85.3	9.7	57	57	38	38	63	50	44	34(23)	64	30	61	35
		63	30	62	36(95)	37	37	58	58	30	63	36	62(264)
91.9	9.0	59	59	36	36	67	48	45	30(29)	67	27	63	33
		65	26	65	35(100)	35	35	60	60	25	64	35	65(259)
98.4	8.4	60	60	34	34	71	46	46	27(33)	69	24	65	31
		66	22	68	34(104)	34	34	61	61	22	65	35	68(255)
105.0	7.9	62	62	32	32	74	44	47	24(36)	73	21	67	28
		67	18	71	34(107)	32	32	63	63	18	67	34	71(252)
111.5	7.3	63	63	31	31	77	43	48	21(38)	75	19	69	26
		68	15	73	33(109)	30	30	64	64	15	67	33	73(250)
118.1	7.1	65	65	29	29	81	42	48	18(38)	78	15	72	23
		69	10	77	32(111)	28	28	66	66	10	69	32	77(248)
124.7	6.6	67	67	27	27	84	41	48	15(39)	81	12	74	21
		73	7	79	28(107)	26	26	68	68	7	73	29	79(252)
131.2	6.2	69	69	25	25	88	39	49	12(41)	84	9	76	19
		74	4	81	28(109)	24	24	69	69	4	74	28	82(250)

HA= 82.3 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.1 6.9 7.6 7.6

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 84.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)				3(90)					
	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
65.6	10.6	50	50	46	46	53	45	50	44	(59)	52	43	52	45
		50	42	53	47(128)	45	45	51	51		42	50	47	53(232)
72.2	9.7	52	52	44	44	56	43	51	41	(59)	55	40	54	43
		50	39	55	47(128)	43	43	52	52		39	50	47	55(232)
78.7	9.0	53	53	42	42	60	41	52	38	(59)	58	37	56	40
		58	37	56	40(90)	41	41	54	54		37	58	40	56(270)
85.3	8.4	55	55	40	40	57	52	42	38	(11)	60	34	58	38
		60	34	58	38(90)	39	39	56	56		34	60	38	58(270)
91.9	7.7	56	56	38	38	62	50	43	34	(21)	63	31	60	35
		62	30	60	36(93)	37	37	57	57		30	62	36	61(266)
98.4	7.3	58	58	36	36	66	48	44	31	(28)	66	28	62	33
		64	26	64	35(99)	35	35	59	59		26	63	35	64(260)
105.0	6.8	60	60	34	34	69	46	45	27	(32)	69	24	64	31
		65	22	67	34(103)	33	33	61	61		22	65	34	67(256)
111.5	6.4	61	61	33	33	73	44	46	24	(35)	71	21	66	28
		66	18	70	33(106)	32	32	62	62		18	66	34	70(253)
118.1	6.0	63	63	31	31	76	42	47	21	(38)	74	19	68	26
		67	15	73	32(108)	30	30	64	64		15	67	33	73(251)
124.7	5.7	65	65	29	29	80	42	47	18	(38)	77	15	71	24
		69	11	76	32(111)	28	28	66	66		10	68	32	76(248)
131.2	5.3	66	66	27	27	83	40	48	15	(39)	80	12	73	22
		72	8	78	28(107)	26	26	67	67		8	72	29	78(252)

HA= 84.0 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.2 7.2

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 96.5 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-90-90 % LK = 28

Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)				3(90)					
	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
65.6	11.7	52	52	44	44	56	44	51	42	(59)	55	41	54	43
		51	40	55	47(128)	44	44	53	53		40	51	47	55(232)
72.2	11.2	54	54	42	42	61	42	52	38	(59)	59	37	57	40
		59	37	57	40(90)	41	41	55	55		37	59	40	57(270)
78.7	10.4	56	56	40	40	59	52	43	37	(14)	62	33	59	37
		62	33	59	37(90)	39	39	57	57		33	62	37	59(270)
85.3	9.9	58	58	37	37	65	50	44	33	(25)	65	30	62	35
		64	28	63	36(97)	37	37	59	59		28	64	36	63(262)
91.9	9.3	60	60	36	36	69	47	46	29	(31)	68	26	64	32
		65	24	66	35(102)	35	35	60	60		24	65	35	66(257)
98.4	8.6	61	61	34	34	72	45	46	26	(34)	71	23	66	30
		66	21	69	34(105)	33	33	62	62		21	66	34	69(254)
105.0	8.2	63	63	32	32	76	43	47	23	(37)	74	20	68	27
		67	16	72	33(108)	31	31	64	64		16	67	34	72(251)
111.5	7.7	65	65	30	30	79	43	47	20	(37)	77	17	71	25
		69	13	75	32(110)	29	29	65	65		12	68	33	75(249)

118.1	7.3	66	66	28	28	83	41	48	17(39)	80	14	73	22
		72	9	77	29(107)	27	27	67	67	9	72	30	78(252)
124.7	7.1	68	68	26	26	87	40	49	13(40)	83	10	75	20
		75	5	81	28(108)	25	25	69	69	5	74	28	81(251)
131.2	6.2	69	69	25	25	88	39	49	12(41)	84	9	76	19
		75	4	82	28(109)	24	24	70	70	4	74	28	82(250)
137.8	5.3	69	69	24	24	88	38	49	11(41)	84	8	76	18
		75	3	82	27(109)	23	23	70	70	2	74	28	82(250)
144.4	4.6	69	69	23	23	90	37	50	9(42)	86	6	77	17
		75	1	83	27(110)	22	22	71	71	0	74	27	84(249)

HA= 96.5 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 6.9 7.7 7.8

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 100.4 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-100-100 % LK = 29

Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
65.6	10.6	50	50	45	45	53	45	50	44(59)	52	43	52	45
		50	42	53	47(128)	45	45	51	51	42	50	47	53(232)
72.2	9.9	52	52	43	43	57	43	51	40(59)	56	39	55	42
		51	38	56	46(128)	43	43	53	53	38	51	46	56(232)
78.7	9.3	54	54	41	41	54	54	41	41(0)	59	36	57	39
		59	36	57	39(90)	40	40	55	55	36	59	39	57(270)
85.3	8.6	56	56	39	39	59	51	43	37(16)	62	32	59	37
		62	32	59	37(90)	38	38	57	57	32	62	37	59(270)
91.9	8.2	58	58	37	37	64	49	44	32(25)	65	29	62	34
		63	28	63	35(97)	36	36	58	58	28	63	36	63(262)
98.4	7.5	59	59	35	35	67	47	45	29(30)	67	26	63	32
		64	24	65	35(101)	35	35	60	60	24	64	35	65(258)
105.0	7.1	61	61	34	34	71	45	46	26(34)	70	23	65	30
		66	21	68	34(105)	33	33	62	62	20	65	34	69(254)
111.5	6.8	63	63	32	32	76	43	47	22(37)	74	20	68	27
		67	16	72	33(108)	30	30	63	63	16	67	33	72(251)
118.1	6.4	64	64	30	30	78	43	47	20(37)	76	17	70	25
		68	12	75	32(110)	29	29	65	65	12	68	33	75(249)
124.7	6.0	65	65	28	28	81	41	47	17(38)	79	14	72	23
		72	10	76	29(106)	27	27	67	67	10	72	29	77(253)
131.2	5.7	67	67	26	26	85	39	49	13(40)	82	11	75	20
		74	6	80	28(108)	25	25	69	69	6	73	28	80(251)
137.8	5.3	69	69	24	24	88	38	49	11(41)	84	8	76	18
		75	3	82	27(109)	23	23	70	70	2	74	28	82(250)
144.4	4.6	69	69	24	24	90	37	50	9(42)	85	6	77	17
		75	1	83	27(110)	22	22	71	71	1	74	27	84(249)

HA=100.4 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.7 7.8

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 110.2 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-45-90-90 % LK = 36

Counterweight = 48.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		4(...)				5(180)				6(...)					
A	B	C	D	A	B	C	D	A	B	C	D				
72.2	11.2	55	55	41	41	56	54	42	41	(4)	60	36	58	39	
		60	36	58	39	(90)	41	41	56	56	36	60	39	58	(270)
78.7	10.6	57	57	39	39	62	51	44	35	(20)	63	32	60	36	
		63	32	61	37	(92)	38	38	58	58	32	63	37	61	(267)
85.3	10.1	59	59	37	37	67	49	45	31	(28)	67	28	63	33	
		65	26	65	36	(100)	36	36	60	60	26	64	36	65	(259)
91.9	9.5	61	61	35	35	71	46	46	27	(33)	70	25	65	31	
		66	22	68	35	(104)	34	34	62	62	22	66	35	68	(255)
98.4	9.0	63	63	32	32	75	44	48	24	(37)	73	21	68	28	
		68	17	72	34	(107)	32	32	64	64	17	67	34	72	(252)
105.0	8.4	64	64	31	31	78	42	48	21	(39)	76	18	70	26	
		69	14	74	33	(109)	30	30	65	65	14	68	33	75	(250)
111.5	8.2	67	67	28	28	83	41	48	17	(39)	80	14	73	23	
		73	10	78	30	(107)	27	27	67	67	10	72	30	78	(252)
118.1	7.7	68	68	26	26	86	40	49	14	(40)	83	11	75	20	
		75	6	80	28	(108)	25	25	69	69	6	74	29	81	(251)
124.7	6.8	69	69	25	25	88	39	49	12	(41)	84	9	76	19	
		75	4	82	28	(109)	24	24	70	70	4	74	28	82	(250)
131.2	6.0	69	69	24	24	89	38	49	11	(41)	84	8	77	18	
		75	3	82	27	(109)	24	24	70	70	3	75	28	82	(250)
137.8	5.1	69	69	24	24	89	38	49	10	(41)	85	7	77	17	
		75	2	83	27	(109)	23	23	70	70	2	75	27	83	(250)
144.4	4.2	69	69	24	24	89	38	49	10	(41)	85	7	77	17	
		75	1	83	26	(109)	22	22	70	70	1	75	27	83	(250)
150.9	3.3	69	69	23	23	89	37	49	9	(41)	85	6	77	17	
		75	1	83	26	(109)	22	22	70	70	0	75	27	83	(250)

HA=110.2 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.7 7.7

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 114.5 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-45-100-100 % LK = 37

Counterweight = 48.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		4(...)				5(180)				6(...)					
A	B	C	D	A	B	C	D	A	B	C	D				
72.2	10.1	53	53	43	43	59	42	52	39	(59)	57	38	56	41	
		57	38	56	41	(90)	42	42	54	54	38	57	41	56	(270)
78.7	9.5	55	55	40	40	57	53	42	39	(9)	60	34	58	38	
		60	34	58	38	(90)	40	40	56	56	34	60	38	58	(270)
85.3	8.8	57	57	38	38	62	50	43	35	(21)	63	31	60	36	
		63	30	61	36	(93)	37	37	58	58	30	63	36	61	(266)
91.9	8.4	59	59	36	36	67	48	45	31	(28)	67	27	63	33	
		64	26	65	35	(100)	35	35	60	60	26	64	35	65	(259)
98.4	7.7	60	60	34	34	70	46	45	28	(32)	69	24	65	31	
		65	22	67	34	(104)	34	34	61	61	22	65	35	67	(255)

105.0	7.3	62	62	32	32	74	44	47	24(36)	72	21	67	28
		67	18	71	34(107)	32	32	63	63	18	66	34	71(252)
111.5	7.1	64	64	30	30	78	42	48	20(39)	76	17	70	25
		69	13	74	32(109)	29	29	65	65	13	68	33	74(250)
118.1	6.6	65	65	28	28	81	42	47	17(38)	78	15	72	23
		69	10	77	32(111)	27	27	67	67	10	69	32	77(248)
124.7	6.2	67	67	27	27	84	40	49	15(40)	81	12	74	21
		73	7	79	29(108)	26	26	68	68	7	73	29	79(251)
131.2	6.0	69	69	25	25	88	38	49	11(41)	84	8	77	18
		75	3	82	27(109)	24	24	70	70	3	74	28	82(250)
137.8	5.1	69	69	24	24	89	38	49	10(41)	85	7	77	18
		75	2	83	27(109)	23	23	70	70	2	75	27	83(250)
144.4	4.2	69	69	24	24	89	38	49	10(41)	85	7	77	17
		75	1	83	26(109)	22	22	70	70	1	75	27	83(250)
150.9	3.3	69	69	23	23	89	37	49	10(41)	85	6	77	17
		75	1	82	26(109)	22	22	70	70	1	74	27	83(250)
157.5	2.6	69	69	23	23	90	36	49	9(42)	85	5	77	16
		74	0	84	26(110)	22	22	70	70	0	74	26	84(249)

 HA=114.5 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.8 7.8

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 124.3 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-90-90-90 % LK = 45

Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
72.2	11.0	55	55	41	41	56	54	42	40(5)	60	35	58	39
		60	35	58	39(90)	41	41	56	56	35	60	39	58(270)
78.7	10.6	58	58	39	39	63	50	44	35(22)	64	31	61	36
		63	31	62	37(94)	38	38	58	58	30	63	37	62(265)
85.3	10.1	60	60	36	36	68	48	45	30(30)	68	27	64	33
		65	25	66	35(101)	35	35	60	60	25	65	35	66(258)
91.9	9.5	62	62	34	34	72	46	47	26(34)	71	24	66	30
		67	21	69	34(105)	33	33	62	62	21	66	35	69(254)
98.4	9.0	63	63	32	32	77	43	48	22(38)	75	20	69	27
		68	16	73	33(108)	31	31	64	64	16	68	34	73(251)
105.0	8.6	65	65	30	30	80	43	47	19(37)	78	16	71	24
		70	12	76	32(110)	29	29	66	66	12	69	33	77(249)
111.5	8.2	67	67	28	28	84	41	49	16(39)	81	13	74	22
		74	8	79	29(107)	27	27	68	68	8	73	29	79(252)
118.1	7.5	69	69	26	26	87	40	49	13(40)	83	10	76	20
		75	5	81	28(108)	25	25	69	69	5	74	28	81(251)
124.7	6.6	69	69	25	25	88	39	49	12(41)	84	9	76	19
		75	3	82	28(109)	24	24	70	70	3	74	28	82(250)
131.2	5.5	69	69	25	25	88	38	49	11(41)	84	8	76	18
		75	3	82	27(109)	24	24	70	70	3	74	28	82(250)
137.8	4.9	69	69	24	24	90	37	50	9(42)	86	7	77	17
		75	1	83	27(110)	22	22	71	71	1	74	27	84(249)
144.4	4.0	69	69	23	23	90	37	50	9(42)	86	6	77	17
		75	0	84	26(110)	22	22	71	71	0	74	27	84(249)

150.9 3.1 69 69 23 23 90 36 49 9(42) 85 6 77 16
 75 0 83 26(110) 22 22 70 70 0 74 27 84(249)
 157.5 2.2 69 69 23 23 89 36 49 9(42) 85 6 77 16
 74 0 83 26(110) 22 22 70 70 0 74 27 83(249)

 HA=124.3 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 6.9 7.8 7.8

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 130.9 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)					3(90)		
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
78.7	9.5	56	56	40	40	59	52	43	37(14)	61	33	59	37
		61	33	59	37(90)	39	39	56	56	33	61	37	59(270)
85.3	8.8	57	57	38	38	63	50	44	33(24)	64	30	61	35
		63	29	62	36(96)	37	37	58	58	29	63	36	62(263)
91.9	8.4	59	59	35	35	68	47	45	29(30)	68	26	64	32
		65	24	66	35(102)	35	35	60	60	24	65	35	66(257)
98.4	7.9	61	61	33	33	73	45	47	25(35)	71	23	66	29
		66	20	69	34(106)	32	32	62	62	20	66	34	70(253)
105.0	7.5	63	63	31	31	77	43	48	22(38)	74	19	69	27
		68	16	73	33(108)	30	30	64	64	15	67	33	73(251)
111.5	7.1	65	65	29	29	80	43	47	19(37)	77	16	71	24
		69	12	76	32(110)	28	28	66	66	11	69	32	76(249)
118.1	6.8	67	67	27	27	84	41	48	15(39)	81	12	74	21
		73	8	78	28(107)	26	26	68	68	7	73	29	79(252)
124.7	6.4	69	69	25	25	88	39	49	12(41)	84	9	76	19
		74	4	81	28(109)	24	24	70	70	4	74	28	82(250)
131.2	5.5	69	69	24	24	88	38	49	11(41)	84	8	76	18
		75	3	82	27(109)	24	24	70	70	3	74	28	82(250)
137.8	4.6	69	69	24	24	89	38	49	10(41)	85	7	77	18
		75	2	82	27(109)	23	23	70	70	2	75	27	83(250)
144.4	3.7	69	69	24	24	89	38	49	10(41)	85	7	77	17
		75	1	82	26(109)	22	22	70	70	1	74	27	83(250)
150.9	3.1	69	69	23	23	90	36	49	9(42)	85	6	77	16
		75	0	84	26(110)	22	22	71	71	0	74	26	84(249)
157.5	2.2	69	69	23	23	89	36	49	9(42)	85	6	77	16
		74	0	83	26(110)	22	22	70	70	0	73	26	83(249)

 HA=130.9 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 6.9 7.8 7.8

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)					3(90)		
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D

78.7	10.6	58	58	38	38	65	50	45	33(25)	65	30	62	35
		64	29	63	36(97)	37	37	59	59	29	64	36	63(262)
85.3	10.1	61	61	35	35	70	47	46	28(32)	69	26	65	32
		66	23	67	35(103)	34	34	61	61	23	66	35	68(256)
91.9	9.7	63	63	33	33	75	45	47	24(36)	73	21	68	28
		68	18	72	34(107)	32	32	63	63	18	67	34	72(252)
98.4	9.3	65	65	30	30	80	42	49	20(39)	77	17	71	25
		69	13	75	33(110)	30	30	66	66	13	69	33	76(249)
105.0	8.8	67	67	28	28	84	42	49	17(39)	80	14	73	22
		73	9	78	30(107)	27	27	68	68	9	73	30	78(252)
111.5	8.2	69	69	26	26	87	40	49	14(40)	83	11	75	20
		75	6	81	28(108)	25	25	69	69	6	74	29	81(251)
118.1	7.1	69	69	26	26	88	39	49	12(41)	84	9	76	19
		75	4	82	28(109)	24	24	70	70	4	74	29	82(250)
124.7	6.0	69	69	25	25	88	39	49	12(41)	84	9	76	19
		75	3	82	28(109)	24	24	70	70	3	74	28	82(250)
131.2	5.1	69	69	24	24	89	38	49	10(41)	85	7	77	18
		75	2	82	27(109)	23	23	70	70	2	75	27	83(250)
137.8	4.2	69	69	24	24	89	38	49	10(41)	85	6	77	17
		75	1	83	26(109)	22	22	70	70	1	75	27	83(250)
144.4	3.3	69	69	23	23	90	37	49	9(42)	85	6	77	17
		75	0	83	26(110)	22	22	70	70	0	74	27	83(249)
150.9	2.4	69	69	23	23	89	36	49	9(42)	85	6	77	16
		75	0	83	26(110)	22	22	70	70	0	74	27	83(249)

 HA=138.1 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.7 7.7

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 48.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
78.7	9.5	56	56	39	39	61	51	43	36(18)	63	32	60	37
		62	32	60	37(91)	38	38	57	57	32	62	37	60(268)
85.3	8.8	58	58	37	37	65	49	45	32(27)	66	29	62	34
		64	27	63	35(98)	36	36	59	59	27	64	36	64(261)
91.9	8.4	60	60	35	35	70	47	46	28(32)	69	25	65	31
		65	22	68	35(104)	34	34	61	61	22	65	35	68(255)
98.4	7.9	62	62	32	32	75	44	47	24(36)	73	21	67	28
		67	18	71	34(107)	32	32	63	63	17	67	34	71(252)
105.0	7.7	65	65	30	30	79	43	47	20(37)	77	17	71	25
		69	13	75	32(110)	29	29	66	66	12	69	33	76(249)
111.5	7.3	67	67	28	28	83	41	48	16(39)	80	13	73	22
		73	9	78	29(107)	27	27	67	67	9	72	30	78(252)
118.1	7.1	69	69	25	25	88	39	50	12(41)	84	9	76	19
		75	4	82	28(109)	24	24	70	70	4	74	28	82(250)
124.7	6.0	69	69	25	25	88	39	49	11(41)	84	9	76	19
		75	3	82	27(109)	24	24	70	70	3	74	28	82(250)
131.2	5.1	69	69	24	24	89	38	49	10(41)	85	7	77	18
		75	2	83	27(109)	23	23	70	70	2	75	27	83(250)

137.8 4.2 69 69 24 24 90 37 50 9(42) 85 6 77 17
 75 1 83 27(110) 22 22 71 71 1 74 27 83(249)
 144.4 3.3 69 69 23 23 90 37 49 9(42) 85 6 77 17
 75 0 83 26(110) 22 22 70 70 0 74 27 84(249)
 150.9 2.4 69 69 23 23 90 36 49 9(42) 85 6 77 16
 75 0 83 26(110) 22 22 70 70 0 74 26 84(249)

 HA=145.0 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.7 7.8

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
A	B	C	D	A	B	C	D	A	B	C	D		
85.3	10.1	61	61	34	34	72	46	47	27(34)	71	24	66	31
		66	22	69	35(105)	34	34	62	62	21	66	35	69(254)
91.9	9.7	64	64	32	32	77	43	48	22(38)	75	20	69	27
		68	16	73	33(108)	31	31	64	64	16	68	34	73(251)
98.4	9.3	66	66	30	30	81	43	48	19(38)	79	16	72	24
		70	11	77	32(111)	29	29	67	67	11	69	33	77(248)
105.0	8.8	68	68	27	27	86	41	49	15(40)	82	12	75	21
		74	7	80	29(108)	26	26	69	69	7	74	30	80(251)
111.5	7.7	69	69	26	26	87	40	49	13(40)	83	10	76	20
		75	5	81	28(108)	25	25	69	69	5	74	28	81(251)
118.1	6.6	69	69	25	25	88	39	49	12(41)	84	9	76	19
		75	4	82	28(109)	24	24	70	70	4	74	28	82(250)
124.7	5.5	69	69	24	24	88	38	49	11(41)	84	8	76	18
		75	3	82	27(109)	24	24	70	70	3	74	28	82(250)
131.2	4.4	69	69	24	24	88	38	49	11(41)	84	7	76	18
		75	2	82	27(109)	23	23	70	70	2	74	27	82(250)
137.8	3.5	69	69	24	24	89	37	49	10(41)	85	7	77	17
		75	1	82	26(109)	22	22	70	70	1	74	27	83(250)
144.4	2.6	69	69	23	23	89	37	49	9(41)	85	6	77	17
		75	1	82	26(109)	22	22	70	70	0	74	26	83(250)

 HA=152.2 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.7 7.7

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 161.4 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 48.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
A	B	C	D	A	B	C	D	A	B	C	D		
85.3	8.8	59	59	36	36	67	48	45	30(29)	67	27	63	33
		65	25	65	35(101)	35	35	60	60	25	64	35	65(258)
91.9	8.4	61	61	34	34	72	45	46	26(34)	71	23	66	30
		67	20	69	34(105)	33	33	62	62	20	66	34	69(254)

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D
91.9	8.6	63	63	32	32	76	44	48	23	37	74	21	68	28				
		68	17	72	33	31	31	64	64		17	67	34	72	(252)			
98.4	8.2	65	65	30	30	80	43	47	19	37	77	17	71	25				
		69	12	76	32	29	29	66	66		12	69	33	76	(249)			
105.0	7.7	67	67	27	27	84	41	48	15	39	81	13	74	22				
		74	8	79	29	26	26	68	68		8	73	29	79	(252)			
111.5	6.4	67	67	27	27	85	40	49	14	40	81	11	74	21				
		73	7	79	29	26	26	68	68		7	73	29	79	(251)			
118.1	5.1	67	67	26	26	85	39	49	14	40	81	11	74	21				
		73	6	79	28	25	25	68	68		6	73	29	79	(251)			
124.7	4.0	67	67	26	26	85	39	48	13	40	81	10	74	20				
		73	6	79	28	25	25	68	68		5	73	28	80	(251)			
131.2	3.1	67	67	25	25	86	39	48	12	40	82	9	75	19				
		74	4	80	27	24	24	69	69		4	73	28	80	(251)			

HA=175.5 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.8 7.4 7.4

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 180.1 ft Length of jib = 82.0 ft

Main boom sequence = 0-90-90-90-90-90 % LK = 73

Counterweight = 48.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D
91.9	9.7	66	66	30	30	81	43	48	19	38	78	16	72	24				
		70	12	77	33	29	29	67	67		12	69	33	77	(248)			
98.4	8.4	67	67	28	28	83	42	49	17	39	80	14	73	23				
		71	9	78	32	28	28	67	67		9	70	32	78	(248)			
105.0	6.8	66	66	28	28	83	41	48	16	39	80	13	73	22				
		73	9	78	29	27	27	67	67		9	72	30	78	(252)			
111.5	5.5	66	66	27	27	83	41	48	15	39	80	12	73	21				
		73	8	78	28	26	26	67	67		8	72	29	78	(252)			
118.1	4.4	67	67	26	26	84	39	48	14	40	81	11	74	21				
		73	6	79	28	25	25	68	68		6	72	29	79	(251)			
124.7	3.3	67	67	26	26	84	39	48	13	40	81	10	74	20				
		73	6	79	28	24	24	68	68		5	72	28	79	(251)			
131.2	2.2	66	66	26	26	84	39	48	13	40	81	10	74	20				
		73	5	79	27	24	24	68	68		5	72	28	79	(251)			

HA=180.1 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.3 7.4

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 191.9 ft Length of jib = 82.0 ft

Main boom sequence = 0-100-100-100-100-100 % LK = 74

Counterweight = 48.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.		
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)	
		A	B	C	D	A	B	C	D	A	B	C	D		A	B

	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
98.4	7.9	66	66	29	29	82	42	48	18	(38)	79	15	72	23
		70	10	77	32(111)	28	28	67	67	10	69	32	78(248)	
105.0	6.4	66	66	28	28	82	42	48	17	(38)	79	14	72	23
		72	10	77	29(106)	27	27	67	67	10	72	30	77(253)	
111.5	5.1	66	66	28	28	82	41	48	16	(39)	79	13	72	22
		72	9	77	29(107)	26	26	67	67	9	71	29	77(252)	
118.1	4.0	66	66	27	27	83	40	48	15	(39)	80	12	73	21
		72	7	78	28(107)	26	26	67	67	7	72	29	78(252)	
124.7	2.9	66	66	26	26	83	40	47	14	(39)	80	11	73	21
		72	7	78	28(107)	25	25	67	67	6	72	28	78(252)	

HA=191.9 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.2 7.3

HA=191.9 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=191.9 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=191.9 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=191.9 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02
14.10.2003, 15:45:01
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H

DEMAG Mobile Cranes
O U T R I G G E R - L O A D I N G S
(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer KS

Outrigger width = 18.7 ft Outrigger length = 27.7 ft
Outrigger "A" X = 12.0 ft Outrigger "A" Y = 9.4 ft
Outrigger "B" X = 12.0 ft Outrigger "B" Y = -9.4 ft
Outrigger "C" X = -15.7 ft Outrigger "C" Y = 9.4 ft
Outrigger "D" X = -15.7 ft Outrigger "D" Y = -9.4 ft

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 40.7 ft Length of jib = 82.0 ft
Main boom sequence = 0-0-0-0-0-0 % LK = 1
Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)	2(...)	3(90)	4(...)	5(180)	6(...)	7(90)	8(0)						
	A	B	C	D	A	B	C	D	A	B	C	D		
16.4	27.1	45	45	55	55	40	54	47	58	(59)	41	58	43	56
		46	60	42	52(128)	55	55	45	45	60	46	52	42(232)	

19.7	26.5	47	47	53	53	44	52	48	55(59)	44	55	46	54
		47	55	45	51(128)	52	52	47	47	55	47	51	45(232)
23.0	25.1	48	48	51	51	47	50	49	52(59)	47	51	48	51
		48	52	47	50(128)	50	50	48	48	52	48	50	47(232)
26.2	24.0	49	49	49	49	50	49	49	49(59)	49	48	50	49
		49	48	50	49(127)	49	49	50	50	48	49	49	50(232)
29.5	22.7	50	50	47	47	52	47	50	46(59)	51	45	51	47
		50	45	52	48(128)	47	47	51	51	45	50	48	52(232)
32.8	21.6	51	51	46	46	54	45	51	44(59)	54	43	53	45
		50	42	54	47(128)	45	45	52	52	42	50	47	54(232)
39.4	19.4	53	53	43	43	58	42	52	39(59)	57	38	55	41
		57	38	55	41(90)	42	42	54	54	38	57	41	55(270)
45.9	17.2	54	54	40	40	56	53	41	39(7)	60	34	57	38
		60	34	57	38(90)	39	39	55	55	34	60	38	57(270)
52.5	15.9	56	56	38	38	61	50	43	34(21)	63	30	60	35
		62	30	61	36(94)	37	37	57	57	30	62	36	61(265)
59.1	14.3	57	57	36	36	65	48	44	31(27)	65	27	62	33
		63	26	63	35(99)	35	35	58	58	25	63	35	63(260)
65.6	12.8	58	58	34	34	67	46	44	28(31)	67	24	63	31
		64	22	65	34(102)	33	33	59	59	22	63	34	65(257)
72.2	11.9	60	60	32	32	71	44	45	24(34)	69	21	65	28
		65	19	68	33(105)	31	31	61	61	18	65	33	68(254)
78.7	11.0	61	61	31	31	74	42	46	22(37)	72	19	67	26
		66	15	71	32(108)	29	29	62	62	15	65	32	71(251)
85.3	10.4	62	62	29	29	77	41	46	19(37)	74	15	69	24
		67	11	73	31(110)	27	27	64	64	11	66	32	74(249)
91.9	9.5	63	63	27	27	79	40	46	17(38)	76	13	70	22
		70	9	74	28(106)	26	26	65	65	9	69	29	75(253)
98.4	9.0	65	65	26	26	82	39	47	14(39)	79	10	72	20
		71	6	77	27(107)	24	24	66	66	6	71	28	77(252)
105.0	8.2	65	65	25	25	83	38	47	12(40)	80	9	73	19
		71	4	78	27(108)	23	23	67	67	4	71	27	78(251)

HA= 40.7 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.3 7.3

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 54.5 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-0-45 % LK = 7

Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)								
	4(...)		5(180)		6(...)								
A	B	C	D	A	B	C	D	A	B	C	D		
19.7	25.1	46	46	53	53	42	52	47	55(59)	43	55	45	54
		47	56	44	51(128)	53	53	46	46	56	47	51	44(232)
23.0	24.7	48	48	51	51	46	50	49	52(59)	47	52	48	51
		48	52	47	50(128)	50	50	48	48	52	48	50	47(232)
26.2	23.6	49	49	49	49	49	49	49	49(59)	49	49	49	49
		49	49	49	49(127)	49	49	49	49	49	49	49	49(232)
29.5	22.7	50	50	47	47	52	47	50	46(59)	52	45	51	47
		50	45	52	48(128)	47	47	51	51	45	50	48	52(232)
32.8	21.8	52	52	45	45	55	45	51	43(59)	54	43	53	45
		51	42	54	47(128)	45	45	52	52	42	51	47	54(232)

39.4	19.8	54	54	43	43	59	42	52	39(59)	58	38	56	41
		58	38	56	41(90)	42	42	54	54	38	58	41	56(270)
45.9	18.1	55	55	40	40	58	52	42	38(13)	61	33	59	37
		61	33	59	37(90)	39	39	56	56	33	61	37	59(270)
52.5	16.3	57	57	37	37	63	49	43	33(23)	64	30	61	35
		63	29	62	35(95)	37	37	58	58	29	63	36	62(264)
59.1	15.2	59	59	35	35	67	47	45	29(30)	67	26	63	32
		64	24	65	34(101)	34	34	60	60	24	64	35	65(258)
65.6	13.9	60	60	33	33	71	44	45	26(34)	69	22	65	29
		65	20	68	34(105)	32	32	61	61	20	65	34	68(254)
72.2	12.8	61	61	31	31	74	43	46	22(36)	72	20	67	27
		66	16	70	32(107)	30	30	62	62	16	66	33	71(252)
78.7	11.7	62	62	30	30	76	41	47	20(38)	74	17	68	25
		67	13	73	32(109)	28	28	63	63	13	66	32	73(250)
85.3	11.0	64	64	28	28	79	41	47	17(38)	77	14	70	22
		70	10	75	29(106)	26	26	65	65	10	70	29	75(253)
91.9	10.1	65	65	26	26	81	39	47	15(39)	78	11	72	21
		71	7	77	28(107)	25	25	66	66	7	71	28	77(252)
98.4	9.3	65	65	25	25	83	38	47	13(40)	80	9	73	19
		72	5	78	27(108)	24	24	67	67	5	71	28	78(251)
105.0	8.2	65	65	24	24	84	38	47	12(40)	80	9	73	19
		72	4	78	26(108)	23	23	67	67	4	71	27	78(251)
111.5	7.1	65	65	24	24	83	37	47	12(40)	80	8	73	18
		71	3	78	26(108)	23	23	67	67	3	71	27	78(251)
118.1	6.2	65	65	24	24	84	37	47	11(40)	80	7	73	18
		72	2	78	26(108)	22	22	67	67	2	71	26	78(251)

HA= 54.5 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.6 7.3 7.3

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 68.6 ft Length of jib = 82.0 ft
Main boom sequence = 0-0-0-0-0-90 % LK = 13
Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	4(...)		5(180)		6(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
23.0	22.9	46	46	51	51	44	50	48	53(59)	45	52	46	52
		47	53	45	50(128)	51	51	47	47	53	47	50	45(232)
26.2	22.5	48	48	49	49	48	49	49	49(59)	48	49	49	49
		48	49	49	49(127)	49	49	49	49	49	48	49	49(232)
29.5	21.8	50	50	47	47	51	47	50	47(59)	50	46	50	47
		49	46	51	48(128)	47	47	50	50	46	49	48	51(232)
32.8	21.2	51	51	46	46	54	45	50	44(59)	53	43	52	45
		50	42	54	47(128)	45	45	52	52	42	50	47	54(232)
39.4	19.4	53	53	43	43	59	42	52	39(59)	57	38	56	41
		57	38	56	41(90)	42	42	54	54	38	57	41	56(270)
45.9	17.6	55	55	40	40	57	52	42	38(11)	60	34	58	38
		60	34	58	38(90)	39	39	56	56	34	60	38	58(270)
52.5	15.9	56	56	38	38	62	49	43	34(22)	63	30	60	35
		62	30	61	36(94)	37	37	57	57	29	62	36	61(265)
59.1	14.1	57	57	36	36	65	47	44	31(27)	65	27	62	33
		63	26	63	35(99)	35	35	58	58	26	63	35	63(260)

65.6	13.0	59	59	34	34	68	45	45	27(32)	67	24	63	30
		64	22	66	34(103)	33	33	60	60	21	64	34	66(256)
72.2	11.9	60	60	32	32	71	43	45	24(35)	70	21	65	28
		65	18	69	33(106)	31	31	61	61	18	64	33	69(253)
78.7	10.6	60	60	31	31	73	42	45	22(36)	71	19	66	27
		65	16	70	32(107)	30	30	62	62	16	65	32	70(252)
85.3	9.5	61	61	30	30	75	41	46	20(38)	72	17	67	25
		66	13	71	31(108)	28	28	62	62	13	65	32	71(251)
91.9	8.8	62	62	28	28	77	41	45	18(37)	75	15	69	23
		67	10	73	31(110)	27	27	64	64	10	66	31	74(249)
98.4	8.4	64	64	26	26	80	39	47	15(39)	77	12	71	21
		70	7	75	28(107)	25	25	65	65	7	69	28	76(252)
105.0	7.7	65	65	25	25	82	38	46	13(39)	79	10	72	19
		71	5	77	27(107)	24	24	66	66	5	71	27	77(252)
111.5	7.1	65	65	24	24	84	37	47	11(40)	80	8	73	18
		72	3	78	26(108)	22	22	67	67	3	71	26	79(251)
118.1	6.2	65	65	24	24	84	37	47	11(40)	80	7	73	17
		72	2	79	26(108)	22	22	67	67	2	71	26	79(251)
124.7	5.3	65	65	23	23	84	37	47	10(40)	80	7	73	17
		72	2	79	25(108)	22	22	67	67	2	71	26	79(251)
131.2	4.6	65	65	23	23	85	35	47	9(41)	81	6	74	17
		71	1	79	25(109)	21	21	67	67	0	71	26	79(250)

HA= 68.6 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.6 7.4 7.4

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 70.2 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-0-100 % LK = 14

Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
23.0	22.7	46	46	51	51	44	51	48	53(59)	45	52	46	52
		47	53	45	50(128)	51	51	47	47	53	47	50	45(232)
26.2	22.3	48	48	49	49	48	49	49	50(59)	48	49	48	49
		48	49	48	49(127)	49	49	49	49	49	48	49	48(232)
29.5	21.6	49	49	48	48	51	47	50	47(59)	50	46	50	47
		49	46	51	48(128)	47	47	50	50	46	49	48	51(232)
32.8	20.3	50	50	46	46	53	45	50	45(59)	52	44	52	45
		50	43	52	48(128)	45	45	51	51	43	50	48	52(232)
39.4	18.1	52	52	43	43	56	43	51	40(59)	55	39	54	42
		50	38	56	46(128)	43	43	53	53	38	50	46	56(232)
45.9	16.3	54	54	41	41	60	40	52	37(59)	58	35	56	39
		58	35	56	39(90)	40	40	54	54	35	58	39	56(270)
52.5	14.3	54	54	39	39	58	51	42	37(14)	60	32	58	37
		60	32	58	37(90)	38	38	56	56	32	60	37	58(270)
59.1	12.3	55	55	37	37	60	49	42	34(20)	61	30	59	35
		61	30	59	35(92)	36	36	56	56	30	61	35	59(267)
65.6	11.2	56	56	36	36	63	47	43	31(26)	63	27	60	33
		62	26	62	34(98)	34	34	57	57	26	62	34	62(261)
72.2	10.4	58	58	34	34	66	45	44	27(31)	66	24	62	30
		63	22	65	33(102)	32	32	59	59	22	63	34	65(257)

78.7	9.3	58	58	33	33	68	44	44	25(33)	67	22	63	29
		63	19	66	33(104)	31	31	60	60	19	63	33	66(255)
85.3	8.2	59	59	32	32	70	42	45	24(35)	68	20	64	28
		64	17	67	32(105)	30	30	60	60	17	63	32	67(254)
91.9	7.7	60	60	30	30	73	41	45	21(37)	71	17	66	25
		65	14	70	31(108)	28	28	62	62	14	64	32	70(251)
98.4	7.1	61	61	28	28	75	41	45	19(36)	73	15	67	24
		66	11	72	30(109)	27	27	63	63	11	65	31	72(250)
105.0	6.4	62	62	27	27	77	40	45	17(37)	74	13	69	22
		69	10	73	28(105)	26	26	63	63	10	68	28	73(254)
111.5	6.0	63	63	26	26	79	39	45	15(38)	76	11	70	21
		70	7	75	27(106)	24	24	65	65	7	69	27	75(253)
118.1	5.5	64	64	25	25	81	38	46	13(39)	78	9	71	19
		70	5	76	26(107)	23	23	66	66	5	70	27	77(252)
124.7	5.1	65	65	24	24	83	37	46	11(40)	79	7	73	18
		71	3	78	26(108)	22	22	67	67	2	71	26	78(251)
131.2	4.6	66	66	23	23	85	35	47	9(41)	81	6	74	17
		71	1	79	25(109)	21	21	67	67	0	71	26	80(250)
137.8	4.0	65	65	22	22	85	35	47	9(41)	81	5	74	16
		71	0	79	25(109)	21	21	67	67	0	71	25	80(250)

HA= 70.2 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.6 7.4 7.4

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 82.3 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-45-90 % LK = 20

Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		4(...)					
		A	B	C	D	A	B	C	D				
26.2	21.6	48	48	49	49	47	49	49	50(59)	47	49	48	49
		48	49	48	49(127)	49	49	48	48	49	48	49	48(232)
29.5	21.2	49	49	47	47	50	47	49	47(59)	50	46	50	47
		49	46	51	48(128)	47	47	50	50	46	49	48	51(232)
32.8	20.7	51	51	46	46	54	45	50	44(59)	53	43	52	45
		50	42	54	47(128)	45	45	52	52	42	50	47	54(232)
39.4	19.4	54	54	42	42	59	42	52	39(59)	58	37	56	41
		58	37	56	41(90)	42	42	54	54	37	58	41	56(270)
45.9	17.9	56	56	39	39	59	52	43	37(15)	62	33	59	37
		62	33	59	37(90)	39	39	56	56	33	62	37	59(270)
52.5	16.5	58	58	37	37	64	49	44	32(26)	65	29	62	34
		63	27	63	35(98)	36	36	58	58	27	63	36	63(261)
59.1	15.0	59	59	35	35	68	46	45	28(31)	67	25	63	31
		64	23	66	34(102)	34	34	60	60	23	64	34	66(257)
65.6	13.4	60	60	33	33	71	44	45	25(34)	69	22	65	29
		65	19	68	33(105)	32	32	61	61	19	65	34	68(254)
72.2	12.6	62	62	31	31	75	42	46	22(37)	72	19	67	26
		66	15	71	32(108)	30	30	63	63	15	66	33	71(251)
78.7	11.7	63	63	29	29	77	42	46	19(37)	75	16	69	24
		67	11	74	32(110)	28	28	64	64	11	67	32	74(249)
85.3	10.6	64	64	28	28	79	40	46	17(38)	77	13	70	22
		70	9	75	28(106)	26	26	65	65	9	70	29	75(253)

91.9	9.7	65	65	26	26	82	39	47	15(39)	78	11	72	21
		71	7	77	28(107)	25	25	66	66	7	71	28	77(252)
98.4	8.8	65	65	25	25	83	38	47	13(40)	80	9	73	19
		72	4	78	27(108)	24	24	67	67	4	71	27	78(251)
105.0	7.7	66	66	24	24	84	37	47	12(40)	80	8	73	18
		72	3	78	26(108)	23	23	67	67	3	71	27	79(251)
111.5	6.6	65	65	24	24	84	37	47	11(40)	80	8	73	18
		72	3	78	26(108)	22	22	67	67	3	71	26	79(251)
118.1	5.7	65	65	23	23	84	37	47	11(40)	80	7	73	17
		72	2	79	25(108)	22	22	67	67	2	71	26	79(251)
124.7	5.1	66	66	23	23	85	36	47	9(41)	81	6	74	16
		72	0	80	25(109)	21	21	68	68	0	71	26	80(250)
131.2	4.2	65	65	23	23	85	35	47	9(41)	81	6	74	16
		71	0	79	25(109)	21	21	67	67	0	71	26	80(250)
137.8	3.5	65	65	22	22	85	35	47	9(41)	81	5	74	16
		71	0	80	24(109)	21	21	67	67	0	71	25	80(250)
144.4	2.9	65	65	22	22	85	35	47	9(41)	81	5	74	16
		71	0	80	24(109)	20	20	67	67	0	70	24	80(250)

 HA= 82.3 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.6 7.4 7.5

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 84.0 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-45-100 % LK = 21

Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
26.2	21.2	47	47	49	49	47	49	48	50(59)	47	49	48	50
		48	49	48	49(127)	49	49	48	48	49	48	49	48(232)
29.5	20.9	49	49	47	47	50	47	49	47(59)	50	46	50	47
		49	46	50	48(128)	47	47	50	50	46	49	48	50(232)
32.8	20.5	51	51	46	46	54	45	50	44(59)	53	43	52	45
		50	42	53	47(128)	45	45	51	51	42	50	47	53(232)
39.4	18.5	53	53	43	43	58	42	51	39(59)	56	38	55	41
		51	37	57	46(128)	42	42	54	54	37	51	46	57(232)
45.9	16.8	54	54	40	40	56	52	42	39(8)	60	34	58	38
		60	34	58	38(90)	39	39	55	55	34	60	38	58(270)
52.5	15.0	56	56	38	38	60	50	43	34(20)	62	31	59	35
		62	30	60	36(92)	37	37	57	57	30	62	36	60(267)
59.1	13.4	57	57	36	36	64	48	43	31(26)	64	28	61	33
		63	26	62	35(98)	35	35	58	58	26	62	35	63(261)
65.6	11.9	58	58	34	34	66	46	44	28(30)	66	25	62	31
		63	23	64	34(101)	33	33	59	59	23	63	34	64(258)
72.2	11.0	59	59	33	33	70	44	45	25(34)	69	22	64	29
		64	19	67	33(105)	31	31	60	60	19	64	33	67(254)
78.7	10.1	60	60	31	31	73	42	45	22(36)	71	19	66	26
		65	16	70	32(107)	30	30	62	62	15	65	32	70(252)
85.3	9.3	61	61	29	29	75	41	46	20(38)	73	17	67	25
		66	13	72	31(109)	28	28	63	63	13	65	32	72(250)
91.9	8.4	62	62	28	28	77	41	45	18(37)	74	15	69	23
		66	10	73	31(110)	27	27	64	64	10	66	31	74(249)

98.4	7.7	63	63	27	27	79	39	46	16(38)	76	12	70	21
		70	8	75	28(106)	25	25	65	65	8	69	28	75(253)
105.0	7.1	64	64	25	25	81	38	46	14(39)	78	10	71	20
		71	6	76	27(107)	24	24	66	66	6	70	27	77(252)
111.5	6.6	65	65	24	24	84	37	47	11(40)	80	8	73	18
		72	3	78	26(108)	22	22	67	67	3	71	26	79(251)
118.1	5.7	65	65	23	23	84	37	47	11(40)	80	7	73	17
		72	2	79	25(108)	22	22	67	67	2	71	26	79(251)
124.7	5.1	66	66	23	23	85	36	47	9(41)	81	6	74	16
		72	0	80	25(109)	21	21	68	68	0	71	26	80(250)
131.2	4.2	65	65	23	23	85	35	47	9(41)	81	6	74	16
		71	0	79	25(109)	21	21	67	67	0	71	26	80(250)
137.8	3.5	65	65	22	22	85	35	47	9(41)	81	5	74	16
		71	0	80	24(109)	21	21	67	67	0	71	25	80(250)
144.4	2.9	65	65	22	22	85	35	47	9(41)	81	5	74	16
		71	0	80	24(109)	20	20	67	67	0	70	24	80(250)
150.9	2.4	66	66	21	21	86	35	47	8(41)	81	4	74	15
		70	0	82	22(109)	20	20	68	68	0	69	23	82(250)

HA= 84.0 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.6 7.6 7.6

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 96.5 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-90-90 % LK = 28

Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]												(Pos.[Degrees]) 0-360 Degr.
	1(0)				2(...)				3(90)				
	4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D		
29.5	19.8	49	49	48	48	49	47	49	47(59)	49	46	49	47
		48	46	50	48(127)	47	47	49	49	46	48	48	50(232)
32.8	19.6	50	50	46	46	53	45	50	44(59)	52	43	52	45
		49	43	53	47(128)	45	45	51	51	43	49	47	53(232)
39.4	18.7	53	53	42	42	59	42	52	39(59)	57	38	56	41
		57	38	56	41(90)	42	42	54	54	38	57	41	56(270)
45.9	17.6	56	56	39	39	59	51	43	37(16)	62	33	59	37
		62	33	59	37(90)	38	38	57	57	33	62	37	59(270)
52.5	16.3	58	58	37	37	65	49	44	32(26)	65	28	62	34
		63	27	63	35(98)	36	36	59	59	27	63	35	63(261)
59.1	15.2	60	60	34	34	69	46	45	27(32)	69	24	64	30
		65	22	67	34(104)	33	33	61	61	21	64	34	67(255)
65.6	14.1	61	61	32	32	73	43	46	23(36)	72	21	67	28
		66	17	70	33(107)	31	31	62	62	17	66	33	71(252)
72.2	12.8	62	62	30	30	76	42	47	21(38)	74	18	68	26
		67	14	73	32(109)	29	29	63	63	14	66	32	73(250)
78.7	11.9	64	64	28	28	79	41	47	18(38)	77	14	70	23
		68	10	75	31(111)	27	27	65	65	10	67	32	76(248)
85.3	11.2	66	66	26	26	83	39	47	14(39)	80	11	73	21
		72	7	77	28(107)	25	25	67	67	6	71	28	78(252)
91.9	9.9	66	66	25	25	84	38	47	13(40)	80	9	73	19
		72	5	78	27(108)	24	24	67	67	5	71	28	78(251)
98.4	8.6	66	66	25	25	84	38	47	12(40)	80	9	73	19
		72	4	78	27(108)	23	23	67	67	4	71	27	79(251)

105.0	7.3	65	65	24	24	84	37	47	12(40)	80	8	73	18
	72	4	78	26(108)		23	23	67	67	3	71	27	78(251)
111.5	6.4	66	66	24	24	84	37	47	11(40)	81	7	73	17
	72	2	79	26(108)		22	22	67	67	2	71	26	79(251)
118.1	5.5	66	66	23	23	85	36	47	10(41)	81	6	74	17
	72	1	79	26(109)		21	21	67	67	1	71	26	80(250)
124.7	4.6	66	66	23	23	85	35	47	9(41)	81	6	74	17
	72	0	79	25(109)		21	21	67	67	0	71	26	80(250)
131.2	4.0	66	66	22	22	86	35	47	9(41)	81	5	74	16
	71	0	80	24(109)		20	20	68	68	0	71	25	81(250)
137.8	3.1	65	65	22	22	85	35	47	9(41)	81	5	74	16
	71	0	80	25(109)		20	20	67	67	0	70	25	80(250)
144.4	2.4	65	65	22	22	85	35	47	9(41)	81	5	73	16
	71	0	80	24(109)		20	20	67	67	0	70	24	80(250)

HA= 96.5 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.6 7.5 7.5

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 100.4 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-100-100 % LK = 29

Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)							
		4(...)	5(180)	6(...)									
A	B	C	D	A	B	C	D	A	B	C	D		
32.8	19.0	50	50	46	46	52	45	50	45(59)	51	44	51	45
		49	43	52	47(128)	45	45	50	50	43	49	47	52(232)
39.4	18.1	53	53	43	43	58	42	51	39(59)	56	38	55	41
		56	38	55	41(90)	42	42	53	53	38	56	41	55(270)
45.9	16.5	54	54	40	40	57	52	42	38(10)	60	34	58	38
		60	34	58	38(90)	39	39	56	56	34	60	38	58(270)
52.5	15.2	56	56	37	37	62	49	43	33(23)	63	30	60	35
		62	29	61	35(95)	36	36	57	57	29	62	36	61(264)
59.1	13.9	58	58	35	35	66	47	44	29(29)	66	26	62	32
		63	24	64	34(101)	34	34	59	59	24	63	35	65(258)
65.6	12.8	60	60	33	33	70	45	45	26(33)	69	22	65	29
		65	20	67	33(104)	32	32	61	61	20	65	34	67(255)
72.2	11.5	60	60	32	32	72	43	46	23(36)	71	20	66	27
		65	17	69	33(107)	30	30	62	62	17	65	33	70(252)
78.7	10.6	62	62	30	30	75	41	47	20(38)	73	17	68	25
		66	13	72	32(109)	28	28	63	63	13	66	32	72(250)
85.3	9.7	63	63	28	28	78	41	46	18(37)	75	14	69	23
		67	10	74	31(110)	27	27	64	64	10	67	31	74(249)
91.9	9.0	64	64	26	26	81	39	47	15(39)	78	12	71	21
		71	7	76	28(107)	25	25	66	66	7	70	28	76(252)
98.4	8.4	65	65	25	25	83	38	47	13(40)	80	9	73	19
		72	4	78	27(108)	23	23	67	67	4	71	27	78(251)
105.0	7.3	65	65	24	24	84	37	47	12(40)	80	8	73	18
		72	3	78	26(108)	23	23	67	67	3	71	27	78(251)
111.5	6.4	66	66	24	24	85	36	47	10(41)	81	7	74	17
		72	2	79	26(109)	22	22	67	67	2	71	26	79(250)
118.1	5.5	66	66	23	23	85	36	47	10(41)	81	6	74	17
		72	1	80	26(109)	21	21	68	68	1	71	26	80(250)

124.7	4.6	66	66	23	23	85	35	47	9(41)	81	6	74	16
	72	0	80	25(109)		21	21	68	68	0	71	26	80(250)
131.2	3.7	65	65	22	22	85	35	47	9(41)	81	6	74	16
	71	0	79	25(109)		21	21	67	67	0	71	26	80(250)
137.8	3.1	65	65	22	22	85	35	47	9(41)	81	5	74	16
	71	0	80	24(109)		20	20	67	67	0	70	25	80(250)
144.4	2.4	65	65	22	22	85	35	47	8(41)	81	4	74	15
	71	0	80	24(109)		20	20	67	67	0	70	24	81(250)

 HA=100.4 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.6 7.5 7.5

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
32.8	18.7	50	50	46	46	52	45	50	44(59)	52	43	51	45
	49	43	52	47(128)		45	45	51	51	43	49	47	52(232)
39.4	18.1	53	53	42	42	59	42	51	39(59)	57	37	56	41
	57	37	56	41(90)		41	41	54	54	37	57	41	56(270)
45.9	17.2	56	56	39	39	60	51	43	36(17)	62	32	59	36
	62	32	59	36(90)		38	38	57	57	32	62	37	59(269)
52.5	16.3	58	58	36	36	67	47	45	30(29)	66	27	63	33
	64	25	64	35(100)		35	35	59	59	25	64	35	65(259)
59.1	15.4	61	61	33	33	72	45	46	25(34)	71	22	66	29
	66	20	69	34(105)		32	32	62	62	19	66	34	69(254)
65.6	14.3	63	63	31	31	76	42	47	21(38)	74	19	68	26
	67	15	72	32(108)		30	30	64	64	15	67	33	72(251)
72.2	13.4	64	64	28	28	80	41	47	18(38)	77	15	71	23
	68	10	76	32(111)		27	27	65	65	10	68	32	76(248)
78.7	12.3	66	66	27	27	82	40	47	15(39)	79	12	73	21
	72	7	77	28(107)		25	25	67	67	7	71	28	78(252)
85.3	10.8	66	66	26	26	84	39	48	13(40)	80	10	73	20
	72	6	78	28(108)		24	24	67	67	5	71	28	78(251)
91.9	9.3	66	66	25	25	84	38	47	13(40)	80	9	73	19
	72	4	78	27(108)		24	24	67	67	4	71	27	78(251)
98.4	7.9	66	66	24	24	84	37	47	12(40)	80	8	73	19
	72	4	78	26(108)		23	23	67	67	3	71	27	79(251)
105.0	6.8	66	66	24	24	84	37	47	11(40)	81	7	74	18
	72	2	79	26(108)		22	22	67	67	2	72	26	79(251)
111.5	6.0	66	66	23	23	85	36	47	10(41)	81	6	74	17
	72	1	80	26(109)		21	21	68	68	1	71	26	80(250)
118.1	4.9	66	66	23	23	85	36	47	9(41)	81	6	74	17
	72	1	79	25(109)		21	21	67	67	0	71	26	80(250)
124.7	4.0	66	66	22	22	85	35	47	9(41)	81	6	74	16
	72	0	79	25(109)		21	21	67	67	0	71	26	80(250)
131.2	3.1	65	65	22	22	84	35	47	9(41)	80	5	73	16
	71	0	79	25(109)		21	21	67	67	0	71	25	79(250)
137.8	2.4	65	65	22	22	85	35	47	9(41)	81	5	74	16
	71	0	80	24(109)		20	20	67	67	0	70	24	80(250)

 HA=110.2 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.7 7.4 7.5

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 114.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37
 Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)								
	A	B	C	D	A	B		C		D			
39.4	17.6	53	53	42	42	58	42	51	39(59)	56	38	55	41
		56	38	55	41(90)	41	41	54	54	38	56	41	55(270)
45.9	16.5	55	55	39	39	58	52	42	37(14)	61	33	58	37
		61	33	58	37(90)	38	38	56	56	33	61	37	58(270)
52.5	15.4	57	57	37	37	64	48	44	32(26)	65	28	62	34
		63	27	63	35(98)	35	35	58	58	27	63	35	63(261)
59.1	14.1	59	59	34	34	69	46	45	28(32)	68	24	64	31
		64	22	66	34(103)	33	33	60	60	22	64	34	66(256)
65.6	13.0	61	61	32	32	72	44	46	24(35)	71	21	66	28
		66	18	69	33(106)	31	31	62	62	18	65	33	69(253)
72.2	12.1	62	62	30	30	76	41	47	20(38)	74	17	68	25
		67	13	73	32(109)	29	29	63	63	13	66	32	73(250)
78.7	11.0	63	63	28	28	78	41	46	18(37)	76	14	70	23
		68	10	75	31(110)	27	27	65	65	10	67	31	75(249)
85.3	10.1	65	65	26	26	81	39	47	15(39)	78	12	72	21
		71	7	77	28(107)	25	25	66	66	7	71	28	77(252)
91.9	9.3	66	66	25	25	84	38	47	13(40)	80	9	73	19
		72	4	78	27(108)	24	24	67	67	4	71	27	79(251)
98.4	7.9	66	66	24	24	84	37	47	12(40)	80	8	73	18
		72	3	79	26(108)	23	23	67	67	3	71	27	79(251)
105.0	6.8	66	66	24	24	84	37	47	11(40)	81	7	74	18
		72	2	79	26(108)	22	22	67	67	2	72	26	79(251)
111.5	5.7	66	66	23	23	85	36	47	10(41)	81	7	74	17
		71	2	79	26(109)	22	22	67	67	1	71	26	79(250)
118.1	4.9	66	66	23	23	85	36	47	9(41)	81	6	74	17
		72	0	80	25(109)	21	21	67	67	0	71	26	80(250)
124.7	4.0	66	66	22	22	85	35	47	9(41)	81	5	74	16
		72	0	80	25(109)	21	21	67	67	0	71	25	80(250)
131.2	3.1	65	65	22	22	85	35	47	9(41)	81	5	74	16
		71	0	79	25(109)	21	21	67	67	0	71	25	80(250)
137.8	2.4	65	65	22	22	85	35	47	8(41)	81	5	74	15
		71	0	80	24(109)	20	20	67	67	0	70	24	81(250)

 HA=114.5 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.7 7.5 7.5

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)				
	A	B	C	D	A	B		C	

	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
39.4	17.2	53	53	42	42	58	42	51	39	(59)	57	37	55	41
		57	37	55	41(90)	41	41	54	54	37	57	41	55(270)	
45.9	16.5	56	56	39	39	60	51	43	36	(17)	62	32	59	36
		62	32	59	36(90)	38	38	57	57	32	62	36	59(269)	
52.5	15.9	58	58	36	36	67	47	45	30	(29)	67	27	63	32
		64	25	65	35(101)	35	35	60	60	24	64	35	65(258)	
59.1	15.0	61	61	33	33	72	44	46	25	(35)	71	22	66	29
		66	19	69	34(106)	32	32	62	62	19	65	34	69(253)	
65.6	14.3	63	63	30	30	78	41	48	20	(39)	75	17	69	25
		68	13	74	32(109)	29	29	64	64	13	67	32	74(250)	
72.2	13.4	65	65	28	28	81	41	47	17	(38)	78	13	72	22
		72	9	76	29(106)	26	26	66	66	9	71	29	76(253)	
78.7	12.3	67	67	26	26	84	39	48	13	(40)	81	10	74	20
		73	6	79	28(108)	24	24	68	68	5	72	28	79(251)	
85.3	10.4	66	66	25	25	84	38	48	13	(40)	80	10	73	19
		72	5	78	27(108)	24	24	67	67	5	72	28	79(251)	
91.9	8.8	66	66	25	25	84	38	47	12	(40)	80	9	73	19
		72	4	79	27(108)	23	23	67	67	4	72	27	79(251)	
98.4	7.5	66	66	24	24	84	37	47	11	(40)	81	8	74	18
		72	3	79	26(108)	22	22	67	67	3	72	26	79(251)	
105.0	6.4	66	66	23	23	85	36	47	10	(41)	81	7	74	17
		72	2	80	26(109)	22	22	68	68	1	71	26	80(250)	
111.5	5.3	66	66	23	23	85	36	47	10	(41)	81	6	74	17
		72	1	80	26(109)	21	21	68	68	1	71	26	80(250)	
118.1	4.4	66	66	22	22	86	35	47	9	(41)	82	5	74	16
		72	0	80	25(109)	21	21	68	68	0	71	25	80(250)	
124.7	3.3	65	65	22	22	84	35	47	9	(41)	80	6	73	16
		71	0	79	25(109)	21	21	67	67	0	71	26	79(250)	
131.2	2.6	66	66	22	22	85	35	47	8	(41)	81	4	74	15
		71	0	80	24(109)	20	20	67	67	0	70	24	81(250)	

 HA=124.3 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.7 7.5 7.5

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 130.9 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)									
	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
39.4	16.3	52	52	43	43	57	42	51	39	(59)	56	38	54	41
		50	37	56	46(128)	41	41	53	53	37	50	46	56(232)	
45.9	15.9	55	55	39	39	58	51	42	37	(15)	61	32	58	37
		61	32	58	37(90)	38	38	56	56	32	61	37	58(270)	
52.5	15.0	58	58	36	36	65	48	44	31	(27)	65	28	62	33
		63	26	63	35(99)	35	35	59	59	26	63	35	63(260)	
59.1	14.1	60	60	34	34	70	45	45	26	(33)	69	23	65	30
		65	21	67	34(104)	32	32	61	61	20	65	34	68(255)	
65.6	13.0	62	62	31	31	74	42	47	22	(37)	72	19	67	27
		66	16	71	32(107)	30	30	63	63	16	66	33	71(252)	

72.2	12.1	63	63	29	29	78	42	46	19(37)	75	16	69	24
		67	11	74	32(110)	28	28	65	65	11	67	32	74(249)
78.7	11.5	65	65	27	27	82	40	47	15(39)	79	12	72	21
		72	7	77	28(107)	25	25	67	67	7	71	28	77(252)
85.3	10.4	66	66	25	25	84	38	48	13(40)	81	9	74	19
		73	4	79	27(108)	24	24	68	68	4	72	28	79(251)
91.9	8.8	66	66	24	24	84	38	47	12(40)	81	8	74	18
		73	3	79	26(108)	23	23	68	68	3	72	27	79(251)
98.4	7.5	66	66	24	24	85	37	48	11(41)	81	7	74	18
		72	2	79	26(109)	22	22	68	68	2	71	27	80(250)
105.0	6.2	66	66	23	23	85	36	47	10(41)	81	7	74	17
		72	2	79	26(109)	22	22	67	67	2	71	26	79(250)
111.5	5.3	66	66	23	23	86	36	47	9(41)	82	6	74	16
		72	0	80	25(109)	21	21	68	68	0	71	26	80(250)
118.1	4.2	66	66	22	22	85	35	47	9(41)	81	6	74	16
		72	0	80	25(109)	21	21	67	67	0	71	26	80(250)
124.7	3.3	66	66	22	22	85	35	47	9(41)	81	5	74	16
		71	0	80	24(109)	20	20	67	67	0	71	25	80(250)
131.2	2.4	65	65	22	22	85	35	47	9(41)	81	5	74	16
		71	0	80	24(109)	20	20	67	67	0	70	24	80(250)

HA=130.9 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.7 7.4 7.5

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
45.9	16.1	56	56	38	38	61	50	43	35(20)	62	31	60	36
		62	31	60	36(92)	37	37	57	57	30	62	36	60(267)
52.5	15.4	59	59	35	35	68	47	45	29(30)	67	26	63	32
		64	24	65	35(102)	34	34	60	60	23	64	35	66(257)
59.1	14.8	62	62	32	32	74	44	47	24(36)	72	21	67	28
		66	17	71	33(107)	31	31	63	63	17	66	34	71(252)
65.6	14.1	64	64	29	29	79	42	47	19(37)	76	16	70	24
		68	11	75	32(110)	28	28	65	65	11	68	32	75(249)
72.2	13.0	66	66	27	27	82	40	48	15(39)	79	12	73	21
		72	8	77	28(107)	26	26	67	67	8	72	29	77(252)
78.7	11.0	66	66	26	26	83	39	47	14(39)	80	11	73	20
		72	6	78	28(107)	25	25	67	67	6	72	28	78(252)
85.3	9.3	65	65	25	25	83	38	47	13(40)	80	10	73	19
		71	5	78	27(108)	24	24	67	67	5	71	28	78(251)
91.9	7.7	65	65	25	25	83	38	47	12(40)	80	9	73	19
		71	4	78	27(108)	23	23	67	67	4	71	27	78(251)
98.4	6.4	65	65	24	24	83	37	47	11(40)	80	8	73	18
		71	3	78	26(108)	22	22	67	67	3	71	27	78(251)
105.0	5.3	65	65	24	24	84	37	47	11(40)	80	7	73	17
		72	2	78	25(108)	22	22	67	67	2	71	26	79(251)
111.5	4.2	65	65	23	23	84	36	47	10(41)	80	6	73	17
		71	1	79	26(109)	21	21	67	67	1	70	26	79(250)

118.1 3.3 65 65 22 22 84 35 47 9(41) 80 6 73 16
 71 0 79 25(109) 21 21 67 67 0 71 26 79(250)
 124.7 2.4 65 65 22 22 84 35 47 9(41) 80 5 73 16
 71 0 79 25(109) 20 20 67 67 0 70 25 80(250)

HA=138.1 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.4 7.4

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
45.9	15.0	55	55	39	39	58	51	42	36(15)	61	32	58	37
		61	32	58	37(90)	38	38	56	56	32	61	37	58(270)
52.5	14.8	58	58	35	35	66	47	44	30(29)	66	26	63	32
		64	25	64	34(100)	34	34	59	59	24	63	35	65(259)
59.1	13.9	60	60	33	33	72	44	46	25(35)	70	22	66	29
		65	19	69	33(106)	32	32	62	62	19	65	34	69(253)
65.6	13.2	63	63	30	30	77	41	47	20(39)	75	17	69	25
		67	13	73	32(109)	29	29	64	64	13	67	32	73(250)
72.2	12.3	65	65	28	28	81	41	47	17(38)	78	13	71	22
		71	9	76	28(106)	26	26	66	66	9	71	29	76(253)
78.7	10.6	65	65	26	26	82	39	47	15(39)	79	11	72	21
		71	7	77	28(107)	25	25	66	66	7	71	28	77(252)
85.3	8.8	65	65	26	26	82	39	47	14(39)	79	11	72	20
		71	6	77	27(107)	24	24	66	66	6	71	28	77(252)
91.9	7.5	65	65	25	25	83	38	47	13(40)	79	9	73	19
		71	4	78	27(108)	23	23	67	67	4	71	27	78(251)
98.4	6.2	65	65	24	24	83	37	47	12(40)	79	8	73	18
		71	4	78	26(108)	23	23	67	67	3	71	27	78(251)
105.0	5.1	65	65	24	24	83	37	47	11(40)	80	7	73	18
		71	2	78	26(108)	22	22	67	67	2	71	26	78(251)
111.5	4.0	65	65	23	23	83	36	46	11(40)	80	7	73	17
		71	2	78	25(108)	22	22	67	67	2	71	26	78(251)
118.1	3.1	65	65	23	23	84	35	47	10(41)	80	6	73	17
		71	1	79	25(109)	21	21	67	67	1	70	26	79(250)
124.7	2.2	65	65	22	22	84	35	47	9(41)	80	6	73	16
		71	0	79	25(109)	21	21	67	67	0	70	26	79(250)

HA=145.0 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.6 7.3 7.3

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.	
		1(0)		2(...)		3(90)		6(...)			
		A	B	C	D	A	B	C	D		

45.9	15.0	56	56	38	38	60	50	43	35(19)	62	31	59	36
		62	31	59	36(91)	37	37	57	57	31	62	36	60(268)
52.5	14.8	59	59	35	35	68	46	45	28(31)	67	25	63	31
		64	23	66	34(102)	34	34	60	60	23	64	34	66(257)
59.1	14.1	62	62	32	32	74	43	46	23(36)	72	20	67	27
		67	17	71	33(107)	31	31	63	63	17	66	33	71(252)
65.6	13.7	64	64	29	29	80	41	47	18(38)	77	15	71	23
		68	10	76	32(111)	28	28	65	65	10	68	32	76(248)
72.2	11.5	64	64	28	28	80	41	47	17(38)	77	13	71	22
		71	9	75	28(106)	26	26	66	66	9	71	29	76(253)
78.7	9.7	65	65	26	26	81	39	47	15(39)	78	12	72	21
		71	7	76	28(107)	25	25	66	66	7	70	28	77(252)
85.3	7.9	64	64	26	26	81	39	47	14(39)	78	11	72	20
		71	6	76	27(107)	24	24	66	66	6	70	28	77(252)
91.9	6.4	64	64	25	25	81	38	46	13(39)	78	10	71	20
		71	6	76	27(107)	24	24	66	66	5	70	27	77(252)
98.4	5.3	65	65	24	24	82	37	47	12(40)	79	8	72	19
		71	4	77	26(108)	23	23	66	66	4	70	27	77(251)
105.0	4.0	64	64	24	24	82	37	46	12(40)	78	8	72	18
		70	4	77	26(108)	22	22	66	66	3	70	26	77(251)
111.5	3.1	64	64	23	23	82	36	46	11(40)	79	7	72	17
		71	2	77	25(108)	22	22	66	66	2	70	26	78(251)

 HA=152.2 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.2 7.2

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 161.4 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-100-100-100-100 % LK = 63

Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
52.5	13.0	57	57	36	36	64	47	43	31(27)	64	27	61	33
		63	26	63	34(98)	35	35	58	58	26	62	35	63(261)
59.1	13.0	60	60	32	32	72	44	46	24(35)	70	21	65	28
		65	18	69	33(106)	31	31	62	62	18	65	34	69(253)
65.6	12.6	63	63	30	30	77	43	46	20(36)	75	17	69	24
		68	12	74	32(109)	28	28	64	64	12	67	32	74(250)
72.2	11.0	64	64	28	28	79	41	47	17(38)	77	14	71	22
		70	10	75	29(106)	26	26	65	65	10	70	29	75(253)
78.7	9.0	64	64	27	27	80	40	46	16(38)	77	13	71	22
		70	9	75	28(106)	26	26	65	65	8	70	28	75(253)
85.3	7.5	64	64	26	26	80	39	46	15(39)	77	11	71	21
		70	7	76	27(107)	24	24	65	65	7	70	28	76(252)
91.9	6.2	64	64	25	25	81	38	46	13(39)	78	10	71	20
		71	6	76	27(107)	24	24	66	66	5	70	27	76(252)
98.4	4.9	64	64	25	25	81	38	46	13(39)	78	9	71	19
		70	5	76	26(107)	23	23	66	66	4	70	27	77(252)
105.0	3.7	64	64	24	24	82	37	46	12(40)	78	8	72	18
		70	4	77	26(108)	22	22	66	66	3	69	26	77(251)
111.5	2.6	64	64	24	24	81	36	46	11(40)	78	8	71	18
		70	3	77	26(108)	22	22	66	66	3	69	26	77(251)

 HA=161.4 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.1 7.1

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.					
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)				
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D	
52.5	14.1	59	59	34	34	69	46	45	27	32	68	24	64	30					
		65	22	66	34	103	33	33	60	60		22	64	34	67	256			
59.1	13.9	63	63	31	31	76	42	47	21	38	74	19	68	26					
		67	15	72	32	108	30	30	64	64		15	67	33	73	251			
65.6	12.1	63	63	29	29	78	42	46	19	37	76	15	70	24					
		68	11	75	31	110	28	28	65	65		11	67	32	75	249			
72.2	9.9	63	63	28	28	79	40	46	17	38	76	14	70	23					
		70	10	74	29	106	26	26	65	65		10	69	29	74	253			
78.7	7.9	63	63	27	27	79	40	46	16	38	76	13	70	22					
		70	9	74	28	106	26	26	65	65		9	69	28	75	253			
85.3	6.4	63	63	26	26	79	39	46	15	38	77	11	70	21					
		70	7	75	27	106	24	24	65	65		7	69	28	75	253			
91.9	5.1	63	63	25	25	80	38	46	14	39	77	10	71	20					
		70	6	75	27	107	24	24	65	65		6	69	27	76	252			
98.4	3.7	63	63	25	25	80	37	46	13	39	77	9	71	19					
		70	5	75	26	107	23	23	65	65		5	69	27	76	252			
105.0	2.6	63	63	24	24	80	37	45	12	39	77	9	71	19					
		70	4	76	26	107	22	22	65	65		4	69	26	76	252			

 HA=166.0 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.0 7.0

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 175.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.					
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)				
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D	
52.5	12.1	57	57	35	35	64	47	43	30	27	65	26	61	32					
		63	25	63	34	99	34	34	58	58		25	62	34	63	260			
59.1	12.1	60	60	32	32	72	43	46	24	35	70	21	66	28					
		65	18	69	33	106	31	31	62	62		18	65	33	69	253			
65.6	11.5	63	63	29	29	77	42	46	19	36	75	16	69	24					
		67	12	73	31	109	28	28	64	64		12	67	32	74	250			
72.2	9.5	63	63	28	28	78	41	46	18	37	75	14	69	23					
		67	10	74	31	110	27	27	64	64		10	67	31	75	249			
78.7	7.5	63	63	27	27	78	40	46	17	38	75	13	69	22					
		69	9	74	28	106	26	26	64	64		9	69	29	74	253			
85.3	6.0	63	63	26	26	78	39	45	16	38	76	12	70	21					
		69	8	74	27	106	25	25	64	64		8	69	28	74	253			

91.9 4.6 63 63 26 26 79 38 46 14(39) 76 11 70 20
 69 7 75 27(107) 24 24 65 65 6 69 28 75(252)
 98.4 3.3 63 63 25 25 79 37 45 14(39) 76 10 70 20
 69 6 75 27(107) 23 23 65 65 6 68 27 75(252)
 105.0 2.2 63 63 25 25 79 37 45 13(39) 76 9 70 19
 69 5 75 26(107) 23 23 65 65 5 68 26 75(252)

 HA=175.5 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 6.9 7.0

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 180.1 ft Length of jib = 82.0 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.											
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)										
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D							
59.1	12.8	62	62	31	31	76	42	47	21(38)	73	18	68	26	67	15	72	32(108)	29	29	63	63	15	66	32	72(251)
65.6	10.4	62	62	29	29	76	42	45	20(36)	74	16	68	24	67	12	73	31(109)	28	28	63	63	12	66	32	73(250)
72.2	8.4	62	62	28	28	77	41	45	18(37)	75	15	69	23	67	10	73	31(110)	27	27	64	64	10	66	31	74(249)
78.7	6.6	62	62	27	27	78	39	46	17(38)	75	13	69	22	69	9	73	28(106)	26	26	64	64	9	68	28	73(253)
85.3	4.9	62	62	27	27	77	39	45	16(38)	75	12	69	22	68	9	73	28(106)	25	25	64	64	8	68	28	73(253)
91.9	3.5	62	62	26	26	78	38	45	15(38)	75	11	69	21	69	7	73	27(106)	24	24	64	64	7	68	27	74(253)
98.4	2.4	62	62	25	25	79	37	45	14(39)	76	10	70	20	69	6	74	26(107)	23	23	64	64	6	68	27	75(252)

 HA=180.1 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 6.9 6.9

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 191.9 ft Length of jib = 82.0 ft
 Main boom sequence = 0-100-100-100-100-100 % LK = 74
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.											
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)										
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D							
59.1	10.6	60	60	32	32	71	44	45	24(34)	69	21	65	28	65	18	68	32(105)	31	31	61	61	18	64	33	68(254)
65.6	9.7	62	62	30	30	75	41	46	20(38)	73	17	68	25	66	13	72	32(109)	28	28	63	63	13	65	32	72(250)
72.2	7.7	62	62	28	28	75	41	45	19(36)	73	15	68	24	66	11	73	30(109)	27	27	63	63	11	66	31	73(250)
78.7	6.0	62	62	28	28	76	40	45	17(37)	74	14	68	23	66	9	73	30(110)	26	26	63	63	9	65	30	73(249)
85.3	4.4	62	62	27	27	77	39	45	16(37)	74	13	69	22	68	9	73	27(105)	25	25	63	63	9	68	28	73(254)

91.9 3.1 62 62 26 26 77 38 45 15(38) 75 11 69 21
68 7 73 27(106) 24 24 63 63 7 68 27 73(253)

HA=191.9 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.8 6.8

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 193.9 ft Length of jib = 82.0 ft
Main boom sequence = 45-90-90-90-90-90 % LK = 76
Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)				3(90)				
4(...)				5(180)				6(...)					
A	B	C	D	A	B	C	D	A	B	C	D		
59.1	10.8	61	61	31	31	74	42	46	22(37)	71	19	67	26
		66	15	70	32(107)	30	30	62	62	15	65	32	70(252)
65.6	8.4	61	61	30	30	74	41	46	20(38)	72	17	67	25
		65	13	71	31(108)	28	28	62	62	13	65	32	71(251)
72.2	6.4	61	61	29	29	74	41	45	19(36)	72	15	67	24
		65	11	72	31(109)	27	27	62	62	11	65	31	72(250)
78.7	4.6	61	61	28	28	75	40	44	18(36)	73	14	67	23
		65	10	72	30(109)	26	26	63	63	10	65	30	72(250)
85.3	3.3	61	61	27	27	76	39	44	17(37)	74	13	68	22
		68	9	72	27(105)	25	25	63	63	9	67	28	72(254)

HA=193.9 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.0 6.3 6.7 6.7

HA=193.9 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=193.9 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=193.9 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

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Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137612_tab.txt

H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer KS

Outrigger width	=	18.7 ft	Outrigger length	=	27.7 ft
Outrigger "A"	X =	12.0 ft	Outrigger "A"	Y =	9.4 ft
Outrigger "B"	X =	12.0 ft	Outrigger "B"	Y =	-9.4 ft
Outrigger "C"	X =	-15.7 ft	Outrigger "C"	Y =	9.4 ft
Outrigger "D"	X =	-15.7 ft	Outrigger "D"	Y =	-9.4 ft

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 40.7 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-0 % LK = 1
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
39.4	17.2	48	48	47	47	49	46	48	46(59)	48	45	49	47	
		48	45	49	47(127)	46	46	49	49	45	48	47	49(232)	
45.9	15.4	49	49	45	45	52	44	49	43(59)	51	41	51	44	
		49	41	52	46(128)	43	43	50	50	41	49	46	52(232)	
52.5	14.3	51	51	42	42	56	41	50	39(59)	55	37	54	41	
		50	36	56	45(128)	41	41	52	52	36	50	45	56(232)	
59.1	13.0	53	53	40	40	53	52	40	39(2)	58	34	56	38	
		58	34	56	38(90)	39	39	54	54	34	58	38	56(270)	
65.6	12.1	54	54	38	38	59	49	42	35(18)	61	30	58	35	
		60	30	58	35(91)	36	36	56	56	30	60	35	59(268)	
72.2	11.2	56	56	36	36	63	47	43	31(26)	63	27	60	33	
		62	26	62	34(98)	34	34	57	57	26	62	34	62(261)	
78.7	10.4	57	57	34	34	66	45	44	27(31)	66	24	62	30	
		63	22	65	33(102)	32	32	59	59	22	63	34	65(257)	
85.3	9.9	59	59	32	32	71	43	45	24(35)	69	20	65	28	
		64	17	68	32(106)	30	30	61	61	17	64	33	68(253)	
91.9	9.3	61	61	30	30	74	41	46	20(38)	72	17	67	25	
		66	13	71	31(108)	28	28	62	62	13	65	32	71(251)	
98.4	8.8	63	63	28	28	78	41	45	17(37)	75	14	69	22	
		69	10	73	28(105)	26	26	64	64	10	69	28	73(254)	
105.0	8.4	65	65	26	26	81	39	47	14(39)	78	10	72	20	
		71	6	77	27(107)	24	24	66	66	6	70	28	77(252)	

HA= 40.7 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 54.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
39.4	17.2	48	48	47	47	49	46	48	46(59)	48	45	49	47	
		48	45	49	47(127)	46	46	49	49	45	48	47	49(232)	
45.9	15.9	50	50	44	44	53	43	49	42(59)	52	41	52	43	
		49	40	53	46(128)	43	43	51	51	40	49	46	53(232)	
52.5	14.6	52	52	42	42	57	41	50	39(59)	55	37	54	40	
		55	37	54	40(90)	41	41	53	53	37	55	40	54(270)	
59.1	13.7	54	54	39	39	56	51	41	38(9)	59	33	57	37	
		59	33	57	37(90)	38	38	55	55	33	59	37	57(270)	
65.6	12.6	55	55	37	37	60	49	42	34(20)	62	30	59	35	
		61	29	60	35(93)	36	36	56	56	29	61	35	60(266)	
72.2	11.7	57	57	35	35	64	46	43	30(28)	64	26	61	32	
		62	25	63	34(99)	34	34	58	58	24	62	34	63(260)	

78.7	11.0	58	58	33	33	69	44	45	26(33)	67	23	63	29
		64	20	66	33(104)	32	32	60	60	20	63	34	66(255)
85.3	10.4	60	60	31	31	72	42	45	23(36)	70	19	66	27
		65	16	69	32(107)	30	30	62	62	16	64	33	69(252)
91.9	9.7	62	62	29	29	75	41	46	20(38)	73	17	68	25
		66	13	72	31(109)	28	28	63	63	12	65	32	72(250)
98.4	9.0	63	63	28	28	78	41	45	17(37)	75	14	69	22
		70	10	73	28(105)	26	26	64	64	10	69	28	74(254)
105.0	8.6	65	65	26	26	81	39	47	14(39)	78	11	72	20
		71	6	77	27(107)	24	24	66	66	6	71	28	77(252)
111.5	7.7	65	65	25	25	83	37	47	12(40)	80	9	73	19
		71	4	78	27(108)	23	23	67	67	4	71	27	78(251)
118.1	6.6	65	65	24	24	83	37	47	12(40)	80	8	73	18
		71	3	78	26(108)	22	22	67	67	3	71	27	78(251)

HA= 54.5 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.3 7.3

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 68.6 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-0-90 % LK = 13

Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
45.9	15.7	50	50	44	44	53	44	49	43(59)	52	41	52	43
		49	40	52	46(128)	43	43	51	51	40	49	46	52(232)
52.5	14.6	52	52	42	42	57	41	50	39(59)	55	37	54	40
		55	37	54	40(90)	41	41	53	53	37	55	40	54(270)
59.1	13.4	53	53	39	39	55	52	41	38(7)	58	33	56	37
		58	33	56	37(90)	38	38	54	54	33	58	37	56(270)
65.6	12.3	55	55	37	37	59	49	42	34(19)	61	30	59	35
		61	30	59	35(92)	36	36	56	56	30	61	35	59(267)
72.2	11.0	56	56	36	36	62	47	43	31(25)	63	28	60	33
		62	26	61	34(96)	35	35	57	57	26	61	34	61(263)
78.7	10.1	57	57	34	34	65	46	43	28(29)	65	25	62	31
		62	23	64	34(101)	33	33	58	58	23	62	34	64(258)
85.3	9.5	58	58	32	32	69	44	44	25(33)	68	22	64	29
		64	19	67	32(104)	31	31	60	60	19	63	33	67(255)
91.9	8.6	59	59	31	31	71	42	45	23(35)	69	19	65	27
		64	16	68	32(106)	30	30	61	61	16	64	32	69(253)
98.4	7.9	61	61	30	30	74	40	46	20(38)	72	17	67	25
		65	13	71	31(108)	28	28	62	62	13	65	31	71(251)
105.0	7.5	62	62	28	28	77	40	45	18(37)	74	14	69	23
		66	10	73	30(110)	26	26	64	64	9	66	31	74(249)
111.5	7.1	63	63	26	26	80	39	46	15(39)	77	11	71	21
		70	7	75	27(107)	24	24	65	65	7	69	28	75(252)
118.1	6.4	64	64	25	25	81	38	46	13(39)	78	9	72	19
		71	5	77	26(107)	23	23	66	66	5	70	27	77(252)
124.7	6.0	65	65	24	24	84	37	47	11(40)	80	7	73	17
		72	2	79	26(108)	22	22	67	67	2	71	26	79(251)
131.2	5.1	65	65	23	23	84	36	47	10(41)	80	6	73	17
		71	1	79	26(109)	21	21	67	67	1	71	26	79(250)

 HA= 68.6 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.6 7.4 7.4

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-100 % LK = 14
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D	
45.9	14.8	49	49	45	45	51	44	49	43	59	50	42	50	44
		48	42	51	46	44	44	50	50		42	48	46	51
52.5	13.2	50	50	43	43	54	42	49	40	59	53	39	52	42
		49	38	54	45	42	42	51	51		38	49	45	54
59.1	11.9	51	51	41	41	57	40	50	37	59	55	36	54	39
		55	36	54	39	40	40	52	52		36	55	39	54
65.6	10.8	52	52	39	39	54	51	40	38	6	58	33	56	37
		58	33	56	37	38	38	54	54		33	58	37	56
72.2	9.7	54	54	37	37	57	49	41	35	16	60	30	57	35
		60	30	57	35	36	36	55	55		30	60	35	57
78.7	8.8	55	55	36	36	61	47	42	32	23	62	28	59	33
		61	27	60	34	34	34	56	56		26	60	34	60
85.3	8.2	56	56	34	34	64	45	43	28	28	64	25	61	31
		62	23	63	33	33	33	58	58		23	61	33	63
91.9	7.5	57	57	33	33	67	44	43	26	32	66	22	62	29
		63	20	65	32	31	31	59	59		20	62	33	65
98.4	6.8	58	58	31	31	69	42	44	23	34	68	20	64	27
		63	17	67	32	30	30	60	60		17	63	32	67
105.0	6.4	60	60	30	30	73	41	45	21	37	70	17	66	25
		64	14	70	31	28	28	61	61		13	64	32	70
111.5	6.0	61	61	28	28	75	41	44	19	36	73	15	67	23
		65	11	72	30	26	26	63	63		11	65	30	72
118.1	5.5	62	62	27	27	77	39	45	16	38	75	12	69	21
		68	8	73	28	25	25	64	64		8	68	28	73
124.7	5.1	63	63	25	25	80	38	46	14	39	77	10	71	20
		69	6	75	27	24	24	65	65		6	69	27	75
131.2	4.9	65	65	24	24	83	37	46	11	40	80	7	73	17
		71	2	78	26	22	22	67	67		2	71	26	78
137.8	4.4	66	66	22	22	85	35	47	9	41	81	5	74	16
		72	0	80	24	21	21	68	68		0	71	25	81

 HA= 70.2 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.6 7.5 7.5

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D	

45.9	15.7	50	50	44	44	53	43	49	42(59)	52	41	52	43
		49	40	53	46(128)	43	43	51	51	40	49	46	53(232)
52.5	14.8	52	52	41	41	58	41	51	38(59)	56	36	55	40
		56	36	55	40(90)	40	40	53	53	36	56	40	55(270)
59.1	13.7	54	54	39	39	56	51	41	37(11)	59	32	57	37
		59	32	57	37(90)	38	38	55	55	32	59	37	57(270)
65.6	12.8	56	56	37	37	62	48	43	32(23)	63	29	60	34
		62	28	61	35(95)	35	35	57	57	28	62	35	61(264)
72.2	11.7	57	57	35	35	65	46	44	29(29)	65	26	62	32
		63	24	63	34(100)	34	34	58	58	24	62	34	64(259)
78.7	10.8	58	58	33	33	69	44	45	26(33)	68	22	64	29
		64	20	66	33(104)	32	32	60	60	20	63	33	67(255)
85.3	9.9	60	60	31	31	71	43	45	23(35)	70	20	65	27
		65	17	69	32(106)	30	30	61	61	17	64	32	69(253)
91.9	9.3	61	61	30	30	75	41	46	20(38)	72	17	67	25
		66	13	71	31(108)	28	28	63	63	13	65	32	71(251)
98.4	8.6	62	62	28	28	77	41	45	18(37)	75	14	69	23
		67	10	74	30(110)	26	26	64	64	10	66	31	74(249)
105.0	7.9	63	63	26	26	80	39	46	15(38)	77	12	71	21
		70	8	75	27(106)	25	25	65	65	7	70	28	75(253)
111.5	7.5	65	65	25	25	83	37	47	12(40)	79	9	73	19
		71	4	78	27(108)	23	23	67	67	4	71	27	78(251)
118.1	6.6	65	65	24	24	84	37	47	11(40)	80	8	73	18
		72	3	78	26(108)	22	22	67	67	3	71	26	79(251)
124.7	5.7	65	65	23	23	84	36	47	10(41)	80	7	73	17
		71	2	79	26(109)	22	22	67	67	2	71	26	79(250)
131.2	4.9	65	65	23	23	84	36	47	10(41)	80	6	73	17
		71	1	79	26(109)	21	21	67	67	1	71	26	79(250)
137.8	4.2	66	66	22	22	85	35	47	9(41)	81	5	74	16
		72	0	80	25(109)	21	21	68	68	0	71	25	80(250)
144.4	3.3	65	65	22	22	85	35	47	9(41)	81	5	74	16
		71	0	80	24(109)	20	20	67	67	0	70	25	80(250)

 HA= 82.3 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.6 7.4 7.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 84.0 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-45-100 % LK = 21

Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	15.0	49	49	45	45	52	44	49	43(59)	51	42	51	44
		48	41	52	46(128)	43	43	50	50	41	48	46	52(232)
52.5	13.4	50	50	42	42	55	42	50	39(59)	54	38	53	41
		49	37	55	45(128)	41	41	52	52	37	49	45	55(232)
59.1	12.3	52	52	40	40	58	39	51	36(59)	57	34	55	38
		57	34	55	38(90)	39	39	53	53	34	57	38	55(270)
65.6	11.2	54	54	38	38	56	50	41	36(13)	59	31	57	36
		59	31	57	36(90)	37	37	55	55	31	59	36	57(270)
72.2	10.4	55	55	36	36	61	48	42	32(23)	62	28	59	34
		61	27	60	34(95)	35	35	56	56	27	61	35	60(264)

78.7	9.3	56	56	35	35	63	46	43	30(27)	63	26	60	32
		62	24	62	34(99)	34	34	57	57	24	61	34	62(260)
85.3	8.6	57	57	33	33	67	44	43	26(31)	66	23	62	30
		63	21	65	33(103)	32	32	59	59	21	62	33	65(256)
91.9	7.9	59	59	32	32	70	43	44	24(34)	68	20	64	28
		64	17	67	32(105)	30	30	60	60	17	63	32	67(254)
98.4	7.5	60	60	30	30	73	41	45	21(37)	71	17	66	25
		65	14	70	31(108)	28	28	62	62	13	64	32	70(251)
105.0	6.8	61	61	28	28	75	41	45	19(36)	73	15	68	24
		66	11	72	30(109)	27	27	63	63	11	65	31	72(250)
111.5	6.4	63	63	27	27	78	39	45	16(38)	75	12	69	22
		69	8	74	28(106)	25	25	64	64	8	68	28	74(253)
118.1	6.0	64	64	25	25	81	38	46	13(39)	77	10	71	20
		70	6	76	27(107)	24	24	65	65	5	70	27	76(252)
124.7	5.5	65	65	24	24	83	37	47	11(40)	80	8	73	18
		71	3	78	26(108)	22	22	67	67	3	71	26	78(251)
131.2	4.9	65	65	23	23	84	36	47	10(41)	80	6	73	17
		71	1	79	26(109)	21	21	67	67	1	71	26	79(250)
137.8	4.2	66	66	22	22	85	35	47	9(41)	81	5	74	16
		72	0	80	25(109)	21	21	68	68	0	71	25	80(250)
144.4	3.3	65	65	22	22	85	35	47	9(41)	81	5	74	16
		71	0	80	25(109)	21	21	67	67	0	70	25	80(250)
150.9	2.6	65	65	22	22	85	35	47	8(41)	81	4	74	15
		71	0	81	23(109)	20	20	67	67	0	70	24	81(250)

 HA= 84.0 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.6 7.5 7.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 96.5 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-90-90 % LK = 28

Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
52.5	14.6	52	52	41	41	58	41	51	38(59)	56	36	55	40
		56	36	55	40(90)	40	40	53	53	36	56	40	55(270)
59.1	13.7	54	54	39	39	57	51	42	36(14)	60	32	58	36
		60	32	58	36(90)	38	38	55	55	32	60	36	58(270)
65.6	12.8	56	56	36	36	62	48	43	32(24)	63	28	60	34
		62	27	61	35(96)	35	35	57	57	27	62	35	62(263)
72.2	11.9	58	58	34	34	67	46	44	28(30)	66	25	63	31
		63	22	65	34(102)	33	33	59	59	22	63	34	65(257)
78.7	11.0	59	59	32	32	70	44	45	25(34)	69	21	65	28
		64	19	68	33(105)	31	31	61	61	19	64	33	68(254)
85.3	10.1	61	61	31	31	73	42	46	22(37)	71	19	66	26
		65	15	70	32(107)	29	29	62	62	15	65	32	70(252)
91.9	9.5	62	62	29	29	76	42	45	19(36)	74	16	68	24
		67	11	73	31(109)	27	27	63	63	11	66	31	73(250)
98.4	9.0	64	64	27	27	80	40	46	16(38)	77	12	71	21
		70	8	75	28(106)	25	25	65	65	8	70	28	75(253)
105.0	8.4	65	65	25	25	83	38	47	13(40)	79	10	72	19
		71	5	77	27(108)	24	24	67	67	5	71	28	78(251)

111.5	7.3	65	65	25	25	83	37	47	12(40)	79	9	73	19
		71	4	78	26(108)	23	23	67	67	4	71	27	78(251)
118.1	6.4	65	65	24	24	84	37	47	11(40)	80	7	73	18
		72	3	78	26(108)	22	22	67	67	2	71	26	79(251)
124.7	5.5	65	65	23	23	84	36	47	10(41)	80	7	73	17
		71	2	79	26(109)	22	22	67	67	1	71	26	79(250)
131.2	4.6	65	65	23	23	84	36	47	10(41)	81	6	73	17
		71	1	79	25(109)	21	21	67	67	1	71	26	79(250)
137.8	4.0	66	66	22	22	85	35	47	9(41)	81	5	74	16
		71	0	80	24(109)	21	21	68	68	0	71	25	80(250)
144.4	3.1	65	65	22	22	85	35	47	9(41)	81	5	74	16
		71	0	80	24(109)	20	20	67	67	0	70	25	80(250)
150.9	2.4	65	65	22	22	85	35	47	8(41)	81	4	74	15
		71	0	80	24(109)	20	20	67	67	0	70	24	81(250)

HA= 96.5 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.6 7.5 7.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 100.4 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-100-100 % LK = 29

Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B		C		D		
52.5	13.4	51	51	42	42	56	41	50	39(59)	54	38	53	41
		49	36	55	45(128)	41	41	52	52	36	49	45	55(232)
59.1	12.3	52	52	40	40	53	52	40	40(1)	57	34	56	38
		57	34	56	38(90)	39	39	54	54	34	57	38	56(270)
65.6	11.2	54	54	38	38	58	50	41	35(16)	60	31	58	35
		60	31	58	35(90)	37	37	55	55	31	60	35	58(270)
72.2	10.4	55	55	36	36	62	47	42	32(24)	63	28	60	33
		61	26	61	34(96)	35	35	57	57	26	61	34	61(263)
78.7	9.7	57	57	34	34	66	45	43	28(30)	65	24	62	30
		63	22	64	33(101)	33	33	58	58	22	62	33	64(258)
85.3	9.0	59	59	32	32	69	43	45	24(34)	68	21	64	28
		64	18	67	32(105)	31	31	60	60	18	63	33	67(254)
91.9	8.4	60	60	30	30	72	42	45	22(36)	71	18	66	26
		65	15	69	32(107)	29	29	62	62	15	65	32	70(252)
98.4	7.9	62	62	28	28	75	41	45	19(36)	73	15	68	24
		66	11	73	30(109)	27	27	63	63	11	66	31	73(250)
105.0	7.3	63	63	27	27	78	39	46	16(38)	75	13	69	22
		69	9	74	28(106)	26	26	64	64	9	69	28	74(253)
111.5	6.8	64	64	25	25	81	38	46	14(39)	78	10	71	20
		71	6	76	27(107)	24	24	66	66	6	70	27	77(252)
118.1	6.4	65	65	24	24	84	37	47	11(40)	80	7	73	18
		72	2	78	26(108)	22	22	67	67	2	71	26	79(251)
124.7	5.5	66	66	23	23	85	36	47	10(41)	81	7	74	17
		71	1	79	26(109)	22	22	67	67	1	71	26	79(250)
131.2	4.6	65	65	23	23	85	35	47	10(41)	81	6	74	17
		71	1	79	25(109)	21	21	67	67	1	71	26	79(250)
137.8	4.0	66	66	22	22	85	35	47	9(41)	81	5	74	16
		71	0	80	24(109)	20	20	68	68	0	71	25	81(250)

144.4 3.1 65 65 22 22 85 35 47 9(41) 81 5 74 16
 71 0 80 24(109) 20 20 67 67 0 70 25 80(250)
 150.9 2.4 65 65 22 22 85 35 47 8(41) 81 4 74 15
 71 0 80 24(109) 20 20 67 67 0 70 24 81(250)

HA=100.4 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.6 7.5 7.5

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		A	B	C	D	A	B	C	D	A	B	C	D	
59.1	13.7	55	55	38	38	59	50	42	35(17)	61	31	58	36	
		61	31	58	36(90)	37	37	56	56	31	61	36	59(269)	
65.6	12.8	57	57	36	36	64	47	43	31(27)	64	27	61	33	
		63	26	62	34(98)	35	35	58	58	26	62	35	63(261)	
72.2	12.1	59	59	33	33	69	45	45	26(33)	68	23	64	30	
		64	21	67	33(104)	32	32	60	60	20	64	34	67(255)	
78.7	11.5	61	61	31	31	73	43	46	22(36)	71	19	66	27	
		66	16	70	32(107)	30	30	62	62	16	65	32	70(252)	
85.3	10.6	62	62	29	29	76	42	45	20(36)	74	16	68	24	
		67	12	73	31(109)	28	28	63	63	12	66	32	73(250)	
91.9	9.9	64	64	27	27	79	40	46	16(38)	77	13	71	22	
		70	9	75	28(106)	26	26	65	65	9	70	29	75(253)	
98.4	9.3	65	65	26	26	83	38	47	13(40)	79	10	73	20	
		71	5	78	27(108)	24	24	67	67	5	71	28	78(251)	
105.0	7.9	65	65	25	25	83	38	47	13(40)	79	9	73	19	
		71	4	78	27(108)	23	23	67	67	4	71	27	78(251)	
111.5	6.8	65	65	24	24	83	37	47	12(40)	80	8	73	18	
		71	4	78	26(108)	23	23	67	67	3	71	27	78(251)	
118.1	6.0	66	66	24	24	84	37	47	11(40)	80	7	73	17	
		72	2	79	26(108)	22	22	67	67	2	71	26	79(251)	
124.7	5.1	66	66	23	23	85	36	47	10(41)	81	6	74	17	
		72	1	79	26(109)	21	21	67	67	1	71	26	80(250)	
131.2	4.2	66	66	22	22	85	35	47	9(41)	81	6	74	16	
		72	0	80	25(109)	21	21	67	67	0	71	26	80(250)	
137.8	3.3	65	65	22	22	85	35	47	9(41)	81	5	74	16	
		71	0	79	25(109)	21	21	67	67	0	71	25	80(250)	
144.4	2.6	65	65	22	22	85	35	47	8(41)	81	4	74	15	
		71	0	80	24(109)	20	20	67	67	0	70	24	81(250)	

HA=110.2 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.6 7.5 7.5

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 114.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		A	B	C	D	A	B	C	D	A	B	C	D	

	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
59.1	12.6	53	53	39	39	55	51	41	38	(9)	59	33	57	37
	59	33	57	37	(90)	38	38	54	54	33	59	37	57	(270)
65.6	11.5	55	55	37	37	60	49	42	33	(21)	61	29	59	34
	61	29	59	35	(93)	36	36	56	56	29	61	35	60	(266)
72.2	10.6	56	56	35	35	64	46	43	30	(28)	64	26	61	32
	62	24	63	34	(99)	34	34	58	58	24	62	34	63	(260)
78.7	9.9	58	58	33	33	68	44	44	26	(33)	67	22	63	29
	63	20	66	33	(104)	32	32	60	60	20	63	33	66	(255)
85.3	9.3	60	60	31	31	72	42	45	22	(36)	70	19	65	27
	65	16	69	32	(107)	30	30	61	61	16	64	32	69	(252)
91.9	8.6	61	61	29	29	75	41	45	20	(36)	73	16	67	24
	66	12	72	31	(109)	28	28	63	63	12	65	32	72	(250)
98.4	8.2	63	63	27	27	78	40	46	16	(38)	76	13	70	22
	69	9	74	28	(106)	26	26	65	65	9	69	28	74	(253)
105.0	7.7	65	65	25	25	82	39	46	13	(39)	79	10	72	20
	71	5	77	27	(107)	24	24	66	66	5	71	27	77	(252)
111.5	6.8	65	65	24	24	83	37	47	12	(40)	80	8	73	18
	71	3	78	26	(108)	23	23	67	67	3	71	27	78	(251)
118.1	6.0	66	66	24	24	84	37	47	11	(40)	80	7	73	17
	72	2	79	26	(108)	22	22	67	67	2	71	26	79	(251)
124.7	5.1	66	66	23	23	85	36	47	10	(41)	81	6	74	17
	72	1	79	25	(109)	21	21	67	67	1	71	26	80	(250)
131.2	4.2	66	66	22	22	85	35	47	9	(41)	81	6	74	16
	72	0	80	25	(109)	21	21	67	67	0	71	26	80	(250)
137.8	3.3	65	65	22	22	85	35	47	9	(41)	81	5	74	16
	71	0	79	25	(109)	21	21	67	67	0	71	25	80	(250)
144.4	2.6	65	65	22	22	85	35	47	8	(41)	81	4	74	15
	71	0	81	24	(109)	20	20	67	67	0	70	24	81	(250)

HA=114.5 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.6 7.5 7.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 124.3 ft Length of jib = 82.0 ft
Main boom sequence = 0-0-0-90-90-90 % LK = 45
Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		4(...)						
		4(...)		5(180)		6(...)								
		A	B	C	D	A	B	C	D					
59.1	13.4	55	55	38	38	59	50	42	35	(18)	61	31	59	35
	61	30	59	35	(91)	37	37	56	56	30	61	36	59	(268)
65.6	12.8	57	57	35	35	65	47	44	30	(28)	65	26	62	32
	63	24	63	34	(100)	34	34	58	58	24	63	35	64	(259)
72.2	12.1	60	60	33	33	70	44	45	25	(34)	69	22	65	29
	65	19	68	33	(105)	32	32	61	61	19	64	33	68	(254)
78.7	11.5	62	62	30	30	75	42	46	21	(37)	73	18	67	26
	66	15	71	32	(108)	29	29	63	63	14	66	32	71	(251)
85.3	10.8	63	63	28	28	78	41	46	18	(37)	76	15	70	23
	68	10	75	31	(110)	27	27	65	65	10	67	31	75	(249)
91.9	10.1	65	65	26	26	82	39	47	14	(39)	79	11	72	21
	71	7	77	28	(107)	25	25	66	66	7	71	28	77	(252)

98.4	8.8	65	65	25	25	83	38	47	13(40)	79	10	73	19
		71	5	78	27(108)	24	24	67	67	5	71	28	78(251)
105.0	7.7	66	66	24	24	84	37	47	12(40)	80	8	73	18
		72	4	78	26(108)	23	23	67	67	3	71	27	79(251)
111.5	6.6	66	66	24	24	84	37	47	11(40)	81	7	73	18
		72	2	79	26(108)	22	22	67	67	2	71	26	79(251)
118.1	5.5	66	66	23	23	84	36	47	10(41)	80	7	73	17
		71	2	79	26(109)	22	22	67	67	1	71	26	79(250)
124.7	4.6	66	66	23	23	85	35	47	9(41)	81	6	74	17
		72	0	79	25(109)	21	21	67	67	0	71	26	80(250)
131.2	3.7	66	66	22	22	85	35	47	9(41)	81	5	74	16
		71	0	80	25(109)	21	21	67	67	0	71	25	80(250)
137.8	2.9	65	65	22	22	85	35	47	9(41)	81	5	74	16
		71	0	80	24(109)	20	20	67	67	0	70	25	80(250)

 HA=124.3 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.6 7.4 7.4

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 130.9 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D		A	B	C
65.6	11.5	56	56	36	36	61	48	42	32(23)	62	28	60	34
		62	28	60	35(95)	35	35	57	57	27	61	35	61(264)
72.2	10.8	58	58	34	34	66	45	44	28(30)	66	24	62	31
		63	22	65	34(102)	33	33	59	59	22	63	34	65(257)
78.7	10.1	59	59	32	32	71	43	45	24(35)	69	21	65	28
		64	18	68	33(106)	30	30	61	61	18	64	33	68(253)
85.3	9.5	61	61	30	30	75	41	46	21(38)	72	17	67	25
		66	14	71	31(108)	28	28	63	63	13	65	32	71(251)
91.9	8.8	63	63	28	28	77	41	46	18(37)	75	14	69	23
		67	10	74	30(110)	26	26	64	64	10	67	31	74(249)
98.4	8.4	65	65	26	26	81	39	47	14(39)	78	11	72	20
		71	6	77	27(107)	24	24	66	66	6	70	28	77(252)
105.0	7.5	65	65	25	25	83	37	47	12(40)	80	9	73	19
		71	4	78	26(108)	23	23	67	67	4	71	27	78(251)
111.5	6.4	65	65	24	24	84	37	47	11(40)	80	8	73	18
		72	3	78	26(108)	22	22	67	67	3	71	26	79(251)
118.1	5.5	66	66	23	23	85	36	47	10(41)	81	6	74	17
		72	1	79	26(109)	21	21	67	67	1	71	26	80(250)
124.7	4.6	66	66	22	22	85	35	47	9(41)	81	6	74	16
		72	0	80	25(109)	21	21	68	68	0	71	26	80(250)
131.2	3.5	65	65	23	23	84	35	47	9(41)	80	6	73	16
		71	0	79	25(109)	21	21	67	67	0	71	26	79(250)
137.8	2.9	66	66	22	22	85	35	47	8(41)	81	5	74	16
		71	0	80	24(109)	20	20	67	67	0	70	24	81(250)

 HA=130.9 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.6 7.5 7.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 138.1 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.					
		1(0)				2(...)				3(90)									
		4(...)				5(180)				6(...)									
A	B	C	D	A	B	C	D	A	B	C	D								
65.6	12.6	58	58	35	35	66	46	44	28	(30)	66	25	62	31					
		63	23	64	34	(101)	34	34	59	59	23	63	34	65	(258)				
72.2	12.1	60	60	32	32	72	43	45	24	(35)	71	21	66	28					
		65	17	69	33	(106)	31	31	62	62	17	65	33	69	(253)				
78.7	11.5	63	63	29	29	76	42	46	20	(36)	74	17	69	25					
		67	12	73	31	(109)	28	28	64	64	12	67	32	73	(250)				
85.3	10.8	65	65	27	27	80	40	47	16	(38)	78	13	71	22					
		71	9	76	28	(106)	26	26	66	66	8	71	28	76	(253)				
91.9	9.7	65	65	26	26	83	38	47	13	(40)	80	10	73	20					
		71	6	78	28	(108)	24	24	67	67	5	71	28	78	(251)				
98.4	8.2	65	65	25	25	83	38	47	13	(40)	79	9	73	19					
		71	5	78	27	(108)	24	24	67	67	4	71	27	78	(251)				
105.0	6.8	65	65	24	24	83	37	47	12	(40)	80	9	73	19					
		71	4	78	26	(108)	23	23	67	67	4	71	27	78	(251)				
111.5	5.7	65	65	24	24	84	37	47	11	(40)	80	7	73	18					
		71	3	78	26	(108)	22	22	67	67	2	71	26	78	(251)				
118.1	4.6	65	65	23	23	83	37	46	11	(40)	80	7	73	17					
		71	2	78	25	(108)	22	22	67	67	2	71	26	78	(251)				
124.7	3.7	65	65	23	23	84	35	47	10	(41)	80	6	73	17					
		71	1	79	25	(109)	21	21	67	67	1	71	26	79	(250)				
131.2	2.9	65	65	22	22	84	35	47	9	(41)	80	6	73	16					
		71	0	79	25	(109)	21	21	67	67	0	70	26	79	(250)				

HA=138.1 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.6 7.3 7.4

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 145.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.					
		1(0)				2(...)				3(90)									
		4(...)				5(180)				6(...)									
A	B	C	D	A	B	C	D	A	B	C	D								
65.6	11.7	57	57	35	35	64	47	43	30	(27)	64	27	61	32					
		62	25	63	34	(99)	34	34	58	58	25	62	34	63	(260)				
72.2	10.8	58	58	33	33	68	45	44	26	(32)	67	23	63	30					
		63	20	66	33	(104)	32	32	60	60	20	63	34	66	(255)				
78.7	10.1	60	60	31	31	73	42	45	22	(36)	71	19	66	27					
		65	16	70	32	(107)	30	30	62	62	16	65	32	70	(252)				
85.3	9.5	62	62	29	29	76	41	46	19	(37)	74	15	69	24					
		67	11	73	31	(109)	27	27	64	64	11	66	31	73	(250)				
91.9	9.0	64	64	26	26	81	39	47	15	(39)	78	12	71	21					
		71	7	76	28	(107)	25	25	66	66	7	70	28	76	(252)				
98.4	7.9	65	65	25	25	82	38	47	13	(40)	79	10	72	19					
		71	5	77	27	(108)	24	24	66	66	5	70	28	77	(251)				

105.0	6.6	65	65	25	25	82	37	47	12(40)	79	9	72	19
	71	4	77	27(108)		23	23	66	66	4	70	27	78(251)
111.5	5.5	65	65	24	24	83	37	47	11(40)	79	8	73	18
	71	3	78	26(108)		22	22	67	67	3	71	26	78(251)
118.1	4.4	65	65	24	24	83	37	46	11(40)	79	7	73	18
	71	3	78	26(108)		22	22	66	66	2	70	26	78(251)
124.7	3.5	65	65	23	23	83	36	46	10(40)	80	7	73	17
	71	2	78	25(108)		21	21	67	67	2	71	26	78(251)
131.2	2.6	65	65	23	23	83	36	46	10(40)	80	6	73	17
	71	1	78	25(108)		21	21	67	67	1	71	25	78(251)

HA=145.0 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.3 7.3

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 152.2 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-90-90-90-90 % LK = 62

Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
72.2	11.9	61	61	31	31	73	43	46	23(36)	71	20	67	27
		66	16	70	32(107)	30	30	62	62	16	65	33	70(252)
78.7	11.2	63	63	29	29	78	41	46	19(37)	75	15	69	24
		67	11	74	31(110)	28	28	64	64	11	67	32	74(249)
85.3	10.1	64	64	27	27	80	40	46	16(38)	78	13	71	22
		71	8	75	28(106)	26	26	66	66	8	70	28	76(253)
91.9	8.6	64	64	26	26	81	39	47	15(39)	78	11	71	21
		71	7	76	28(107)	25	25	66	66	7	70	28	77(252)
98.4	7.1	64	64	26	26	81	38	46	14(39)	78	10	71	20
		71	6	76	27(107)	24	24	66	66	6	70	27	76(252)
105.0	6.0	65	65	25	25	82	37	47	13(40)	79	9	72	19
		71	4	77	27(108)	23	23	66	66	4	70	27	77(251)
111.5	4.6	64	64	24	24	82	37	46	12(40)	78	9	72	19
		70	4	77	26(108)	23	23	66	66	4	70	27	77(251)
118.1	3.7	64	64	24	24	82	36	46	11(40)	79	7	72	18
		71	3	77	26(108)	22	22	66	66	2	70	26	78(251)
124.7	2.9	65	65	23	23	83	36	46	10(40)	79	7	73	17
		71	2	78	25(108)	21	21	66	66	2	70	26	78(251)

HA=152.2 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.2 7.3

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 161.4 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-100-100-100-100 % LK = 63

Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
72.2	10.8	59	59	32	32	70	44	45	24(34)	69	21	65	28
		65	19	68	33(105)	31	31	61	61	18	64	33	68(254)

78.7	10.1	62	62	30	30	75	41	46	21(38)	73	17	67	25
		66	14	71	31(108)	28	28	63	63	13	66	32	72(251)
85.3	9.7	64	64	27	27	79	40	46	17(38)	77	13	71	22
		70	9	75	28(106)	26	26	65	65	9	70	29	75(253)
91.9	8.2	64	64	26	26	80	39	47	15(39)	77	12	71	21
		70	7	75	28(107)	25	25	65	65	7	69	28	76(252)
98.4	6.8	64	64	26	26	81	38	46	14(39)	78	11	71	20
		70	6	76	27(107)	24	24	65	65	6	70	28	76(252)
105.0	5.5	64	64	25	25	81	38	46	13(39)	78	10	71	19
		70	5	76	26(107)	23	23	65	65	5	70	27	76(252)
111.5	4.4	64	64	24	24	81	37	46	13(39)	78	9	71	19
		70	4	76	26(107)	23	23	66	66	4	70	26	77(252)
118.1	3.3	64	64	24	24	81	37	46	12(40)	78	8	71	18
		70	4	77	26(108)	22	22	65	65	4	69	27	77(251)
124.7	2.4	64	64	24	24	82	36	46	11(40)	78	7	72	18
		70	3	77	26(108)	22	22	66	66	3	69	26	77(251)

HA=161.4 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 166.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
72.2	11.7	62	62	30	30	75	41	47	21(38)	73	18	67	26
		66	14	71	32(108)	29	29	63	63	14	66	32	72(251)
78.7	10.6	63	63	28	28	78	41	46	18(37)	76	15	70	23
		67	10	75	31(110)	27	27	65	65	10	67	31	75(249)
85.3	8.8	63	63	27	27	79	40	46	17(38)	76	13	70	22
		70	9	74	28(106)	26	26	65	65	9	69	29	74(253)
91.9	7.3	63	63	26	26	79	39	46	15(38)	77	12	70	21
		70	8	75	27(106)	25	25	65	65	8	69	28	75(253)
98.4	5.7	63	63	26	26	79	39	45	15(38)	76	11	70	21
		70	7	75	27(106)	24	24	65	65	7	69	27	75(253)
105.0	4.6	63	63	25	25	80	38	46	14(39)	77	10	71	20
		70	6	75	26(107)	24	24	65	65	5	69	27	76(252)
111.5	3.5	63	63	25	25	80	37	45	13(39)	77	9	71	19
		70	5	76	26(107)	23	23	65	65	4	69	26	76(252)
118.1	2.4	63	63	24	24	80	37	45	12(39)	77	9	71	19
		70	4	76	26(107)	22	22	65	65	4	69	26	76(252)

HA=166.0 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.0 7.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 175.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)				2(...)				
	3(90)								

	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
78.7	10.1	63	63	29	29	77	41	46	19(37)	75	15	69	24
		67	11	74	31(110)	27	27	64	64	11	66	32	74(249)
85.3	8.4	63	63	28	28	77	41	45	17(37)	75	14	69	23
		67	9	74	30(110)	26	26	64	64	9	67	31	74(249)
91.9	6.8	63	63	27	27	78	39	46	16(38)	75	13	69	22
		69	9	74	28(106)	25	25	64	64	9	69	28	74(253)
98.4	5.5	63	63	26	26	79	39	45	15(38)	76	11	70	21
		69	7	74	27(106)	24	24	65	65	7	69	28	75(253)
105.0	4.2	63	63	26	26	78	39	45	15(38)	76	11	70	20
		69	7	74	27(106)	24	24	64	64	7	69	27	75(253)
111.5	3.1	63	63	25	25	79	37	45	14(39)	76	10	70	20
		69	6	75	26(107)	23	23	65	65	6	68	27	75(252)

HA=175.5 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 6.9 7.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 180.1 ft Length of jib = 82.0 ft

Main boom sequence = 0-90-90-90-90-90 % LK = 73

Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
4(...)				5(180)				6(...)					
A	B	C	D	A	B	C	D	A	B	C	D		
78.7	9.3	62	62	29	29	76	42	45	19(36)	74	16	68	24
		67	12	73	31(109)	27	27	63	63	11	66	31	73(250)
85.3	7.5	62	62	28	28	77	41	45	18(37)	74	14	69	23
		66	10	73	30(110)	26	26	64	64	10	66	31	73(249)
91.9	6.0	62	62	27	27	77	40	45	17(37)	75	13	69	22
		69	9	73	28(105)	26	26	64	64	9	68	28	73(254)
98.4	4.6	62	62	26	26	78	39	45	15(38)	75	12	69	21
		69	8	73	27(106)	25	25	64	64	8	68	28	74(253)
105.0	3.3	62	62	26	26	78	38	45	15(38)	75	11	69	21
		69	7	73	27(106)	24	24	64	64	7	68	27	74(253)
111.5	2.2	62	62	25	25	78	38	45	14(38)	75	10	69	20
		69	6	74	26(106)	23	23	64	64	6	68	27	74(253)

HA=180.1 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.8 6.9

HA=180.1 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

14.10.2003, 15:45:01

Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat
 Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137612_tab.txt

H

DEMAG Mobile Cranes
 O U T R I G G E R - L O A D I N G S
 (Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer KS

```
-----
Outrigger width   = 18.7 ft      Outrigger length = 27.7 ft
Outrigger "A"    X = 12.0 ft      Outrigger "A"    Y =  9.4 ft
Outrigger "B"    X = 12.0 ft      Outrigger "B"    Y = -9.4 ft
Outrigger "C"    X = -15.7 ft     Outrigger "C"    Y =  9.4 ft
Outrigger "D"    X = -15.7 ft     Outrigger "D"    Y = -9.4 ft
-----
```

```
-----
Main boom and fixed jib (jib angle 40.0 degrees)
Length of main boom = 40.7 ft      Length of jib    = 82.0 ft
Main boom sequence = 0-0-0-0-0-0 %      LK = 1
Counterweight      = 39.7 kip
-----
```

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)	5(180)	A	B	C	D						
52.5	13.2	47	47	46	46	49	45	48	45(59)	48	43	49	45
		47	43	49	46(128)	44	44	48	48	43	47	46	49(232)
59.1	12.1	49	49	43	43	52	42	49	41(59)	51	40	51	42
		48	39	52	45(128)	42	42	50	50	39	48	45	52(232)
65.6	11.5	51	51	41	41	56	40	50	37(59)	55	35	54	39
		55	35	54	39(90)	39	39	52	52	35	55	39	54(270)
72.2	10.8	53	53	38	38	55	50	41	37(11)	58	32	57	36
		58	32	57	36(90)	37	37	54	54	32	58	36	57(270)
78.7	10.1	55	55	36	36	61	48	42	32(23)	62	28	59	33
		61	27	60	34(95)	35	35	56	56	27	61	34	60(264)
85.3	9.5	57	57	34	34	65	45	43	28(30)	65	24	62	31
		62	22	63	33(101)	33	33	58	58	22	62	34	64(258)
91.9	9.3	59	59	31	31	71	43	45	23(35)	69	20	65	27
		64	17	68	32(106)	30	30	61	61	17	64	32	68(253)
98.4	8.8	62	62	29	29	75	41	45	19(36)	73	16	68	24
		66	12	72	31(109)	27	27	63	63	12	66	31	72(250)

HA= 40.7 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.0 6.1 6.7 6.7

```
-----
Main boom and fixed jib (jib angle 40.0 degrees)
Length of main boom = 54.5 ft      Length of jib    = 82.0 ft
Main boom sequence = 0-0-0-0-0-45 %      LK = 7
Counterweight      = 39.7 kip
-----
```

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		6(...)		
		4(...)	5(180)	A	B	C	D			
		A	B	C	D	A	B	C	D	

52.5	13.2	47	47	46	46	49	45	48	45(59)	48	43	49	45
		47	43	49	47(128)	45	45	48	48	43	47	47	49(232)
59.1	12.3	49	49	43	43	52	42	49	41(59)	52	39	51	42
		48	39	52	45(128)	42	42	50	50	39	48	45	52(232)
65.6	11.7	51	51	41	41	57	40	50	37(59)	55	35	54	39
		55	35	54	39(90)	39	39	52	52	35	55	39	54(270)
72.2	11.0	53	53	38	38	56	50	41	36(12)	59	32	57	36
		59	32	57	36(90)	37	37	54	54	32	59	36	57(270)
78.7	10.4	55	55	36	36	61	48	42	32(23)	62	28	59	33
		61	27	60	34(95)	35	35	56	56	27	61	34	60(264)
85.3	9.9	57	57	34	34	66	45	43	28(30)	66	24	62	30
		63	22	64	33(102)	32	32	59	59	22	62	34	64(257)
91.9	9.5	59	59	32	32	71	43	45	23(35)	69	20	65	28
		64	17	68	32(106)	30	30	61	61	17	64	33	68(253)
98.4	9.0	61	61	29	29	75	40	46	20(38)	73	17	67	25
		66	13	72	31(109)	28	28	63	63	12	65	32	72(250)
105.0	8.6	63	63	27	27	79	40	46	16(38)	76	13	70	22
		70	9	74	28(106)	26	26	65	65	9	69	28	75(253)

HA= 54.5 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.4 6.9 6.9

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 68.6 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-0-90 % LK = 13

Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
59.1	12.3	49	49	43	43	52	42	49	41(59)	52	39	51	42
		48	39	52	45(128)	42	42	50	50	39	48	45	52(232)
65.6	11.7	51	51	41	41	57	40	50	37(59)	55	35	54	39
		55	35	54	39(90)	39	39	52	52	35	55	39	54(270)
72.2	10.8	53	53	39	39	55	51	40	37(9)	58	32	56	37
		58	32	56	37(90)	37	37	54	54	32	58	37	56(270)
78.7	10.1	54	54	37	37	60	48	42	33(21)	61	29	59	34
		60	28	59	35(94)	35	35	56	56	28	60	35	60(265)
85.3	9.3	56	56	35	35	63	46	43	30(27)	63	26	60	32
		61	24	62	34(99)	34	34	57	57	24	61	34	62(260)
91.9	8.6	57	57	33	33	67	44	43	26(31)	66	23	62	30
		63	21	65	33(103)	32	32	59	59	21	62	33	65(256)
98.4	7.9	59	59	31	31	70	42	45	23(35)	68	20	64	27
		64	17	67	32(105)	30	30	60	60	17	63	32	67(254)
105.0	7.5	60	60	30	30	73	41	45	20(37)	71	17	67	25
		65	13	71	31(108)	28	28	62	62	13	65	31	71(251)
111.5	7.1	62	62	28	28	77	40	45	17(37)	74	14	69	22
		69	10	73	28(105)	26	26	64	64	10	68	28	73(254)
118.1	6.6	64	64	26	26	80	38	46	14(39)	77	11	71	20
		70	6	76	27(107)	24	24	65	65	6	69	28	76(252)

HA= 68.6 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.0 7.0

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 70.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-100 % LK = 14
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.		
		1(0)				2(...)				3(90)						
		A	B	C	D	A	B	C	D	A	B	C	D			
59.1	11.5	48	48	44	44	50	43	48	42	(59)	50	41	50	43		
		47	40	51	46	(128)	43	43	49	49		40	47	46	51	(232)
65.6	10.4	49	49	42	42		53	41	49	39	(59)	52	38	52	41	
		48	37	53	45	(128)	41	41	50	50		37	48	45	53	(232)
72.2	9.5	51	51	40	40		56	39	50	37	(59)	55	35	54	39	
		55	35	54	39	(90)	39	39	52	52		35	55	39	54	(270)
78.7	8.8	52	52	38	38		54	50	40	37	(9)	58	32	56	36	
		58	32	56	36	(90)	37	37	54	54		32	58	36	56	(270)
85.3	7.9	53	53	37	37		58	48	41	34	(18)	60	29	58	34	
		59	29	58	34	(91)	35	35	55	55		29	59	34	58	(268)
91.9	7.5	55	55	35	35		62	46	42	30	(26)	63	26	60	32	
		61	24	61	33	(98)	33	33	57	57		24	61	34	61	(261)
98.4	6.8	56	56	33	33		65	44	43	27	(30)	65	23	62	30	
		62	21	64	33	(102)	32	32	58	58		21	62	33	64	(257)
105.0	6.4	58	58	31	31		69	42	44	24	(34)	67	20	63	27	
		63	17	67	32	(105)	30	30	60	60		17	63	32	67	(254)
111.5	6.0	60	60	30	30		72	40	45	21	(37)	70	17	65	25	
		64	14	69	31	(107)	28	28	61	61		14	64	31	69	(252)
118.1	5.5	61	61	28	28		75	40	44	18	(36)	73	14	67	23	
		65	10	72	30	(109)	26	26	63	63		10	65	30	72	(250)

HA= 70.2 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 6.9 6.0 6.7 6.7

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.		
		1(0)				2(...)				3(90)						
		A	B	C	D	A	B	C	D	A	B	C	D			
65.6	11.9	52	52	40	40		58	40	50	37	(59)	56	35	55	39	
		56	35	55	39	(90)	39	39	53	53		35	56	39	55	(270)
72.2	11.0	53	53	38	38		56	50	41	36	(13)	59	31	57	36	
		59	31	57	36	(90)	37	37	55	55		31	59	36	57	(270)
78.7	10.4	55	55	36	36		61	47	42	32	(24)	62	28	60	33	
		61	27	60	34	(96)	35	35	57	57		27	61	35	61	(263)
85.3	9.7	57	57	34	34		65	45	43	28	(30)	65	24	62	31	
		62	22	64	33	(101)	33	33	58	58		22	62	34	64	(258)
91.9	9.0	58	58	32	32		69	43	45	25	(34)	68	21	64	28	
		63	19	67	32	(105)	31	31	60	60		18	63	33	67	(254)
98.4	8.4	60	60	30	30		72	42	45	22	(36)	70	19	66	26	
		65	15	69	32	(107)	29	29	61	61		15	64	32	69	(252)
105.0	7.9	62	62	28	28		75	41	45	19	(36)	73	15	68	24	
		66	11	73	30	(109)	27	27	63	63		11	66	31	73	(250)

111.5	7.3	63	63	27	27	78	39	46	16(38)	76	13	70	22
		69	9	74	28(106)	25	25	64	64	9	69	28	74(253)
118.1	7.1	65	65	25	25	83	37	47	12(40)	79	9	72	19
		71	4	78	27(108)	23	23	67	67	4	70	27	78(251)
124.7	6.0	65	65	24	24	83	37	47	12(40)	79	8	72	18
		71	4	78	26(108)	22	22	66	66	3	70	27	78(251)
131.2	5.1	65	65	24	24	83	37	46	11(40)	80	7	73	17
		71	2	78	26(108)	22	22	67	67	2	71	26	78(251)

 HA= 82.3 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.3 7.3

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 84.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
65.6	10.6	50	50	42	42	54	41	49	39(59)	53	37	52	40
		49	36	54	45(128)	40	40	51	51	36	49	45	54(232)
72.2	9.7	51	51	40	40	58	39	50	36(59)	56	34	54	38
		56	34	54	38(90)	38	38	53	53	34	56	38	54(270)
78.7	9.0	53	53	38	38	56	49	41	35(14)	59	31	57	35
		59	31	57	35(90)	36	36	54	54	31	59	35	57(270)
85.3	8.4	54	54	36	36	60	47	42	32(23)	61	28	59	33
		60	27	60	34(95)	34	34	56	56	26	60	34	60(264)
91.9	7.7	56	56	34	34	64	45	43	28(28)	64	25	61	31
		62	23	62	33(100)	33	33	57	57	23	61	33	63(259)
98.4	7.3	58	58	32	32	68	43	44	25(33)	67	21	63	28
		63	19	66	32(104)	31	31	59	59	19	62	32	66(255)
105.0	6.8	59	59	30	30	71	41	45	22(36)	69	18	65	26
		64	15	69	31(107)	29	29	61	61	15	63	32	69(252)
111.5	6.4	61	61	29	29	74	41	45	19(36)	72	15	67	24
		65	11	71	30(109)	27	27	62	62	11	65	31	72(250)
118.1	6.0	62	62	27	27	77	39	45	16(38)	75	13	69	22
		69	9	73	28(106)	25	25	64	64	9	68	28	73(253)
124.7	5.7	64	64	25	25	81	38	46	13(39)	78	9	72	19
		71	5	77	26(107)	23	23	66	66	4	70	27	77(252)
131.2	5.3	65	65	23	23	84	36	47	10(41)	80	6	73	17
		71	1	79	26(109)	21	21	67	67	1	71	26	79(250)

 HA= 84.0 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.6 7.4 7.4

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 96.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)							
	4(...)				5(180)				6(...)			
	A	B	C	D	A	B	C	D	A	B	C	D

65.6	11.7	52	52	40	40	58	40	50	37(59)	56	35	55	39
		56	35	55	39(90)	39	39	53	53	35	56	39	55(270)
72.2	11.2	54	54	38	38	58	50	41	35(16)	60	31	58	35
		60	31	58	35(90)	37	37	55	55	31	60	35	58(270)
78.7	10.4	56	56	36	36	62	47	43	31(25)	63	27	60	33
		61	26	61	34(97)	35	35	57	57	26	61	35	61(262)
85.3	9.9	58	58	34	34	67	45	44	27(31)	66	24	63	30
		63	21	65	33(102)	32	32	59	59	21	63	33	65(257)
91.9	9.3	59	59	32	32	71	43	45	24(35)	69	20	65	28
		64	17	68	32(106)	30	30	61	61	17	64	33	68(253)
98.4	8.6	61	61	30	30	74	41	45	21(37)	72	17	67	25
		65	14	71	31(108)	28	28	62	62	14	65	32	71(251)
105.0	8.2	62	62	28	28	77	41	45	18(37)	75	14	69	23
		67	10	74	30(110)	26	26	64	64	9	66	31	74(249)
111.5	7.7	64	64	26	26	81	39	46	14(39)	78	11	71	20
		70	6	76	27(107)	24	24	66	66	6	70	28	76(252)
118.1	7.1	65	65	24	24	83	37	47	12(40)	80	8	73	19
		71	4	78	26(108)	23	23	67	67	4	71	27	78(251)
124.7	6.0	65	65	24	24	83	37	47	11(40)	80	8	73	18
		71	3	78	26(108)	22	22	67	67	3	71	26	78(251)
131.2	5.1	65	65	23	23	84	37	47	11(40)	80	7	73	17
		71	2	78	25(108)	22	22	67	67	2	71	26	78(251)
137.8	4.4	66	66	22	22	85	35	47	9(41)	81	5	74	16
		72	0	80	25(109)	21	21	68	68	0	71	25	80(250)
144.4	3.5	66	66	22	22	85	35	47	9(41)	81	5	74	16
		71	0	80	24(109)	20	20	67	67	0	70	24	81(250)

HA= 96.5 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.6 7.5 7.5

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 100.4 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-100-100 % LK = 29

Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	4(...)		5(180)		6(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
65.6	10.6	50	50	41	41	55	41	49	38(59)	53	37	53	40
		49	35	54	45(128)	40	40	51	51	35	49	45	54(232)
72.2	9.9	52	52	39	39	52	51	39	39(2)	57	33	55	37
		57	33	55	37(90)	38	38	53	53	33	57	37	55(270)
78.7	9.3	54	54	37	37	58	49	41	34(18)	60	30	58	35
		60	30	58	35(90)	36	36	55	55	30	60	35	58(269)
85.3	8.6	55	55	35	35	62	47	42	30(25)	62	26	60	32
		61	25	61	34(97)	34	34	57	57	25	61	34	61(262)
91.9	8.2	57	57	33	33	66	44	43	27(31)	66	23	62	30
		63	21	64	33(102)	32	32	59	59	21	62	33	65(257)
98.4	7.5	58	58	32	32	69	43	44	24(34)	68	20	64	28
		63	17	67	32(105)	30	30	60	60	17	63	32	67(254)
105.0	7.1	60	60	30	30	73	41	45	21(37)	71	17	66	25
		65	14	70	31(108)	28	28	62	62	13	64	32	70(251)
111.5	6.8	62	62	28	28	77	40	45	17(37)	75	13	69	22
		69	10	73	28(105)	26	26	64	64	10	68	28	73(254)

118.1	6.4	63	63	26	26	80	38	46	14(39)	77	11	71	20
	70	6	75	27(107)		24	24	65	65	6	69	28	76(252)
124.7	6.0	65	65	24	24	83	37	47	11(40)	80	8	73	18
	71	3	78	26(108)		22	22	67	67	3	71	26	78(251)
131.2	5.1	65	65	23	23	84	37	47	11(40)	80	7	73	17
	71	2	78	25(108)		22	22	67	67	2	71	26	78(251)
137.8	4.4	66	66	22	22	85	35	47	9(41)	81	6	74	16
	72	0	80	25(109)		21	21	67	67	0	71	26	80(250)
144.4	3.5	66	66	22	22	85	35	47	9(41)	81	5	74	16
	71	0	80	24(109)		20	20	67	67	0	71	25	80(250)

HA=100.4 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.6 7.4 7.5

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 110.2 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-45-90-90 % LK = 36

Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	4(...)		5(180)		6(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
72.2	11.2	54	54	37	37	59	49	42	34(19)	61	30	58	35
	60	30	59	35(92)		36	36	56	56	29	60	35	59(267)
78.7	10.6	56	56	35	35	64	47	43	30(27)	64	26	61	32
	62	24	63	34(99)		34	34	58	58	24	62	34	63(260)
85.3	10.1	59	59	33	33	69	44	44	25(33)	68	22	64	29
	64	19	67	33(104)		31	31	60	60	19	63	33	67(255)
91.9	9.5	60	60	31	31	73	42	45	22(36)	71	19	66	26
	65	15	70	32(107)		29	29	62	62	15	65	32	70(252)
98.4	9.0	62	62	28	28	77	41	46	18(37)	74	15	69	23
	67	11	73	31(110)		27	27	64	64	11	66	31	73(249)
105.0	8.4	64	64	27	27	80	40	46	16(38)	77	12	71	21
	70	8	75	28(106)		25	25	65	65	8	70	28	75(253)
111.5	7.7	65	65	25	25	82	38	47	13(40)	79	9	72	19
	71	5	77	27(108)		24	24	67	67	5	70	27	78(251)
118.1	6.6	65	65	24	24	83	37	47	12(40)	79	8	73	19
	71	4	78	26(108)		23	23	67	67	4	71	27	78(251)
124.7	5.7	65	65	24	24	84	37	47	11(40)	80	7	73	17
	72	2	78	26(108)		22	22	67	67	2	71	26	79(251)
131.2	4.9	66	66	23	23	85	36	47	10(41)	81	6	74	17
	71	1	79	26(109)		21	21	67	67	1	71	26	79(250)
137.8	4.0	66	66	22	22	85	35	47	9(41)	81	6	74	16
	71	0	79	25(109)		21	21	67	67	0	71	26	80(250)
144.4	3.1	65	65	22	22	85	35	47	9(41)	81	5	74	16
	71	0	80	24(109)		20	20	67	67	0	70	25	80(250)
150.9	2.2	65	65	22	22	84	35	47	9(41)	80	5	73	16
	71	0	79	24(109)		20	20	67	67	0	70	25	80(250)

HA=110.2 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.6 7.4 7.4

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 114.5 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-45-100-100 % LK = 37

Counterweight = 39.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		4(...)				5(180)				6(...)					
A	B	C	D	A	B	C	D	A	B	C	D				
72.2	10.1	53	53	39	39	55	50	40	37	(10)	58	32	56	36	
		58	32	56	36	(90)	37	37	54	54	32	58	36	56	(270)
78.7	9.5	54	54	36	36	60	48	42	32	(22)	61	28	59	34	
		60	28	59	34	(94)	35	35	56	56	28	60	35	60	(265)
85.3	8.8	56	56	34	34	64	46	43	29	(28)	64	25	61	31	
		62	23	63	33	(100)	33	33	58	58	23	62	34	63	(259)
91.9	8.4	58	58	32	32	69	43	44	25	(33)	67	21	63	28	
		63	19	66	32	(104)	31	31	60	60	19	63	32	66	(255)
98.4	7.7	60	60	30	30	72	41	45	22	(36)	70	19	65	26	
		64	15	69	32	(107)	29	29	61	61	15	64	32	69	(252)
105.0	7.3	61	61	28	28	75	41	45	19	(36)	73	15	68	24	
		66	11	72	30	(109)	27	27	63	63	11	65	31	72	(250)
111.5	7.1	63	63	26	26	79	39	46	15	(38)	77	11	71	21	
		70	7	75	27	(106)	25	25	65	65	7	69	28	75	(253)
118.1	6.6	65	65	24	24	83	37	47	12	(40)	79	8	73	19	
		71	4	78	26	(108)	23	23	67	67	4	71	27	78	(251)
124.7	5.7	65	65	24	24	84	37	47	11	(40)	80	7	73	17	
		72	2	78	26	(108)	22	22	67	67	2	71	26	79	(251)
131.2	4.9	65	65	23	23	84	36	47	10	(41)	81	6	73	17	
		71	1	79	26	(109)	21	21	67	67	1	71	26	79	(250)
137.8	4.0	65	65	22	22	85	35	47	9	(41)	81	6	74	16	
		71	0	79	25	(109)	21	21	67	67	0	71	26	80	(250)
144.4	3.1	65	65	22	22	85	35	47	9	(41)	81	5	73	16	
		71	0	79	25	(109)	21	21	67	67	0	70	25	80	(250)
150.9	2.2	65	65	22	22	84	35	47	9	(41)	80	5	73	16	
		71	0	79	25	(109)	20	20	67	67	0	70	25	79	(250)

HA=114.5 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.6 7.4 7.4

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 124.3 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-90-90-90 % LK = 45

Counterweight = 39.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		4(...)				5(180)				6(...)					
A	B	C	D	A	B	C	D	A	B	C	D				
72.2	11.0	54	54	37	37	59	49	42	34	(20)	61	30	58	35	
		61	29	59	35	(92)	36	36	56	56	29	60	35	59	(267)
78.7	10.6	57	57	35	35	65	46	43	29	(29)	65	25	62	31	
		63	23	63	34	(100)	33	33	58	58	23	62	34	63	(259)
85.3	10.1	59	59	32	32	70	43	45	24	(34)	69	21	65	28	
		64	18	68	32	(105)	31	31	61	61	18	64	33	68	(254)
91.9	9.5	61	61	30	30	74	41	46	21	(37)	72	18	67	26	
		65	14	71	32	(108)	29	29	62	62	14	65	32	71	(251)
98.4	9.0	63	63	28	28	78	41	46	17	(37)	75	14	69	23	
		70	10	73	28	(105)	26	26	64	64	10	69	29	74	(254)

105.0	8.6	65	65	26	26	82	39	47	14(39)	79	10	72	20
		71	6	77	27(107)	24	24	66	66	6	71	27	77(252)
111.5	7.5	65	65	25	25	83	37	47	12(40)	80	9	73	19
		71	4	78	27(108)	23	23	67	67	4	71	27	78(251)
118.1	6.4	65	65	24	24	83	37	47	11(40)	80	8	73	18
		71	3	78	26(108)	22	22	67	67	3	71	26	78(251)
124.7	5.3	65	65	24	24	83	37	47	11(40)	80	7	73	18
		71	2	78	26(108)	22	22	67	67	2	71	26	78(251)
131.2	4.6	66	66	22	22	85	35	47	9(41)	81	6	74	16
		72	0	80	25(109)	21	21	68	68	0	71	26	80(250)
137.8	3.5	65	65	23	23	84	35	47	9(41)	80	6	73	16
		71	0	79	25(109)	21	21	67	67	0	71	26	79(250)
144.4	2.6	65	65	22	22	84	35	47	9(41)	80	5	73	16
		71	0	79	25(109)	21	21	67	67	0	70	25	79(250)

HA=124.3 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.6 7.4 7.4

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 130.9 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-100-100-100 % LK = 46

Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
78.7	9.5	55	55	36	36	61	47	42	31(24)	62	27	60	33
		61	26	60	34(96)	34	34	56	56	26	61	34	61(263)
85.3	8.8	57	57	34	34	65	45	43	28(30)	65	24	62	30
		62	22	64	33(101)	32	32	58	58	22	62	33	64(258)
91.9	8.4	59	59	32	32	70	42	45	24(35)	69	20	64	28
		64	17	68	32(106)	30	30	60	60	17	63	32	68(253)
98.4	7.9	61	61	29	29	74	40	46	20(38)	72	17	67	25
		65	13	71	31(108)	28	28	62	62	13	65	31	71(251)
105.0	7.5	63	63	27	27	78	40	46	17(38)	75	13	69	22
		69	9	73	28(106)	26	26	64	64	9	68	29	74(253)
111.5	7.1	64	64	25	25	81	38	46	14(39)	78	10	72	20
		71	6	76	27(107)	24	24	66	66	6	70	27	77(252)
118.1	6.4	65	65	24	24	84	37	47	11(40)	80	8	73	18
		72	3	78	26(108)	22	22	67	67	3	71	26	78(251)
124.7	5.3	65	65	24	24	84	37	47	11(40)	80	7	73	17
		71	2	78	26(108)	22	22	67	67	2	71	26	78(251)
131.2	4.4	65	65	23	23	84	36	47	10(41)	80	6	73	17
		71	1	79	26(109)	21	21	67	67	1	71	26	79(250)
137.8	3.5	65	65	22	22	84	35	47	9(41)	81	6	73	16
		71	0	79	25(109)	21	21	67	67	0	71	26	79(250)
144.4	2.6	65	65	22	22	84	35	47	9(41)	80	5	73	16
		71	0	79	25(109)	21	21	67	67	0	70	25	79(250)

HA=130.9 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.6 7.4 7.4

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 138.1 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-45-90-90-90 % LK = 54

Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)				3(90)				4(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	
78.7	10.6	58	58	34	34	67	45	44	27(31)	66	24	63	30				
		63	22	65	33(102)	32	32	59	59	22	63	34	65(257)				
85.3	10.1	60	60	31	31	72	42	45	23(36)	70	20	66	27				
		65	16	69	32(107)	30	30	61	61	16	64	33	69(252)				
91.9	9.7	62	62	29	29	77	41	46	19(37)	74	15	69	24				
		66	11	73	31(110)	27	27	64	64	11	66	32	73(249)				
98.4	9.3	64	64	26	26	81	39	47	15(39)	78	11	71	21				
		71	7	76	28(107)	25	25	66	66	7	70	28	76(252)				
105.0	8.2	65	65	25	25	83	38	47	13(40)	79	10	72	19				
		71	5	77	27(108)	24	24	67	67	5	71	28	78(251)				
111.5	7.1	65	65	24	24	84	37	47	12(40)	80	8	73	18				
		72	3	78	26(108)	23	23	67	67	3	71	27	78(251)				
118.1	6.0	65	65	24	24	84	37	47	11(40)	80	7	73	17				
		72	2	79	26(108)	22	22	67	67	2	71	26	79(251)				
124.7	4.9	65	65	23	23	84	36	47	10(41)	80	6	73	17				
		71	1	79	26(109)	21	21	67	67	1	71	26	79(250)				
131.2	4.0	66	66	22	22	85	35	47	9(41)	81	6	74	16				
		71	0	79	25(109)	21	21	67	67	0	71	26	80(250)				
137.8	3.1	66	66	22	22	85	35	47	9(41)	81	5	74	16				
		71	0	80	24(109)	20	20	67	67	0	70	24	80(250)				

HA=138.1 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.6 7.5 7.5

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 145.0 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-45-100-100-100 % LK = 55

Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)				3(90)				4(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	
78.7	9.5	56	56	35	35	63	46	43	30(27)	63	26	60	32				
		62	25	62	34(98)	34	34	57	57	25	62	34	62(261)				
85.3	8.8	58	58	33	33	67	44	44	26(32)	67	22	63	29				
		63	20	65	33(103)	32	32	59	59	20	63	33	65(256)				
91.9	8.4	60	60	31	31	72	42	45	22(36)	70	19	66	26				
		65	15	69	32(107)	29	29	61	61	15	64	32	69(252)				
98.4	7.9	62	62	28	28	76	41	45	19(37)	74	15	68	23				
		66	11	73	31(110)	27	27	63	63	11	65	31	73(249)				
105.0	7.7	64	64	26	26	81	39	46	14(39)	78	11	71	20				
		71	6	76	27(107)	24	24	66	66	6	70	28	76(252)				
111.5	6.8	65	65	25	25	83	37	47	12(40)	79	9	73	19				
		71	4	78	26(108)	23	23	67	67	4	71	27	78(251)				
118.1	5.7	65	65	24	24	83	37	47	11(40)	80	8	73	18				
		71	3	78	26(108)	22	22	67	67	3	71	26	78(251)				
124.7	4.6	65	65	24	24	83	37	46	11(40)	80	7	73	17				
		71	2	78	26(108)	22	22	67	67	2	71	26	78(251)				

131.2 3.7 65 65 23 23 84 35 47 10(41) 80 6 73 17
 71 1 79 25(109) 21 21 67 67 1 70 26 79(250)
 137.8 2.9 65 65 22 22 84 35 47 9(41) 80 6 73 16
 71 0 79 25(109) 21 21 67 67 0 70 26 79(250)

 HA=145.0 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.6 7.3 7.4

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		6(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
85.3	10.1	61	61	30	30	74	42	46	21(37)	72	18	67	26	
		65	15	71	32(108)	29	29	62	62	15	65	32	71(251)	
91.9	9.7	63	63	28	28	78	41	46	17(37)	76	14	70	23	
		67	10	75	30(110)	26	26	65	65	9	67	31	75(249)	
98.4	8.8	65	65	26	26	81	39	47	15(39)	78	11	72	21	
		71	7	76	28(107)	25	25	66	66	7	70	28	77(252)	
105.0	7.5	65	65	25	25	82	39	46	13(39)	79	10	72	20	
		71	5	77	27(107)	24	24	66	66	5	71	27	77(252)	
111.5	6.2	65	65	25	25	82	37	47	13(40)	79	9	72	19	
		71	4	77	27(108)	23	23	66	66	4	70	27	77(251)	
118.1	5.1	65	65	24	24	82	37	47	12(40)	79	8	72	18	
		71	3	77	26(108)	22	22	66	66	3	70	26	78(251)	
124.7	4.0	64	64	24	24	82	37	46	11(40)	79	7	72	18	
		71	3	77	26(108)	22	22	66	66	2	70	26	78(251)	
131.2	3.1	65	65	23	23	83	36	46	10(40)	79	6	73	17	
		71	2	78	25(108)	21	21	67	67	1	70	26	78(251)	

 HA=152.2 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.2 7.3

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 161.4 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		6(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
85.3	8.8	59	59	32	32	69	43	45	24(34)	68	21	64	28	
		64	18	67	32(105)	31	31	60	60	18	63	33	67(254)	
91.9	8.4	61	61	30	30	74	41	46	20(38)	72	17	67	25	
		65	13	71	31(108)	28	28	62	62	13	65	32	71(251)	
98.4	8.2	63	63	27	27	79	40	46	16(38)	76	13	70	22	
		70	9	75	28(106)	26	26	65	65	8	69	28	75(253)	
105.0	7.1	64	64	26	26	80	39	46	14(39)	77	11	71	20	
		70	6	76	27(107)	24	24	65	65	6	70	28	76(252)	
111.5	6.0	64	64	25	25	81	38	46	13(39)	78	9	72	19	
		71	5	77	26(107)	23	23	66	66	5	70	27	77(252)	

118.1 4.6 64 64 25 25 81 38 46 13(39) 78 9 71 19
 70 5 76 26(107) 23 23 65 65 4 70 27 76(252)
 124.7 3.7 64 64 24 24 82 37 46 11(40) 78 8 72 18
 70 3 77 26(108) 22 22 66 66 3 70 26 77(251)
 131.2 2.6 64 64 24 24 81 36 46 11(40) 78 8 71 18
 70 3 77 26(108) 22 22 66 66 3 69 26 77(251)

 HA=161.4 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.1 7.2

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.															
		1(0)		2(...)		3(90)		6(...)																	
		A	B	C	D	A	B	C	D		A	B	C	D											
85.3	10.1	62	62	30	30	76	41	46	20(38)	73	17	68	25	66	13	72	31(109)	28	28	63	63	13	66	32	73(250)
91.9	9.3	63	63	27	27	79	40	46	17(38)	76	13	70	22	70	9	75	28(106)	26	26	65	65	9	69	29	75(253)
98.4	7.7	63	63	27	27	79	39	46	15(38)	77	12	71	21	70	8	75	27(106)	25	25	65	65	8	70	28	75(253)
105.0	6.2	63	63	26	26	79	39	45	15(38)	76	11	70	21	70	7	75	27(106)	24	24	65	65	7	69	27	75(253)
111.5	5.1	63	63	25	25	80	38	46	14(39)	77	10	71	20	70	6	76	27(107)	24	24	65	65	5	69	27	76(252)
118.1	4.0	64	64	25	25	81	37	46	13(39)	78	9	71	19	70	4	76	26(107)	23	23	65	65	4	69	26	76(252)
124.7	2.9	63	63	24	24	81	37	45	12(39)	77	8	71	19	70	4	76	26(107)	22	22	65	65	4	69	26	76(252)

 HA=166.0 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.0 7.1

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 175.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 39.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.															
		1(0)		2(...)		3(90)		6(...)																	
		A	B	C	D	A	B	C	D		A	B	C	D											
91.9	8.6	62	62	28	28	77	41	45	18(37)	75	15	69	23	67	10	74	31(110)	27	27	64	64	10	66	31	74(249)
98.4	7.3	63	63	27	27	78	40	46	16(38)	75	13	70	22	69	9	74	28(106)	26	26	64	64	9	69	28	74(253)
105.0	6.0	63	63	26	26	79	39	45	15(38)	76	12	70	21	69	8	74	27(106)	25	25	65	65	7	69	28	75(253)
111.5	4.6	63	63	26	26	79	39	45	15(38)	76	11	70	21	69	7	74	27(106)	24	24	64	64	7	69	27	75(253)
118.1	3.5	63	63	25	25	79	38	45	14(39)	76	10	70	20	69	6	75	27(107)	23	23	65	65	6	68	27	75(252)

124.7 2.6 63 63 24 24 80 37 45 13(39) 77 9 71 19
69 4 75 26(107) 23 23 65 65 4 69 26 76(252)

HA=175.5 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.0 7.0

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 180.1 ft Length of jib = 82.0 ft

Main boom sequence = 0-90-90-90-90-90 % LK = 73

Counterweight = 39.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)				3(90)				
	4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D		
91.9	8.2	62	62	28	28	77	41	45	18(37)	75	14	69	23
		67	10	74	30(110)	26	26	64	64	10	66	31	74(249)
98.4	6.6	62	62	27	27	78	39	46	17(38)	75	13	69	22
		69	9	73	28(106)	26	26	64	64	9	68	28	74(253)
105.0	5.3	63	63	26	26	78	39	45	15(38)	75	12	69	21
		69	8	74	27(106)	25	25	64	64	8	69	28	74(253)
111.5	4.0	62	62	26	26	78	39	45	15(38)	75	11	69	21
		69	7	74	27(106)	24	24	64	64	7	68	27	74(253)
118.1	2.9	62	62	25	25	79	37	45	14(39)	76	10	70	20
		69	6	74	27(107)	23	23	64	64	6	68	27	75(252)

HA=180.1 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.4 6.9 6.9

HA=180.1 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

14.10.2003, 15:45:01

Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137612_tab.txt

H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer KS

Outrigger width = 18.7 ft Outrigger length = 27.7 ft
Outrigger "A" X = 12.0 ft Outrigger "A" Y = 9.4 ft
Outrigger "B" X = 12.0 ft Outrigger "B" Y = -9.4 ft

Outrigger "C" X = -15.7 ft Outrigger "C" Y = 9.4 ft
 Outrigger "D" X = -15.7 ft Outrigger "D" Y = -9.4 ft

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 40.7 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-0 % LK = 1
 Counterweight = 35.9 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D	
16.4	27.1	44	44	53	53	40	53	47	56(59)	41	56	44	55	
		46	57	42	51(128)	53	53	45	45	57	46	51	42(232)	
19.7	26.5	46	46	51	51	44	50	48	52(59)	45	52	46	52	
		47	53	45	50(128)	51	51	47	47	53	47	50	45(232)	
23.0	25.1	48	48	49	49	47	49	49	49(59)	47	49	48	49	
		48	49	48	49(127)	49	49	48	48	49	48	49	48(232)	
26.2	24.0	49	49	47	47	50	47	49	47(59)	50	46	50	47	
		49	45	50	48(128)	47	47	50	50	45	49	48	50(232)	
29.5	22.7	50	50	46	46	52	45	50	44(59)	52	43	52	45	
		49	42	52	47(128)	45	45	51	51	42	49	47	52(232)	
32.8	21.6	51	51	44	44	55	43	50	41(59)	54	40	53	43	
		50	39	54	46(128)	43	43	52	52	39	50	46	54(232)	
39.4	19.4	53	53	41	41	59	41	51	37(59)	57	36	56	39	
		57	36	56	39(90)	40	40	54	54	36	57	39	56(270)	
45.9	17.2	54	54	39	39	57	50	41	36(14)	60	32	58	36	
		60	32	58	36(90)	37	37	55	55	32	60	36	58(270)	
52.5	15.9	56	56	36	36	62	48	43	32(25)	63	28	60	33	
		62	27	61	35(97)	35	35	57	57	26	62	35	62(262)	
59.1	14.3	57	57	34	34	66	45	44	28(30)	65	25	62	31	
		63	23	64	34(101)	33	33	58	58	22	62	34	64(258)	
65.6	12.8	58	58	33	33	68	44	44	25(33)	67	22	63	29	
		63	19	66	33(104)	31	31	60	60	19	63	33	66(255)	
72.2	11.9	60	60	31	31	72	42	45	22(36)	70	19	65	26	
		64	15	69	32(107)	29	29	61	61	15	64	32	69(252)	
78.7	11.0	61	61	29	29	74	41	45	20(36)	72	16	67	24	
		65	12	71	31(109)	27	27	62	62	12	65	31	71(250)	
85.3	10.4	62	62	27	27	77	39	45	17(38)	75	13	69	22	
		69	9	73	28(106)	26	26	64	64	9	68	28	73(253)	
91.9	9.5	63	63	26	26	79	38	46	14(39)	77	11	70	20	
		69	7	75	27(107)	24	24	65	65	6	69	28	75(252)	
98.4	8.6	64	64	25	25	81	38	46	13(39)	78	9	71	19	
		70	5	76	26(107)	23	23	65	65	4	70	26	76(252)	
105.0	7.5	64	64	24	24	81	37	46	12(40)	78	8	71	18	
		70	4	77	26(108)	22	22	65	65	3	69	26	77(251)	

HA= 40.7 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.1 7.1

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 35.9 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D		
19.7	25.1	45	45	51	51	43	50	47	53	(59)	44	52	45	52	
		46	53	44	50	(128)	51	51	46	46	53	46	50	44	(232)
23.0	24.7	47	47	49	49	47	49	48	50	(59)	47	49	48	49	
		48	49	48	49	(127)	49	49	48	48	49	48	49	48	(232)
26.2	23.6	49	49	47	47	50	47	49	47	(59)	49	46	50	47	
		49	46	50	48	(127)	47	47	49	49	46	48	48	50	(232)
29.5	22.7	50	50	46	46	53	45	50	44	(59)	52	43	52	45	
		49	42	52	47	(128)	45	45	51	51	42	49	47	52	(232)
32.8	21.8	51	51	44	44	55	43	50	41	(59)	54	40	53	43	
		50	39	55	46	(128)	43	43	52	52	39	50	46	55	(232)
39.4	19.8	53	53	41	41	60	40	52	37	(59)	58	35	56	39	
		58	35	56	39	(90)	40	40	54	54	35	58	39	56	(270)
45.9	18.1	55	55	38	38	60	50	42	35	(18)	61	31	59	35	
		61	31	59	36	(91)	37	37	56	56	30	61	36	59	(268)
52.5	16.3	57	57	36	36	63	47	43	31	(26)	64	27	61	33	
		62	26	62	34	(98)	35	35	58	58	26	62	35	62	(261)
59.1	15.2	58	58	34	34	68	45	44	26	(32)	67	23	63	30	
		64	21	66	33	(103)	32	32	60	60	21	63	34	66	(256)
65.6	13.9	60	60	32	32	71	43	45	23	(35)	70	20	65	27	
		65	17	69	32	(106)	30	30	61	61	17	64	32	69	(253)
72.2	12.8	61	61	30	30	75	41	46	20	(38)	72	17	67	25	
		66	13	71	31	(108)	28	28	62	62	13	65	32	71	(251)
78.7	11.7	62	62	28	28	76	41	45	18	(37)	74	15	69	23	
		66	10	73	30	(110)	26	26	63	63	10	66	31	73	(249)
85.3	11.0	63	63	26	26	80	39	46	15	(39)	77	11	71	21	
		70	7	75	28	(107)	25	25	65	65	7	69	28	75	(252)
91.9	9.9	64	64	25	25	81	38	46	13	(39)	78	9	71	19	
		71	5	76	26	(107)	23	23	66	66	5	70	27	77	(252)
98.4	8.6	64	64	24	24	81	38	46	13	(39)	78	9	71	19	
		70	4	76	26	(107)	23	23	66	66	4	70	26	77	(252)
105.0	7.5	64	64	24	24	82	37	46	12	(40)	78	8	72	18	
		70	3	77	26	(108)	22	22	66	66	3	69	26	77	(251)
111.5	6.6	64	64	23	23	82	36	46	11	(40)	78	7	72	17	
		70	2	77	25	(108)	22	22	66	66	2	70	26	77	(251)
118.1	5.7	64	64	23	23	82	36	46	10	(40)	79	6	72	17	
		70	2	77	25	(108)	21	21	66	66	1	70	25	78	(251)

HA= 54.5 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.2 7.2

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 68.6 ft Length of jib = 82.0 ft
Main boom sequence = 0-0-0-0-0-90 % LK = 13
Counterweight = 35.9 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D		
23.0	22.9	46	46	50	50	45	49	47	50	(59)	45	50	47	50	
		47	50	46	49	(128)	49	49	47	47	50	47	49	46	(232)

26.2	22.5	48	48	48	48	49	47	49	47(59)	48	47	49	47
		48	46	49	48(127)	47	47	49	49	46	48	48	49(232)
29.5	21.8	49	49	46	46	52	45	49	45(59)	51	43	51	45
		49	43	52	47(128)	45	45	50	50	43	49	47	52(232)
32.8	21.2	51	51	44	44	54	43	50	42(59)	53	41	53	43
		50	39	54	46(128)	43	43	52	52	39	50	46	54(232)
39.4	19.4	53	53	41	41	59	41	51	37(59)	57	35	56	39
		57	35	56	39(90)	40	40	54	54	35	57	39	56(270)
45.9	17.6	55	55	38	38	59	50	42	35(17)	61	31	58	36
		61	31	58	36(90)	37	37	56	56	31	61	36	58(269)
52.5	15.9	56	56	36	36	63	48	43	31(25)	63	28	60	33
		62	26	62	35(97)	35	35	57	57	26	62	35	62(262)
59.1	14.1	57	57	34	34	65	46	43	28(29)	65	25	62	31
		63	23	64	34(101)	33	33	58	58	23	62	34	64(258)
65.6	13.0	58	58	32	32	69	44	44	25(33)	68	21	64	28
		63	19	67	33(105)	31	31	60	60	19	63	33	67(254)
72.2	11.9	60	60	30	30	72	42	45	22(36)	70	19	65	26
		65	15	69	32(107)	29	29	61	61	15	64	32	69(252)
78.7	10.6	60	60	29	29	74	40	46	20(38)	71	17	66	25
		65	13	70	31(108)	28	28	62	62	13	65	31	71(251)
85.3	9.5	61	61	28	28	75	41	44	19(36)	73	15	67	23
		65	11	72	30(109)	26	26	63	63	11	65	30	72(250)
91.9	8.8	62	62	26	26	77	39	45	16(38)	75	12	69	21
		68	8	73	27(106)	25	25	64	64	8	68	28	73(253)
98.4	8.4	64	64	25	25	80	38	46	13(39)	77	9	71	19
		70	5	76	26(107)	23	23	65	65	5	69	27	76(252)
105.0	7.5	64	64	24	24	82	36	46	11(40)	78	8	72	18
		70	3	77	26(108)	22	22	66	66	3	70	26	77(251)
111.5	6.4	64	64	24	24	82	36	46	11(40)	78	7	72	18
		70	3	77	26(108)	22	22	66	66	2	69	26	77(251)
118.1	5.7	64	64	23	23	83	36	46	10(40)	79	6	72	17
		71	1	78	25(108)	21	21	66	66	1	70	25	78(251)
124.7	4.9	64	64	22	22	82	35	46	10(40)	79	6	72	16
		70	1	78	24(108)	21	21	66	66	1	70	25	78(251)
131.2	4.2	64	64	22	22	83	34	46	9(41)	79	5	72	16
		70	0	78	24(109)	20	20	66	66	0	69	25	78(250)

 HA= 68.6 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.3 7.3

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 70.2 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-100 % LK = 14

Counterweight = 35.9 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
23.0	22.7	46	46	50	50	45	49	47	50(59)	45	50	46	50
		47	50	46	49(128)	49	49	47	47	50	47	49	46(232)
26.2	22.3	48	48	48	48	48	47	48	47(59)	48	47	49	48
		48	47	49	48(127)	47	47	49	49	47	48	48	49(232)
29.5	21.6	49	49	46	46	51	45	49	45(59)	51	44	51	45
		49	43	51	47(128)	45	45	50	50	43	49	47	51(232)

32.8	20.3	50	50	44	44	53	44	50	42(59)	52	41	52	43
		49	40	53	46(128)	43	43	51	51	40	49	46	53(232)
39.4	18.1	52	52	42	42	57	41	50	38(59)	56	37	54	40
		56	37	54	40(90)	41	41	53	53	37	56	40	54(270)
45.9	16.3	53	53	39	39	55	51	41	38(9)	58	33	57	37
		58	33	57	37(90)	38	38	54	54	33	58	37	57(270)
52.5	14.3	54	54	37	37	59	49	41	34(19)	60	30	58	35
		60	30	58	35(91)	36	36	56	56	29	60	35	58(268)
59.1	12.3	55	55	36	36	60	47	42	32(23)	62	27	59	33
		61	27	60	34(95)	34	34	56	56	26	60	34	60(264)
65.6	11.2	56	56	34	34	64	45	43	28(29)	64	24	61	31
		62	23	63	33(100)	32	32	58	58	22	61	33	63(259)
72.2	10.4	57	57	32	32	67	43	44	25(33)	66	22	63	28
		62	19	65	32(104)	31	31	59	59	19	62	32	65(255)
78.7	9.3	58	58	31	31	69	41	44	23(35)	68	19	64	27
		63	17	67	31(105)	29	29	60	60	16	63	32	67(254)
85.3	8.2	58	58	30	30	71	41	44	21(36)	69	18	65	26
		63	14	68	31(107)	28	28	60	60	14	63	31	68(252)
91.9	7.7	60	60	28	28	73	40	44	19(36)	71	15	67	23
		64	11	71	30(109)	26	26	62	62	11	64	30	71(250)
98.4	7.1	61	61	27	27	75	39	44	17(37)	73	13	68	22
		67	9	72	27(105)	25	25	63	63	9	67	28	72(254)
105.0	6.4	62	62	26	26	77	38	45	15(38)	75	11	69	21
		68	7	73	27(106)	24	24	63	63	7	68	27	73(253)
111.5	6.0	63	63	24	24	80	37	45	13(39)	77	9	70	19
		69	4	75	26(107)	22	22	65	65	4	69	26	75(252)
118.1	5.5	64	64	23	23	82	36	46	11(40)	78	7	72	17
		70	2	77	25(108)	21	21	66	66	2	69	26	77(251)
124.7	4.9	64	64	22	22	82	35	46	10(40)	79	6	72	16
		70	1	78	24(108)	21	21	66	66	1	70	25	78(251)
131.2	4.2	64	64	22	22	83	34	46	9(41)	79	5	73	16
		70	0	78	24(109)	20	20	66	66	0	69	25	79(250)
137.8	3.5	64	64	22	22	83	34	46	9(41)	79	5	73	15
		69	0	79	24(109)	20	20	66	66	0	69	24	79(250)

 HA= 70.2 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.3 7.4

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
26.2	21.6	47	47	48	48	47	48	47(59)	48	47	49	48	
		47	47	49	48(127)	47	47	48	48	47	47	48	49(232)
29.5	21.2	49	49	46	46	51	45	49	45(59)	50	43	51	45
		49	43	51	47(128)	45	45	50	50	43	49	47	51(232)
32.8	20.7	51	51	44	44	54	43	50	42(59)	53	40	53	43
		50	39	54	46(128)	43	43	52	52	39	50	46	54(232)
39.4	19.4	53	53	41	41	60	40	52	36(59)	58	35	56	39
		58	35	56	39(90)	40	40	54	54	35	58	39	56(270)

45.9	17.9	55	55	38	38	60	49	43	34(20)	62	30	59	35
		62	30	60	35(92)	37	37	56	56	30	61	36	60(267)
52.5	16.5	57	57	35	35	65	47	44	30(28)	65	26	62	32
		63	24	64	34(100)	34	34	59	59	24	63	34	64(259)
59.1	15.0	59	59	33	33	69	44	45	26(33)	68	23	64	29
		64	20	67	33(104)	32	32	60	60	20	64	33	67(255)
65.6	13.4	60	60	31	31	71	43	45	23(35)	70	20	65	27
		65	17	69	32(106)	30	30	61	61	17	64	32	69(253)
72.2	12.6	61	61	29	29	75	41	45	20(36)	73	16	67	24
		66	12	72	31(109)	28	28	63	63	12	65	32	72(250)
78.7	11.7	63	63	27	27	78	40	46	17(38)	75	13	69	22
		69	9	74	28(106)	26	26	64	64	9	69	29	74(253)
85.3	10.6	63	63	26	26	80	39	46	15(39)	77	11	71	21
		70	7	75	27(107)	24	24	65	65	7	69	28	76(252)
91.9	9.5	64	64	25	25	81	38	46	13(39)	78	9	72	19
		71	5	77	26(107)	23	23	66	66	5	70	27	77(252)
98.4	8.2	64	64	24	24	82	37	46	12(40)	78	9	72	19
		70	4	77	26(108)	22	22	66	66	4	69	27	77(251)
105.0	7.1	64	64	24	24	82	36	46	11(40)	78	8	72	18
		70	3	77	26(108)	22	22	66	66	3	69	26	77(251)
111.5	6.2	64	64	23	23	82	36	46	10(40)	79	7	72	17
		70	2	77	25(108)	21	21	66	66	2	70	26	78(251)
118.1	5.3	64	64	23	23	83	36	46	10(40)	79	6	72	17
		71	1	78	25(108)	21	21	66	66	1	70	25	78(251)
124.7	4.4	64	64	22	22	82	35	45	9(40)	79	6	72	16
		70	1	78	24(108)	20	20	66	66	0	70	25	78(251)
131.2	3.7	64	64	22	22	83	34	46	9(41)	79	5	73	16
		70	0	78	24(109)	20	20	66	66	0	69	24	79(250)
137.8	3.1	64	64	22	22	83	34	46	8(41)	79	4	73	15
		69	0	79	23(109)	19	19	66	66	0	68	24	80(250)
144.4	2.4	64	64	21	21	83	34	46	8(41)	79	4	72	15
		69	0	79	23(109)	19	19	66	66	0	68	23	80(250)

 HA= 82.3 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.4 7.4

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 84.0 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-45-100 % LK = 21

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
26.2	21.2	47	47	48	48	47	47	48	48(59)	47	47	48	48
		47	47	48	48(127)	47	47	48	48	47	47	48	48(232)
29.5	20.9	49	49	46	46	51	45	49	45(59)	50	44	50	45
		48	43	51	47(128)	45	45	50	50	43	48	47	51(232)
32.8	20.5	50	50	44	44	54	43	50	42(59)	53	41	52	43
		49	40	54	46(128)	43	43	51	51	40	49	46	54(232)
39.4	18.5	52	52	41	41	58	41	51	37(59)	57	36	55	39
		57	36	55	39(90)	40	40	54	54	36	57	39	55(270)
45.9	16.8	54	54	39	39	57	50	41	36(14)	60	32	58	36
		60	32	58	36(90)	37	37	55	55	32	60	36	58(270)

52.5	15.0	56	56	36	36	62	48	43	32(24)	62	28	60	34
		61	27	61	35(96)	35	35	57	57	27	61	35	61(263)
59.1	13.4	57	57	34	34	65	45	43	29(29)	65	25	61	31
		62	23	63	33(100)	33	33	58	58	23	62	34	63(259)
65.6	11.9	57	57	33	33	67	44	44	26(32)	66	22	63	29
		63	20	65	33(103)	31	31	59	59	20	62	33	65(256)
72.2	11.0	59	59	31	31	70	42	45	23(35)	69	19	65	27
		64	16	68	32(106)	29	29	60	60	16	63	32	68(253)
78.7	10.1	60	60	29	29	73	40	45	20(38)	71	17	66	25
		65	13	70	31(108)	28	28	62	62	13	64	31	71(251)
85.3	9.3	61	61	28	28	75	40	45	18(37)	73	14	68	23
		65	10	73	30(110)	26	26	63	63	10	65	31	73(249)
91.9	8.4	62	62	26	26	77	39	45	16(38)	75	12	69	21
		68	8	73	27(106)	25	25	64	64	8	68	28	73(253)
98.4	7.7	63	63	25	25	80	37	45	13(39)	77	10	71	19
		69	5	75	26(107)	23	23	65	65	5	69	27	75(252)
105.0	7.1	64	64	24	24	82	36	46	11(40)	78	8	72	18
		70	3	77	26(108)	22	22	66	66	3	69	26	77(251)
111.5	6.2	64	64	23	23	82	36	46	10(40)	79	7	72	17
		70	2	77	25(108)	21	21	66	66	2	70	26	78(251)
118.1	5.3	64	64	23	23	83	36	46	10(40)	79	6	72	17
		71	1	78	25(108)	21	21	66	66	1	70	25	78(251)
124.7	4.4	64	64	22	22	82	35	45	9(40)	79	6	72	16
		70	1	78	24(108)	20	20	66	66	0	70	25	78(251)
131.2	3.7	64	64	22	22	83	34	46	9(41)	79	5	73	16
		70	0	78	24(109)	20	20	66	66	0	69	24	79(250)
137.8	3.1	64	64	22	22	83	34	46	8(41)	79	4	73	15
		69	0	79	23(109)	19	19	66	66	0	68	24	80(250)
144.4	2.4	64	64	21	21	83	34	46	8(41)	79	4	72	15
		69	0	79	23(109)	19	19	66	66	0	68	23	80(250)

 HA= 84.0 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.4 7.4

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 96.5 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-90-90 % LK = 28

Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
29.5	19.8	48	48	46	46	50	45	49	45(59)	49	44	50	45
		48	43	50	47(128)	45	45	49	49	43	48	47	50(232)
32.8	19.6	50	50	44	44	53	43	50	42(59)	52	41	52	43
		49	40	53	46(128)	43	43	51	51	40	49	46	53(232)
39.4	18.7	53	53	41	41	59	40	51	37(59)	58	35	56	39
		58	35	56	39(90)	40	40	54	54	35	58	39	56(270)
45.9	17.6	56	56	38	38	60	49	42	34(20)	62	30	59	35
		62	30	60	35(93)	37	37	57	57	30	61	36	60(266)
52.5	16.3	58	58	35	35	66	46	44	29(29)	65	26	62	32
		63	24	64	34(100)	34	34	59	59	24	63	34	64(259)
59.1	15.2	60	60	32	32	70	44	45	25(34)	69	22	65	28
		65	19	68	33(105)	31	31	61	61	19	64	33	68(254)

65.6	14.1	61	61	30	30	74	42	46	21(37)	72	18	67	26
		66	14	71	32(108)	29	29	62	62	14	65	32	71(251)
72.2	12.8	62	62	28	28	77	41	46	19(37)	74	15	69	24
		66	11	73	31(110)	27	27	64	64	11	66	31	73(249)
78.7	11.9	64	64	26	26	80	40	46	15(38)	77	12	71	21
		70	8	75	27(106)	25	25	65	65	8	70	28	75(253)
85.3	10.6	64	64	25	25	81	38	46	14(39)	78	10	71	20
		71	6	76	27(107)	24	24	66	66	6	70	27	77(252)
91.9	9.3	64	64	24	24	82	37	47	12(40)	78	9	72	19
		70	4	77	26(108)	23	23	66	66	4	70	27	77(251)
98.4	7.9	64	64	24	24	82	37	46	12(40)	78	8	72	18
		70	3	77	26(108)	22	22	66	66	3	70	26	77(251)
105.0	6.8	64	64	23	23	82	36	46	11(40)	79	7	72	17
		70	2	77	25(108)	22	22	66	66	2	70	26	78(251)
111.5	5.7	64	64	23	23	82	36	46	11(40)	78	7	72	17
		70	2	77	25(108)	21	21	66	66	2	70	26	77(251)
118.1	5.1	65	65	22	22	84	35	46	9(41)	80	5	73	16
		70	0	78	25(109)	20	20	67	67	0	70	25	79(250)
124.7	4.2	64	64	22	22	83	34	46	9(41)	80	5	73	16
		70	0	79	24(109)	20	20	66	66	0	69	24	79(250)
131.2	3.3	64	64	22	22	83	34	46	9(41)	79	5	72	16
		69	0	78	24(109)	20	20	66	66	0	69	24	79(250)
137.8	2.6	64	64	22	22	83	34	46	8(41)	79	4	72	15
		69	0	79	23(109)	19	19	66	66	0	68	24	79(250)

HA= 96.5 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.8 6.5 7.3 7.4

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 100.4 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-100-100 % LK = 29

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)								
A B C D				A B C D				A B C D					
32.8	19.0	50	50	44	44	52	43	49	42(59)	52	41	51	43
		49	40	52	46(128)	43	43	50	50	40	49	46	52(232)
39.4	18.1	52	52	41	41	58	40	51	37(59)	57	36	55	39
		57	36	55	39(90)	40	40	54	54	36	57	39	55(270)
45.9	16.5	54	54	38	38	58	50	42	35(16)	60	31	58	36
		60	31	58	36(90)	37	37	56	56	31	60	36	58(270)
52.5	15.2	56	56	36	36	63	47	43	31(26)	63	27	60	33
		62	26	62	34(98)	34	34	58	58	26	62	35	62(261)
59.1	13.9	58	58	34	34	67	45	44	27(31)	66	24	63	30
		63	21	65	33(103)	32	32	59	59	21	63	34	65(256)
65.6	12.8	59	59	32	32	71	43	45	23(35)	69	20	65	27
		64	17	68	32(106)	30	30	61	61	17	64	32	68(253)
72.2	11.5	60	60	30	30	73	41	45	21(37)	71	17	66	25
		65	14	70	31(108)	28	28	62	62	14	64	32	70(251)
78.7	10.6	62	62	28	28	76	40	45	18(37)	73	15	68	23
		66	10	73	30(110)	26	26	63	63	10	65	31	73(249)
85.3	9.7	63	63	26	26	78	39	45	16(38)	76	12	70	21
		69	8	74	27(106)	25	25	64	64	8	69	28	74(253)

91.9	9.0	64	64	25	25	81	38	46	13(39)	78	9	71	19
		71	5	76	26(107)	23	23	66	66	4	70	27	77(252)
98.4	7.9	64	64	24	24	82	37	46	11(40)	79	8	72	18
		71	3	77	26(108)	22	22	66	66	3	70	26	77(251)
105.0	6.8	64	64	23	23	82	36	46	11(40)	79	7	72	17
		71	2	78	25(108)	21	21	66	66	2	70	26	78(251)
111.5	5.7	64	64	23	23	82	36	46	10(40)	79	6	72	17
		70	2	77	25(108)	21	21	66	66	1	70	26	78(251)
118.1	4.9	64	64	22	22	83	35	46	10(40)	79	6	72	17
		71	1	78	24(108)	21	21	66	66	1	70	25	78(251)
124.7	4.0	64	64	22	22	82	35	45	9(40)	79	5	72	16
		70	0	78	24(108)	20	20	66	66	0	70	25	78(251)
131.2	3.3	64	64	22	22	83	34	46	9(41)	79	5	73	16
		69	0	79	24(109)	20	20	66	66	0	69	24	79(250)
137.8	2.6	64	64	21	21	83	34	46	8(41)	79	4	73	15
		69	0	79	23(109)	19	19	66	66	0	68	23	80(250)

HA=100.4 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.4 7.4

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 110.2 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-45-90-90 % LK = 36

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)								
	A	B	C	D	A	B		C		D			
32.8	18.7	50	50	44	44	53	43	49	42(59)	52	41	52	43
		49	40	53	46(128)	43	43	51	51	40	49	46	53(232)
39.4	18.1	53	53	41	41	59	40	51	36(59)	58	35	56	39
		58	35	56	39(90)	39	39	54	54	35	58	39	56(270)
45.9	17.2	56	56	37	37	61	49	43	33(22)	62	30	60	35
		62	29	60	35(94)	36	36	57	57	29	61	35	60(265)
52.5	16.3	58	58	34	34	67	46	44	28(31)	67	24	63	31
		64	22	65	34(102)	33	33	59	59	22	63	34	65(257)
59.1	15.4	61	61	32	32	73	43	46	23(36)	71	20	66	27
		65	17	70	33(107)	30	30	62	62	17	65	33	70(252)
65.6	14.3	62	62	29	29	76	42	45	19(36)	74	16	69	24
		67	12	73	31(109)	28	28	64	64	12	66	32	73(250)
72.2	13.4	64	64	27	27	80	40	46	16(38)	77	12	71	21
		71	8	75	28(106)	25	25	66	66	8	70	28	76(253)
78.7	11.9	65	65	26	26	82	39	47	14(39)	78	10	72	20
		71	6	77	27(107)	24	24	66	66	6	71	27	77(252)
85.3	10.1	65	65	25	25	82	37	47	13(40)	78	9	72	19
		71	5	77	27(108)	23	23	66	66	4	70	27	77(251)
91.9	8.6	64	64	24	24	82	37	46	12(40)	78	8	72	19
		70	4	77	26(108)	23	23	66	66	4	70	27	77(251)
98.4	7.3	64	64	24	24	82	36	46	11(40)	78	8	72	18
		70	3	77	26(108)	22	22	66	66	3	70	26	77(251)
105.0	6.2	64	64	23	23	82	36	46	11(40)	79	7	72	17
		70	2	77	25(108)	21	21	66	66	2	70	26	78(251)
111.5	5.3	64	64	22	22	83	35	46	9(41)	79	6	73	16
		70	0	78	25(109)	21	21	66	66	0	70	26	78(250)

118.1 4.4 64 64 22 22 84 34 46 9(41) 80 5 73 16
 70 0 79 24(109) 20 20 67 67 0 69 25 79(250)
 124.7 3.5 64 64 22 22 83 34 46 8(41) 80 4 73 15
 69 0 79 24(109) 20 20 66 66 0 69 24 79(250)
 131.2 2.6 64 64 22 22 83 34 46 8(41) 79 4 72 15
 69 0 79 23(109) 20 20 66 66 0 68 24 79(250)

 HA=110.2 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.8 6.6 7.4 7.4

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 114.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D				
39.4	17.6	52	52	41	41	59	40	51	37(59)	57	35	55	39	57	35	55	39(270)
45.9	16.5	55	55	38	38	60	49	42	34(19)	61	30	59	35	61	30	59	35(267)
52.5	15.4	57	57	35	35	65	46	44	29(29)	65	26	62	32	63	24	63	34(259)
59.1	14.1	59	59	33	33	69	44	45	25(33)	68	22	64	29	64	19	67	33(255)
65.6	13.0	60	60	30	30	73	41	46	21(37)	71	18	66	26	65	15	70	32(252)
72.2	12.1	62	62	28	28	77	41	45	18(37)	74	15	69	23	66	10	73	31(249)
78.7	11.0	63	63	26	26	79	39	46	15(38)	76	12	70	21	70	8	75	27(253)
85.3	10.1	65	65	25	25	82	37	47	13(40)	79	9	72	19	71	4	77	27(251)
91.9	8.6	64	64	24	24	82	37	46	12(40)	78	8	72	18	70	4	77	26(251)
98.4	7.3	64	64	24	24	82	36	46	11(40)	79	7	72	18	70	3	77	26(251)
105.0	6.2	64	64	23	23	82	36	46	11(40)	79	7	72	17	71	2	77	25(251)
111.5	5.3	65	65	22	22	83	35	46	9(41)	80	6	73	16	70	0	78	25(250)
118.1	4.2	64	64	22	22	82	35	45	9(40)	79	6	72	16	70	0	78	24(251)
124.7	3.3	64	64	22	22	82	35	45	9(40)	79	5	72	16	70	0	77	24(251)
131.2	2.6	64	64	22	22	83	34	46	8(41)	79	4	72	15	69	0	79	23(250)

 HA=114.5 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.3 7.4

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)					3(90)				
	4(...)				5(180)					6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
39.4	17.2	52	52	40	40	59	40	51	36	(59)	57	35	56	39
		57	35	56	39	(90)	39	39	54	54	35	57	39	56(270)
45.9	16.5	56	56	37	37	61	49	43	33	(22)	62	29	59	34
		61	29	60	35	(94)	36	36	57	57	29	61	35	60(265)
52.5	15.9	58	58	34	34	67	45	44	27	(31)	67	24	63	30
		64	22	65	34	(102)	33	33	60	60	22	63	34	65(257)
59.1	15.0	61	61	31	31	73	43	46	23	(36)	71	19	66	27
		65	16	70	32	(107)	30	30	62	62	16	65	33	70(252)
65.6	14.3	63	63	28	28	78	41	46	18	(37)	75	15	69	23
		67	11	74	31	(110)	27	27	64	64	10	67	31	74(249)
72.2	13.4	65	65	26	26	82	39	47	14	(39)	79	11	72	20
		71	6	77	27	(107)	25	25	66	66	6	71	28	77(252)
78.7	11.5	65	65	25	25	82	38	47	13	(40)	79	10	72	19
		71	5	77	27	(108)	24	24	66	66	5	70	28	77(251)
85.3	9.7	65	65	24	24	82	37	47	12	(40)	79	9	72	19
		71	4	77	26	(108)	23	23	66	66	4	70	27	78(251)
91.9	8.2	64	64	24	24	82	37	46	11	(40)	79	8	72	18
		71	3	77	26	(108)	22	22	66	66	3	70	26	78(251)
98.4	6.8	64	64	23	23	82	36	46	11	(40)	79	7	72	17
		71	2	77	25	(108)	22	22	66	66	2	70	26	78(251)
105.0	5.7	64	64	23	23	83	36	46	10	(40)	79	6	72	17
		71	1	78	25	(108)	21	21	66	66	1	70	25	78(251)
111.5	4.6	64	64	22	22	83	35	46	10	(40)	79	6	72	16
		71	1	78	24	(108)	21	21	66	66	0	70	25	78(251)
118.1	3.7	64	64	22	22	83	34	46	9	(41)	79	5	73	16
		70	0	78	24	(109)	20	20	66	66	0	69	24	79(250)
124.7	2.9	64	64	22	22	83	34	46	8	(41)	79	4	72	15
		69	0	79	24	(109)	20	20	66	66	0	68	24	79(250)

HA=124.3 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.3 7.4

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 130.9 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)					3(90)				
	4(...)				5(180)					6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
39.4	16.3	52	52	41	41	58	40	50	37	(59)	56	35	55	39
		56	35	55	39	(90)	40	40	53	53	35	56	39	55(270)
45.9	15.9	55	55	37	37	60	49	42	34	(20)	61	30	59	35
		61	30	59	35	(92)	36	36	56	56	29	61	35	59(267)
52.5	15.0	57	57	35	35	66	46	43	29	(29)	65	25	62	31
		63	23	64	34	(101)	33	33	59	59	23	63	34	64(258)
59.1	14.1	60	60	32	32	71	43	45	24	(35)	69	21	65	28
		65	18	68	32	(106)	30	30	61	61	17	64	33	68(253)

65.6	13.0	61	61	30	30	75	41	46	20(38)	73	17	67	25
		66	13	72	32(109)	28	28	63	63	13	65	32	72(250)
72.2	12.1	63	63	27	27	78	40	46	17(38)	76	13	70	22
		69	9	74	28(106)	26	26	65	65	9	69	29	74(253)
78.7	11.0	64	64	26	26	81	39	46	14(39)	78	10	71	20
		71	6	76	27(107)	24	24	66	66	6	70	27	77(252)
85.3	9.3	64	64	25	25	81	38	46	13(39)	78	9	71	19
		71	5	76	26(107)	23	23	66	66	5	70	27	77(252)
91.9	7.9	64	64	24	24	82	37	46	12(40)	78	8	72	18
		70	3	77	26(108)	22	22	66	66	3	70	26	77(251)
98.4	6.6	64	64	24	24	82	36	46	11(40)	78	7	72	18
		70	2	77	25(108)	22	22	66	66	2	70	26	77(251)
105.0	5.5	64	64	23	23	82	36	46	10(40)	79	6	72	17
		70	1	77	25(108)	21	21	66	66	1	70	25	78(251)
111.5	4.4	64	64	23	23	82	35	45	10(40)	79	6	72	17
		70	1	77	24(108)	21	21	66	66	1	70	25	78(251)
118.1	3.5	64	64	22	22	83	34	46	9(41)	79	5	72	16
		70	0	78	25(109)	20	20	66	66	0	69	25	78(250)
124.7	2.6	64	64	22	22	83	34	46	9(41)	79	5	72	16
		69	0	78	24(109)	20	20	66	66	0	68	24	78(250)

HA=130.9 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.3 7.3

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]												(Pos.[Degrees])	0-360 Degr.
		1(0)				2(...)				3(90)					
		A	B	C	D	A	B	C	D	A	B	C	D		
45.9	16.1	56	56	37	37	62	48	43	32(23)	63	28	60	34		
		62	28	61	35(96)	35	35	57	57	27	61	35	61(263)		
52.5	15.4	59	59	34	34	68	45	45	26(32)	68	23	64	30		
		64	21	66	33(103)	32	32	60	60	21	64	34	66(256)		
59.1	14.8	61	61	30	30	74	42	46	21(37)	72	18	67	26		
		66	15	71	32(108)	29	29	63	63	14	65	32	71(251)		
65.6	14.1	64	64	28	28	79	40	46	17(38)	77	13	71	22		
		70	9	75	28(106)	26	26	65	65	9	70	29	75(253)		
72.2	11.9	64	64	26	26	80	40	46	15(38)	77	12	71	21		
		70	8	75	27(106)	25	25	65	65	7	70	28	75(253)		
78.7	9.9	63	63	26	26	80	38	46	14(39)	77	11	71	20		
		70	6	75	27(107)	24	24	65	65	6	69	28	76(252)		
85.3	8.4	64	64	25	25	81	38	46	13(39)	77	9	71	19		
		70	5	76	26(107)	23	23	65	65	5	69	27	76(252)		
91.9	6.8	63	63	24	24	80	37	45	12(39)	77	9	71	19		
		70	4	76	26(107)	22	22	65	65	4	69	26	76(252)		
98.4	5.5	63	63	24	24	81	36	46	12(40)	77	8	71	18		
		69	3	76	26(108)	22	22	65	65	3	69	26	76(251)		
105.0	4.4	63	63	23	23	81	36	45	11(40)	78	7	71	17		
		69	2	76	25(108)	21	21	65	65	2	69	26	77(251)		
111.5	3.5	63	63	23	23	82	35	45	10(40)	78	6	72	17		
		70	1	77	24(108)	21	21	65	65	1	69	25	77(251)		

118.1 2.6 63 63 22 22 82 35 45 9(40) 78 5 72 16
 70 0 77 24(108) 20 20 66 66 0 69 25 77(251)

HA=138.1 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.1 7.2

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)				2(...)				
	4(...)				5(180)				
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D		
45.9 15.0	55 55 37 37	60 49 42 34(20)	61 30 59 35	61 29 59 35(92)	36 36 56 56	29 61 35 59(267)			
52.5 14.8	58 58 34 34	67 45 44 27(31)	67 24 63 30	63 22 65 33(102)	33 33 59 59	22 63 34 65(257)			
59.1 13.9	60 60 31 31	73 42 45 22(36)	71 19 66 27	65 16 69 32(107)	30 30 62 62	16 65 32 70(252)			
65.6 13.2	63 63 28 28	77 41 46 18(37)	75 15 69 23	67 10 74 31(110)	27 27 64 64	10 67 31 74(249)			
72.2 11.5	63 63 27 27	79 40 46 16(38)	76 12 70 22	70 8 74 28(106)	25 25 65 65	8 69 28 75(253)			
78.7 9.7	63 63 26 26	80 38 46 15(39)	77 11 71 20	69 7 75 27(107)	24 24 65 65	6 69 28 75(252)			
85.3 7.9	63 63 25 25	80 38 46 14(39)	77 10 70 20	69 6 75 27(107)	24 24 65 65	6 69 27 75(252)			
91.9 6.6	63 63 24 24	80 37 45 13(39)	77 9 71 19	70 4 76 26(107)	23 23 65 65	4 69 26 76(252)			
98.4 5.3	63 63 24 24	80 37 45 12(39)	77 8 71 18	69 4 75 25(107)	22 22 65 65	4 69 26 76(252)			
105.0 4.2	63 63 24 24	80 36 45 11(40)	77 7 71 18	69 3 76 25(108)	21 21 65 65	2 68 26 76(251)			
111.5 3.3	63 63 23 23	81 35 45 10(40)	78 6 71 17	69 2 77 25(108)	21 21 65 65	1 69 25 77(251)			
118.1 2.4	63 63 22 22	81 35 45 10(40)	78 6 71 16	69 1 77 24(108)	20 20 65 65	1 69 25 77(251)			

HA=145.0 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.1 7.1

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)				2(...)				
	4(...)				5(180)				
A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D		
45.9 15.0	55 55 37 37	61 48 42 32(23)	62 28 59 34	61 28 60 35(95)	35 35 57 57	28 61 35 60(264)			
52.5 14.8	59 59 33 33	69 44 45 26(33)	68 23 64 29	64 20 67 33(104)	32 32 60 60	20 63 34 67(255)			

59.1	14.1	61	61	30	30	75	41	46	21(38)	73	18	67	26
		66	14	71	32(108)	29	29	63	63	14	66	32	71(251)
65.6	12.6	63	63	28	28	77	41	46	18(37)	75	14	69	23
		67	10	74	31(110)	27	27	64	64	10	66	31	74(249)
72.2	10.6	63	63	27	27	78	39	46	16(38)	76	13	70	22
		69	9	74	28(106)	25	25	64	64	8	69	28	74(253)
78.7	8.6	63	63	26	26	78	39	45	15(38)	75	11	70	21
		69	7	74	27(106)	24	24	64	64	7	69	27	74(253)
85.3	7.1	63	63	25	25	79	37	45	14(39)	76	10	70	20
		69	6	75	27(107)	24	24	64	64	6	68	27	75(252)
91.9	5.7	63	63	24	24	79	37	45	13(39)	76	9	70	19
		69	5	75	26(107)	23	23	65	65	4	69	26	75(252)
98.4	4.4	62	62	24	24	79	37	45	12(39)	76	8	70	19
		69	4	75	26(107)	22	22	64	64	4	68	26	75(252)
105.0	3.3	62	62	24	24	80	36	45	12(39)	76	7	70	18
		69	3	75	25(107)	22	22	65	65	3	68	25	75(252)
111.5	2.4	63	63	23	23	80	35	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	68	25	76(251)

 HA=152.2 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.0 7.1

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 161.4 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
52.5	13.0	57	57	34	34	65	45	43	28(29)	65	25	62	31
		62	23	63	34(101)	33	33	58	58	23	62	34	64(258)
59.1	13.0	60	60	31	31	72	42	45	22(36)	71	19	66	26
		65	16	69	32(107)	29	29	62	62	15	65	32	70(252)
65.6	12.1	62	62	28	28	77	41	45	18(37)	74	15	69	23
		66	10	73	31(110)	27	27	64	64	10	66	31	74(249)
72.2	9.9	62	62	27	27	77	40	45	17(37)	74	13	69	22
		69	10	73	28(105)	26	26	64	64	9	68	28	73(254)
78.7	8.2	62	62	26	26	77	39	45	16(38)	75	12	69	21
		68	8	73	27(106)	25	25	64	64	8	68	28	73(253)
85.3	6.6	62	62	26	26	78	38	45	15(38)	75	11	69	20
		69	7	74	26(106)	24	24	64	64	7	68	27	74(253)
91.9	5.3	62	62	25	25	78	37	45	13(39)	76	9	70	19
		68	5	74	26(107)	23	23	64	64	5	68	27	75(252)
98.4	4.0	62	62	24	24	78	37	45	13(39)	75	9	69	19
		68	5	74	26(107)	22	22	64	64	4	68	26	74(252)
105.0	2.9	62	62	24	24	78	36	45	12(39)	75	8	70	18
		68	4	74	25(107)	22	22	64	64	4	68	26	75(252)

 HA=161.4 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 6.9 6.9

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 166.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	14.1	59	59	33	33	70	43	45	25(34)	68	22	64	29
		64	19	67	33(105)	31	31	60	60	19	64	33	67(254)
59.1	13.4	62	62	30	30	76	41	46	20(38)	73	17	68	25
		66	13	72	31(109)	28	28	63	63	13	66	32	72(250)
65.6	11.0	62	62	28	28	76	41	45	18(37)	74	15	68	23
		66	11	73	31(110)	27	27	63	63	10	65	31	73(249)
72.2	8.8	62	62	27	27	76	40	45	17(37)	74	13	68	22
		68	10	72	28(105)	26	26	63	63	10	68	28	72(254)
78.7	7.1	62	62	26	26	77	39	45	16(38)	74	12	69	21
		68	8	73	27(106)	25	25	63	63	8	67	28	73(253)
85.3	5.5	62	62	26	26	77	38	45	15(38)	74	11	69	21
		68	7	73	26(106)	24	24	63	63	7	67	27	73(253)
91.9	4.2	62	62	25	25	77	37	44	14(38)	75	10	69	20
		68	6	73	26(106)	23	23	63	63	6	68	26	73(253)
98.4	2.9	61	61	25	25	77	37	44	13(38)	75	9	69	19
		68	5	73	25(106)	22	22	63	63	5	67	26	73(253)

HA=166.0 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.8 6.8

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 175.5 ft Length of jib = 82.0 ft

Main boom sequence = 0-45-100-100-100-100 % LK = 69

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	12.1	57	57	34	34	65	45	43	28(30)	65	24	62	30
		62	22	64	33(101)	32	32	58	58	22	62	33	64(258)
59.1	12.1	60	60	30	30	73	41	46	22(37)	71	18	66	26
		65	15	70	32(107)	29	29	62	62	15	65	32	70(252)
65.6	10.4	61	61	29	29	75	41	45	19(36)	73	16	67	24
		65	12	72	31(109)	27	27	63	63	11	65	31	72(250)
72.2	8.4	61	61	28	28	75	40	45	18(37)	73	14	68	23
		65	10	72	30(110)	26	26	63	63	9	65	30	73(249)
78.7	6.6	61	61	27	27	76	39	44	17(37)	73	13	68	22
		68	9	72	27(105)	25	25	63	63	9	67	28	72(254)
85.3	5.1	61	61	26	26	76	38	45	15(38)	73	11	68	21
		67	8	72	27(106)	24	24	63	63	7	67	27	73(253)
91.9	3.7	61	61	25	25	77	37	44	15(38)	74	11	68	20
		67	7	73	26(106)	23	23	63	63	6	67	27	73(253)
98.4	2.6	61	61	25	25	77	37	44	13(38)	74	9	69	19
		68	5	73	26(106)	22	22	63	63	5	67	26	73(253)

HA=175.5 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.8 6.8

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 180.1 ft Length of jib = 82.0 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 35.9 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.					
		1(0)				2(...)				3(90)									
		4(...)				5(180)				6(...)									
A	B	C	D	A	B	C	D	A	B	C	D								
59.1	11.7	60	60	30	30	73	41	45	21	(37)	71	17	66	25					
		65	14	70	31	(108)	28	28	62	62	14	65	32	71	(251)				
65.6	9.3	60	60	29	29	74	41	45	19	(36)	72	16	67	24					
		65	12	71	31	(109)	27	27	62	62	12	64	31	71	(250)				
72.2	7.3	60	60	28	28	74	40	44	18	(36)	72	14	67	23					
		65	10	71	30	(109)	26	26	62	62	10	64	30	72	(250)				
78.7	5.5	60	60	27	27	75	39	44	17	(37)	72	13	67	22					
		67	9	71	27	(105)	25	25	62	62	9	66	28	71	(254)				
85.3	4.0	60	60	26	26	75	38	44	16	(37)	73	12	67	21					
		67	8	71	27	(105)	24	24	62	62	8	66	27	71	(254)				
91.9	2.9	61	61	25	25	76	37	44	15	(38)	73	10	68	20					
		67	6	72	26	(106)	23	23	63	63	6	67	26	72	(253)				

HA=180.1 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.7 6.7

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 191.9 ft Length of jib = 82.0 ft
 Main boom sequence = 0-100-100-100-100-100 % LK = 74
 Counterweight = 35.9 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.					
		1(0)				2(...)				3(90)									
		4(...)				5(180)				6(...)									
A	B	C	D	A	B	C	D	A	B	C	D								
59.1	10.6	59	59	30	30	71	41	45	22	(36)	70	19	65	26					
		64	15	69	32	(107)	29	29	61	61	15	64	32	69	(252)				
65.6	8.6	60	60	29	29	73	40	45	20	(37)	71	16	66	24					
		64	13	70	30	(108)	27	27	62	62	13	64	31	70	(251)				
72.2	6.6	60	60	28	28	73	40	44	19	(36)	71	15	66	23					
		64	11	71	30	(109)	26	26	62	62	11	64	30	71	(250)				
78.7	5.1	60	60	27	27	74	39	44	17	(37)	72	13	67	22					
		66	10	71	27	(105)	25	25	62	62	9	66	28	71	(254)				
85.3	3.5	60	60	26	26	74	38	44	16	(37)	72	12	67	21					
		66	9	71	27	(105)	24	24	62	62	8	66	27	71	(254)				

HA=191.9 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.6 6.6

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 193.9 ft Length of jib = 82.0 ft
 Main boom sequence = 45-90-90-90-90-90 % LK = 76
 Counterweight = 35.9 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		4(...)				5(180)				6(...)					
A	B	C	D	A	B	C	D	A	B	C	D				

59.1 9.7 59 59 30 30 71 41 45 22(36) 70 18 65 26
 64 15 69 31(107) 28 28 61 61 15 63 32 69(252)
 65.6 7.5 59 59 29 29 72 41 44 20(35) 70 16 66 24
 64 13 70 30(108) 27 27 61 61 12 63 31 70(251)
 72.2 5.5 59 59 28 28 73 40 44 19(36) 71 15 66 23
 64 11 70 30(109) 26 26 61 61 11 63 30 70(250)
 78.7 3.7 59 59 27 27 73 39 43 18(36) 71 14 66 22
 63 10 70 29(109) 25 25 61 61 9 63 30 70(250)
 85.3 2.4 59 59 26 26 74 38 43 16(37) 71 12 66 21
 66 9 70 27(105) 24 24 62 62 8 65 27 70(254)

 HA=193.9 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 6.8 6.1 6.5 6.5

HA=193.9 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=193.9 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=193.9 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

14.10.2003, 15:45:01

Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137612_tab.txt

H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer KS

 Outrigger width = 18.7 ft Outrigger length = 27.7 ft
 Outrigger "A" X = 12.0 ft Outrigger "A" Y = 9.4 ft
 Outrigger "B" X = 12.0 ft Outrigger "B" Y = -9.4 ft
 Outrigger "C" X = -15.7 ft Outrigger "C" Y = 9.4 ft
 Outrigger "D" X = -15.7 ft Outrigger "D" Y = -9.4 ft

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 40.7 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-0-0 % LK = 1

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)	2(...)	3(90)	4(...)	5(180)	6(...)	7(90)	8(0)				
	A	B	C	D	A	B	C	D	A	B	C	D
39.4 17.2	48	48	45	45	49	44	48	44(59)	49	43	49	45
	47	43	50	46(128)	44	44	49	49	43	47	46	50(232)
45.9 15.4	49	49	43	43	53	42	49	41(59)	52	39	51	42
	48	38	53	45(128)	41	41	50	50	38	48	45	53(232)
52.5 14.3	51	51	40	40	57	39	50	37(59)	55	35	54	39
	55	35	54	39(90)	39	39	52	52	35	55	39	54(270)

59.1	13.0	52	52	38	38	55	50	40	37(10)	58	32	56	36
		58	32	56	36(90)	37	37	54	54	32	58	36	56(270)
65.6	12.1	54	54	36	36	60	47	41	32(22)	61	28	58	33
		60	27	59	34(94)	35	35	56	56	27	60	34	59(265)
72.2	11.2	56	56	34	34	64	45	43	28(29)	64	24	61	31
		62	23	62	33(100)	32	32	57	57	23	61	33	63(259)
78.7	10.4	57	57	32	32	67	43	44	25(33)	66	21	63	28
		62	19	65	32(104)	31	31	59	59	19	62	32	65(255)
85.3	9.9	59	59	30	30	71	41	45	21(36)	70	18	65	26
		64	14	69	31(107)	28	28	61	61	14	64	31	69(252)
91.9	9.3	61	61	28	28	74	41	44	19(36)	72	15	67	23
		65	11	72	30(109)	26	26	62	62	11	65	30	72(250)
98.4	8.8	63	63	26	26	78	39	45	15(38)	75	11	70	21
		69	7	74	27(106)	24	24	64	64	7	69	27	74(253)
105.0	8.2	64	64	24	24	81	37	46	12(40)	78	9	71	19
		70	4	77	26(108)	23	23	66	66	4	69	27	77(251)

 HA= 40.7 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B C D	A B C D	A B C D	A B C D	A B C D							
39.4	17.2	48	48	45	45	49	44	48	44(59)	49	43	49	45
		47	43	50	46(128)	44	44	49	49	43	47	46	50(232)
45.9	15.9	50	50	43	43	54	42	49	40(59)	52	39	52	41
		49	37	53	45(128)	41	41	51	51	37	49	45	53(232)
52.5	14.6	51	51	40	40	57	39	50	36(59)	56	35	54	38
		56	35	54	38(90)	39	39	53	53	35	56	38	54(270)
59.1	13.7	53	53	38	38	57	49	41	35(15)	59	30	57	35
		59	30	57	35(90)	36	36	55	55	30	59	35	57(270)
65.6	12.6	55	55	36	36	61	47	42	31(24)	62	27	59	33
		61	26	60	34(96)	34	34	56	56	26	61	34	60(263)
72.2	11.7	56	56	34	34	65	45	43	27(30)	65	24	62	30
		62	22	63	33(101)	32	32	58	58	22	62	33	64(258)
78.7	11.0	58	58	32	32	69	43	44	24(34)	68	20	64	28
		63	17	67	32(105)	30	30	60	60	17	63	32	67(254)
85.3	10.4	60	60	30	30	73	41	45	21(37)	71	17	66	25
		65	13	70	31(108)	28	28	62	62	13	64	31	70(251)
91.9	9.7	61	61	28	28	76	40	45	18(37)	73	14	68	23
		65	10	73	30(110)	26	26	63	63	10	65	31	73(249)
98.4	9.0	63	63	26	26	78	39	45	15(38)	76	11	70	21
		69	7	74	27(106)	24	24	64	64	7	69	27	74(253)
105.0	8.2	63	63	25	25	80	37	46	13(39)	77	9	71	19
		70	5	76	26(107)	23	23	65	65	5	69	27	76(252)
111.5	7.1	63	63	24	24	81	37	45	12(39)	77	8	71	19
		70	4	76	26(107)	22	22	65	65	4	69	26	76(252)
118.1	6.2	64	64	23	23	82	36	46	11(40)	78	7	72	17
		70	2	77	25(108)	21	21	66	66	2	69	26	77(251)

 HA= 54.5 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.1 7.2

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D	
45.9	15.7	49	49	43	43	53	42	49	40	(59)	52	39	52	42
		48	38	53	45(128)	41	41	51	51		38	48	45	53(232)
52.5	14.6	51	51	40	40	57	39	50	36	(59)	56	35	54	38
		56	35	54	38(90)	39	39	53	53		35	56	38	54(270)
59.1	13.4	53	53	38	38	56	49	41	35	(14)	59	31	57	35
		59	31	57	35(90)	37	37	54	54		31	59	35	57(270)
65.6	12.3	54	54	36	36	60	47	42	32	(23)	62	28	59	33
		60	27	60	34(95)	34	34	56	56		27	60	34	60(264)
72.2	11.0	55	55	34	34	63	46	42	29	(27)	63	25	60	31
		61	24	62	33(99)	33	33	57	57		23	61	33	62(260)
78.7	10.1	57	57	33	33	66	43	43	26	(32)	65	22	62	29
		62	20	64	32(103)	31	31	58	58		20	62	33	65(256)
85.3	9.5	58	58	31	31	70	41	44	23	(35)	68	19	64	27
		63	16	67	31(106)	29	29	60	60		16	63	32	67(253)
91.9	8.6	59	59	29	29	72	40	45	21	(37)	70	17	65	25
		64	13	69	30(107)	28	28	61	61		13	64	31	69(252)
98.4	7.9	60	60	28	28	74	40	44	18	(36)	72	14	67	23
		65	10	71	30(109)	26	26	62	62		10	64	30	71(250)
105.0	7.5	62	62	26	26	77	38	45	15	(38)	75	11	69	21
		68	7	73	27(106)	24	24	64	64		7	68	27	73(253)
111.5	7.1	63	63	24	24	80	37	45	13	(39)	77	9	71	19
		70	4	76	26(107)	23	23	65	65		4	69	26	76(252)
118.1	6.2	63	63	24	24	81	36	46	11	(40)	78	8	71	18
		70	3	77	26(108)	22	22	65	65		3	69	26	77(251)
124.7	5.3	64	64	23	23	82	36	46	11	(40)	78	7	71	17
		70	2	77	25(108)	21	21	65	65		2	69	26	77(251)
131.2	4.6	64	64	22	22	83	35	45	9	(40)	79	5	72	16
		71	0	78	24(108)	20	20	66	66		0	70	25	78(251)

 HA= 68.6 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.2 7.2

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-100 % LK = 14
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		4(...)		5(180)		6(...)		
		A	B	C	D	A	B	C	D	A	B	C	D	
45.9	14.8	49	49	43	43	52	42	48	41	(59)	51	40	51	42
		47	39	52	45(128)	42	42	50	50		39	47	45	52(232)

52.5	13.2	50	50	41	41	54	40	49	38(59)	53	36	52	40
		48	35	54	44(128)	40	40	51	51	35	48	44	54(232)
59.1	11.9	51	51	39	39	57	38	50	35(59)	56	33	54	37
		56	33	54	37(90)	38	38	52	52	33	56	37	54(270)
65.6	10.8	52	52	37	37	55	49	40	35(13)	58	30	56	35
		58	30	56	35(90)	36	36	54	54	30	58	35	56(270)
72.2	9.7	53	53	36	36	58	47	41	32(21)	60	28	58	33
		59	27	58	34(93)	34	34	55	55	27	59	34	58(266)
78.7	8.8	54	54	34	34	62	45	41	29(26)	62	25	59	31
		60	24	61	33(98)	32	32	56	56	24	60	33	61(261)
85.3	8.2	56	56	32	32	65	43	43	26(31)	64	22	61	29
		61	20	63	32(102)	31	31	58	58	20	61	32	63(257)
91.9	7.5	57	57	31	31	68	41	43	23(34)	67	20	63	27
		62	17	66	31(105)	29	29	59	59	17	62	32	66(254)
98.4	6.8	58	58	30	30	70	40	44	21(36)	68	17	64	25
		63	14	68	31(107)	28	28	60	60	14	62	31	68(252)
105.0	6.4	60	60	28	28	73	40	44	19(36)	71	15	66	23
		64	11	70	30(109)	26	26	61	61	11	63	30	70(250)
111.5	6.0	61	61	26	26	75	39	44	16(37)	73	12	68	21
		67	9	72	27(105)	24	24	63	63	8	67	27	72(254)
118.1	5.5	62	62	25	25	78	37	45	14(39)	75	10	69	20
		68	6	74	26(107)	23	23	64	64	6	67	27	74(252)
124.7	5.1	63	63	24	24	80	36	45	11(40)	77	8	71	18
		69	3	76	26(108)	22	22	65	65	3	69	26	76(251)
131.2	4.6	64	64	22	22	83	35	45	9(40)	79	6	72	16
		70	0	78	24(108)	20	20	66	66	0	70	25	78(251)
137.8	3.7	64	64	22	22	83	34	46	9(41)	79	5	72	16
		70	0	78	24(109)	20	20	66	66	0	69	25	78(250)

HA= 70.2 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.2 7.3

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 82.3 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-45-90 % LK = 20

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
45.9	15.7	50	50	43	43	54	41	49	40(59)	52	38	52	41
		49	37	54	45(128)	41	41	51	51	37	49	45	54(232)
52.5	14.8	52	52	40	40	58	39	50	35(59)	56	34	55	38
		56	34	55	38(90)	38	38	53	53	34	56	38	55(270)
59.1	13.7	54	54	37	37	58	49	41	34(17)	60	30	58	35
		60	30	58	35(90)	36	36	55	55	30	60	35	58(269)
65.6	12.8	56	56	35	35	63	46	42	30(26)	63	26	60	32
		61	25	62	34(98)	34	34	57	57	25	61	34	62(261)
72.2	11.7	57	57	33	33	66	44	43	27(31)	65	23	62	30
		62	21	64	33(102)	32	32	58	58	21	62	33	64(257)
78.7	10.8	58	58	31	31	69	43	44	24(34)	68	20	64	27
		63	17	67	32(105)	30	30	60	60	17	63	32	67(254)
85.3	9.9	60	60	30	30	72	40	45	21(37)	70	17	65	25
		64	14	69	31(107)	28	28	61	61	14	64	31	69(252)

91.9	9.3	61	61	28	28	75	41	44	18(36)	73	14	67	23
		65	10	72	30(109)	26	26	63	63	10	65	30	72(250)
98.4	8.6	62	62	26	26	78	39	45	15(38)	75	12	69	21
		69	8	73	27(106)	24	24	64	64	8	68	28	74(253)
105.0	7.9	63	63	25	25	80	37	46	13(39)	77	9	71	19
		70	5	76	26(107)	23	23	65	65	5	69	27	76(252)
111.5	7.1	64	64	24	24	82	36	46	11(40)	78	8	72	18
		70	3	77	26(108)	22	22	66	66	3	69	26	77(251)
118.1	6.0	64	64	24	24	81	36	46	11(40)	78	7	71	18
		70	3	77	26(108)	22	22	65	65	2	69	26	77(251)
124.7	5.1	64	64	23	23	82	36	46	11(40)	78	7	72	17
		70	2	77	25(108)	21	21	66	66	2	69	26	77(251)
131.2	4.4	64	64	22	22	83	35	46	9(41)	79	5	72	16
		70	0	78	25(109)	20	20	66	66	0	69	25	78(250)
137.8	3.5	64	64	22	22	82	35	45	9(40)	79	5	72	16
		70	0	77	24(108)	20	20	66	66	0	70	25	78(251)
144.4	2.9	64	64	22	22	83	34	46	8(41)	79	4	72	15
		69	0	79	23(109)	19	19	66	66	0	68	24	79(250)

HA= 82.3 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.3 7.4

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 84.0 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-45-100 % LK = 21

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
45.9	15.0	49	49	43	43	52	42	49	41(59)	51	39	51	42
		48	38	52	45(128)	42	42	50	50	38	48	45	52(232)
52.5	13.4	50	50	41	41	56	40	49	37(59)	54	35	53	39
		54	35	53	39(90)	39	39	52	52	35	54	39	53(270)
59.1	12.3	52	52	39	39	53	50	40	37(7)	57	32	56	36
		57	32	56	36(90)	37	37	53	53	32	57	36	56(270)
65.6	11.2	53	53	37	37	58	48	41	33(19)	60	29	57	34
		59	29	58	34(91)	35	35	55	55	28	59	34	58(268)
72.2	10.4	55	55	35	35	62	46	42	30(26)	62	26	60	32
		60	24	61	33(98)	33	33	56	56	24	60	34	61(261)
78.7	9.3	56	56	33	33	64	44	43	27(30)	64	23	61	30
		61	21	63	32(101)	32	32	57	57	21	61	33	63(258)
85.3	8.6	57	57	32	32	67	42	43	24(33)	66	21	63	28
		62	18	65	32(104)	30	30	59	59	18	62	32	66(255)
91.9	7.9	58	58	30	30	71	41	44	21(36)	69	18	64	26
		63	15	68	31(107)	28	28	60	60	14	63	31	68(252)
98.4	7.5	60	60	28	28	73	40	44	19(36)	71	15	67	23
		64	11	71	30(109)	26	26	62	62	11	64	30	71(250)
105.0	6.8	61	61	27	27	76	39	44	16(37)	73	13	68	22
		67	9	72	27(105)	25	25	63	63	9	67	28	72(254)
111.5	6.4	62	62	25	25	79	37	45	14(39)	76	10	70	20
		69	6	74	26(107)	23	23	64	64	6	68	27	75(252)
118.1	6.0	63	63	24	24	81	36	46	11(40)	78	7	71	18
		70	3	77	26(108)	22	22	65	65	3	69	26	77(251)

124.7	5.1	64	64	23	23	82	36	46	11(40)	78	7	72	17
	70	2	77	25(108)		21	21	66	66	2	69	26	77(251)
131.2	4.4	64	64	22	22	83	35	45	9(40)	79	5	72	16
	70	0	78	24(108)		20	20	66	66	0	70	25	78(251)
137.8	3.5	64	64	22	22	82	35	45	9(40)	79	5	72	16
	70	0	77	24(108)		20	20	66	66	0	69	25	78(251)
144.4	2.9	64	64	22	22	83	34	46	8(41)	79	4	72	15
	69	0	79	23(109)		20	20	66	66	0	68	24	79(250)

 HA= 84.0 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.3 7.4

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
52.5	14.6	52	52	40	40	58	39	50	35(59)	57	34	55	38
		57	34	55	38(90)	38	38	53	53	34	57	38	55(270)
59.1	13.7	54	54	37	37	58	49	41	34(19)	60	30	58	35
		60	29	58	35(91)	36	36	55	55	29	60	35	58(268)
65.6	12.8	56	56	35	35	63	46	43	30(27)	63	26	61	32
		62	24	62	34(99)	33	33	57	57	24	61	34	62(260)
72.2	11.9	58	58	33	33	67	44	44	26(32)	67	22	63	29
		63	20	65	32(103)	31	31	59	59	20	63	33	65(256)
78.7	11.0	59	59	31	31	71	41	45	22(36)	69	19	65	26
		64	16	68	31(106)	29	29	61	61	16	64	32	68(253)
85.3	10.1	60	60	29	29	73	41	44	20(35)	72	16	67	24
		65	12	71	30(108)	27	27	62	62	12	65	31	71(251)
91.9	9.5	62	62	27	27	77	40	45	17(37)	74	13	69	22
		69	9	73	28(105)	26	26	63	63	9	68	28	73(254)
98.4	9.0	64	64	25	25	80	38	46	13(39)	77	10	71	19
		70	5	76	26(107)	23	23	65	65	5	69	27	76(252)
105.0	7.7	63	63	25	25	80	37	46	13(39)	77	9	71	19
		70	5	76	26(107)	23	23	65	65	5	69	26	76(252)
111.5	6.8	64	64	24	24	82	36	46	11(40)	78	8	72	18
		70	3	77	26(108)	22	22	66	66	3	69	26	77(251)
118.1	5.7	64	64	23	23	82	36	46	11(40)	78	7	71	18
		70	2	77	25(108)	22	22	65	65	2	69	26	77(251)
124.7	5.1	64	64	22	22	83	35	46	10(40)	79	6	72	16
		71	1	78	24(108)	21	21	66	66	1	70	25	78(251)
131.2	4.2	64	64	22	22	83	34	46	9(41)	79	5	72	16
		70	0	78	25(109)	20	20	66	66	0	69	25	78(250)
137.8	3.3	64	64	22	22	82	35	45	9(40)	79	5	72	16
		70	0	77	24(108)	20	20	66	66	0	69	24	78(251)
144.4	2.6	64	64	22	22	83	34	46	8(41)	79	4	72	15
		69	0	79	23(109)	19	19	66	66	0	68	24	79(250)

 HA= 96.5 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.3 7.4

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 100.4 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)				3(90)							
		4(...)				5(180)				6(...)							
A	B	C	D	A	B	C	D	A	B	C	D						
52.5	13.4	51	51	40	40	56	39	50	37(59)	54	35	54	39				
		54	35	54	39(90)	39	39	52	52	35	54	39	54(270)				
59.1	12.3	52	52	38	38	54	50	40	37(10)	58	32	56	36				
		58	32	56	36(90)	37	37	54	54	32	58	36	56(270)				
65.6	11.2	54	54	36	36	59	48	41	33(20)	60	28	58	34				
		60	28	58	34(93)	35	35	55	55	28	60	34	59(266)				
72.2	10.4	55	55	34	34	63	45	42	29(27)	63	25	60	31				
		61	24	62	33(99)	33	33	57	57	23	61	33	62(260)				
78.7	9.7	57	57	32	32	67	43	43	25(32)	66	22	62	29				
		62	19	65	32(103)	31	31	58	58	19	62	32	65(256)				
85.3	9.0	58	58	30	30	70	41	44	22(35)	69	19	64	26				
		63	15	68	31(106)	29	29	60	60	15	63	32	68(253)				
91.9	8.4	60	60	29	29	73	41	44	20(35)	71	16	66	24				
		65	12	70	30(108)	27	27	62	62	12	64	31	70(251)				
98.4	7.9	62	62	27	27	76	39	45	17(37)	74	13	68	22				
		68	9	72	27(105)	25	25	63	63	9	68	28	73(254)				
105.0	7.3	63	63	25	25	79	37	45	14(39)	76	10	70	20				
		69	6	75	27(107)	24	24	64	64	6	68	27	75(252)				
111.5	6.8	64	64	24	24	82	36	46	11(40)	78	7	72	18				
		70	3	77	26(108)	22	22	66	66	3	69	26	77(251)				
118.1	5.7	64	64	23	23	82	36	46	11(40)	78	7	72	17				
		70	2	77	25(108)	21	21	66	66	2	69	26	77(251)				
124.7	4.9	64	64	23	23	82	36	46	10(40)	78	6	72	17				
		70	2	77	25(108)	21	21	66	66	1	69	25	77(251)				
131.2	4.2	64	64	22	22	83	34	46	9(41)	79	5	72	16				
		70	0	78	25(109)	20	20	66	66	0	69	25	78(250)				
137.8	3.3	64	64	22	22	83	34	46	9(41)	79	5	72	16				
		69	0	78	24(109)	20	20	66	66	0	69	25	78(250)				
144.4	2.6	64	64	22	22	83	34	46	8(41)	79	4	72	15				
		69	0	79	23(109)	19	19	66	66	0	68	24	79(250)				

HA=100.4 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.3 7.4

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 110.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)				3(90)							
		4(...)				5(180)				6(...)							
A	B	C	D	A	B	C	D	A	B	C	D						
59.1	13.7	55	55	37	37	60	48	42	33(21)	61	29	59	34				
		60	28	59	35(94)	35	35	56	56	28	60	35	60(265)				
65.6	12.8	57	57	34	34	65	45	43	28(29)	65	25	61	31				
		62	23	63	33(101)	33	33	58	58	22	62	34	63(258)				

72.2	12.1	59	59	32	32	70	43	44	24(34)	68	21	64	28
		64	18	67	32(105)	30	30	60	60	18	63	32	67(254)
78.7	11.5	61	61	29	29	74	40	46	20(38)	72	17	67	25
		65	13	71	31(108)	28	28	62	62	13	65	31	71(251)
85.3	10.6	62	62	28	28	77	40	45	17(37)	74	14	69	22
		69	10	73	28(105)	26	26	64	64	10	68	28	73(254)
91.9	9.9	64	64	26	26	80	38	46	14(39)	77	11	71	20
		70	6	76	27(107)	24	24	65	65	6	69	27	76(252)
98.4	8.6	64	64	25	25	81	38	46	13(39)	78	9	71	19
		70	5	76	26(107)	23	23	65	65	5	70	27	76(252)
105.0	7.5	64	64	24	24	82	37	46	12(40)	78	8	72	18
		70	3	77	26(108)	22	22	66	66	3	69	26	77(251)
111.5	6.4	64	64	23	23	82	36	46	11(40)	78	7	72	17
		70	2	77	25(108)	22	22	66	66	2	70	26	77(251)
118.1	5.3	64	64	23	23	82	36	46	11(40)	78	7	72	17
		70	2	77	25(108)	21	21	66	66	2	69	26	77(251)
124.7	4.6	64	64	22	22	83	35	46	9(41)	79	5	73	16
		70	0	78	25(109)	20	20	66	66	0	69	25	79(250)
131.2	3.5	64	64	22	22	82	35	45	9(40)	78	6	72	16
		70	0	77	24(108)	20	20	66	66	0	69	25	77(251)
137.8	2.9	64	64	22	22	83	34	46	9(41)	79	4	72	15
		69	0	79	24(109)	20	20	66	66	0	68	24	79(250)

 HA=110.2 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.3 7.4

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 114.5 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-45-100-100 % LK = 37

Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B		C		D		
59.1	12.6	53	53	37	37	56	49	41	35(15)	59	30	57	35
		59	30	57	35(90)	36	36	55	55	30	59	35	57(270)
65.6	11.5	55	55	35	35	61	47	42	31(24)	62	27	59	32
		60	26	60	34(96)	34	34	56	56	26	60	34	60(263)
72.2	10.6	56	56	33	33	65	44	43	27(30)	65	23	61	30
		62	22	63	33(101)	32	32	58	58	21	62	33	63(258)
78.7	9.9	58	58	31	31	69	42	44	24(34)	68	20	64	27
		63	17	67	32(105)	30	30	60	60	17	63	32	67(254)
85.3	9.3	60	60	29	29	73	40	45	20(37)	71	17	66	25
		64	13	70	31(108)	28	28	61	61	13	64	31	70(251)
91.9	8.6	61	61	28	28	75	40	45	17(37)	73	14	68	22
		65	9	73	30(110)	26	26	63	63	9	65	30	73(249)
98.4	8.2	63	63	26	26	79	38	46	14(39)	76	10	70	20
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)
105.0	7.3	63	63	24	24	81	37	45	12(39)	78	9	71	19
		70	4	76	26(107)	22	22	65	65	4	69	26	76(252)
111.5	6.4	64	64	23	23	82	36	46	11(40)	78	7	72	17
		70	2	77	25(108)	22	22	66	66	2	70	26	77(251)
118.1	5.3	64	64	23	23	82	36	46	11(40)	78	7	72	17
		70	2	77	25(108)	21	21	66	66	2	69	26	77(251)

124.7 4.4 64 64 22 22 82 35 45 10(40) 79 6 72 17
 70 1 77 24(108) 21 21 66 66 1 70 25 78(251)
 131.2 3.5 64 64 22 22 82 35 45 9(40) 78 6 72 16
 70 0 77 24(108) 20 20 66 66 0 69 25 77(251)
 137.8 2.9 64 64 22 22 83 34 46 8(41) 79 4 72 15
 69 0 79 24(109) 20 20 66 66 0 68 24 79(250)

 HA=114.5 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.3 7.4

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 124.3 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
59.1	13.4	55	55	36	36	60	48	42	32(22)	62	28	59	34
		61	27	60	34(95)	35	35	56	56	27	60	35	60(264)
65.6	12.8	57	57	34	34	66	45	44	27(31)	66	24	62	30
		63	22	64	33(102)	32	32	59	59	21	62	33	64(257)
72.2	12.1	59	59	31	31	71	42	45	23(35)	69	20	65	27
		64	17	68	32(106)	30	30	61	61	16	64	32	68(253)
78.7	11.5	61	61	29	29	75	41	45	19(36)	73	16	68	24
		66	12	72	31(109)	27	27	63	63	11	65	31	72(250)
85.3	10.8	63	63	26	26	79	39	46	16(38)	76	12	70	21
		70	8	75	27(106)	25	25	65	65	8	69	28	75(253)
91.9	9.7	64	64	25	25	81	38	46	13(39)	78	10	71	19
		70	5	76	26(107)	24	24	66	66	5	70	27	76(252)
98.4	8.2	64	64	25	25	81	38	46	13(39)	78	9	71	19
		70	5	76	26(107)	23	23	65	65	4	70	26	76(252)
105.0	7.1	64	64	24	24	82	36	46	11(40)	78	8	72	18
		70	3	77	26(108)	22	22	66	66	3	69	26	77(251)
111.5	6.0	64	64	23	23	82	36	46	11(40)	78	7	72	17
		70	2	77	25(108)	21	21	66	66	2	70	26	77(251)
118.1	5.1	64	64	22	22	83	35	46	10(40)	79	6	72	16
		71	1	78	24(108)	21	21	66	66	0	70	25	78(251)
124.7	4.0	64	64	22	22	82	35	45	10(40)	79	6	72	16
		70	1	77	24(108)	20	20	66	66	0	70	25	78(251)
131.2	3.1	64	64	22	22	82	35	45	9(40)	78	5	72	16
		70	0	77	24(108)	20	20	66	66	0	69	25	78(251)
137.8	2.4	64	64	22	22	83	34	46	8(41)	79	4	72	15
		69	0	79	23(109)	19	19	66	66	0	68	23	79(250)

 HA=124.3 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.4 7.4

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 130.9 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)				

	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
65.6	11.5	55	55	35	35	62	46	42	30	(26)	63	26	60	32
	61	24	61	33	(98)	33	33	57	57	24	61	34	62(261)	
72.2	10.8	57	57	32	32	67	43	43	26	(32)	66	22	63	29
	63	19	65	32	(103)	31	31	59	59	19	62	32	65(256)	
78.7	10.1	59	59	30	30	71	41	45	22	(36)	70	18	65	26
	64	15	69	31	(107)	29	29	61	61	15	64	32	69(252)	
85.3	9.5	61	61	28	28	75	41	44	19	(36)	73	15	67	23
	65	11	72	30	(109)	26	26	63	63	11	65	31	72(250)	
91.9	8.8	62	62	26	26	78	39	45	15	(38)	75	12	69	21
	69	8	74	27	(106)	24	24	64	64	7	68	28	74(253)	
98.4	8.2	64	64	24	24	81	37	46	13	(39)	78	9	71	19
	70	4	76	26	(107)	23	23	66	66	4	70	26	77(252)	
105.0	7.1	64	64	24	24	82	36	46	11	(40)	78	7	72	18
	70	3	77	26	(108)	22	22	66	66	2	70	26	77(251)	
111.5	6.0	64	64	23	23	82	36	46	10	(40)	79	7	72	17
	70	2	77	25	(108)	21	21	66	66	2	70	26	78(251)	
118.1	4.9	64	64	23	23	82	35	46	10	(40)	79	6	72	17
	70	1	77	25	(108)	21	21	66	66	1	70	25	78(251)	
124.7	4.0	64	64	22	22	83	34	46	9	(41)	79	5	72	16
	70	0	78	25	(109)	20	20	66	66	0	69	25	78(250)	
131.2	3.1	64	64	22	22	83	34	46	9	(41)	79	5	72	16
	69	0	78	24	(109)	20	20	66	66	0	69	24	78(250)	
137.8	2.2	63	63	22	22	82	34	46	9	(41)	78	5	72	16
	69	0	78	24	(109)	20	20	66	66	0	68	24	78(250)	

HA=130.9 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.3 7.3

Main boom and fixed jib (jib angle 20.0 degrees)
Length of main boom = 138.1 ft Length of jib = 82.0 ft
Main boom sequence = 0-0-45-90-90-90 % LK = 54
Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)	2(...)	3(90)		1(0)	2(...)	3(90)							
	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
65.6	12.6	58	58	33	33	67	44	44	26	(32)	67	23	63	29
	63	20	65	33	(103)	32	32	59	59	20	63	33	65(256)	
72.2	12.1	60	60	30	30	73	41	45	21	(37)	71	18	66	26
	65	15	70	31	(107)	29	29	62	62	15	65	32	70(252)	
78.7	11.5	62	62	28	28	77	40	45	17	(37)	75	14	69	23
	67	10	74	30	(110)	26	26	64	64	9	66	31	74(249)	
85.3	10.4	63	63	26	26	80	39	46	15	(39)	77	11	71	21
	70	7	75	27	(107)	24	24	65	65	7	69	28	75(252)	
91.9	8.8	63	63	25	25	80	38	46	13	(39)	77	10	71	20
	70	6	76	27	(107)	24	24	65	65	5	69	27	76(252)	
98.4	7.5	64	64	24	24	81	37	46	12	(39)	78	9	71	19
	70	4	76	26	(107)	23	23	65	65	4	70	26	76(252)	
105.0	6.2	63	63	24	24	81	36	46	12	(40)	78	8	71	18
	69	3	76	26	(108)	22	22	65	65	3	69	26	77(251)	
111.5	5.1	63	63	23	23	81	36	46	11	(40)	78	7	71	17
	70	2	77	25	(108)	21	21	65	65	2	69	26	77(251)	

118.1 4.0 63 63 23 23 81 35 45 11(40) 78 7 71 17
 69 2 77 25(108) 21 21 65 65 2 69 25 77(251)
 124.7 3.1 63 63 22 22 82 35 45 10(40) 78 6 71 17
 69 1 77 24(108) 21 21 65 65 1 69 25 77(251)
 131.2 2.2 63 63 22 22 81 35 45 9(40) 78 6 71 16
 69 0 77 24(108) 20 20 65 65 0 69 25 77(251)

 HA=138.1 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 145.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.											
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)										
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D							
65.6	11.7	56	56	34	34	65	45	43	28(30)	65	24	61	30	62	22	63	33(101)	32	32	58	58	22	62	33	63(258)
72.2	10.8	58	58	32	32	69	43	44	24(34)	68	20	64	28	63	18	67	32(105)	30	30	60	60	17	63	32	67(254)
78.7	10.1	60	60	29	29	74	40	46	20(38)	71	17	66	25	65	13	70	31(108)	28	28	62	62	13	64	31	71(251)
85.3	9.5	62	62	27	27	77	40	45	17(37)	75	13	69	22	69	9	73	28(105)	25	25	64	64	9	68	28	73(254)
91.9	8.6	63	63	25	25	80	38	46	14(39)	77	10	71	20	69	6	75	27(107)	24	24	65	65	6	69	27	75(252)
98.4	7.3	63	63	25	25	80	37	45	13(39)	77	9	71	19	70	5	76	26(107)	23	23	65	65	4	69	26	76(252)
105.0	6.0	63	63	24	24	80	37	45	12(39)	77	8	71	19	70	4	76	26(107)	22	22	65	65	4	69	26	76(252)
111.5	4.9	63	63	24	24	81	36	46	11(40)	77	7	71	18	69	3	76	26(108)	22	22	65	65	3	69	26	76(251)
118.1	3.7	63	63	23	23	80	35	45	11(40)	77	7	71	17	69	2	76	25(108)	21	21	65	65	2	68	26	76(251)
124.7	2.9	63	63	23	23	81	35	45	10(40)	77	6	71	17	69	2	76	25(108)	21	21	65	65	1	69	25	76(251)

 HA=145.0 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 152.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.											
		1(0)		2(...)				3(90)		4(...)		5(180)			6(...)										
		A	B	C	D	A	B	C	D	A	B	C	D		A	B	C	D							
72.2	11.9	61	61	30	30	74	40	46	20(38)	72	17	67	25	65	13	71	31(108)	28	28	62	62	13	65	32	71(251)
78.7	11.2	63	63	27	27	78	40	46	16(38)	76	13	70	22	69	9	74	28(106)	26	26	64	64	9	69	28	74(253)

85.3	9.3	63	63	26	26	78	39	45	16(38)	75	12	69	21
		69	8	74	27(106)	25	25	64	64	8	68	28	74(253)
91.9	7.7	63	63	26	26	78	39	45	15(38)	76	11	70	20
		69	7	74	27(106)	24	24	64	64	7	69	27	74(253)
98.4	6.4	63	63	25	25	79	37	45	13(39)	76	10	70	19
		69	5	75	26(107)	23	23	64	64	5	68	27	75(252)
105.0	5.1	62	62	24	24	79	37	45	13(39)	76	9	70	19
		69	5	75	26(107)	22	22	64	64	4	68	26	75(252)
111.5	4.0	62	62	24	24	79	37	45	12(39)	76	8	70	18
		69	4	75	25(107)	22	22	64	64	4	68	26	75(252)
118.1	3.1	63	63	23	23	80	35	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	68	26	76(251)

HA=152.2 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.0 7.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 161.4 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-100-100-100-100 % LK = 63

Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
72.2	10.8	59	59	31	31	71	41	45	22(36)	69	19	65	26
		64	16	68	31(106)	29	29	61	61	15	64	32	69(253)
78.7	10.1	61	61	28	28	75	41	45	19(36)	73	15	68	23
		66	11	72	30(109)	27	27	63	63	11	65	31	72(250)
85.3	9.0	62	62	26	26	78	39	45	16(38)	75	12	69	21
		69	8	73	27(106)	25	25	64	64	8	68	28	74(253)
91.9	7.3	62	62	26	26	77	38	45	15(38)	75	11	69	21
		68	7	73	27(106)	24	24	64	64	7	68	27	73(253)
98.4	6.0	62	62	25	25	78	38	45	14(38)	75	10	69	20
		69	6	74	26(106)	24	24	64	64	6	68	27	74(253)
105.0	4.9	62	62	25	25	79	37	45	13(39)	76	9	70	19
		68	5	74	26(107)	23	23	64	64	5	68	26	75(252)
111.5	3.7	62	62	24	24	79	36	45	12(39)	76	8	70	19
		69	4	75	25(107)	22	22	64	64	4	68	26	75(252)
118.1	2.6	62	62	24	24	79	36	45	12(39)	76	8	70	18
		68	4	74	25(107)	22	22	64	64	4	68	26	75(252)

HA=161.4 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 6.9 6.9

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 166.0 ft Length of jib = 82.0 ft

Main boom sequence = 0-45-90-90-90-90 % LK = 68

Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D				
72.2	11.7	62	62	29	29	75	41	45	19(36)	73	16	68	24
		66	12	72	31(109)	27	27	63	63	11	65	31	72(250)

78.7	9.7	62	62	28	28	76	40	45	18(37)	74	14	68	23
		66	10	73	30(110)	26	26	63	63	10	65	31	73(249)
85.3	7.9	62	62	27	27	76	39	45	17(37)	74	13	68	22
		68	9	72	27(105)	25	25	63	63	9	68	28	72(254)
91.9	6.4	62	62	26	26	77	38	45	15(38)	74	12	69	21
		68	8	73	27(106)	24	24	63	63	8	67	27	73(253)
98.4	5.1	62	62	25	25	77	38	45	15(38)	75	11	69	20
		68	7	73	26(106)	24	24	63	63	6	67	27	73(253)
105.0	3.7	61	61	25	25	77	37	44	14(38)	74	10	69	20
		68	6	73	26(106)	23	23	63	63	6	67	26	73(253)
111.5	2.9	62	62	24	24	78	36	45	13(39)	75	9	69	19
		68	4	74	26(107)	22	22	64	64	4	67	26	74(252)

HA=166.0 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 6.9 6.9

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 175.5 ft Length of jib = 82.0 ft

Main boom sequence = 0-45-100-100-100-100 % LK = 69

Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
78.7	9.3	61	61	28	28	75	41	44	19(36)	73	15	67	23
		65	11	72	30(109)	26	26	63	63	11	65	30	72(250)
85.3	7.5	61	61	27	27	75	39	45	17(37)	73	13	68	22
		67	10	71	28(105)	26	26	63	63	10	67	28	72(254)
91.9	6.2	61	61	26	26	76	38	45	16(38)	74	12	68	21
		67	8	73	27(106)	24	24	63	63	8	67	28	73(253)
98.4	4.6	61	61	26	26	76	38	44	15(38)	73	11	68	21
		67	7	72	27(106)	24	24	63	63	7	67	27	72(253)
105.0	3.5	61	61	25	25	77	37	44	14(38)	74	10	68	20
		67	6	73	26(106)	23	23	63	63	6	67	26	73(253)
111.5	2.4	61	61	25	25	77	37	44	14(38)	74	9	68	19
		67	6	73	26(106)	22	22	63	63	5	67	26	73(253)

HA=175.5 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.8 6.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 180.1 ft Length of jib = 82.0 ft

Main boom sequence = 0-90-90-90-90-90 % LK = 73

Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)							
		4(...)				5(180)				6(...)			
		A	B	C	D	A	B	C	D	A	B	C	D
78.7	8.4	60	60	28	28	74	40	44	19(36)	72	15	67	24
		65	11	71	30(109)	26	26	62	62	11	64	31	71(250)
85.3	6.6	60	60	28	28	74	40	44	18(36)	72	14	67	22
		65	10	71	30(109)	26	26	62	62	10	64	30	72(250)
91.9	5.3	61	61	26	26	75	39	44	16(37)	73	12	68	21
		67	9	71	27(105)	24	24	63	63	8	67	27	72(254)

98.4 3.7 60 60 26 26 75 38 44 16(37) 73 12 67 21
 67 8 71 26(105) 24 24 62 62 8 66 27 71(254)
 105.0 2.6 60 60 25 25 76 37 44 15(38) 73 11 68 20
 67 7 72 26(106) 23 23 62 62 7 66 27 72(253)

 HA=180.1 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.0 6.2 6.7 6.7

HA=180.1 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Program L A M O S 9 9 Version 1.08 vom 29.09.02

14.10.2003, 15:45:01

Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137612_tab.txt

H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer KS

 Outrigger width = 18.7 ft Outrigger length = 27.7 ft
 Outrigger "A" X = 12.0 ft Outrigger "A" Y = 9.4 ft
 Outrigger "B" X = 12.0 ft Outrigger "B" Y = -9.4 ft
 Outrigger "C" X = -15.7 ft Outrigger "C" Y = 9.4 ft
 Outrigger "D" X = -15.7 ft Outrigger "D" Y = -9.4 ft

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 40.7 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-0-0 % LK = 1

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)	2(...)	3(90)	4(...)	5(180)	6(...)	7(90)	8(0)					
	A	B	C	D	A	B	C	D					
52.5	13.2	47	47	44	44	49	43	47	43(59)	49	41	49	43
		46	40	50	45(128)	43	43	48	48	40	46	45	50(232)
59.1	12.1	49	49	42	42	53	40	48	39(59)	52	37	51	40
		47	36	53	44(128)	40	40	50	50	36	47	44	53(232)
65.6	11.5	51	51	39	39	57	38	50	35(59)	55	33	54	37
		55	33	54	37(90)	38	38	52	52	33	55	37	54(270)
72.2	10.8	53	53	37	37	57	48	41	34(17)	59	29	57	34
		59	29	57	34(90)	35	35	54	54	29	59	34	57(269)

78.7 10.1 55 55 35 35 62 46 42 30(26) 62 26 59 32
 60 24 61 33(98) 33 33 56 56 24 60 33 61(261)
 85.3 9.5 56 56 32 32 66 43 43 26(32) 65 22 62 29
 62 20 64 32(103) 31 31 58 58 19 62 32 64(256)
 91.9 9.3 59 59 30 30 72 40 45 21(37) 70 17 65 25
 64 14 69 31(107) 28 28 61 61 14 64 31 69(252)
 98.4 8.8 61 61 27 27 76 40 45 17(37) 74 13 68 22
 68 10 72 28(105) 25 25 63 63 9 67 28 72(254)

 HA= 40.7 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.0 6.3 6.7 6.7

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees]) 3(90)	0-360 Degr.			
		1(0)		2(...)		5(180)		6(...)						
		A	B	C	D	A	B	C	D			A	B	C
52.5	13.2	47	47	44	44	49	43	47	43(59)	49	41	49	43	
		46	40	50	45(128)	43	43	48	48	40	46	45	50(232)	
59.1	12.3	49	49	41	41	53	40	49	39(59)	52	37	52	40	
		48	36	53	44(128)	40	40	50	50	36	48	44	53(232)	
65.6	11.7	51	51	39	39	58	38	50	35(59)	56	33	54	37	
		56	33	54	37(90)	37	37	52	52	33	56	37	54(270)	
72.2	11.0	53	53	37	37	57	48	41	34(17)	59	29	57	34	
		59	29	57	34(90)	35	35	54	54	29	59	34	57(269)	
78.7	10.4	55	55	35	35	62	46	42	30(26)	62	26	60	32	
		61	24	61	33(98)	33	33	56	56	24	60	33	61(261)	
85.3	9.9	57	57	32	32	67	43	43	25(32)	66	22	62	28	
		62	19	65	32(103)	31	31	59	59	19	62	32	65(256)	
91.9	9.5	59	59	30	30	71	41	45	21(36)	69	18	65	26	
		64	14	69	31(107)	28	28	61	61	14	63	31	69(252)	
98.4	9.0	61	61	28	28	75	40	45	18(37)	73	14	68	23	
		65	10	72	30(110)	26	26	63	63	10	65	30	73(249)	
105.0	8.6	63	63	25	25	80	38	46	14(39)	77	10	70	20	
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)	

 HA= 54.5 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.0 7.0

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 Counterweight = 35.9 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees]) 3(90)	0-360 Degr.			
		1(0)		2(...)		5(180)		6(...)						
		A	B	C	D	A	B	C	D			A	B	C
59.1	12.3	49	49	41	41	53	40	49	39(59)	52	37	52	40	
		48	36	53	44(128)	40	40	50	50	36	48	44	53(232)	
65.6	11.7	51	51	39	39	57	38	50	35(59)	56	33	54	37	
		56	33	54	37(90)	38	38	52	52	33	56	37	54(270)	

72.2	10.8	52	52	37	37	56	49	40	35(15)	58	30	56	35
		58	30	56	35(90)	35	35	54	54	30	58	35	56(270)
78.7	10.1	54	54	35	35	61	46	42	30(25)	62	26	59	32
		60	25	60	34(97)	33	33	56	56	25	60	34	60(262)
85.3	9.3	56	56	33	33	64	44	42	27(29)	64	23	61	30
		61	22	63	32(101)	32	32	57	57	21	61	33	63(258)
91.9	8.6	57	57	32	32	67	42	43	24(33)	66	21	63	28
		62	18	65	32(104)	30	30	59	59	18	62	32	65(255)
98.4	7.9	58	58	30	30	71	41	44	21(36)	69	18	64	26
		63	14	68	31(107)	28	28	60	60	14	63	31	68(252)
105.0	7.5	60	60	28	28	74	40	44	18(36)	72	14	67	23
		65	10	71	30(109)	26	26	62	62	10	64	30	71(250)
111.5	7.1	62	62	26	26	77	38	45	15(38)	75	11	69	21
		68	7	73	27(106)	24	24	64	64	7	68	27	73(253)
118.1	6.6	63	63	24	24	81	36	46	12(40)	77	8	71	18
		69	3	76	26(108)	22	22	65	65	3	69	26	77(251)

 HA= 68.6 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.1 7.1

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-100 % LK = 14
 Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	11.5	48	48	42	42	51	41	48	40(59)	50	38	50	41
		47	37	51	44(128)	41	41	49	49	37	47	44	51(232)
65.6	10.4	49	49	40	40	54	39	49	37(59)	52	35	52	39
		48	34	54	43(128)	39	39	51	51	34	48	43	54(232)
72.2	9.5	50	50	39	39	57	37	49	34(59)	55	32	54	37
		55	32	54	37(90)	37	37	52	52	32	55	37	54(270)
78.7	8.8	52	52	37	37	56	48	40	34(16)	58	29	56	34
		58	29	56	34(90)	35	35	54	54	29	58	34	56(270)
85.3	7.9	53	53	35	35	59	46	41	31(22)	60	26	58	32
		59	26	58	33(95)	33	33	55	55	26	59	33	59(264)
91.9	7.5	55	55	33	33	63	44	42	27(29)	63	23	60	30
		61	21	62	32(100)	31	31	57	57	21	60	32	62(259)
98.4	6.8	56	56	32	32	66	42	43	24(32)	65	21	62	28
		62	18	64	31(103)	30	30	58	58	18	61	32	64(256)
105.0	6.4	58	58	30	30	70	40	44	21(36)	68	18	64	26
		63	15	67	30(106)	28	28	60	60	14	62	31	67(253)
111.5	6.0	59	59	28	28	73	40	44	19(36)	71	15	66	23
		64	11	70	30(109)	26	26	61	61	11	63	30	70(250)
118.1	5.5	61	61	26	26	75	39	44	16(37)	73	12	68	21
		67	8	72	27(105)	24	24	63	63	8	67	27	72(254)

 HA= 70.2 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.0 6.2 6.7 6.7

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
	1(0)				2(...)				3(90)					
	4(...)				5(180)				6(...)					
A	B	C	D	A	B	C	D	A	B	C	D			
65.6	11.9	52	52	39	39	52	51	39	38	(3)	56	32	55	37
		56	32	55	37	(90)	37	37	53	53	32	56	37	55(270)
72.2	11.0	53	53	37	37	57	48	41	34	(18)	59	29	57	34
		59	29	57	34	(91)	35	35	55	55	29	59	34	58(268)
78.7	10.4	55	55	34	34	62	45	42	29	(27)	63	25	60	31
		61	24	61	33	(98)	33	33	57	57	24	61	33	61(261)
85.3	9.7	57	57	32	32	66	43	43	26	(32)	65	22	62	29
		62	20	64	32	(103)	31	31	58	58	19	62	32	65(256)
91.9	9.0	58	58	30	30	70	41	44	22	(35)	68	19	64	26
		63	16	67	31	(106)	29	29	60	60	16	63	32	67(253)
98.4	8.4	60	60	29	29	72	41	44	20	(35)	71	16	66	24
		64	12	70	30	(108)	27	27	61	61	12	64	31	70(251)
105.0	7.9	62	62	27	27	76	39	45	17	(37)	74	13	68	22
		68	9	72	27	(105)	25	25	63	63	9	68	28	72(254)
111.5	7.3	63	63	25	25	79	37	45	14	(39)	76	10	70	20
		69	6	75	27	(107)	23	23	64	64	6	68	27	75(252)
118.1	6.6	64	64	24	24	81	36	46	12	(40)	78	8	71	18
		70	3	77	26	(108)	22	22	65	65	3	69	26	77(251)
124.7	5.5	63	63	24	24	81	36	46	11	(40)	78	7	71	18
		69	2	77	25	(108)	22	22	65	65	2	69	26	77(251)
131.2	4.6	64	64	23	23	82	35	45	10	(40)	78	6	72	17
		70	1	77	25	(108)	21	21	66	66	1	69	25	77(251)

HA= 82.3 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.1 7.2

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 84.0 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-45-100 % LK = 21

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
	1(0)				2(...)				3(90)					
	4(...)				5(180)				6(...)					
A	B	C	D	A	B	C	D	A	B	C	D			
65.6	10.6	50	50	40	40	55	39	49	37	(59)	53	35	53	38
		53	35	53	38	(90)	38	38	51	51	35	53	38	53(270)
72.2	9.7	51	51	38	38	52	50	39	37	(5)	56	32	55	36
		56	32	55	36	(90)	36	36	53	53	32	56	36	55(270)
78.7	9.0	53	53	36	36	57	47	40	33	(19)	59	28	57	34
		59	28	57	34	(92)	34	34	54	54	28	58	34	58(267)
85.3	8.4	54	54	34	34	61	45	41	29	(26)	62	25	59	31
		60	24	60	33	(98)	32	32	56	56	24	60	33	61(261)
91.9	7.7	56	56	32	32	65	43	43	26	(31)	64	22	61	29
		61	20	63	32	(102)	31	31	57	57	20	61	32	63(257)
98.4	7.3	57	57	31	31	68	41	43	23	(34)	67	19	63	26
		63	16	66	31	(105)	29	29	59	59	16	62	31	66(254)
105.0	6.8	59	59	29	29	72	41	43	20	(35)	70	16	65	24
		64	12	69	30	(108)	27	27	61	61	12	63	30	69(251)

111.5	6.4	60	60	27	27	75	39	44	17(37)	73	13	67	22
		67	9	71	27(105)	25	25	62	62	9	67	28	71(254)
118.1	6.0	62	62	25	25	78	38	45	14(38)	75	10	69	20
		69	6	74	26(106)	23	23	64	64	6	68	26	74(253)
124.7	5.5	63	63	24	24	81	36	46	11(40)	78	7	71	18
		69	3	76	26(108)	22	22	65	65	2	69	26	77(251)
131.2	4.6	63	63	23	23	82	35	45	10(40)	78	6	72	17
		70	2	77	25(108)	21	21	65	65	1	69	25	77(251)

 HA= 84.0 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.1 7.1

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 96.5 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-90-90 % LK = 28

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		6(...)		
	A	B C D	A B C D	A B C D	A B C D	A B C D			
65.6	11.7	51 51 39 39	52 51 39 38(3)	56 32 55 37					
		56 32 55 37(90)	37 37 53 53	32 56 37 55(270)					
72.2	11.2	54 54 36 36	59 47 41 32(21)	60 28 58 34					
		60 28 58 34(93)	35 35 55 55	28 60 34 59(266)					
78.7	10.4	55 55 34 34	63 45 42 29(27)	63 25 60 31					
		61 23 62 33(99)	33 33 57 57	23 61 33 62(260)					
85.3	9.9	57 57 32 32	68 43 43 25(33)	67 21 63 28					
		63 19 65 32(104)	30 30 59 59	18 62 32 66(255)					
91.9	9.3	59 59 30 30	71 41 45 21(36)	69 18 65 26					
		64 15 69 31(107)	28 28 61 61	14 63 31 69(252)					
98.4	8.6	60 60 28 28	74 40 44 19(36)	72 15 67 23					
		65 11 71 30(109)	26 26 62 62	11 64 30 71(250)					
105.0	8.2	62 62 26 26	78 39 45 15(38)	75 11 69 21					
		69 7 73 27(106)	24 24 64 64	7 68 27 74(253)					
111.5	7.5	63 63 25 25	80 37 45 13(39)	77 9 71 19					
		70 5 76 26(107)	23 23 65 65	4 69 26 76(252)					
118.1	6.4	63 63 24 24	81 36 46 12(40)	77 8 71 18					
		69 4 76 26(108)	22 22 65 65	3 69 26 76(251)					
124.7	5.5	64 64 23 23	82 36 46 11(40)	78 7 72 17					
		70 2 77 25(108)	21 21 66 66	2 69 26 77(251)					
131.2	4.6	64 64 23 23	82 35 45 10(40)	78 6 72 17					
		70 1 77 25(108)	21 21 66 66	1 69 25 77(251)					
137.8	3.7	64 64 22 22	82 35 45 9(40)	79 6 72 16					
		70 0 77 24(108)	20 20 66 66	0 69 25 78(251)					
144.4	2.9	63 63 22 22	82 35 45 9(40)	78 5 72 16					
		70 0 77 24(108)	20 20 66 66	0 69 24 78(251)					

 HA= 96.5 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.2 7.2

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 100.4 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-100-100 % LK = 29

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.						
	1(0)				2(...)				3(90)										
	4(...)				5(180)				6(...)										
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D			
65.6	10.6	50	50	40	40	55	39	49	36	(59)	54	34	53	38					
		54	34	53	38	(90)	38	38	51	51		34	54	38	53	(270)			
72.2	9.9	52	52	37	37	54	49	39	36	(10)	57	31	56	35					
		57	31	56	35	(90)	36	36	53	53		31	57	35	56	(270)			
78.7	9.3	53	53	35	35	59	47	41	32	(22)	60	27	58	33					
		59	26	58	34	(94)	34	34	55	55		26	59	34	59	(265)			
85.3	8.6	55	55	34	34	63	45	42	28	(28)	63	24	60	30					
		61	22	62	33	(100)	32	32	57	57		22	60	33	62	(259)			
91.9	8.2	57	57	32	32	67	42	43	24	(33)	66	21	62	28					
		62	18	65	32	(104)	30	30	59	59		18	62	32	65	(255)			
98.4	7.5	58	58	30	30	70	40	44	21	(36)	68	18	64	26					
		63	15	67	31	(106)	28	28	60	60		15	63	31	68	(253)			
105.0	7.1	60	60	28	28	73	40	44	19	(36)	71	15	66	23					
		64	11	71	30	(109)	26	26	62	62		11	64	30	71	(250)			
111.5	6.8	62	62	26	26	77	38	45	15	(38)	75	11	69	21					
		68	7	73	27	(106)	24	24	64	64		7	68	27	73	(253)			
118.1	6.4	63	63	24	24	81	36	46	12	(40)	77	8	71	18					
		69	4	76	26	(108)	22	22	65	65		3	69	26	76	(251)			
124.7	5.5	64	64	23	23	82	36	46	11	(40)	78	7	72	17					
		70	2	77	25	(108)	21	21	66	66		2	69	26	77	(251)			
131.2	4.6	64	64	23	23	82	35	45	10	(40)	78	6	72	17					
		70	1	77	25	(108)	21	21	66	66		1	69	25	77	(251)			
137.8	3.7	64	64	22	22	82	35	45	9	(40)	78	6	72	16					
		70	1	77	24	(108)	20	20	66	66		0	69	25	77	(251)			
144.4	2.9	63	63	22	22	82	35	45	9	(40)	78	5	72	16					
		70	0	77	24	(108)	20	20	66	66		0	69	25	77	(251)			

HA=100.4 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.2 7.2

Main boom and fixed jib (jib angle 40.0 degrees)
Length of main boom = 110.2 ft Length of jib = 82.0 ft
Main boom sequence = 0-0-0-45-90-90 % LK = 36
Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.						
	1(0)				2(...)				3(90)										
	4(...)				5(180)				6(...)										
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D			
72.2	11.2	54	54	36	36	60	47	41	32	(23)	61	27	59	33					
		60	26	60	34	(95)	34	34	56	56		26	60	34	60	(264)			
78.7	10.6	56	56	33	33	65	44	43	27	(30)	65	24	61	30					
		62	22	63	33	(101)	32	32	58	58		21	62	33	63	(258)			
85.3	10.1	58	58	31	31	70	42	44	23	(35)	68	19	64	27					
		63	16	67	32	(106)	29	29	60	60		16	63	32	67	(253)			
91.9	9.5	60	60	29	29	73	41	44	20	(35)	71	16	66	24					
		65	12	70	30	(108)	27	27	62	62		12	64	31	71	(251)			
98.4	9.0	62	62	27	27	77	39	45	16	(38)	75	12	69	22					
		68	9	73	28	(106)	25	25	64	64		8	68	28	73	(253)			
105.0	8.4	63	63	25	25	80	38	46	13	(39)	77	9	71	19					
		70	5	76	26	(107)	23	23	65	65		5	69	27	76	(252)			

111.5	7.1	63	63	24	24	80	37	45	13(39)	77	9	71	19
		70	5	76	26(107)	23	23	65	65	4	69	26	76(252)
118.1	6.2	64	64	24	24	82	36	46	11(40)	78	7	71	18
		70	3	77	26(108)	22	22	66	66	2	69	26	77(251)
124.7	5.1	63	63	23	23	81	36	46	11(40)	78	7	71	17
		70	2	77	25(108)	21	21	65	65	2	69	26	77(251)
131.2	4.4	64	64	22	22	83	35	46	9(41)	79	5	72	16
		70	0	78	25(109)	20	20	66	66	0	69	25	78(250)
137.8	3.3	63	63	22	22	82	35	45	9(40)	78	6	72	16
		70	1	77	24(108)	20	20	66	66	0	69	25	77(251)
144.4	2.6	64	64	22	22	83	34	46	8(41)	79	4	72	15
		69	0	79	23(109)	19	19	66	66	0	68	24	79(250)

HA=110.2 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.3 7.4

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 114.5 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-45-100-100 % LK = 37

Counterweight = 35.9 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		A B C D		A B C D					
72.2	10.1	52	52	37	37	56	48	40	34(16)	58	29	57	34
		58	29	57	34(90)	35	35	54	54	29	58	34	57(270)
78.7	9.5	54	54	35	35	61	46	41	30(25)	62	26	59	32
		60	25	60	33(97)	33	33	56	56	24	60	33	60(262)
85.3	8.8	56	56	33	33	65	43	43	26(31)	65	22	61	29
		62	20	63	32(102)	31	31	58	58	20	61	32	64(257)
91.9	8.4	58	58	31	31	69	41	44	22(35)	68	19	64	26
		63	16	67	31(106)	29	29	60	60	16	63	32	67(253)
98.4	7.7	59	59	29	29	72	41	44	20(35)	70	16	66	24
		64	12	70	30(108)	27	27	61	61	12	63	31	70(251)
105.0	7.3	61	61	27	27	76	39	44	17(37)	73	13	68	22
		68	9	72	27(105)	25	25	63	63	9	67	28	72(254)
111.5	7.1	63	63	25	25	80	37	45	13(39)	77	9	71	19
		70	5	76	26(107)	23	23	65	65	4	69	26	76(252)
118.1	6.2	64	64	24	24	82	36	46	11(40)	78	7	71	18
		70	3	77	26(108)	22	22	66	66	2	69	26	77(251)
124.7	5.3	64	64	23	23	82	36	46	10(40)	79	6	72	17
		70	1	77	25(108)	21	21	66	66	1	70	25	78(251)
131.2	4.4	64	64	22	22	83	35	46	9(41)	79	5	72	16
		70	0	78	25(109)	20	20	66	66	0	69	25	78(250)
137.8	3.5	64	64	22	22	83	34	46	9(41)	79	5	72	16
		69	0	78	24(109)	20	20	66	66	0	69	24	79(250)
144.4	2.6	64	64	22	22	83	34	46	9(41)	79	4	72	15
		69	0	78	24(109)	20	20	66	66	0	68	24	79(250)

HA=114.5 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.3 7.3

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 124.3 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-90-90-90 % LK = 45

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
72.2	11.0	54	54	35	35	60	47	42	31(24)	61	27	59	33
		60	26	60	34(96)	34	34	56	56	26	60	34	60(263)
78.7	10.6	57	57	33	33	66	44	43	26(31)	65	23	62	29
		62	21	64	32(102)	31	31	58	58	20	62	33	64(257)
85.3	10.1	59	59	30	30	71	41	45	22(36)	69	19	65	26
		64	15	68	32(107)	29	29	61	61	15	63	32	69(252)
91.9	9.5	61	61	28	28	74	41	44	19(36)	72	15	67	24
		65	11	71	30(109)	27	27	62	62	11	65	31	72(250)
98.4	9.0	63	63	26	26	78	39	45	15(38)	76	11	70	21
		69	7	74	27(106)	24	24	64	64	7	69	27	74(253)
105.0	7.9	63	63	25	25	80	38	46	13(39)	77	10	71	19
		69	5	75	26(107)	23	23	65	65	5	69	27	76(252)
111.5	6.8	63	63	24	24	81	37	45	12(39)	77	8	71	19
		70	4	76	26(107)	22	22	65	65	4	69	26	76(252)
118.1	5.7	63	63	24	24	81	36	46	11(40)	78	7	71	18
		69	3	77	26(108)	22	22	65	65	3	69	26	77(251)
124.7	4.9	64	64	23	23	82	36	46	10(40)	78	6	72	17
		70	2	77	25(108)	21	21	66	66	1	69	25	77(251)
131.2	4.0	64	64	22	22	82	35	45	9(40)	79	6	72	16
		70	0	77	24(108)	20	20	66	66	0	70	25	78(251)
137.8	3.1	64	64	22	22	83	34	46	9(41)	79	5	72	16
		69	0	78	24(109)	20	20	66	66	0	69	25	78(250)
144.4	2.2	63	63	22	22	82	34	46	9(41)	78	5	72	16
		69	0	78	24(109)	20	20	66	66	0	68	24	78(250)

HA=124.3 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.3 7.3

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 130.9 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-100-100-100 % LK = 46

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
78.7	9.5	55	55	34	34	62	45	42	29(27)	63	25	60	31
		61	23	61	33(99)	32	32	57	57	23	60	33	62(260)
85.3	8.8	57	57	32	32	66	43	43	25(32)	65	21	62	28
		62	19	65	32(103)	30	30	58	58	19	62	32	65(256)
91.9	8.4	59	59	30	30	71	41	44	21(36)	69	18	65	26
		63	14	68	31(107)	28	28	60	60	14	63	31	68(252)
98.4	7.9	61	61	28	28	74	40	44	18(36)	72	14	67	23
		65	10	72	30(109)	26	26	62	62	10	65	30	72(250)
105.0	7.5	62	62	26	26	78	38	45	15(38)	75	11	70	20
		69	7	74	26(106)	24	24	64	64	7	68	27	74(253)
111.5	6.8	63	63	24	24	81	36	46	12(40)	78	8	71	18
		70	4	76	26(108)	22	22	65	65	3	69	26	77(251)

118.1 5.7 63 63 24 24 81 36 46 11(40) 78 7 71 18
 70 3 77 26(108) 22 22 65 65 2 69 26 77(251)
 124.7 4.9 64 64 23 23 82 35 46 10(40) 78 6 72 17
 70 1 77 25(108) 21 21 66 66 1 70 25 77(251)
 131.2 4.0 64 64 22 22 83 35 45 9(40) 79 5 72 16
 70 0 78 24(108) 20 20 66 66 0 70 25 78(251)
 137.8 3.1 64 64 22 22 83 34 46 9(41) 79 5 72 16
 69 0 78 24(109) 20 20 66 66 0 69 24 79(250)

 HA=130.9 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.3 7.3

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 35.9 kip

 Radius Cap. Outrigger Loadin[kip] (Pos.[Degrees]) 0-360 Degr.
 [ft] [kip] 1(0) 2(...) 3(90)
 4(...) 5(180) 6(...)
 A B C D A B C D A B C D
 78.7 10.6 58 58 32 32 68 43 44 25(33) 67 21 63 28
 63 19 65 32(104) 31 31 59 59 19 62 32 66(255)
 85.3 10.1 60 60 30 30 73 41 45 21(37) 71 17 66 25
 64 13 70 31(108) 28 28 62 62 13 64 31 70(251)
 91.9 9.7 62 62 27 27 77 40 45 17(37) 75 13 69 22
 69 9 73 28(105) 25 25 64 64 9 68 28 73(254)
 98.4 9.0 64 64 25 25 81 38 46 13(39) 78 10 71 19
 70 5 76 26(107) 23 23 65 65 5 70 27 76(252)
 105.0 7.5 63 63 25 25 80 37 45 13(39) 77 9 71 19
 70 5 76 26(107) 23 23 65 65 4 69 26 76(252)
 111.5 6.4 64 64 24 24 81 36 46 11(40) 78 8 71 18
 70 3 77 26(108) 22 22 65 65 3 69 26 77(251)
 118.1 5.3 64 64 23 23 82 36 46 11(40) 78 7 72 17
 70 2 77 25(108) 21 21 66 66 2 69 26 77(251)
 124.7 4.2 63 63 23 23 82 35 45 10(40) 78 6 72 17
 70 2 77 25(108) 21 21 65 65 1 69 25 77(251)
 131.2 3.3 64 64 22 22 82 35 45 9(40) 78 6 72 16
 70 0 77 24(108) 20 20 66 66 0 69 25 77(251)
 137.8 2.4 63 63 22 22 82 35 45 9(40) 78 5 72 16
 70 0 77 24(108) 20 20 66 66 0 69 24 78(251)

 HA=138.1 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.2 7.2

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 35.9 kip

 Radius Cap. Outrigger Loadin[kip] (Pos.[Degrees]) 0-360 Degr.
 [ft] [kip] 1(0) 2(...) 3(90)
 4(...) 5(180) 6(...)
 A B C D A B C D A B C D
 78.7 9.5 56 56 34 34 64 45 42 28(29) 64 24 61 30
 61 22 63 33(101) 32 32 57 57 22 61 33 63(258)

85.3	8.8	58	58	31	31	68	42	44	24(34)	67	20	63	27
		63	17	66	32(105)	30	30	59	59	17	62	32	66(254)
91.9	8.4	60	60	29	29	72	41	44	20(35)	71	16	66	24
		64	13	70	30(108)	27	27	61	61	12	64	31	70(251)
98.4	7.9	62	62	27	27	77	39	45	16(37)	74	13	69	22
		68	9	73	27(105)	25	25	63	63	9	68	28	73(254)
105.0	7.5	63	63	24	24	80	37	45	13(39)	77	9	71	19
		70	4	76	26(107)	23	23	65	65	4	69	26	76(252)
111.5	6.2	63	63	24	24	80	37	45	12(39)	77	8	71	18
		70	4	76	26(107)	22	22	65	65	4	69	26	76(252)
118.1	5.1	63	63	24	24	81	36	46	11(40)	78	7	71	18
		69	3	76	25(108)	22	22	65	65	2	69	26	77(251)
124.7	4.0	63	63	23	23	81	35	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	69	26	76(251)
131.2	3.1	63	63	23	23	81	35	45	10(40)	78	6	71	17
		69	1	77	25(108)	21	21	65	65	1	69	25	77(251)
137.8	2.2	63	63	22	22	81	35	45	10(40)	78	6	71	16
		69	1	77	24(108)	20	20	65	65	1	69	25	77(251)

HA=145.0 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.1 7.1

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 152.2 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-90-90-90-90 % LK = 62

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
85.3	10.1	61	61	29	29	74	41	45	19(36)	72	16	67	24
		65	12	71	31(109)	27	27	62	62	12	65	31	71(250)
91.9	9.7	63	63	26	26	79	39	45	15(38)	76	11	70	21
		69	7	74	27(106)	25	25	65	65	7	69	28	75(253)
98.4	8.2	63	63	26	26	79	38	46	14(39)	76	10	70	20
		69	6	75	27(107)	24	24	65	65	6	69	27	75(252)
105.0	6.6	63	63	25	25	79	37	45	14(39)	76	10	70	20
		69	6	75	26(107)	23	23	64	64	6	68	27	75(252)
111.5	5.5	63	63	24	24	80	37	45	13(39)	77	9	70	19
		69	4	75	26(107)	22	22	65	65	4	69	26	75(252)
118.1	4.4	63	63	24	24	80	37	45	12(39)	77	8	71	18
		69	3	75	25(107)	22	22	65	65	3	69	26	76(252)
124.7	3.3	63	63	23	23	80	35	45	11(40)	77	7	71	18
		69	3	76	25(108)	21	21	65	65	2	68	26	76(251)
131.2	2.4	63	63	23	23	80	35	45	11(40)	77	6	71	17
		69	2	76	25(108)	21	21	65	65	2	68	25	76(251)

HA=152.2 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.0 7.1

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 161.4 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-100-100-100-100 % LK = 63

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.						
	1(0)				2(...)				3(90)						
	4(...)				5(180)				6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D			
85.3	8.8	58	58	30	30	70	41	44	22	(35)	69	19	64	26	
		63	15	68	31	(106)	29	29	60	60		15	63	32	68
91.9	8.4	61	61	28	28	74	40	44	18	(36)	72	15	67	23	
		65	11	71	30	(109)	26	26	62	62		10	65	30	72
98.4	7.7	62	62	26	26	78	39	45	15	(38)	75	11	69	21	
		69	7	74	27	(106)	24	24	64	64		7	68	27	74
105.0	6.4	62	62	25	25	78	37	45	14	(39)	75	10	70	20	
		68	6	74	27	(107)	23	23	64	64		6	68	27	74
111.5	5.1	62	62	25	25	78	37	45	13	(39)	75	10	69	19	
		68	5	74	26	(107)	23	23	64	64		5	68	27	74
118.1	4.0	62	62	24	24	78	37	45	13	(39)	75	9	70	19	
		68	4	74	26	(107)	22	22	64	64		4	68	26	75
124.7	3.1	62	62	24	24	79	36	45	12	(39)	76	8	70	18	
		69	3	75	25	(107)	22	22	64	64		3	68	26	75

HA=161.4 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 7.0 7.0

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 166.0 ft Length of jib = 82.0 ft

Main boom sequence = 0-45-90-90-90-90 % LK = 68

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.						
	1(0)				2(...)				3(90)						
	4(...)				5(180)				6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D			
85.3	10.1	62	62	28	28	76	40	45	18	(37)	74	14	68	23	
		66	10	73	30	(110)	26	26	63	63		10	65	31	73
91.9	8.4	62	62	27	27	76	39	45	17	(37)	74	13	68	22	
		68	9	72	27	(105)	25	25	63	63		9	68	28	73
98.4	6.8	62	62	26	26	77	38	45	16	(38)	74	12	69	21	
		68	8	73	27	(106)	24	24	63	63		8	67	28	73
105.0	5.5	62	62	26	26	77	38	45	15	(38)	75	11	69	20	
		68	7	73	26	(106)	24	24	63	63		7	67	27	73
111.5	4.2	61	61	25	25	77	37	44	14	(38)	74	10	69	20	
		68	6	73	26	(106)	23	23	63	63		6	67	26	73
118.1	3.1	61	61	25	25	77	37	44	13	(38)	75	9	69	19	
		68	5	73	26	(106)	22	22	63	63		5	67	26	73

HA=166.0 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.8 6.8

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 175.5 ft Length of jib = 82.0 ft

Main boom sequence = 0-45-100-100-100-100 % LK = 69

Counterweight = 35.9 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)				3(90)			
	4(...)				5(180)				6(...)			
	A	B	C	D	A	B	C	D	A	B	C	D

91.9 8.2 61 61 27 27 76 39 45 17(37) 73 13 68 22
 68 10 72 28(105) 25 25 63 63 9 67 28 72(254)
 98.4 6.6 61 61 26 26 76 39 44 16(37) 74 12 68 21
 68 9 72 27(105) 25 25 63 63 8 67 27 72(254)
 105.0 5.3 61 61 26 26 77 38 45 15(38) 74 11 68 21
 68 7 73 27(106) 24 24 63 63 7 67 27 73(253)
 111.5 4.0 61 61 25 25 77 37 44 15(38) 74 11 68 20
 67 7 73 26(106) 23 23 63 63 6 67 27 73(253)
 118.1 2.9 61 61 25 25 77 37 44 14(38) 74 10 68 20
 67 6 73 26(106) 23 23 63 63 6 67 26 73(253)

 HA=175.5 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.1 6.3 6.8 6.8

HA=175.5 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Program L A M O S 9 9 Version 1.08 vom 29.09.02

14.10.2003, 15:45:01

Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137612_tab.txt

H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer KS

 Outrigger width = 18.7 ft Outrigger length = 27.7 ft
 Outrigger "A" X = 12.0 ft Outrigger "A" Y = 9.4 ft
 Outrigger "B" X = 12.0 ft Outrigger "B" Y = -9.4 ft
 Outrigger "C" X = -15.7 ft Outrigger "C" Y = 9.4 ft
 Outrigger "D" X = -15.7 ft Outrigger "D" Y = -9.4 ft

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 40.7 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-0-0 % LK = 1

Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		4(...)		
	4(...)		5(180)		6(...)				
	A	B	C	D	A	B	C	D	

16.4	27.1	44	44	52	52	41	51	46	54(59)	42	54	44	53
		45	54	43	50(128)	51	51	45	45	54	45	50	43(232)
19.7	26.5	46	46	50	50	45	49	47	51(59)	45	50	47	50
		47	50	46	49(128)	49	49	47	47	50	47	49	46(232)
23.0	25.1	47	47	48	48	48	47	48	48(59)	48	47	48	48
		47	47	49	48(127)	47	47	48	48	47	47	48	49(232)
26.2	24.0	49	49	46	46	51	45	49	45(59)	50	44	50	45
		48	43	51	47(128)	45	45	50	50	43	48	47	51(232)
29.5	22.7	50	50	44	44	53	43	49	42(59)	52	41	52	43
		49	40	53	46(128)	43	43	51	51	40	49	46	53(232)
32.8	21.6	51	51	43	43	56	42	50	39(59)	54	38	53	41
		50	37	55	45(128)	41	41	52	52	37	50	45	55(232)
39.4	19.4	53	53	39	39	54	52	40	39(4)	58	34	56	37
		58	34	56	37(90)	38	38	54	54	34	58	37	56(270)
45.9	17.2	54	54	37	37	58	49	41	34(18)	60	30	58	35
		60	30	58	35(91)	36	36	55	55	29	60	35	58(268)
52.5	15.9	56	56	35	35	63	46	43	29(27)	63	26	60	32
		62	24	62	34(99)	33	33	57	57	24	61	34	62(260)
59.1	14.3	57	57	33	33	67	43	43	26(32)	66	22	62	29
		62	20	65	32(103)	31	31	59	59	20	62	33	65(256)
65.6	12.8	58	58	31	31	69	42	44	23(34)	67	20	63	27
		63	17	67	32(105)	30	30	60	60	17	63	32	67(254)
72.2	11.9	59	59	29	29	72	40	45	20(37)	70	17	65	25
		64	13	69	31(108)	28	28	61	61	13	63	31	70(251)
78.7	11.0	61	61	28	28	75	39	45	17(37)	73	14	67	22
		65	9	72	30(110)	26	26	62	62	9	64	30	72(249)
85.3	10.4	62	62	26	26	78	38	45	15(38)	75	11	69	20
		69	7	74	26(106)	24	24	64	64	7	68	27	74(253)
91.9	9.5	63	63	24	24	80	37	45	13(39)	77	9	71	19
		69	4	75	26(107)	22	22	65	65	4	69	26	76(252)
98.4	8.2	63	63	24	24	80	37	45	12(39)	77	8	70	18
		69	4	75	25(107)	22	22	65	65	3	69	26	75(252)
105.0	7.1	63	63	23	23	80	35	45	11(40)	77	7	70	18
		69	3	75	25(108)	21	21	65	65	2	68	26	76(251)

HA= 40.7 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.0 7.0

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 54.5 ft Length of jib = 82.0 ft
Main boom sequence = 0-0-0-0-0-45 % LK = 7
Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		6(...)		
	A	B	C	D	A	B	C	D	
19.7 25.1	45	45	50	50	43	49	47	51(59)	44 50 46 50
	46	51	45	49(128)	49	49	46	46	51 46 49 45(232)
23.0 24.7	47	47	48	48	47	47	48	48(59)	47 47 48 48
	47	47	48	48(127)	47	47	48	48	47 47 48 48(232)
26.2 23.6	49	49	46	46	50	45	49	45(59)	50 44 50 45
	48	43	50	47(128)	45	45	49	49	43 48 47 50(232)
29.5 22.7	50	50	44	44	53	43	49	42(59)	52 41 52 43
	49	40	53	46(128)	43	43	51	51	40 49 46 53(232)

32.8	21.8	51	51	42	42	56	42	50	39(59)	54	38	54	41
		50	37	55	45(128)	41	41	52	52	37	50	45	55(232)
39.4	19.8	53	53	39	39	55	52	41	38(7)	58	33	56	37
		58	33	56	37(90)	38	38	54	54	33	58	37	56(270)
45.9	18.1	55	55	37	37	60	48	42	33(22)	62	29	59	34
		61	28	60	35(94)	35	35	56	56	28	61	35	60(265)
52.5	16.3	56	56	34	34	64	45	43	29(29)	64	25	61	31
		62	23	63	33(100)	33	33	58	58	23	62	34	63(259)
59.1	15.2	58	58	32	32	69	43	44	24(34)	68	21	64	28
		63	18	67	32(105)	30	30	60	60	18	63	33	67(254)
65.6	13.9	60	60	30	30	72	41	45	21(36)	70	18	65	26
		64	15	69	31(107)	28	28	61	61	14	64	32	69(252)
72.2	12.8	61	61	28	28	75	41	44	19(36)	73	15	67	23
		65	11	72	30(109)	26	26	62	62	11	65	31	72(250)
78.7	11.7	62	62	27	27	77	39	45	16(38)	74	12	69	21
		68	8	73	27(106)	25	25	63	63	8	68	28	73(253)
85.3	10.8	63	63	25	25	80	37	45	13(39)	77	10	70	19
		69	5	75	26(107)	23	23	65	65	5	69	27	75(252)
91.9	9.3	63	63	24	24	79	37	45	13(39)	76	9	70	19
		69	5	75	26(107)	23	23	65	65	4	68	26	75(252)
98.4	8.2	63	63	24	24	80	37	45	12(39)	77	8	71	18
		69	3	75	25(107)	22	22	65	65	3	69	26	76(252)
105.0	7.1	63	63	23	23	80	35	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	68	26	76(251)
111.5	6.2	63	63	23	23	81	35	45	10(40)	77	6	71	17
		69	1	76	25(108)	21	21	65	65	1	69	25	76(251)
118.1	5.3	63	63	22	22	81	35	45	10(40)	77	6	71	16
		69	1	76	24(108)	20	20	65	65	1	68	25	77(251)

 HA= 54.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.1 7.1

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
23.0	22.9	46	46	48	48	45	47	47	49(59)	46	48	47	48
		46	48	47	48(127)	47	47	47	47	48	46	48	47(232)
26.2	22.5	48	48	46	46	49	45	48	45(59)	49	44	49	46
		47	44	50	47(128)	45	45	49	49	44	47	47	50(232)
29.5	21.8	49	49	44	44	52	43	49	43(59)	51	41	51	43
		48	41	52	46(128)	43	43	50	50	41	48	46	52(232)
32.8	21.2	51	51	43	43	55	42	50	40(59)	54	38	53	41
		49	37	55	45(128)	41	41	52	52	37	49	45	55(232)
39.4	19.4	53	53	39	39	54	52	40	39(5)	58	33	56	37
		58	33	56	37(90)	38	38	54	54	33	58	37	56(270)
45.9	17.6	54	54	37	37	60	48	42	33(21)	61	29	59	34
		61	29	59	35(93)	35	35	56	56	28	60	35	59(266)
52.5	15.9	56	56	35	35	63	46	43	29(28)	64	25	61	32
		62	24	62	34(99)	33	33	57	57	24	61	34	62(260)

59.1	14.1	57	57	33	33	66	44	43	26(31)	65	22	62	29
		62	20	64	33(103)	31	31	58	58	20	62	33	65(256)
65.6	13.0	58	58	31	31	70	42	44	23(35)	68	19	64	27
		63	16	67	32(106)	29	29	60	60	16	63	32	67(253)
72.2	11.9	60	60	29	29	73	40	45	20(37)	70	16	66	24
		64	13	70	30(108)	27	27	61	61	13	64	31	70(251)
78.7	10.6	60	60	28	28	74	40	44	18(36)	72	15	67	23
		65	10	71	30(109)	26	26	62	62	10	64	30	71(250)
85.3	9.5	61	61	27	27	75	39	44	16(37)	73	13	68	22
		67	9	71	27(105)	25	25	63	63	9	67	27	72(254)
91.9	8.8	62	62	25	25	78	38	45	14(38)	75	10	69	20
		69	6	74	26(106)	23	23	64	64	6	68	26	74(253)
98.4	7.9	63	63	24	24	79	37	45	12(39)	76	8	70	18
		69	4	75	25(107)	22	22	65	65	4	68	26	75(252)
105.0	7.1	63	63	23	23	81	35	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	68	26	76(251)
111.5	6.0	63	63	23	23	80	35	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	68	25	76(251)
118.1	5.3	63	63	22	22	81	35	45	9(40)	78	5	71	16
		69	0	77	24(108)	20	20	65	65	0	69	25	77(251)
124.7	4.6	63	63	22	22	82	34	45	8(41)	78	4	72	15
		68	0	78	23(109)	19	19	65	65	0	67	24	78(250)
131.2	3.7	63	63	22	22	81	34	45	9(40)	78	4	71	15
		69	0	77	23(108)	19	19	65	65	0	68	23	77(251)

 HA= 68.6 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.3 7.3

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-100 % LK = 14
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)								
	4(...)	5(180)	6(...)										
A B C D	A B C D	A B C D	A B C D										
23.0	22.7	46	46	48	48	45	47	47	49(59)	45	48	47	48
		46	48	46	48(127)	47	47	47	47	48	46	48	46(232)
26.2	22.3	48	48	46	46	49	45	48	45(59)	48	44	49	46
		47	44	49	47(128)	45	45	49	49	44	47	47	49(232)
29.5	21.6	49	49	44	44	52	44	49	43(59)	51	41	51	44
		48	41	52	46(128)	43	43	50	50	41	48	46	52(232)
32.8	20.3	50	50	43	43	54	42	49	40(59)	53	39	52	42
		49	38	54	45(128)	42	42	51	51	38	49	45	54(232)
39.4	18.1	52	52	40	40	58	39	50	36(59)	56	35	55	38
		56	35	55	38(90)	39	39	53	53	35	56	38	55(270)
45.9	16.3	53	53	38	38	56	49	41	35(14)	59	30	57	35
		59	30	57	35(90)	36	36	54	54	30	59	35	57(270)
52.5	14.3	54	54	36	36	60	47	41	32(22)	61	28	58	33
		60	27	59	34(94)	34	34	56	56	27	60	34	59(265)
59.1	12.3	54	54	34	34	61	45	42	29(26)	62	25	59	31
		60	24	61	33(98)	33	33	56	56	24	60	33	61(261)
65.6	11.2	56	56	33	33	65	43	43	26(31)	64	22	61	29
		61	20	63	32(102)	31	31	58	58	20	61	32	63(257)

72.2	10.4	57	57	31	31	68	41	43	23(34)	67	19	63	27
		62	17	66	31(105)	29	29	59	59	16	62	31	66(254)
78.7	9.3	58	58	29	29	70	40	44	21(36)	68	17	64	25
		63	14	67	30(107)	28	28	60	60	14	62	31	68(252)
85.3	8.2	58	58	28	28	71	40	43	20(35)	69	16	65	24
		63	12	69	30(108)	26	26	60	60	12	62	30	69(251)
91.9	7.7	60	60	27	27	74	39	44	17(37)	72	13	67	22
		66	9	71	27(105)	25	25	62	62	9	66	27	71(254)
98.4	7.1	61	61	25	25	76	37	44	15(38)	73	11	68	20
		67	7	72	26(106)	23	23	63	63	6	67	27	73(253)
105.0	6.4	62	62	24	24	78	36	45	13(39)	75	9	69	19
		68	4	74	26(107)	22	22	63	63	4	67	26	74(252)
111.5	6.0	63	63	23	23	80	35	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	68	25	76(251)
118.1	5.3	63	63	22	22	81	35	45	9(40)	78	5	71	16
		69	0	77	24(108)	20	20	65	65	0	69	25	77(251)
124.7	4.4	63	63	22	22	81	34	45	9(40)	77	5	71	16
		69	0	76	24(108)	20	20	65	65	0	68	24	77(251)
131.2	3.7	63	63	22	22	81	34	45	9(40)	78	4	71	15
		69	0	77	23(108)	19	19	65	65	0	68	23	78(251)
137.8	3.1	63	63	21	21	81	34	45	8(40)	78	4	71	15
		68	0	78	22(108)	19	19	65	65	0	67	23	78(251)

HA= 70.2 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.2 7.2

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 82.3 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-45-90 % LK = 20

Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)				6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
26.2	21.6	47	47	46	46	48	45	48	45(59)	48	44	49	46
		47	44	49	47(128)	45	45	48	48	44	47	47	49(232)
29.5	21.2	49	49	44	44	52	43	49	43(59)	51	41	51	43
		48	41	52	46(128)	43	43	50	50	41	48	46	52(232)
32.8	20.7	50	50	43	43	55	42	50	40(59)	54	38	53	41
		49	37	54	45(128)	41	41	52	52	37	49	45	54(232)
39.4	19.4	53	53	39	39	55	51	41	38(8)	58	33	56	37
		58	33	56	37(90)	38	38	54	54	33	58	37	56(270)
45.9	17.9	55	55	36	36	61	48	42	32(23)	62	28	59	34
		61	27	60	34(95)	35	35	56	56	27	61	35	60(264)
52.5	16.5	57	57	34	34	66	45	43	28(30)	66	24	62	30
		63	22	64	33(102)	32	32	59	59	22	62	34	64(257)
59.1	15.0	58	58	32	32	69	43	44	24(34)	68	21	64	28
		64	18	67	32(105)	30	30	60	60	17	63	32	67(254)
65.6	13.4	60	60	30	30	72	41	45	21(37)	70	18	65	26
		64	14	69	31(107)	28	28	61	61	14	64	31	69(252)
72.2	12.6	61	61	28	28	75	40	45	18(37)	73	14	68	23
		65	10	72	30(110)	26	26	63	63	10	65	31	73(249)
78.7	11.7	63	63	26	26	78	39	45	15(38)	76	11	70	21
		69	7	74	27(106)	24	24	64	64	7	69	27	74(253)

85.3	10.4	63	63	25	25	80	37	45	13(39)	77	9	71	19
		69	5	75	26(107)	23	23	65	65	5	69	27	75(252)
91.9	9.0	63	63	24	24	80	37	45	12(39)	77	8	71	18
		69	4	76	25(107)	22	22	65	65	4	69	26	76(252)
98.4	7.7	63	63	24	24	80	36	45	11(40)	77	7	71	18
		69	3	76	25(108)	22	22	65	65	3	68	26	76(251)
105.0	6.6	63	63	23	23	80	35	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	68	26	76(251)
111.5	5.7	63	63	22	22	81	35	45	10(40)	78	6	71	17
		69	1	77	24(108)	20	20	65	65	1	69	25	77(251)
118.1	4.9	63	63	22	22	81	35	45	9(40)	78	5	71	16
		69	0	77	24(108)	20	20	65	65	0	69	24	77(251)
124.7	4.0	63	63	22	22	81	34	45	9(40)	77	5	71	16
		69	0	76	24(108)	20	20	65	65	0	68	24	77(251)
131.2	3.3	63	63	21	21	81	34	45	9(40)	78	4	71	15
		68	0	77	23(108)	19	19	65	65	0	68	23	78(251)
137.8	2.6	63	63	21	21	82	33	45	8(41)	78	4	71	15
		67	0	78	22(109)	19	19	65	65	0	66	23	79(250)

HA= 82.3 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.3 7.3

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 84.0 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-45-100 % LK = 21

Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
26.2	21.2	47	47	46	46	48	45	48	46(59)	48	45	48	46
		47	44	49	47(127)	45	45	48	48	44	47	47	49(232)
29.5	20.9	49	49	44	44	51	43	49	43(59)	51	41	51	44
		48	41	52	46(128)	43	43	50	50	41	48	46	52(232)
32.8	20.5	50	50	43	43	55	42	50	40(59)	53	38	53	41
		49	37	54	45(128)	41	41	52	52	37	49	45	54(232)
39.4	18.5	52	52	40	40	52	52	40	39(1)	57	34	56	38
		57	34	56	38(90)	38	38	54	54	34	57	38	56(270)
45.9	16.8	54	54	37	37	58	49	41	34(19)	60	29	58	34
		60	29	58	35(91)	36	36	55	55	29	60	35	58(268)
52.5	15.0	55	55	35	35	62	46	42	30(26)	63	26	60	32
		61	24	61	34(98)	33	33	57	57	24	61	34	61(261)
59.1	13.4	56	56	33	33	65	44	43	26(31)	65	23	62	29
		62	21	64	32(102)	31	31	58	58	21	62	33	64(257)
65.6	11.9	57	57	31	31	68	42	43	24(33)	67	20	63	28
		63	18	66	31(104)	30	30	59	59	17	62	32	66(255)
72.2	11.0	59	59	30	30	71	40	44	21(36)	69	17	65	25
		63	14	69	30(107)	28	28	60	60	14	63	31	69(252)
78.7	10.1	60	60	28	28	73	40	44	18(36)	71	14	67	23
		64	10	71	30(109)	26	26	62	62	10	64	30	71(250)
85.3	9.3	61	61	26	26	76	39	44	16(37)	73	12	68	21
		68	8	72	27(105)	24	24	63	63	8	67	27	72(254)
91.9	8.4	62	62	25	25	78	38	44	14(38)	75	10	69	20
		68	6	74	26(106)	23	23	64	64	6	68	26	74(253)

98.4	7.7	63	63	24	24	80	36	45	11(40)	77	7	71	18
		69	3	76	25(108)	22	22	65	65	3	68	26	76(251)
105.0	6.6	63	63	23	23	80	35	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	68	26	76(251)
111.5	5.7	63	63	22	22	81	35	45	10(40)	78	6	71	17
		69	1	77	24(108)	20	20	65	65	1	69	25	77(251)
118.1	4.9	63	63	22	22	81	35	45	9(40)	78	5	71	16
		69	0	77	24(108)	20	20	65	65	0	69	24	77(251)
124.7	4.0	63	63	22	22	81	34	45	9(40)	77	5	71	16
		69	0	76	24(108)	20	20	65	65	0	68	24	77(251)
131.2	3.3	63	63	21	21	81	34	45	9(40)	78	4	71	15
		68	0	77	23(108)	19	19	65	65	0	68	23	78(251)
137.8	2.6	63	63	21	21	82	33	45	8(41)	78	4	71	15
		67	0	78	22(109)	19	19	65	65	0	66	23	79(250)

 HA= 84.0 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.3 7.3

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 96.5 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-90-90 % LK = 28

Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B		C		D		
29.5	19.8	48	48	45	45	50	43	48	43(59)	50	42	50	44
		47	41	51	46(128)	43	43	49	49	41	47	46	51(232)
32.8	19.6	50	50	43	43	54	42	49	40(59)	53	39	52	41
		49	37	54	45(128)	41	41	51	51	37	49	45	54(232)
39.4	18.7	53	53	39	39	54	51	40	38(6)	58	33	56	37
		58	33	56	37(90)	38	38	54	54	33	58	37	56(270)
45.9	17.6	55	55	36	36	62	47	42	32(24)	62	28	60	33
		61	27	61	34(96)	35	35	57	57	27	61	35	61(263)
52.5	16.3	57	57	34	34	66	45	44	27(31)	66	24	62	30
		63	21	65	33(102)	32	32	59	59	21	62	33	65(257)
59.1	15.2	59	59	31	31	71	42	45	23(35)	69	19	65	27
		64	16	68	32(106)	30	30	61	61	16	64	32	68(253)
65.6	14.1	61	61	29	29	74	41	45	19(36)	72	16	67	24
		65	12	72	31(109)	27	27	63	63	12	65	31	72(250)
72.2	12.8	62	62	27	27	77	40	45	17(37)	75	13	69	22
		69	9	73	27(105)	25	25	64	64	9	68	28	73(254)
78.7	11.9	63	63	25	25	80	38	46	13(39)	77	10	71	19
		70	5	76	26(107)	23	23	65	65	5	69	27	76(252)
85.3	10.1	63	63	24	24	80	37	45	13(39)	77	9	71	19
		70	4	76	26(107)	23	23	65	65	4	69	26	76(252)
91.9	8.6	63	63	24	24	80	37	45	12(39)	77	8	71	18
		69	4	75	25(107)	22	22	65	65	4	69	26	76(252)
98.4	7.5	63	63	23	23	81	35	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	69	26	77(251)
105.0	6.4	63	63	23	23	81	35	45	10(40)	78	6	71	17
		69	1	77	25(108)	21	21	65	65	1	69	25	77(251)
111.5	5.3	63	63	22	22	81	35	45	10(40)	77	6	71	17
		69	1	76	24(108)	20	20	65	65	1	68	25	76(251)

118.1	4.6	63	63	22	22	82	34	45	9(41)	78	4	72	15
		68	0	78	23(109)	19	19	65	65	0	68	24	78(250)
124.7	3.7	63	63	21	21	82	34	45	8(41)	78	4	71	15
		68	0	78	23(109)	19	19	65	65	0	67	23	78(250)
131.2	2.9	63	63	21	21	81	34	44	9(40)	77	4	71	15
		68	0	77	23(108)	19	19	65	65	0	67	23	77(251)
137.8	2.2	63	63	21	21	81	34	44	8(40)	77	4	71	15
		68	0	78	22(108)	19	19	65	65	0	67	22	78(251)

 HA= 96.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.3 7.3

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		4(...)						
	A	B	C	D	A	B	C	D					
32.8	19.0	49	49	43	43	53	42	49	41(59)	52	39	52	42
		48	38	53	45(128)	42	42	50	50	38	48	45	53(232)
39.4	18.1	52	52	39	39	52	52	40	39(1)	57	34	56	37
		57	34	56	37(90)	38	38	54	54	34	57	37	56(270)
45.9	16.5	54	54	37	37	59	48	41	33(20)	61	29	58	34
		60	29	58	34(92)	35	35	56	56	28	60	35	59(267)
52.5	15.2	56	56	34	34	64	45	43	29(28)	64	25	61	31
		62	23	63	33(100)	33	33	58	58	23	61	34	63(259)
59.1	13.9	58	58	32	32	68	43	44	25(33)	67	21	63	28
		63	19	66	32(104)	30	30	59	59	19	62	32	66(255)
65.6	12.8	59	59	30	30	71	41	45	21(36)	69	18	65	26
		64	15	69	31(107)	28	28	61	61	14	63	31	69(252)
72.2	11.5	60	60	28	28	73	40	44	19(36)	71	15	66	24
		64	11	71	30(109)	27	27	62	62	11	64	31	71(250)
78.7	10.6	61	61	27	27	76	39	44	16(37)	74	12	68	21
		68	9	72	27(105)	25	25	63	63	9	67	27	72(254)
85.3	9.7	62	62	25	25	79	37	45	13(39)	76	10	70	19
		69	6	75	26(107)	23	23	64	64	5	68	27	75(252)
91.9	8.6	63	63	24	24	80	37	45	12(39)	77	8	71	18
		69	4	76	25(107)	22	22	65	65	3	69	26	76(252)
98.4	7.3	63	63	24	24	80	36	45	11(40)	77	7	71	18
		69	3	76	25(108)	21	21	65	65	3	68	26	76(251)
105.0	6.4	63	63	23	23	81	35	45	10(40)	78	6	71	17
		69	1	77	24(108)	21	21	65	65	1	69	25	77(251)
111.5	5.3	63	63	22	22	81	35	45	10(40)	77	6	71	16
		69	1	76	24(108)	20	20	65	65	1	69	25	77(251)
118.1	4.4	63	63	22	22	81	34	45	9(40)	78	5	71	16
		69	0	77	24(108)	20	20	65	65	0	69	24	77(251)
124.7	3.5	63	63	22	22	81	34	45	9(40)	77	5	71	16
		69	0	77	24(108)	19	19	65	65	0	68	24	77(251)
131.2	2.9	63	63	21	21	81	34	45	8(40)	78	4	71	15
		68	0	78	22(108)	19	19	65	65	0	67	23	78(251)

 HA=100.4 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.2 7.3

 Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)					3(90)			
		4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D			
32.8	18.7	50	50	43	43	54	42	49	40(59)	52	38	52	41	
		48	37	53	45(128)	41	41	51	51	37	48	45	53(232)	
39.4	18.1	53	53	39	39	54	51	40	38(7)	58	33	56	37	
		58	33	56	37(90)	38	38	54	54	33	58	37	56(270)	
45.9	17.2	56	56	36	36	62	47	43	31(25)	63	27	60	33	
		61	26	61	34(97)	34	34	57	57	26	61	34	61(262)	
52.5	16.3	58	58	33	33	68	44	44	26(32)	67	22	63	29	
		63	20	66	33(104)	32	32	60	60	20	63	33	66(255)	
59.1	15.4	60	60	30	30	73	41	45	21(37)	71	18	66	26	
		65	14	70	32(108)	29	29	62	62	14	65	32	70(251)	
65.6	14.3	62	62	28	28	77	40	45	17(37)	74	14	69	23	
		66	9	73	30(110)	26	26	64	64	9	66	31	74(249)	
72.2	13.4	64	64	25	25	81	38	46	14(39)	78	10	71	20	
		70	6	76	27(107)	24	24	66	66	6	70	27	76(252)	
78.7	11.2	63	63	25	25	80	38	46	13(39)	77	9	71	19	
		70	5	76	26(107)	23	23	65	65	5	69	27	76(252)	
85.3	9.5	63	63	24	24	80	37	45	12(39)	77	9	71	19	
		69	4	76	26(107)	22	22	65	65	4	69	26	76(252)	
91.9	8.2	63	63	24	24	81	36	46	11(40)	77	7	71	18	
		69	3	76	25(108)	22	22	65	65	2	69	26	77(251)	
98.4	6.8	63	63	23	23	81	35	45	11(40)	77	7	71	17	
		69	2	76	25(108)	21	21	65	65	2	69	25	77(251)	
105.0	5.7	63	63	22	22	81	35	45	10(40)	78	6	71	17	
		69	1	77	24(108)	20	20	65	65	1	69	25	77(251)	
111.5	4.9	63	63	22	22	82	35	45	9(40)	78	5	72	16	
		69	0	77	24(108)	20	20	65	65	0	69	24	77(251)	
118.1	3.7	63	63	22	22	81	34	45	9(40)	77	5	71	16	
		69	0	76	24(108)	20	20	65	65	0	68	24	77(251)	
124.7	2.9	62	62	22	22	81	34	45	9(40)	77	5	71	16	
		68	0	77	23(108)	19	19	65	65	0	68	24	77(251)	
131.2	2.2	63	63	21	21	81	34	44	8(40)	77	4	71	15	
		68	0	78	22(108)	19	19	65	65	0	67	22	78(251)	

 HA=110.2 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.2 7.3

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 114.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)					3(90)			
		4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D			

39.4	17.6	52	52	39	39	53	51	40	39(4)	57	33	56	37
		57	33	56	37(90)	38	38	54	54	33	57	37	56(270)
45.9	16.5	55	55	36	36	60	47	42	32(23)	62	28	59	33
		61	27	60	34(95)	35	35	56	56	27	60	35	60(264)
52.5	15.4	57	57	34	34	66	44	43	27(31)	65	23	62	30
		62	21	64	33(102)	32	32	58	58	21	62	33	64(257)
59.1	14.1	59	59	31	31	70	42	45	23(35)	69	20	64	27
		63	17	67	32(106)	30	30	60	60	17	63	32	68(253)
65.6	13.0	60	60	29	29	73	41	44	20(35)	71	16	67	24
		65	12	71	30(108)	27	27	62	62	12	65	31	71(251)
72.2	12.1	62	62	27	27	77	39	45	16(38)	75	13	69	22
		68	9	73	28(106)	25	25	64	64	8	68	28	73(253)
78.7	11.0	63	63	25	25	80	38	46	13(39)	77	10	71	19
		69	5	75	26(107)	23	23	65	65	5	69	27	75(252)
85.3	9.5	63	63	24	24	80	37	45	12(39)	77	8	71	19
		70	4	76	26(107)	22	22	65	65	4	69	26	76(252)
91.9	8.2	63	63	23	23	81	36	46	11(40)	78	7	71	18
		69	2	76	25(108)	21	21	65	65	2	69	26	77(251)
98.4	6.8	63	63	23	23	81	35	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	69	25	77(251)
105.0	5.7	63	63	22	22	81	35	45	10(40)	78	6	71	16
		69	1	77	24(108)	20	20	65	65	1	69	25	77(251)
111.5	4.9	63	63	22	22	82	35	45	9(40)	78	5	72	16
		69	0	77	23(108)	20	20	65	65	0	69	24	78(251)
118.1	3.7	63	63	22	22	81	34	45	9(40)	78	5	71	16
		69	0	77	24(108)	19	19	65	65	0	68	24	77(251)
124.7	2.9	63	63	22	22	81	34	45	9(40)	77	4	71	15
		68	0	77	23(108)	19	19	65	65	0	68	23	77(251)

 HA=114.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.2 7.2

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
39.4	17.2	52	52	39	39	54	51	40	38(6)	57	33	56	37
		57	33	56	37(90)	38	38	54	54	33	57	37	56(270)
45.9	16.5	55	55	36	36	62	47	42	31(25)	62	27	60	33
		61	26	61	34(97)	34	34	57	57	26	61	34	61(262)
52.5	15.9	58	58	33	33	68	44	44	25(33)	67	22	63	29
		63	19	66	33(104)	31	31	60	60	19	63	33	66(255)
59.1	15.0	60	60	30	30	73	41	45	21(37)	71	17	66	25
		65	14	70	31(108)	28	28	62	62	13	65	32	71(251)
65.6	14.3	63	63	27	27	78	39	46	16(38)	76	13	70	22
		69	9	74	28(106)	25	25	64	64	9	69	28	74(253)
72.2	12.6	63	63	26	26	80	38	46	14(39)	77	10	71	20
		70	6	75	27(107)	24	24	65	65	6	69	27	76(252)
78.7	10.6	63	63	25	25	80	37	45	13(39)	77	9	71	19
		69	5	75	26(107)	23	23	65	65	5	69	27	76(252)

85.3	9.0	63	63	24	24	81	36	46	12(40)	77	8	71	18
		69	3	76	26(108)	22	22	65	65	3	69	26	76(251)
91.9	7.5	63	63	23	23	81	36	45	11(40)	77	7	71	18
		69	3	76	25(108)	21	21	65	65	2	69	26	76(251)
98.4	6.2	63	63	23	23	80	35	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	68	25	76(251)
105.0	5.1	63	63	22	22	81	35	45	10(40)	77	6	71	17
		69	1	76	24(108)	20	20	65	65	1	68	25	76(251)
111.5	4.2	63	63	22	22	81	34	45	9(40)	78	5	71	16
		69	0	77	24(108)	20	20	65	65	0	68	24	77(251)
118.1	3.3	63	63	21	21	82	33	45	8(41)	78	4	71	15
		68	0	78	23(109)	19	19	65	65	0	67	23	78(250)
124.7	2.4	63	63	21	21	82	33	45	8(41)	78	4	71	15
		67	0	78	22(109)	19	19	65	65	0	66	23	78(250)

HA=124.3 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.3 7.3

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 130.9 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-100-100-100 % LK = 46

Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B		C		D		
39.4	16.3	52	52	39	39	58	38	50	35(59)	56	33	55	37
		56	33	55	37(90)	38	38	53	53	33	56	37	55(270)
45.9	15.9	55	55	36	36	60	47	42	32(23)	62	28	59	33
		61	27	60	34(95)	35	35	56	56	27	60	34	60(264)
52.5	15.0	57	57	33	33	66	44	43	26(31)	66	23	62	30
		62	21	65	33(103)	32	32	59	59	21	62	33	65(256)
59.1	14.1	59	59	30	30	72	41	45	22(36)	70	18	65	26
		64	15	69	31(107)	29	29	61	61	15	64	32	69(252)
65.6	13.0	61	61	28	28	75	41	45	18(36)	73	15	68	23
		66	11	72	30(109)	26	26	63	63	11	65	30	72(250)
72.2	12.1	63	63	26	26	79	39	45	15(38)	76	11	70	21
		69	7	75	27(106)	24	24	65	65	7	69	27	75(253)
78.7	10.4	63	63	25	25	80	37	45	13(39)	77	9	70	19
		69	5	75	26(107)	23	23	65	65	5	69	27	75(252)
85.3	8.6	63	63	24	24	80	37	45	13(39)	76	9	70	19
		69	4	75	26(107)	22	22	65	65	4	69	26	75(252)
91.9	7.3	63	63	24	24	80	36	45	11(40)	77	7	71	18
		69	3	76	25(108)	22	22	65	65	3	68	26	76(251)
98.4	6.0	63	63	23	23	80	35	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	68	26	76(251)
105.0	4.9	63	63	22	22	80	35	45	10(40)	77	6	71	17
		69	1	76	24(108)	20	20	65	65	1	68	25	76(251)
111.5	4.0	63	63	22	22	81	34	45	9(40)	77	5	71	16
		69	0	76	24(108)	20	20	65	65	0	68	24	77(251)
118.1	3.1	63	63	22	22	81	34	45	9(40)	78	4	71	15
		68	0	77	23(108)	19	19	65	65	0	68	23	77(251)
124.7	2.2	62	62	21	21	81	34	44	8(40)	77	4	71	15
		68	0	77	22(108)	19	19	65	65	0	67	23	78(251)

 HA=130.9 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.2 7.2

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.		
		1(0)		2(...)				3(90)		6(...)						
		A	B	C	D	A	B	C	D	A	B	C	D			
45.9	16.1	56	56	35	35	63	47	42	30	(26)	63	26	60	32		
		61	25	62	34	(98)	34	34	57	57		25	61	34	62	(261)
52.5	15.4	58	58	32	32	69	43	44	24	(34)	68	21	64	28		
		63	18	67	32	(105)	30	30	60	60		18	63	33	67	(254)
59.1	14.8	61	61	29	29	75	41	45	19	(36)	73	16	67	24		
		66	12	72	31	(109)	27	27	63	63		12	65	31	72	(250)
65.6	13.2	62	62	27	27	78	39	45	16	(38)	75	13	69	22		
		69	9	73	28	(106)	25	25	64	64		9	68	28	74	(253)
72.2	11.0	62	62	26	26	78	39	45	15	(38)	75	11	69	21		
		69	7	74	27	(106)	24	24	64	64		7	68	27	74	(253)
78.7	9.3	62	62	25	25	78	37	45	14	(39)	76	10	70	20		
		68	6	74	26	(107)	23	23	64	64		6	68	27	75	(252)
85.3	7.5	62	62	24	24	78	37	45	13	(39)	75	9	69	19		
		68	5	74	26	(107)	22	22	64	64		5	68	26	74	(252)
91.9	6.2	62	62	24	24	79	36	45	12	(39)	76	8	70	18		
		68	4	75	25	(107)	22	22	64	64		4	68	26	75	(252)
98.4	5.1	62	62	23	23	80	35	45	11	(40)	76	7	70	17		
		68	2	75	25	(108)	21	21	64	64		2	68	25	75	(251)
105.0	4.0	62	62	22	22	80	35	45	10	(40)	76	6	70	17		
		68	1	75	24	(108)	20	20	64	64		1	68	25	76	(251)
111.5	2.9	62	62	22	22	79	34	44	10	(40)	76	6	70	17		
		68	1	75	24	(108)	20	20	64	64		1	67	25	75	(251)

 HA=138.1 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 7.0 7.0

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.		
		1(0)		2(...)				3(90)		6(...)						
		A	B	C	D	A	B	C	D	A	B	C	D			
45.9	15.0	54	54	36	36	60	47	42	32	(23)	61	27	59	33		
		60	26	60	34	(95)	34	34	56	56		26	60	34	60	(264)
52.5	14.8	58	58	32	32	68	43	44	25	(33)	67	22	63	29		
		63	19	66	32	(104)	31	31	59	59		19	63	33	66	(255)
59.1	13.9	60	60	30	30	73	41	45	21	(37)	71	17	66	25		
		65	13	70	31	(108)	28	28	62	62		13	64	32	70	(251)
65.6	13.0	62	62	27	27	77	39	45	16	(38)	75	13	69	22		
		68	9	73	28	(106)	25	25	64	64		9	68	28	73	(253)

72.2	10.8	62	62	26	26	78	39	45	15(38)	75	11	69	21
		68	7	73	27(106)	24	24	64	64	7	68	27	74(253)
78.7	8.8	62	62	25	25	77	38	45	15(38)	75	11	69	20
		68	7	73	26(106)	24	24	63	63	6	68	27	73(253)
85.3	7.3	62	62	25	25	78	37	45	13(39)	75	9	69	19
		68	5	74	26(107)	23	23	64	64	5	67	26	74(252)
91.9	6.0	62	62	24	24	78	36	45	12(39)	75	8	69	18
		68	4	74	25(107)	22	22	64	64	4	67	26	74(252)
98.4	4.6	62	62	24	24	78	36	44	12(39)	75	8	69	18
		68	3	74	25(107)	21	21	64	64	3	67	25	74(252)
105.0	3.7	62	62	23	23	79	35	45	11(40)	76	6	70	17
		68	2	75	25(108)	21	21	64	64	2	67	25	75(251)
111.5	2.6	62	62	22	22	79	34	44	10(40)	76	6	70	17
		67	2	75	24(108)	20	20	64	64	1	67	25	75(251)

 HA=145.0 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 7.0 7.0

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		6(...)		
		4(...)		5(180)		6(...)				
		A	B	C	D	A	B	C	D	
45.9	15.0	55	55	35	35	62	46	42	30(26)	62 26 60 32
		61	25	61	34(97)	34	34	57	57	25 61 34 61(262)
52.5	14.8	58	58	32	32	69	43	44	24(34)	68 21 64 28
		64	18	67	32(105)	30	30	60	60	17 63 32 67(254)
59.1	14.1	61	61	29	29	75	41	45	19(36)	73 15 67 24
		66	11	72	31(109)	27	27	63	63	11 65 31 72(250)
65.6	11.9	62	62	27	27	76	40	45	17(37)	74 13 68 22
		68	10	72	28(105)	26	26	63	63	9 68 28 72(254)
72.2	9.7	61	61	26	26	76	38	45	16(38)	74 12 68 21
		67	8	72	27(106)	24	24	63	63	8 67 28 73(253)
78.7	7.9	61	61	26	26	77	38	44	15(38)	74 11 69 20
		68	7	73	26(106)	24	24	63	63	7 67 27 73(253)
85.3	6.4	61	61	25	25	77	37	44	14(38)	74 9 69 19
		68	6	73	26(106)	23	23	63	63	5 67 26 73(253)
91.9	5.1	61	61	24	24	78	36	44	13(39)	75 8 69 19
		67	4	74	25(107)	22	22	63	63	4 67 26 74(252)
98.4	3.7	61	61	24	24	77	36	44	12(39)	74 8 69 18
		67	4	73	25(107)	21	21	63	63	4 67 26 74(252)
105.0	2.6	61	61	23	23	77	35	44	12(39)	74 7 69 18
		67	3	73	25(107)	21	21	63	63	3 67 25 74(252)

 HA=152.2 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.8 6.9

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 161.4 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)				3(90)					
	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
52.5	13.0	56	56	33	33	66	44	43	26	(31)	65	22	62	29
		62	20	64	32(102)	31	31	58	58	20	62	32	64(257)	
59.1	13.0	60	60	29	29	73	40	45	20	(37)	71	17	66	25
		65	13	70	31(108)	28	28	62	62	13	64	31	70(251)	
65.6	11.2	61	61	28	28	75	40	45	18	(37)	73	14	67	23
		65	10	72	30(109)	26	26	62	62	10	65	30	72(250)	
72.2	9.3	61	61	27	27	75	39	44	16	(37)	73	12	68	22
		67	9	72	27(105)	25	25	63	63	9	67	27	72(254)	
78.7	7.5	61	61	26	26	76	38	44	15	(38)	73	11	68	21
		67	7	72	26(106)	24	24	63	63	7	67	27	72(253)	
85.3	6.0	61	61	25	25	76	37	44	14	(38)	74	10	68	20
		67	6	72	26(106)	23	23	63	63	6	67	26	73(253)	
91.9	4.6	61	61	24	24	77	37	44	13	(38)	74	9	68	19
		67	5	73	25(106)	22	22	63	63	5	67	26	73(253)	
98.4	3.3	60	60	24	24	76	36	43	13	(38)	74	9	68	19
		67	4	73	25(106)	22	22	63	63	4	66	25	73(253)	
105.0	2.4	61	61	23	23	77	35	44	12	(39)	74	7	69	18
		67	3	73	25(107)	21	21	63	63	3	66	25	74(252)	

HA=161.4 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.2 6.2 6.8 6.8

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 166.0 ft Length of jib = 82.0 ft

Main boom sequence = 0-45-90-90-90-90 % LK = 68

Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)				3(90)					
	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
52.5	14.1	59	59	31	31	70	42	45	23	(35)	69	20	64	27
		64	17	68	32(106)	30	30	60	60	16	63	32	68(253)	
59.1	12.6	60	60	29	29	74	41	44	19	(36)	72	16	67	24
		65	12	71	31(109)	27	27	62	62	12	64	31	71(250)	
65.6	10.1	60	60	28	28	74	40	44	18	(36)	72	14	67	23
		65	10	71	30(109)	26	26	62	62	10	64	30	71(250)	
72.2	7.9	60	60	27	27	74	39	44	17	(37)	72	13	67	22
		66	9	71	27(105)	25	25	62	62	9	66	28	71(254)	
78.7	6.4	60	60	26	26	75	38	43	15	(37)	73	11	67	21
		67	8	71	26(105)	24	24	62	62	7	66	27	71(254)	
85.3	4.9	60	60	25	25	75	37	44	14	(38)	73	10	67	20
		66	6	72	26(106)	23	23	62	62	6	66	26	72(253)	
91.9	3.5	60	60	24	24	76	36	43	13	(38)	73	9	68	19
		67	5	72	25(106)	22	22	62	62	5	66	26	72(253)	
98.4	2.4	60	60	24	24	76	36	43	13	(38)	73	8	68	18
		67	4	72	25(106)	21	21	63	63	4	66	25	73(253)	

HA=166.0 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.7 6.7

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 175.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)				3(90)							
		4(...)				5(180)				6(...)							
A	B	C	D	A	B	C	D	A	B	C	D						
52.5	12.1	56	56	32	32	66	43	43	26(32)	65	22	62	29				
		62	20	64	32(103)	31	31	58	58	19	62	32	64(256)				
59.1	11.9	60	60	29	29	73	40	45	20(37)	71	17	66	25				
		64	13	70	31(108)	27	27	61	61	13	64	31	70(251)				
65.6	9.5	60	60	28	28	73	40	44	19(36)	71	15	66	23				
		64	11	70	30(109)	26	26	61	61	11	63	30	70(250)				
72.2	7.5	60	60	27	27	73	39	43	17(36)	71	13	66	22				
		66	10	70	27(104)	25	25	62	62	10	66	28	70(255)				
78.7	6.0	60	60	26	26	74	38	43	16(37)	72	12	67	21				
		66	8	71	26(105)	24	24	62	62	8	66	27	71(254)				
85.3	4.4	60	60	25	25	74	37	43	15(37)	72	11	67	20				
		66	7	71	26(105)	23	23	62	62	7	66	26	71(254)				
91.9	3.1	60	60	25	25	75	36	43	14(38)	72	10	67	20				
		66	6	71	26(106)	22	22	62	62	6	65	26	71(253)				

HA=175.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.6 6.6

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 180.1 ft Length of jib = 82.0 ft
 Main boom sequence = 0-90-90-90-90-90 % LK = 73
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.			
		1(0)				2(...)				3(90)							
		4(...)				5(180)				6(...)							
A	B	C	D	A	B	C	D	A	B	C	D						
59.1	10.8	59	59	29	29	72	40	45	20(37)	70	17	65	25				
		64	13	69	31(108)	27	27	61	61	13	63	31	69(251)				
65.6	8.4	59	59	28	28	72	40	43	19(35)	70	15	65	24				
		63	11	69	30(108)	26	26	61	61	11	63	30	69(251)				
72.2	6.6	59	59	27	27	73	39	43	17(36)	71	13	66	22				
		66	10	69	27(104)	25	25	61	61	10	65	27	70(255)				
78.7	4.9	59	59	26	26	73	38	43	16(37)	71	12	66	21				
		65	9	70	27(105)	24	24	61	61	8	65	27	70(254)				
85.3	3.3	59	59	26	26	73	37	43	15(37)	71	11	66	21				
		65	8	70	26(105)	23	23	61	61	7	65	26	70(254)				

HA=180.1 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 6.8 6.1 6.5 6.5

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 191.9 ft Length of jib = 82.0 ft
 Main boom sequence = 0-100-100-100-100-100 % LK = 74
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		4(...)				5(180)				6(...)					
A	B	C	D	A	B	C	D	A	B	C	D				

	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	10.1	58	58	29	29	71	40	44	21(36)	69	17	65	25
		63	14	68	30(107)	28	28	60	60	13	63	31	69(252)
65.6	7.7	58	58	28	28	71	40	43	20(35)	69	16	65	24
		63	12	69	30(108)	26	26	60	60	12	62	30	69(251)
72.2	6.0	58	58	27	27	72	39	43	18(36)	70	14	65	23
		63	10	69	29(109)	25	25	61	61	10	62	30	70(250)
78.7	4.2	58	58	27	27	72	38	43	17(36)	70	13	65	22
		65	10	69	27(104)	24	24	60	60	9	64	27	69(255)
85.3	2.9	58	58	26	26	73	37	43	16(37)	70	11	66	21
		65	8	69	26(105)	23	23	61	61	8	64	26	70(254)

 HA=191.9 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 6.8 6.0 6.5 6.5

HA=191.9 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=191.9 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=191.9 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=191.9 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

14.10.2003, 15:45:01

Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

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H

DEMAG Mobile Cranes

O U T R I G G E R - L O A D I N G S

(Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer KS

Outrigger width	=	18.7 ft	Outrigger length	=	27.7 ft
Outrigger "A"	X =	12.0 ft	Outrigger "A"	Y =	9.4 ft
Outrigger "B"	X =	12.0 ft	Outrigger "B"	Y =	-9.4 ft
Outrigger "C"	X =	-15.7 ft	Outrigger "C"	Y =	9.4 ft
Outrigger "D"	X =	-15.7 ft	Outrigger "D"	Y =	-9.4 ft

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 40.7 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-0-0 % LK = 1

Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)	2(...)			3(90)	4(...)							
		A	B	C	D	A	B	C	D				
39.4	17.2	47	47	44	44	50	43	48	42(59)	49	41	49	43
		47	40	50	45(128)	42	42	49	49	40	47	45	50(232)

45.9	15.4	49	49	41	41	53	40	49	39(59)	52	37	52	40
		48	36	53	44(128)	40	40	50	50	36	48	44	53(232)
52.5	14.3	51	51	39	39	57	38	50	35(59)	56	33	54	37
		56	33	54	37(90)	37	37	52	52	33	56	37	54(270)
59.1	13.0	52	52	37	37	56	48	40	34(16)	58	29	56	34
		58	29	56	34(90)	35	35	54	54	29	58	34	56(270)
65.6	12.1	54	54	35	35	61	46	41	30(25)	61	26	59	32
		60	24	60	33(97)	33	33	56	56	24	60	33	60(262)
72.2	11.2	56	56	33	33	65	43	43	26(31)	64	22	61	29
		61	20	63	32(102)	31	31	57	57	20	61	32	63(257)
78.7	10.4	57	57	31	31	68	41	43	23(34)	67	19	63	27
		62	17	66	31(105)	29	29	59	59	16	62	31	66(254)
85.3	9.9	59	59	28	28	72	41	43	19(35)	70	16	65	24
		64	12	69	30(108)	27	27	61	61	12	63	30	70(251)
91.9	9.3	60	60	27	27	75	39	44	17(37)	73	13	67	22
		67	9	71	27(105)	25	25	62	62	9	67	27	71(254)
98.4	8.8	62	62	25	25	79	37	45	13(39)	76	9	70	19
		69	5	75	26(107)	23	23	64	64	5	68	26	75(252)
105.0	7.5	62	62	24	24	79	36	45	12(39)	76	8	70	18
		69	4	75	25(107)	22	22	64	64	4	68	26	75(252)

HA= 40.7 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 6.9 6.9

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B	C	D	A	B	C	D
39.4	17.2	47	47	44	44	50	43	48	42(59)	49	41	49	43
		47	40	50	45(128)	43	43	49	49	40	47	45	50(232)
45.9	15.9	49	49	41	41	54	40	49	38(59)	53	36	52	40
		48	35	54	44(128)	40	40	51	51	35	48	44	54(232)
52.5	14.6	51	51	39	39	52	51	39	38(2)	56	32	55	37
		56	32	55	37(90)	37	37	53	53	32	56	37	55(270)
59.1	13.7	53	53	36	36	58	48	41	33(19)	60	28	57	34
		59	28	58	34(92)	35	35	55	55	28	59	34	58(267)
65.6	12.6	55	55	34	34	62	45	42	29(27)	62	25	60	31
		60	24	61	33(98)	32	32	56	56	23	60	33	61(261)
72.2	11.7	56	56	32	32	66	43	43	25(32)	65	22	62	28
		62	19	64	32(103)	30	30	58	58	19	61	32	64(256)
78.7	11.0	58	58	30	30	70	41	44	22(35)	68	18	64	26
		63	15	67	31(106)	28	28	60	60	15	63	31	67(253)
85.3	10.4	60	60	28	28	73	40	44	19(36)	71	15	66	23
		64	11	71	30(109)	26	26	62	62	11	64	30	71(250)
91.9	9.7	61	61	26	26	76	38	45	16(38)	74	12	68	21
		67	8	72	27(106)	24	24	63	63	8	67	28	73(253)
98.4	9.0	63	63	24	24	79	37	45	13(39)	76	9	70	19
		69	5	75	26(107)	23	23	64	64	4	68	26	75(252)
105.0	7.7	62	62	24	24	79	37	45	12(39)	76	8	70	19
		69	4	75	25(107)	22	22	64	64	4	68	26	75(252)

111.5 6.6 62 62 24 24 79 36 45 12(39) 76 7 70 18
 69 3 75 25(107) 21 21 64 64 3 68 25 75(252)
 118.1 5.7 63 63 23 23 80 35 45 10(40) 77 6 71 17
 69 2 76 25(108) 21 21 65 65 1 68 25 76(251)

 HA= 54.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.3 7.0 7.1

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-90 % LK = 13
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		4(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
45.9	15.7	49	49	41	41	54	40	49	38(59)	52	37	52	40	
		48	35	54	44(128)	40	40	51	51	35	48	44	54(232)	
52.5	14.6	51	51	39	39	52	51	39	38(2)	56	32	55	37	
		56	32	55	37(90)	37	37	53	53	32	56	37	55(270)	
59.1	13.4	53	53	36	36	57	48	40	33(18)	59	29	57	34	
		59	28	57	34(91)	35	35	54	54	28	59	34	57(268)	
65.6	12.3	54	54	34	34	61	45	42	29(26)	62	25	59	31	
		60	24	60	33(98)	33	33	56	56	24	60	33	61(261)	
72.2	11.0	55	55	33	33	64	43	42	27(30)	63	23	60	30	
		61	21	62	32(101)	31	31	57	57	21	60	32	63(258)	
78.7	10.1	56	56	31	31	67	42	43	24(33)	66	20	62	27	
		62	17	65	31(104)	29	29	58	58	17	62	32	65(255)	
85.3	9.5	58	58	29	29	70	40	44	21(36)	68	17	64	25	
		63	14	68	30(107)	27	27	60	60	13	62	31	68(252)	
91.9	8.6	59	59	28	28	72	40	43	19(35)	70	15	65	23	
		64	11	70	29(108)	26	26	61	61	11	63	30	70(251)	
98.4	7.9	60	60	26	26	75	38	44	16(37)	72	12	67	21	
		67	9	71	27(105)	24	24	62	62	8	66	27	71(254)	
105.0	7.5	62	62	25	25	78	37	45	13(39)	75	9	69	19	
		68	5	74	26(107)	23	23	64	64	5	67	26	74(252)	
111.5	6.8	63	63	23	23	80	35	45	11(40)	77	7	70	18	
		69	3	76	25(108)	21	21	65	65	2	68	26	76(251)	
118.1	5.7	62	62	23	23	80	35	45	11(40)	76	7	70	17	
		68	2	75	25(108)	21	21	64	64	2	68	26	76(251)	
124.7	5.1	63	63	22	22	81	35	45	9(40)	77	5	71	16	
		69	0	76	24(108)	20	20	65	65	0	69	25	77(251)	
131.2	4.2	63	63	22	22	81	34	45	9(40)	77	5	71	16	
		69	0	77	24(108)	20	20	65	65	0	68	24	77(251)	

 HA= 68.6 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-100 % LK = 14
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		4(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	

	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
45.9	14.8	48	48	42	42	52	41	48	39	(59)	51	37	51	41
		47	37	52	44(128)	40	40	50	50		37	47	44	52(232)
52.5	13.2	50	50	40	40	55	38	49	36	(59)	54	34	53	38
		54	34	53	38(90)	38	38	51	51		34	54	38	53(270)
59.1	11.9	51	51	38	38	52	49	39	37	(6)	56	31	55	36
		56	31	55	36(90)	36	36	52	52		31	56	36	55(270)
65.6	10.8	52	52	36	36	56	47	40	33	(18)	58	28	56	33
		58	28	57	34(91)	34	34	54	54		28	58	34	57(268)
72.2	9.7	53	53	34	34	59	45	41	30	(24)	60	25	58	32
		59	24	59	33(96)	32	32	55	55		24	59	33	59(263)
78.7	8.8	54	54	33	33	62	43	41	27	(29)	62	23	60	30
		60	21	61	32(100)	31	31	56	56		21	60	32	62(259)
85.3	8.2	56	56	31	31	65	42	42	24	(32)	65	20	61	27
		61	17	64	31(104)	29	29	58	58		17	60	31	64(255)
91.9	7.5	57	57	30	30	68	40	43	21	(35)	67	17	63	25
		62	14	66	30(106)	28	28	59	59		14	62	30	66(253)
98.4	6.8	58	58	28	28	70	40	43	19	(35)	69	15	64	24
		62	12	68	30(108)	26	26	60	60		11	62	30	69(251)
105.0	6.4	59	59	26	26	73	39	43	17	(36)	71	13	66	22
		66	9	70	26(104)	24	24	61	61		9	66	27	70(255)
111.5	6.0	61	61	25	25	76	37	44	14	(38)	73	10	68	20
		67	6	72	26(106)	23	23	63	63		6	66	26	72(253)
118.1	5.5	62	62	24	24	78	36	44	12	(39)	75	8	70	18
		68	3	74	25(107)	21	21	64	64		3	67	25	75(252)
124.7	5.1	63	63	22	22	81	35	45	9	(40)	77	6	71	16
		69	1	76	24(108)	20	20	65	65		0	69	25	77(251)
131.2	4.2	63	63	22	22	81	34	45	9	(40)	77	5	71	16
		69	0	76	24(108)	20	20	65	65		0	68	24	77(251)
137.8	3.5	63	63	21	21	82	33	45	8	(41)	78	4	72	15
		67	0	79	22(109)	19	19	65	65		0	67	23	79(250)

HA= 70.2 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.3 7.4

Main boom and fixed jib (jib angle 20.0 degrees)
Length of main boom = 82.3 ft Length of jib = 82.0 ft
Main boom sequence = 0-0-0-0-45-90 % LK = 20
Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)					3(90)				
	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
45.9	15.7	49	49	41	41	54	40	49	38	(59)	53	36	52	40
		48	35	54	44(128)	39	39	51	51		35	48	44	54(232)
52.5	14.8	52	52	38	38	53	50	39	37	(7)	57	32	55	36
		57	32	55	36(90)	37	37	53	53		32	57	36	55(270)
59.1	13.7	54	54	36	36	59	47	41	32	(21)	60	28	58	33
		60	27	58	34(93)	34	34	55	55		27	59	34	58(266)
65.6	12.8	55	55	34	34	63	44	42	28	(29)	63	24	60	30
		61	22	62	33(100)	32	32	57	57		22	61	33	62(259)
72.2	11.7	57	57	32	32	67	42	43	25	(33)	66	21	62	28
		62	18	65	32(104)	30	30	58	58		18	62	32	65(255)

78.7	10.8	58	58	30	30	70	40	44	21(36)	68	18	64	26
		63	15	67	31(106)	28	28	60	60	15	63	31	68(253)
85.3	9.9	59	59	28	28	72	41	43	19(35)	71	15	66	24
		64	11	70	30(108)	26	26	61	61	11	64	30	70(251)
91.9	9.3	61	61	26	26	75	39	44	16(37)	73	12	68	21
		67	9	72	27(105)	24	24	63	63	8	67	27	72(254)
98.4	8.6	62	62	25	25	78	37	45	13(39)	75	9	69	19
		68	5	74	26(107)	23	23	64	64	5	68	27	74(252)
105.0	7.5	62	62	24	24	79	37	45	12(39)	76	8	70	19
		69	4	75	25(107)	22	22	64	64	4	68	26	75(252)
111.5	6.6	63	63	23	23	80	35	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	68	26	76(251)
118.1	5.5	62	62	23	23	80	35	45	11(40)	77	7	70	17
		68	2	75	25(108)	21	21	65	65	2	68	25	76(251)
124.7	4.9	63	63	22	22	81	35	45	9(40)	78	5	71	16
		69	0	77	24(108)	20	20	65	65	0	69	24	77(251)
131.2	4.0	63	63	22	22	81	34	45	9(40)	77	5	71	16
		69	0	77	24(108)	19	19	65	65	0	68	24	77(251)
137.8	3.1	62	62	22	22	81	34	45	9(40)	77	5	71	16
		68	0	76	23(108)	19	19	65	65	0	68	24	77(251)
144.4	2.4	63	63	21	21	81	34	44	8(40)	77	4	71	15
		68	0	77	22(108)	19	19	65	65	0	67	22	78(251)

 HA= 82.3 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.2 7.2

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 84.0 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-45-100 % LK = 21

Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
45.9	15.0	49	49	41	41	53	40	49	39(59)	52	37	51	40
		47	36	53	44(128)	40	40	50	50	36	47	44	53(232)
52.5	13.4	50	50	39	39	56	38	49	35(59)	54	33	54	37
		54	33	54	37(90)	38	38	52	52	33	54	37	54(270)
59.1	12.3	52	52	37	37	55	49	40	35(13)	57	30	56	35
		57	30	56	35(90)	35	35	53	53	30	57	35	56(270)
65.6	11.2	53	53	35	35	59	46	41	31(22)	60	27	58	32
		59	26	58	33(94)	33	33	55	55	26	59	33	58(265)
72.2	10.4	55	55	33	33	62	44	41	28(28)	62	24	60	30
		60	22	62	32(100)	31	31	56	56	22	60	32	62(259)
78.7	9.3	56	56	32	32	65	43	42	25(31)	64	21	61	28
		61	19	63	32(103)	30	30	57	57	19	60	32	63(256)
85.3	8.6	57	57	30	30	68	40	43	22(35)	67	18	63	26
		62	15	66	31(106)	28	28	59	59	15	62	31	66(253)
91.9	7.9	58	58	28	28	71	40	43	20(35)	69	16	65	24
		63	12	69	30(108)	26	26	60	60	12	62	30	69(251)
98.4	7.5	60	60	27	27	74	38	44	17(37)	72	13	67	22
		66	9	71	27(105)	24	24	62	62	9	66	27	71(254)
105.0	6.8	61	61	25	25	76	37	44	14(38)	74	10	68	20
		67	6	72	26(106)	23	23	63	63	6	67	26	73(253)

111.5	6.4	62	62	24	24	79	36	45	12(39)	76	8	70	18
		69	3	75	25(107)	22	22	64	64	3	68	26	75(252)
118.1	5.5	62	62	23	23	80	35	45	11(40)	77	7	70	17
		68	2	75	25(108)	21	21	65	65	2	68	25	76(251)
124.7	4.9	63	63	22	22	81	35	45	9(40)	78	5	71	16
		69	0	77	24(108)	20	20	65	65	0	69	24	77(251)
131.2	4.0	63	63	22	22	81	34	45	9(40)	77	5	71	16
		69	0	77	24(108)	20	20	65	65	0	68	24	77(251)
137.8	3.3	63	63	21	21	82	33	45	8(41)	78	4	71	15
		67	0	78	22(109)	19	19	65	65	0	67	23	79(250)
144.4	2.4	62	62	21	21	81	34	44	8(40)	77	4	71	15
		68	0	77	22(108)	19	19	65	65	0	67	23	78(251)

HA= 84.0 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.3 7.3

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 96.5 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-90-90 % LK = 28

Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
52.5	14.6	52	52	38	38	53	50	39	37(7)	57	32	55	36
		57	32	55	36(90)	37	37	53	53	32	57	36	55(270)
59.1	13.7	54	54	36	36	59	47	41	32(22)	61	27	58	33
		60	27	59	34(94)	34	34	55	55	26	60	34	59(265)
65.6	12.8	56	56	33	33	64	44	42	27(29)	64	23	61	30
		61	22	63	33(101)	32	32	57	57	21	61	33	63(258)
72.2	11.9	57	57	31	31	68	42	44	24(34)	67	20	63	27
		63	17	66	32(105)	30	30	59	59	17	62	32	66(254)
78.7	11.0	59	59	29	29	72	40	45	20(37)	70	17	65	25
		64	13	69	30(107)	28	28	61	61	13	63	31	69(252)
85.3	10.1	60	60	28	28	74	40	44	18(36)	72	14	67	23
		65	10	71	30(109)	26	26	62	62	10	64	30	71(250)
91.9	9.5	62	62	26	26	77	38	45	15(38)	75	11	69	21
		68	7	73	26(106)	24	24	63	63	7	68	27	73(253)
98.4	8.6	63	63	24	24	79	37	45	13(39)	76	9	70	19
		69	4	75	26(107)	22	22	65	65	4	68	26	75(252)
105.0	7.3	62	62	24	24	79	36	45	12(39)	76	8	70	18
		69	4	75	25(107)	22	22	64	64	4	68	26	75(252)
111.5	6.4	63	63	23	23	80	35	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	68	26	76(251)
118.1	5.5	63	63	22	22	81	35	45	10(40)	77	6	71	17
		69	1	76	24(108)	20	20	65	65	1	69	25	77(251)
124.7	4.6	63	63	22	22	81	35	45	9(40)	78	5	71	16
		69	0	77	24(108)	20	20	65	65	0	69	24	77(251)
131.2	3.7	63	63	22	22	81	34	45	9(40)	78	5	71	16
		69	0	77	23(108)	19	19	65	65	0	68	24	77(251)
137.8	2.9	62	62	22	22	81	34	44	9(40)	77	5	71	16
		68	0	76	23(108)	19	19	65	65	0	68	24	77(251)
144.4	2.2	62	62	21	21	81	34	44	8(40)	77	4	71	15
		68	0	77	22(108)	19	19	65	65	0	67	22	78(251)

 HA= 96.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.2 7.2

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)				3(90)						
	4(...)		5(180)				6(...)						
A	B	C	D	A	B	C	D	A	B	C	D		
52.5	13.4	50	50	39	39	57	38	49	35(59)	55	33	54	37
		55	33	54	37(90)	37	37	52	52	33	55	37	54(270)
59.1	12.3	52	52	37	37	56	48	40	34(15)	58	29	56	34
		58	29	56	34(90)	35	35	54	54	29	58	34	56(270)
65.6	11.2	54	54	35	35	60	46	41	30(24)	60	26	58	32
		59	25	59	33(96)	33	33	55	55	25	59	33	59(263)
72.2	10.4	55	55	33	33	63	44	42	27(29)	63	23	60	30
		61	21	62	32(101)	31	31	57	57	21	60	32	62(258)
78.7	9.7	57	57	31	31	67	41	43	23(34)	66	19	62	27
		62	17	65	31(105)	29	29	59	59	17	62	32	66(254)
85.3	9.0	58	58	29	29	71	39	44	20(37)	69	16	65	24
		63	13	68	30(107)	27	27	60	60	13	63	30	68(252)
91.9	8.4	60	60	27	27	73	39	43	18(36)	71	14	66	22
		64	10	71	29(109)	25	25	62	62	9	64	30	71(250)
98.4	7.9	61	61	25	25	77	38	44	14(38)	74	10	69	20
		68	6	73	26(106)	23	23	63	63	6	67	27	73(253)
105.0	7.3	62	62	24	24	79	36	45	12(39)	76	8	70	18
		69	4	75	25(107)	22	22	64	64	4	68	26	75(252)
111.5	6.4	63	63	23	23	80	35	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	68	25	76(251)
118.1	5.3	62	62	23	23	80	35	45	10(40)	77	6	71	17
		69	2	76	25(108)	21	21	65	65	2	68	25	76(251)
124.7	4.6	63	63	22	22	81	35	45	9(40)	78	5	71	16
		69	0	77	24(108)	20	20	65	65	0	69	24	77(251)
131.2	3.7	63	63	22	22	81	34	45	9(40)	78	5	71	15
		69	0	77	23(108)	19	19	65	65	0	68	24	77(251)
137.8	2.9	62	62	22	22	81	34	44	9(40)	77	4	71	15
		68	0	77	23(108)	19	19	65	65	0	68	23	77(251)

 HA=100.4 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.1 7.2

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)				3(90)						
	4(...)		5(180)				6(...)						
A	B	C	D	A	B	C	D	A	B	C	D		
59.1	13.7	54	54	35	35	61	46	41	31(24)	62	26	59	32
		60	25	60	33(96)	34	34	56	56	25	60	34	60(263)

65.6	12.8	56	56	33	33	65	44	43	26(31)	65	22	62	29
		62	20	64	32(102)	31	31	58	58	20	62	32	64(257)
72.2	12.1	58	58	30	30	70	41	44	22(36)	69	18	64	26
		63	15	68	31(106)	29	29	60	60	15	63	31	68(253)
78.7	11.5	60	60	28	28	74	40	44	18(36)	72	15	67	23
		65	11	71	30(109)	26	26	62	62	10	65	30	71(250)
85.3	10.6	62	62	26	26	77	38	45	15(38)	75	11	69	21
		68	7	73	27(106)	24	24	64	64	7	68	27	73(253)
91.9	9.5	63	63	25	25	79	37	45	13(39)	76	9	70	19
		69	5	75	26(107)	23	23	64	64	5	68	27	75(252)
98.4	8.2	63	63	24	24	80	37	45	12(39)	77	8	70	18
		69	4	75	25(107)	22	22	65	65	4	69	26	75(252)
105.0	6.8	62	62	24	24	79	36	45	12(39)	76	8	70	18
		69	3	75	25(107)	22	22	64	64	3	68	26	75(252)
111.5	6.0	63	63	23	23	81	35	45	10(40)	77	6	71	17
		69	2	76	25(108)	21	21	65	65	1	68	25	76(251)
118.1	5.1	63	63	22	22	81	35	45	9(40)	78	5	71	16
		69	0	77	24(108)	20	20	65	65	0	69	24	77(251)
124.7	4.2	63	63	22	22	82	34	45	9(40)	78	4	71	15
		69	0	77	23(108)	19	19	65	65	0	68	23	78(251)
131.2	3.3	63	63	21	21	82	33	45	8(41)	78	4	71	15
		68	0	78	23(109)	19	19	65	65	0	67	23	78(250)
137.8	2.4	63	63	21	21	81	34	44	8(40)	77	4	71	15
		68	0	77	22(108)	19	19	65	65	0	67	23	78(251)

 HA=110.2 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.3 7.3

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 114.5 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-45-100-100 % LK = 37

Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)								
	4(...)	5(180)	6(...)										
A B C D	A B C D	A B C D	A B C D										
59.1	12.6	53	53	36	36	58	47	40	33(19)	59	28	57	34
		59	28	58	34(92)	34	34	55	55	28	59	34	58(267)
65.6	11.5	54	54	34	34	62	45	42	29(27)	62	25	59	31
		60	23	61	33(98)	32	32	56	56	23	60	33	61(261)
72.2	10.6	56	56	32	32	66	43	43	25(32)	65	21	62	28
		62	19	64	32(103)	30	30	58	58	19	61	32	64(256)
78.7	9.9	58	58	30	30	70	40	44	21(36)	68	18	64	26
		63	15	67	30(106)	28	28	60	60	15	63	31	67(253)
85.3	9.3	60	60	28	28	73	40	44	19(36)	71	15	66	23
		64	11	70	30(109)	26	26	61	61	11	63	30	71(250)
91.9	8.6	61	61	26	26	76	38	45	15(38)	73	11	68	21
		67	8	72	27(106)	24	24	63	63	7	67	27	72(253)
98.4	8.2	63	63	24	24	80	37	45	12(39)	77	8	70	18
		69	4	75	25(107)	22	22	65	65	4	69	26	75(252)
105.0	6.8	62	62	24	24	79	36	45	12(39)	76	8	70	18
		69	3	75	25(107)	22	22	64	64	3	68	26	75(252)
111.5	6.0	63	63	23	23	81	35	45	10(40)	77	6	71	17
		69	2	76	25(108)	21	21	65	65	1	68	25	76(251)

118.1	5.1	63	63	22	22	81	35	45	9(40)	78	5	71	16
		69	0	77	24(108)	20	20	65	65	0	69	24	77(251)
124.7	4.0	63	63	22	22	81	34	45	9(40)	77	5	71	16
		69	0	76	24(108)	20	20	65	65	0	68	24	76(251)
131.2	3.1	62	62	22	22	80	34	45	9(40)	77	5	71	16
		69	0	76	24(108)	19	19	65	65	0	68	24	77(251)
137.8	2.4	63	63	21	21	81	34	44	8(40)	77	4	71	15
		68	0	77	22(108)	19	19	65	65	0	67	22	78(251)

 HA=114.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.2 7.2

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	13.4	55	55	35	35	61	46	42	30(25)	62	26	59	32
		60	25	60	33(97)	33	33	56	56	25	60	34	61(262)
65.6	12.8	57	57	32	32	67	43	43	25(32)	66	22	62	28
		62	19	65	32(103)	30	30	59	59	19	62	32	65(256)
72.2	12.1	59	59	30	30	72	40	45	21(37)	70	17	65	25
		64	14	69	31(107)	28	28	61	61	14	63	31	69(252)
78.7	11.5	61	61	27	27	76	39	45	17(37)	73	13	68	22
		68	10	72	28(105)	26	26	63	63	10	67	28	72(254)
85.3	10.8	63	63	25	25	80	37	45	13(39)	77	10	70	20
		69	6	75	26(107)	23	23	65	65	5	69	27	75(252)
91.9	9.3	63	63	24	24	80	37	45	13(39)	77	9	71	19
		69	4	75	26(107)	22	22	65	65	4	69	26	76(252)
98.4	7.7	63	63	24	24	80	37	45	12(39)	77	8	70	18
		69	4	75	25(107)	22	22	65	65	4	69	26	75(252)
105.0	6.6	63	63	23	23	80	35	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	68	26	76(251)
111.5	5.5	63	63	22	22	81	35	45	10(40)	77	6	71	17
		69	1	76	24(108)	21	21	65	65	1	68	25	76(251)
118.1	4.6	63	63	22	22	81	35	45	9(40)	78	5	71	16
		69	0	77	24(108)	20	20	65	65	0	69	24	77(251)
124.7	3.5	63	63	22	22	81	34	45	9(40)	77	5	71	16
		69	0	76	24(108)	20	20	65	65	0	68	24	77(251)
131.2	2.6	62	62	22	22	80	34	44	9(40)	77	5	71	16
		68	0	76	23(108)	19	19	65	65	0	67	24	77(251)

 HA=124.3 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.1 7.2

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 130.9 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)				2(...)				
	3(90)				4(...)				

	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
65.6	11.5	55	55	33	33	63	44	42	28	(29)	63	24	60	30
	61	22	62	32	(100)	32	32	57	57	22	60	33	62	(259)
72.2	10.8	57	57	31	31	68	42	43	23	(34)	67	20	63	27
	62	17	66	31	(105)	29	29	59	59	17	62	32	66	(254)
78.7	10.1	59	59	29	29	72	41	43	20	(35)	70	16	65	24
	64	12	69	30	(108)	27	27	61	61	12	63	31	69	(251)
85.3	9.5	61	61	27	27	75	39	44	17	(37)	73	13	68	22
	67	9	71	27	(105)	25	25	63	63	9	67	28	72	(254)
91.9	8.8	62	62	25	25	79	37	45	13	(39)	76	9	70	19
	69	5	74	26	(107)	23	23	64	64	5	68	27	75	(252)
98.4	7.7	63	63	24	24	80	37	45	12	(39)	77	8	71	18
	69	3	75	25	(107)	22	22	65	65	3	69	26	76	(252)
105.0	6.4	63	63	23	23	80	35	45	11	(40)	77	7	70	18
	69	2	76	25	(108)	21	21	65	65	2	68	26	76	(251)
111.5	5.3	62	62	23	23	80	35	45	11	(40)	77	6	71	17
	69	2	76	25	(108)	21	21	65	65	2	68	25	76	(251)
118.1	4.4	63	63	22	22	81	35	45	9	(40)	77	5	71	16
	69	0	76	24	(108)	20	20	65	65	0	68	25	77	(251)
124.7	3.5	63	63	22	22	81	34	45	9	(40)	78	5	71	16
	69	0	77	23	(108)	19	19	65	65	0	68	24	77	(251)
131.2	2.6	63	63	21	21	81	34	44	9	(40)	77	4	71	15
	68	0	77	23	(108)	19	19	65	65	0	67	23	77	(251)

HA=130.9 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.2 7.2

Main boom and fixed jib (jib angle 20.0 degrees)
Length of main boom = 138.1 ft Length of jib = 82.0 ft
Main boom sequence = 0-0-45-90-90-90 % LK = 54
Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)									
	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
65.6	12.6	57	57	32	32	68	43	43	24	(33)	67	21	63	28
	63	18	66	32	(104)	30	30	59	59	18	62	32	66	(255)
72.2	12.1	60	60	29	29	73	41	44	20	(35)	71	16	66	24
	65	12	70	30	(108)	27	27	62	62	12	64	31	71	(251)
78.7	11.5	62	62	26	26	78	39	45	15	(38)	75	12	69	21
	69	8	73	27	(106)	24	24	64	64	8	68	28	74	(253)
85.3	9.7	62	62	25	25	78	38	45	14	(38)	75	11	69	20
	69	6	74	26	(106)	24	24	64	64	6	68	27	74	(253)
91.9	8.2	62	62	25	25	78	37	45	13	(39)	75	9	69	19
	68	5	74	26	(107)	23	23	64	64	5	68	26	74	(252)
98.4	6.8	62	62	24	24	79	36	45	12	(39)	76	8	70	18
	68	4	75	25	(107)	22	22	64	64	4	68	26	75	(252)
105.0	5.5	62	62	24	24	79	36	44	12	(39)	76	8	70	18
	68	3	75	25	(107)	21	21	64	64	3	68	25	75	(252)
111.5	4.4	62	62	23	23	79	35	44	11	(39)	76	7	70	17
	68	2	75	24	(107)	21	21	64	64	2	68	25	75	(252)
118.1	3.5	62	62	22	22	80	34	45	10	(40)	76	6	70	17
	68	1	75	24	(108)	20	20	64	64	1	67	25	76	(251)

124.7 2.6 62 62 22 22 80 34 44 9(40) 77 5 70 16
 68 0 76 24(108) 20 20 64 64 0 68 24 76(251)

HA=138.1 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 7.0 7.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 145.0 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-45-100-100-100 % LK = 55

Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
65.6	11.7	56	56	32	32	65	43	43	26(31)	65	22	62	29
		62	20	64	32(103)	31	31	58	58	19	61	32	64(256)
72.2	10.8	58	58	30	30	70	41	44	22(35)	68	18	64	26
		63	15	67	31(106)	28	28	60	60	15	63	31	67(253)
78.7	10.1	60	60	28	28	74	40	44	18(36)	72	14	67	23
		64	10	71	30(109)	26	26	62	62	10	64	30	71(250)
85.3	9.5	62	62	26	26	77	38	45	15(38)	75	11	69	20
		68	7	73	26(106)	24	24	64	64	7	68	27	74(253)
91.9	7.9	62	62	25	25	78	37	45	14(39)	75	10	69	19
		68	6	74	26(107)	23	23	64	64	5	67	27	74(252)
98.4	6.6	62	62	24	24	78	36	45	13(39)	75	9	69	19
		68	4	74	26(107)	22	22	64	64	4	67	26	74(252)
105.0	5.3	62	62	24	24	78	36	44	12(39)	75	8	69	18
		68	4	74	25(107)	22	22	64	64	4	67	26	74(252)
111.5	4.2	62	62	23	23	78	36	44	11(39)	75	7	69	18
		68	3	74	25(107)	21	21	64	64	3	67	25	74(252)
118.1	3.3	62	62	23	23	79	35	45	11(40)	76	6	70	17
		68	2	75	24(108)	21	21	64	64	2	67	25	75(251)
124.7	2.4	62	62	22	22	79	34	44	10(40)	76	6	70	16
		68	1	75	24(108)	20	20	64	64	1	67	25	75(251)

HA=145.0 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 7.0 7.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 152.2 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-90-90-90-90 % LK = 62

Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
72.2	11.9	61	61	28	28	74	40	44	19(36)	72	15	67	23
		65	11	71	30(109)	26	26	62	62	11	65	30	71(250)
78.7	10.4	61	61	27	27	76	39	44	16(37)	74	13	68	22
		68	9	72	27(105)	25	25	63	63	9	67	28	72(254)
85.3	8.6	61	61	26	26	77	38	45	15(38)	74	11	68	21
		67	7	73	27(106)	24	24	63	63	7	67	27	73(253)
91.9	7.1	61	61	25	25	77	37	44	14(38)	74	10	68	20
		67	6	73	26(106)	23	23	63	63	6	67	26	73(253)

98.4	5.7	61	61	24	24	77	37	44	13(38)	74	9	69	19
		68	5	73	25(106)	22	22	63	63	5	67	26	73(253)
105.0	4.6	61	61	24	24	78	36	44	12(39)	75	8	69	18
		67	4	74	25(107)	22	22	63	63	4	67	26	74(252)
111.5	3.5	61	61	23	23	78	35	44	12(39)	75	7	69	18
		67	3	74	25(107)	21	21	63	63	3	67	25	74(252)
118.1	2.4	61	61	23	23	78	35	44	11(39)	75	7	69	17
		67	3	74	24(107)	21	21	63	63	2	67	25	74(252)

 HA=152.2 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.9 6.9

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 161.4 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
72.2	10.8	59	59	29	29	72	40	45	20(37)	70	17	65	25
		63	13	69	31(108)	27	27	61	61	13	63	31	69(251)
78.7	9.9	61	61	27	27	75	39	44	17(37)	73	13	67	22
		67	9	71	27(105)	25	25	63	63	9	67	28	71(254)
85.3	8.2	61	61	26	26	75	39	44	16(37)	73	12	68	21
		67	8	71	27(105)	24	24	63	63	8	67	27	72(254)
91.9	6.8	61	61	25	25	76	37	44	14(38)	74	10	68	20
		67	6	73	26(106)	23	23	63	63	6	67	26	73(253)
98.4	5.3	60	60	25	25	76	37	44	14(38)	73	10	68	20
		67	6	72	26(106)	23	23	63	63	6	66	26	72(253)
105.0	4.2	61	61	24	24	77	37	43	13(38)	74	9	68	19
		67	5	73	25(106)	22	22	63	63	5	67	26	73(253)
111.5	3.1	60	60	24	24	77	35	44	12(39)	74	8	68	18
		67	4	73	25(107)	21	21	63	63	4	66	26	73(252)

 HA=161.4 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.8 6.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 166.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
72.2	11.0	60	60	28	28	74	40	44	19(36)	72	15	67	23
		65	11	71	30(109)	26	26	62	62	11	64	30	71(250)
78.7	9.0	60	60	27	27	74	39	44	17(37)	72	13	67	22
		67	10	71	28(105)	25	25	62	62	9	66	28	71(254)
85.3	7.3	60	60	26	26	75	38	44	16(37)	72	12	67	21
		67	9	71	27(105)	24	24	62	62	8	66	27	71(254)
91.9	5.7	60	60	26	26	75	38	43	15(37)	72	11	67	21
		67	7	71	26(105)	24	24	62	62	7	66	26	71(254)

98.4 4.4 60 60 25 25 75 37 44 14(38) 73 10 67 20
 66 6 72 26(106) 23 23 62 62 6 66 26 72(253)
 105.0 3.3 60 60 24 24 76 36 43 13(38) 73 9 68 19
 67 5 72 25(106) 22 22 62 62 5 66 26 72(253)
 111.5 2.2 60 60 24 24 76 36 43 13(38) 73 8 68 19
 67 4 72 25(106) 22 22 62 62 4 66 25 72(253)

 HA=166.0 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.0 6.1 6.7 6.7

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 175.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)		2(...)		3(90)		6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D
78.7	8.6	60	60	27 27	73	39	44	18(36)	71	14	66	23
	64	10	71	29(109)	26	26	62	62	10	64	30	71(250)
85.3	6.8	60	60	27 27	73	39	43	17(36)	71	13	66	22
	66	9	70	27(104)	25	25	62	62	9	66	27	70(255)
91.9	5.5	60	60	26 26	74	38	43	15(37)	72	11	67	21
	66	8	71	26(105)	24	24	62	62	7	66	27	71(254)
98.4	4.2	60	60	25 25	75	37	44	15(38)	72	10	67	20
	66	6	71	26(106)	23	23	62	62	6	65	26	71(253)
105.0	2.9	59	59	25 25	75	36	43	14(38)	72	10	67	20
	66	6	71	26(106)	22	22	62	62	6	65	26	71(253)

 HA=175.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.0 6.1 6.6 6.6

HA=175.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

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H

DEMAG Mobile Cranes
 O U T R I G G E R - L O A D I N G S
 (Variance = +/-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer KS

Outrigger width = 18.7 ft Outrigger length = 27.7 ft
 Outrigger "A" X = 12.0 ft Outrigger "A" Y = 9.4 ft
 Outrigger "B" X = 12.0 ft Outrigger "B" Y = -9.4 ft
 Outrigger "C" X = -15.7 ft Outrigger "C" Y = 9.4 ft
 Outrigger "D" X = -15.7 ft Outrigger "D" Y = -9.4 ft

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 40.7 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-0 % LK = 1
 Counterweight = 32.6 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
52.5	13.2	47	47	42	42	50	41	47	41(59)	49	39	49	42	
		46	38	50	44(128)	41	41	49	49	38	46	44	50(232)	
59.1	12.1	49	49	40	40	53	39	48	37(59)	52	35	52	39	
		47	34	53	43(128)	38	38	50	50	34	47	43	53(232)	
65.6	11.5	51	51	38	38	52	49	39	37(6)	56	31	54	36	
		56	31	54	36(90)	36	36	52	52	31	56	36	54(270)	
72.2	10.8	53	53	35	35	58	46	40	32(21)	59	27	57	33	
		59	26	58	33(93)	34	34	54	54	26	58	33	58(266)	
78.7	10.1	54	54	33	33	62	44	41	27(28)	62	23	60	30	
		60	22	62	32(100)	31	31	56	56	21	60	32	62(259)	
85.3	9.5	56	56	31	31	67	42	43	24(33)	66	20	62	27	
		62	17	65	31(104)	29	29	58	58	17	61	31	65(255)	
91.9	9.3	59	59	28	28	72	40	43	19(35)	70	15	65	24	
		64	11	69	30(108)	26	26	61	61	11	63	30	70(251)	
98.4	8.8	61	61	26	26	77	38	45	15(38)	74	11	68	21	
		67	7	73	26(106)	24	24	63	63	7	67	27	73(253)	

HA= 40.7 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.7 6.8

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 32.6 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
52.5	13.2	47	47	43	43	50	41	47	41(59)	49	39	49	42	
		46	38	50	44(128)	41	41	48	48	38	46	44	50(232)	
59.1	12.3	49	49	40	40	54	39	48	37(59)	52	35	52	39	
		47	34	54	43(128)	38	38	50	50	34	47	43	54(232)	
65.6	11.7	51	51	38	38	52	49	39	36(7)	56	31	55	35	
		56	31	55	35(90)	36	36	52	52	31	56	35	55(270)	
72.2	11.0	53	53	35	35	58	46	40	32(21)	59	27	57	33	
		59	26	58	33(94)	34	34	55	55	26	58	34	58(265)	

78.7 10.4 55 55 33 33 63 44 42 27(29) 63 23 60 30
60 22 62 32(100) 31 31 56 56 21 60 32 62(259)
85.3 9.9 57 57 31 31 67 41 43 23(34) 66 19 63 27
62 17 65 31(105) 29 29 59 59 16 62 31 66(254)
91.9 9.5 59 59 28 28 71 40 43 19(35) 70 15 65 24
63 12 69 30(108) 26 26 61 61 12 63 30 69(251)
98.4 9.0 61 61 26 26 76 39 44 16(37) 73 12 68 21
67 8 72 26(105) 24 24 63 63 8 67 27 72(254)
105.0 8.2 62 62 25 25 78 37 45 13(39) 75 9 69 19
68 5 74 26(107) 23 23 64 64 5 68 26 74(252)

HA= 54.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 6.9 6.9

Main boom and fixed jib (jib angle 40.0 degrees)
Length of main boom = 68.6 ft Length of jib = 82.0 ft
Main boom sequence = 0-0-0-0-0-90 % LK = 13
Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)							
	4(...)				5(180)				6(...)			
	A	B	C	D	A	B	C	D	A	B	C	D
59.1 12.3	49	49	40	40	54	39	48	37(59)	52	35	52	39
	47	34	54	43(128)	38	38	50	50	34	47	43	54(232)
65.6 11.7	51	51	38	38	52	49	39	37(6)	56	31	55	35
	56	31	55	35(90)	36	36	52	52	31	56	35	55(270)
72.2 10.8	52	52	36	36	57	47	40	32(19)	59	28	57	33
	58	27	57	33(92)	34	34	54	54	27	58	34	57(267)
78.7 10.1	54	54	34	34	62	44	41	28(27)	62	24	59	30
	60	22	61	32(99)	32	32	56	56	22	60	33	61(260)
85.3 9.3	55	55	32	32	65	43	42	25(31)	64	21	61	28
	61	19	63	31(102)	30	30	57	57	19	61	32	63(257)
91.9 8.6	57	57	30	30	68	40	43	22(35)	67	18	63	26
	62	15	66	31(106)	28	28	59	59	15	62	31	66(253)
98.4 7.9	58	58	28	28	71	40	43	19(35)	69	15	65	24
	63	12	69	30(108)	26	26	60	60	12	62	30	69(251)
105.0 7.5	60	60	26	26	74	38	44	16(37)	72	12	67	21
	66	9	71	27(105)	24	24	62	62	8	66	27	71(254)
111.5 7.1	62	62	24	24	78	36	45	13(39)	75	9	69	19
	68	5	74	26(107)	22	22	64	64	5	67	26	74(252)
118.1 6.2	62	62	23	23	79	36	45	11(39)	76	7	70	18
	69	3	75	25(107)	21	21	64	64	3	68	25	75(252)

HA= 68.6 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 7.0 7.0

Main boom and fixed jib (jib angle 40.0 degrees)
Length of main boom = 70.2 ft Length of jib = 82.0 ft
Main boom sequence = 0-0-0-0-0-100 % LK = 14
Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)							
	4(...)				5(180)				6(...)			
	A	B	C	D	A	B	C	D	A	B	C	D

59.1	11.5	47	47	41	41	52	39	47	38(59)	50	36	50	40
		46	35	52	43(128)	39	39	49	49	35	46	43	52(232)
65.6	10.4	49	49	39	39	54	37	48	35(59)	53	33	52	37
		53	33	52	37(90)	37	37	51	51	33	53	37	52(270)
72.2	9.5	50	50	37	37	52	49	38	36(7)	55	30	54	35
		55	30	54	35(90)	35	35	52	52	30	55	35	54(270)
78.7	8.8	52	52	35	35	57	46	40	32(20)	58	27	56	32
		58	26	57	33(92)	33	33	54	54	26	58	33	57(267)
85.3	7.9	53	53	34	34	60	44	40	29(25)	60	24	58	31
		59	23	59	32(97)	32	32	55	55	23	59	32	59(262)
91.9	7.5	55	55	32	32	64	42	42	25(31)	63	21	60	28
		60	19	63	31(102)	30	30	57	57	19	60	31	63(257)
98.4	6.8	56	56	30	30	67	40	43	22(34)	65	19	62	26
		61	16	65	30(105)	28	28	58	58	15	61	31	65(254)
105.0	6.4	58	58	28	28	70	40	42	20(34)	68	15	64	24
		62	12	68	29(107)	26	26	60	60	12	62	30	68(252)
111.5	6.0	59	59	26	26	73	39	43	17(36)	71	13	66	22
		66	9	70	26(104)	24	24	61	61	9	65	27	70(255)
118.1	5.5	60	60	25	25	76	37	44	14(38)	73	10	68	19
		67	6	72	26(106)	22	22	63	63	6	67	26	73(253)

 HA= 70.2 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.7 6.7

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 82.3 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
65.6	11.9	51	51	37	37	54	49	39	35(11)	57	30	55	35
		57	30	55	35(90)	35	35	53	53	30	57	35	55(270)
72.2	11.0	53	53	35	35	58	46	41	31(22)	60	27	58	32
		59	26	58	33(94)	33	33	55	55	26	59	33	58(265)
78.7	10.4	55	55	33	33	63	44	42	27(29)	63	23	60	30
		60	21	62	32(100)	31	31	57	57	21	60	32	62(259)
85.3	9.7	56	56	31	31	67	42	43	24(33)	66	20	62	27
		62	17	65	31(104)	29	29	58	58	17	62	31	65(255)
91.9	9.0	58	58	29	29	70	40	44	20(36)	69	17	64	25
		63	13	68	30(107)	27	27	60	60	13	63	30	68(252)
98.4	8.4	60	60	27	27	73	39	43	18(36)	71	14	66	22
		64	10	71	29(109)	25	25	62	62	10	63	30	71(250)
105.0	7.9	61	61	25	25	77	38	44	14(38)	74	10	69	20
		68	6	73	26(106)	23	23	63	63	6	67	27	73(253)
111.5	7.1	62	62	24	24	78	36	45	13(39)	75	9	69	19
		68	4	74	26(107)	22	22	64	64	4	68	26	75(252)
118.1	6.2	62	62	23	23	80	35	45	11(40)	77	7	70	17
		68	2	75	25(108)	21	21	65	65	2	68	26	76(251)
124.7	5.3	63	63	22	22	81	35	45	10(40)	77	6	71	17
		69	1	76	24(108)	20	20	65	65	1	68	25	76(251)
131.2	4.4	63	63	22	22	81	34	45	9(40)	78	5	71	16
		69	0	77	24(108)	20	20	65	65	0	68	24	77(251)

 HA= 82.3 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.3 7.1 7.1

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 84.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.		
		1(0)		2(...)				3(90)		6(...)						
		A	B	C	D	A	B	C	D	A	B	C	D			
65.6	10.6	49	49	39	39	55	37	49	35	(59)	54	32	53	37		
		54	32	53	37	(90)	37	37	51	51		32	54	37	53	(270)
72.2	9.7	51	51	37	37	54	48	39	35	(12)	56	29	55	34		
		56	29	55	34	(90)	35	35	53	53		29	56	34	55	(270)
78.7	9.0	52	52	35	35	58	46	40	31	(22)	59	26	57	32		
		58	25	58	33	(95)	33	33	54	54		25	58	33	58	(264)
85.3	8.4	54	54	33	33	62	43	41	27	(28)	62	23	59	30		
		60	21	61	32	(100)	31	31	56	56		21	59	32	61	(259)
91.9	7.7	55	55	31	31	65	42	42	24	(32)	64	20	61	27		
		61	18	64	31	(103)	29	29	58	58		17	61	31	64	(256)
98.4	7.3	57	57	29	29	69	39	43	21	(36)	67	17	63	25		
		62	13	67	30	(107)	27	27	59	59		13	62	30	67	(252)
105.0	6.8	59	59	27	27	72	39	43	18	(36)	70	14	65	22		
		63	10	70	29	(109)	25	25	61	61		10	63	30	70	(250)
111.5	6.4	60	60	25	25	76	37	44	15	(38)	73	11	68	20		
		67	7	72	26	(106)	23	23	62	62		7	66	27	72	(253)
118.1	6.0	62	62	24	24	78	36	44	12	(39)	75	8	70	18		
		68	4	74	25	(107)	22	22	64	64		3	68	26	75	(252)
124.7	5.3	63	63	22	22	80	35	45	10	(40)	77	6	71	17		
		69	1	76	24	(108)	20	20	65	65		1	68	25	76	(251)
131.2	4.4	63	63	22	22	81	34	45	9	(40)	77	5	71	16		
		69	0	77	24	(108)	20	20	65	65		0	68	24	77	(251)

 HA= 84.0 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.3 7.1 7.1

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.		
		1(0)		2(...)				3(90)		6(...)						
		A	B	C	D	A	B	C	D	A	B	C	D			
65.6	11.7	51	51	37	37	53	49	39	36	(10)	57	30	55	35		
		57	30	55	35	(90)	35	35	53	53		30	57	35	55	(270)
72.2	11.2	54	54	35	35	60	46	41	30	(24)	61	26	58	32		
		59	25	59	33	(96)	33	33	55	55		25	59	33	59	(263)
78.7	10.4	55	55	33	33	63	43	42	27	(30)	63	23	60	29		
		61	21	62	32	(101)	31	31	57	57		21	60	32	62	(258)
85.3	9.9	57	57	30	30	68	41	43	23	(34)	67	19	63	26		
		62	16	66	31	(105)	29	29	59	59		16	62	31	66	(254)

91.9	9.3	59	59	28	28	71	40	43	20(35)	70	16	65	24
		63	12	69	30(108)	27	27	61	61	12	63	30	69(251)
98.4	8.6	60	60	27	27	75	39	44	17(37)	72	13	67	22
		67	9	71	27(105)	25	25	62	62	9	66	28	71(254)
105.0	8.2	62	62	25	25	78	37	45	13(39)	75	9	69	19
		68	5	74	26(107)	23	23	64	64	5	68	26	74(252)
111.5	7.1	62	62	24	24	79	36	45	12(39)	76	8	70	18
		69	4	75	25(107)	22	22	64	64	4	68	26	75(252)
118.1	6.0	62	62	23	23	79	36	45	11(39)	76	7	70	18
		69	3	75	25(107)	21	21	64	64	3	68	25	75(252)
124.7	5.1	62	62	23	23	80	35	45	10(40)	77	6	70	17
		68	2	76	25(108)	21	21	65	65	1	68	25	76(251)
131.2	4.2	62	62	22	22	80	35	45	10(40)	77	6	71	16
		69	1	76	24(108)	20	20	65	65	0	68	25	76(251)
137.8	3.3	62	62	22	22	80	34	45	9(40)	77	5	71	16
		69	0	76	24(108)	19	19	65	65	0	68	24	76(251)
144.4	2.6	63	63	21	21	82	33	45	8(41)	78	4	71	15
		67	0	78	22(109)	19	19	65	65	0	66	22	79(250)

HA= 96.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.3 7.3 7.3

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 100.4 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-100-100 % LK = 29

Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
65.6	10.6	50	50	38	38	56	37	49	34(59)	54	32	53	36
		54	32	53	36(90)	37	37	51	51	32	54	36	53(270)
72.2	9.9	52	52	36	36	55	47	39	34(16)	57	28	56	34
		57	28	56	34(90)	34	34	53	53	28	57	34	56(270)
78.7	9.3	53	53	34	34	60	45	41	29(25)	60	25	58	31
		59	24	59	32(97)	32	32	55	55	24	59	33	59(262)
85.3	8.6	55	55	32	32	63	43	42	26(30)	63	22	60	29
		60	20	62	31(101)	30	30	57	57	20	60	32	62(258)
91.9	8.2	57	57	30	30	68	41	43	22(34)	66	18	63	26
		62	15	66	30(105)	28	28	59	59	15	62	31	66(254)
98.4	7.5	58	58	28	28	70	40	42	20(34)	69	16	64	24
		63	12	68	30(108)	26	26	60	60	12	62	30	68(251)
105.0	7.1	60	60	26	26	74	38	44	17(37)	72	13	67	22
		66	9	70	27(105)	24	24	62	62	9	65	27	71(254)
111.5	6.8	62	62	24	24	78	36	45	13(39)	75	9	69	19
		68	5	74	26(107)	22	22	64	64	4	67	26	74(252)
118.1	6.0	62	62	23	23	79	36	45	11(39)	76	7	70	18
		69	3	75	25(107)	21	21	64	64	3	68	25	75(252)
124.7	5.1	62	62	23	23	80	35	45	10(40)	77	6	70	17
		68	2	76	25(108)	21	21	65	65	2	68	25	76(251)
131.2	4.4	63	63	22	22	81	34	45	9(40)	78	5	71	16
		69	0	77	24(108)	20	20	65	65	0	68	24	77(251)
137.8	3.3	62	62	22	22	80	34	45	9(40)	77	5	71	16
		69	0	76	24(108)	20	20	65	65	0	68	24	76(251)

144.4 2.6 63 63 21 21 82 33 45 8(41) 78 4 71 15
 67 0 78 22(109) 19 19 65 65 0 67 23 78(250)

HA=100.4 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.3 7.3 7.3

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
72.2	11.2	54	54	34	34	61	45	41	29(26)	62	25	59	31
		60	24	60	33(98)	32	32	56	56	24	60	33	60(261)
78.7	10.6	56	56	32	32	65	43	43	25(32)	65	21	62	28
		61	19	64	32(103)	30	30	58	58	19	61	32	64(256)
85.3	10.1	58	58	30	30	70	40	44	21(36)	69	17	64	25
		63	14	68	31(107)	28	28	60	60	14	63	31	68(252)
91.9	9.5	60	60	28	28	74	40	44	18(36)	72	14	67	23
		64	10	71	30(109)	26	26	62	62	10	64	30	71(250)
98.4	9.0	62	62	25	25	78	38	45	14(38)	75	10	69	20
		68	6	74	26(106)	23	23	64	64	6	68	27	74(253)
105.0	7.9	62	62	24	24	79	37	45	13(39)	76	9	70	19
		69	4	75	26(107)	22	22	64	64	4	68	26	75(252)
111.5	6.6	62	62	24	24	79	36	45	12(39)	76	8	70	18
		68	4	75	25(107)	22	22	64	64	4	68	26	75(252)
118.1	5.7	62	62	23	23	80	35	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	68	25	76(251)
124.7	4.9	63	63	22	22	81	35	45	10(40)	77	6	71	16
		69	1	76	24(108)	20	20	65	65	0	68	25	77(251)
131.2	4.0	63	63	22	22	81	34	45	9(40)	78	5	71	16
		69	0	77	23(108)	19	19	65	65	0	68	24	77(251)
137.8	3.1	63	63	21	21	81	34	45	9(40)	78	4	71	15
		68	0	77	22(108)	19	19	65	65	0	67	23	78(251)

HA=110.2 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.3 7.2 7.2

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 114.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
72.2	10.1	52	52	35	35	57	46	40	32(20)	59	27	57	33
		58	27	57	33(92)	34	34	54	54	27	58	33	57(267)
78.7	9.5	54	54	33	33	62	44	41	28(28)	62	24	59	30
		60	22	61	32(99)	31	31	56	56	22	60	32	61(260)
85.3	8.8	56	56	31	31	65	42	42	24(32)	65	20	62	28
		61	18	64	31(103)	29	29	58	58	18	61	31	64(256)

91.9	8.4	58	58	29	29	70	40	43	21(36)	68	17	64	25
		63	13	68	30(107)	27	27	60	60	13	62	30	68(252)
98.4	7.7	59	59	27	27	73	39	43	18(36)	71	14	66	23
		63	10	70	29(109)	25	25	61	61	10	63	30	70(250)
105.0	7.3	61	61	25	25	76	37	44	15(38)	74	11	68	20
		67	7	73	26(106)	23	23	63	63	6	67	27	73(253)
111.5	6.8	63	63	24	24	80	36	45	11(39)	77	7	70	18
		69	3	75	25(107)	21	21	65	65	3	69	25	75(252)
118.1	5.7	62	62	23	23	80	35	45	11(40)	77	7	71	17
		69	2	76	25(108)	21	21	65	65	2	68	25	76(251)
124.7	4.9	63	63	22	22	81	35	45	10(40)	77	6	71	16
		69	1	76	24(108)	20	20	65	65	1	68	25	76(251)
131.2	4.0	63	63	22	22	81	34	45	9(40)	78	5	71	16
		69	0	77	24(108)	19	19	65	65	0	68	24	77(251)
137.8	3.1	63	63	21	21	81	34	45	9(40)	78	4	71	15
		68	0	77	23(108)	19	19	65	65	0	68	23	78(251)
144.4	2.2	62	62	21	21	81	34	44	8(40)	77	4	71	15
		68	0	77	22(108)	19	19	65	65	0	67	23	77(251)

 HA=114.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.2 7.2

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 124.3 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-90-90-90 % LK = 45

Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip] (Pos.[Degrees]) 0-360 Degr.												
	1(0)				2(...)				3(90)				
	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
72.2	11.0	54	54	34	34	61	45	41	29(26)	62	25	59	31
		60	23	60	33(98)	32	32	56	56	23	60	33	61(261)
78.7	10.6	56	56	32	32	67	42	43	24(33)	66	21	62	28
		62	18	65	32(104)	30	30	58	58	18	62	32	65(255)
85.3	10.1	59	59	29	29	72	40	44	20(37)	69	16	65	24
		63	13	69	30(108)	27	27	61	61	13	63	31	69(251)
91.9	9.5	60	60	27	27	75	39	44	17(37)	73	13	67	22
		67	9	71	27(105)	25	25	62	62	9	67	28	71(254)
98.4	8.8	62	62	25	25	78	37	45	14(39)	75	10	69	19
		68	6	74	26(107)	23	23	64	64	5	68	27	74(252)
105.0	7.5	62	62	24	24	79	37	45	13(39)	76	9	70	19
		68	4	74	26(107)	22	22	64	64	4	68	26	75(252)
111.5	6.4	62	62	24	24	79	36	45	12(39)	76	7	70	18
		69	3	75	25(107)	21	21	64	64	3	68	25	75(252)
118.1	5.5	63	63	23	23	81	35	45	10(40)	77	6	71	17
		69	1	76	24(108)	21	21	65	65	1	68	25	76(251)
124.7	4.6	63	63	22	22	81	35	45	9(40)	78	5	71	16
		69	0	77	24(108)	20	20	65	65	0	69	24	77(251)
131.2	3.5	63	63	22	22	81	34	45	9(40)	77	5	71	16
		69	0	76	24(108)	20	20	65	65	0	68	24	77(251)
137.8	2.6	62	62	22	22	81	34	44	9(40)	77	4	71	15
		68	0	77	23(108)	19	19	65	65	0	67	23	77(251)

 HA=124.3 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.1 7.2

 Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 130.9 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
78.7	9.5	55	55	33	33	63	43	42	27	(29)	63	23	60	29
		60	21	62	32	(101)	31	31	57	57	21	60	32	62(258)
85.3	8.8	56	56	31	31	67	41	43	23	(34)	66	19	62	27
		62	17	65	31	(105)	29	29	58	58	16	61	31	65(254)
91.9	8.4	58	58	28	28	71	40	43	20	(35)	69	15	65	24
		63	12	69	30	(108)	26	26	60	60	12	63	30	69(251)
98.4	7.9	60	60	26	26	75	39	44	16	(37)	73	12	67	21
		67	8	71	27	(105)	24	24	62	62	8	67	27	71(254)
105.0	7.5	62	62	24	24	79	37	45	13	(39)	76	9	70	19
		69	4	75	26	(107)	22	22	64	64	4	68	26	75(252)
111.5	6.4	62	62	23	23	80	36	45	11	(39)	76	7	70	18
		69	3	75	25	(107)	21	21	65	65	3	68	25	75(252)
118.1	5.3	62	62	23	23	80	35	45	11	(40)	77	7	70	17
		68	2	75	25	(108)	21	21	65	65	2	68	25	76(251)
124.7	4.4	63	63	22	22	81	35	45	10	(40)	77	6	71	16
		69	1	76	24	(108)	20	20	65	65	0	68	25	76(251)
131.2	3.5	63	63	22	22	81	34	45	9	(40)	77	5	71	16
		69	0	77	24	(108)	19	19	65	65	0	68	24	77(251)
137.8	2.6	63	63	21	21	81	34	44	9	(40)	77	4	71	15
		68	0	77	23	(108)	19	19	65	65	0	67	23	77(251)

 HA=130.9 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.3 7.1 7.2

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 32.6 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		4(...)				5(180)				6(...)				
A	B	C	D	A	B	C	D	A	B	C	D			
78.7	10.6	57	57	31	31	68	41	43	23	(34)	67	19	63	27
		62	16	66	31	(105)	29	29	59	59	16	62	31	66(254)
85.3	10.1	60	60	28	28	73	40	44	19	(36)	71	15	66	23
		64	11	70	30	(109)	26	26	62	62	11	63	30	71(250)
91.9	9.7	62	62	26	26	78	38	45	15	(38)	75	11	69	20
		68	7	73	26	(106)	24	24	64	64	7	68	27	74(253)
98.4	8.4	62	62	25	25	79	37	45	13	(39)	76	9	70	19
		69	5	75	26	(107)	23	23	64	64	5	68	26	75(252)
105.0	7.1	62	62	24	24	79	36	45	12	(39)	76	8	70	18
		69	4	75	25	(107)	22	22	64	64	4	68	26	75(252)
111.5	5.7	62	62	24	24	79	36	44	12	(39)	76	7	70	18
		68	3	75	25	(107)	21	21	64	64	3	68	25	75(252)

118.1 4.6 62 62 23 23 79 35 44 11(39) 76 7 70 17
 68 2 75 24(107) 21 21 64 64 2 68 25 75(252)
 124.7 3.7 62 62 22 22 80 34 45 10(40) 77 6 70 16
 68 1 76 24(108) 20 20 65 65 1 68 25 76(251)
 131.2 2.6 62 62 22 22 79 34 44 10(40) 76 6 70 16
 68 1 75 24(108) 20 20 64 64 1 67 25 75(251)

 HA=138.1 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 7.0 7.0

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 145.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 32.6 kip

 Radius Cap. Outrigger Loadin[kip] (Pos.[Degrees]) 0-360 Degr.
 [ft] [kip] 1(0) 2(...) 3(90)
 4(...) 5(180) 6(...)
 A B C D A B C D A B C D
 78.7 9.5 56 56 32 32 65 43 42 25(31) 64 21 61 28
 61 19 63 31(102) 30 30 57 57 19 61 32 63(257)
 85.3 8.8 57 57 30 30 69 41 43 22(35) 67 18 63 26
 62 15 67 30(106) 28 28 59 59 15 62 31 67(253)
 91.9 8.4 59 59 28 28 73 39 43 18(36) 71 14 66 23
 64 10 71 29(109) 26 26 61 61 10 63 30 71(250)
 98.4 7.9 62 62 25 25 77 38 44 14(38) 74 10 69 20
 68 6 73 26(106) 23 23 63 63 6 67 26 73(253)
 105.0 6.8 62 62 24 24 78 36 45 13(39) 75 9 69 19
 68 4 74 26(107) 22 22 64 64 4 68 26 74(252)
 111.5 5.5 62 62 24 24 78 36 44 12(39) 75 8 69 18
 68 4 74 25(107) 22 22 64 64 4 67 26 74(252)
 118.1 4.4 62 62 23 23 78 36 44 12(39) 75 7 69 18
 68 3 74 25(107) 21 21 64 64 3 67 25 74(252)
 124.7 3.5 62 62 23 23 79 35 45 11(40) 76 6 70 17
 68 2 75 24(108) 20 20 64 64 2 67 25 75(251)
 131.2 2.6 62 62 22 22 80 34 44 10(40) 76 6 70 16
 68 1 75 24(108) 20 20 64 64 1 67 25 75(251)

 HA=145.0 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 7.0 7.0

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 152.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 32.6 kip

 Radius Cap. Outrigger Loadin[kip] (Pos.[Degrees]) 0-360 Degr.
 [ft] [kip] 1(0) 2(...) 3(90)
 4(...) 5(180) 6(...)
 A B C D A B C D A B C D
 85.3 10.1 60 60 27 27 75 39 44 17(37) 72 14 67 22
 67 10 71 28(105) 26 26 62 62 10 66 28 71(254)
 91.9 9.0 62 62 26 26 77 38 45 15(38) 74 11 69 21
 68 7 73 27(106) 24 24 63 63 7 67 27 73(253)
 98.4 7.5 61 61 25 25 77 37 44 14(38) 75 10 69 20
 68 6 73 26(106) 23 23 63 63 6 67 26 73(253)

105.0	6.2	61	61	24	24	78	36	45	13(39)	75	9	69	19
		67	5	74	26(107)	22	22	63	63	5	67	26	74(252)
111.5	4.9	61	61	24	24	78	36	44	13(39)	75	8	69	19
		67	4	73	25(107)	22	22	63	63	4	67	26	74(252)
118.1	3.7	61	61	24	24	78	35	44	12(39)	75	8	69	18
		67	3	74	25(107)	21	21	63	63	3	67	25	74(252)
124.7	2.9	61	61	23	23	78	35	44	11(39)	75	7	69	17
		68	2	74	24(107)	21	21	64	64	2	67	25	74(252)

 HA=152.2 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 6.9 6.9

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 161.4 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)	2(...)			3(90)			4(...)					
	A	B	C	D	A	B	C	D	A	B	C	D	
85.3	8.8	58	58	29	29	71	39	44	20(37)	69	17	64	24
		63	13	68	30(107)	27	27	60	60	13	63	30	68(252)
91.9	8.4	60	60	26	26	75	39	44	16(37)	73	12	67	22
		67	9	71	27(105)	24	24	62	62	9	66	27	71(254)
98.4	7.1	61	61	26	26	76	37	44	15(38)	73	11	68	20
		67	7	72	26(106)	24	24	63	63	7	67	27	72(253)
105.0	5.7	61	61	25	25	76	37	44	14(38)	73	10	68	20
		67	6	72	26(106)	23	23	63	63	6	67	26	73(253)
111.5	4.6	61	61	24	24	77	36	44	13(39)	74	9	69	19
		67	5	73	26(107)	22	22	63	63	4	66	26	73(252)
118.1	3.5	61	61	24	24	77	35	44	12(39)	74	8	69	18
		67	4	73	25(107)	21	21	63	63	4	66	26	73(252)
124.7	2.6	61	61	23	23	78	35	44	11(39)	75	7	69	17
		67	3	74	24(107)	21	21	63	63	2	67	25	74(252)

 HA=161.4 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.2 6.2 6.8 6.9

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 166.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)	2(...)			3(90)			4(...)					
	A	B	C	D	A	B	C	D	A	B	C	D	
85.3	9.5	60	60	27	27	75	39	44	17(37)	72	13	67	22
		67	10	71	28(105)	25	25	62	62	10	66	28	71(254)
91.9	7.7	60	60	26	26	75	39	44	16(37)	72	12	67	22
		67	9	71	27(105)	24	24	62	62	9	66	27	71(254)
98.4	6.2	60	60	26	26	75	38	43	16(37)	72	11	67	21
		67	8	71	26(105)	24	24	62	62	8	66	27	71(254)
105.0	4.9	60	60	25	25	75	37	44	15(38)	73	11	67	20
		66	7	71	26(106)	23	23	62	62	6	66	26	72(253)

111.5 3.7 60 60 24 24 76 37 43 14(38) 73 9 68 19
 67 5 72 25(106) 22 22 62 62 5 66 26 72(253)
 118.1 2.6 60 60 24 24 76 36 43 13(38) 73 9 68 19
 67 5 72 25(106) 22 22 62 62 4 66 25 72(253)

 HA=166.0 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.0 6.1 6.7 6.7

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 175.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 32.6 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)				3(90)			
	A	B	C	D	A	B	C	D	A	B	C	D
91.9	7.5	60	60	27 27	74	39	44	17(37)	72	13	67	22
		66	9	71 27(105)	25	25	62	62	9	66	28	71(254)
98.4	6.0	60	60	26 26	74	38	43	16(37)	72	12	67	21
		66	8	71 26(105)	24	24	62	62	8	66	27	71(254)
105.0	4.6	60	60	25 25	74	37	43	15(37)	72	11	67	20
		66	7	71 26(105)	23	23	62	62	7	66	26	71(254)
111.5	3.5	60	60	25 25	75	37	43	14(38)	73	10	67	19
		66	6	71 26(106)	22	22	62	62	6	66	26	72(253)
118.1	2.4	60	60	24 24	75	36	43	13(38)	73	9	67	19
		66	5	72 25(106)	22	22	62	62	5	66	26	72(253)

 HA=175.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.0 6.1 6.7 6.7

HA=175.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02
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H

DEMAG Mobile Cranes
 O U T R I G G E R - L O A D I N G S
 (Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer KS

Outrigger width	=	18.7 ft	Outrigger length	=	27.7 ft
Outrigger "A" X	=	12.0 ft	Outrigger "A" Y	=	9.4 ft
Outrigger "B" X	=	12.0 ft	Outrigger "B" Y	=	-9.4 ft
Outrigger "C" X	=	-15.7 ft	Outrigger "C" Y	=	9.4 ft
Outrigger "D" X	=	-15.7 ft	Outrigger "D" Y	=	-9.4 ft

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 40.7 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-0 % LK = 1
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
		1(0)		2(...)		3(90)		6(...)							
		A	B	C	D	A	B	C	D						
16.4	27.1	44	44	50	50	41	49	46	52(59)	42	51	44	51		
		45	52	43	49(128)	49	49	45	45	52	45	49	43(232)		
19.7	26.5	46	46	48	48	45	47	47	48(59)	45	47	47	48		
		46	47	47	48(127)	47	47	47	47	47	46	48	47(232)		
23.0	25.1	47	47	46	46	48	45	48	45(59)	48	44	49	46		
		47	44	49	47(128)	45	45	48	48	44	47	47	49(232)		
26.2	24.0	49	49	44	44	51	43	49	42(59)	50	41	50	43		
		48	40	52	46(128)	43	43	50	50	40	48	46	52(232)		
29.5	22.7	50	50	42	42	54	41	49	40(59)	52	38	52	41		
		48	37	54	45(128)	41	41	51	51	37	48	45	54(232)		
32.8	21.6	51	51	41	41	56	40	50	37(59)	55	35	54	39		
		55	35	54	39(90)	39	39	52	52	35	55	39	54(270)		
39.4	19.4	52	52	38	38	55	49	40	36(12)	58	31	56	35		
		58	31	56	35(90)	36	36	54	54	31	58	35	56(270)		
45.9	17.2	54	54	35	35	60	46	41	31(23)	60	27	58	33		
		60	26	59	34(95)	34	34	55	55	26	59	34	59(264)		
52.5	15.9	56	56	33	33	64	44	42	27(30)	64	23	61	30		
		61	21	63	32(101)	31	31	57	57	21	61	32	63(258)		
59.1	14.3	57	57	31	31	67	42	43	24(33)	66	20	62	27		
		62	17	65	31(104)	29	29	59	59	17	62	31	65(255)		
65.6	12.8	58	58	29	29	70	40	44	21(36)	68	17	64	25		
		62	14	67	30(107)	28	28	60	60	14	62	31	67(252)		
72.2	11.9	59	59	27	27	73	39	43	18(36)	71	14	66	23		
		63	10	70	29(109)	25	25	61	61	10	63	30	70(250)		
78.7	11.0	60	60	26	26	75	37	44	15(38)	73	11	68	21		
		67	7	72	26(106)	24	24	62	62	7	66	27	72(253)		
85.3	10.1	62	62	24	24	78	36	45	13(39)	75	9	69	19		
		68	4	74	26(107)	22	22	63	63	4	67	26	74(252)		
91.9	8.6	61	61	24	24	77	36	44	12(39)	75	8	69	18		
		67	4	73	25(107)	22	22	63	63	4	67	26	74(252)		
98.4	7.5	61	61	23	23	78	35	44	11(39)	75	7	69	17		
		67	3	74	24(107)	21	21	63	63	3	67	25	74(252)		
105.0	6.6	61	61	22	22	79	34	44	10(40)	75	6	69	17		
		67	1	75	24(108)	20	20	64	64	1	67	25	75(251)		

HA= 40.7 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.2 6.9 6.9

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 54.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.	
		1(0)				2(...)				3(90)					
		A	B	C	D	A	B	C	D	A	B	C	D		
19.7	25.1	45	45	48	48	44	47	47	49	(59)	44	48	46	49	
		45	48	45	48(127)	47	47	46	46		48	45	48	45(232)	
23.0	24.7	47	47	46	46	48	45	48	45	(59)	48	44	48	46	
		47	44	49	47(127)	45	45	48	48		44	47	47	49(232)	
26.2	23.6	48	48	44	44	51	43	48	43	(59)	50	41	50	43	
		47	40	51	46(128)	43	43	49	49		40	47	46	51(232)	
29.5	22.7	50	50	42	42	54	41	49	40	(59)	53	38	52	41	
		49	37	54	45(128)	41	41	51	51		37	49	45	54(232)	
32.8	21.8	51	51	41	41	56	40	50	37	(59)	55	35	54	39	
		55	35	54	39(90)	39	39	52	52		35	55	39	54(270)	
39.4	19.8	53	53	37	37	56	49	40	35	(14)	59	30	57	35	
		59	30	57	35(90)	36	36	54	54		30	59	35	57(270)	
45.9	18.1	55	55	35	35	61	46	42	30	(25)	62	26	59	32	
		61	25	61	33(97)	33	33	56	56		25	60	34	61(262)	
52.5	16.3	56	56	33	33	65	43	43	26	(31)	65	22	61	29	
		62	20	64	32(102)	31	31	58	58		20	61	32	64(257)	
59.1	15.2	58	58	30	30	70	41	44	22	(35)	68	18	64	26	
		63	15	67	31(106)	28	28	60	60		15	63	31	67(253)	
65.6	13.9	59	59	28	28	72	41	43	19	(35)	71	15	66	24	
		64	11	70	30(108)	26	26	61	61		11	63	30	70(251)	
72.2	12.8	61	61	26	26	75	39	44	16	(37)	73	12	67	21	
		67	9	71	27(105)	24	24	62	62		8	67	27	72(254)	
78.7	11.7	62	62	25	25	78	37	44	14	(38)	75	10	69	19	
		68	6	73	26(106)	23	23	63	63		5	68	26	74(253)	
85.3	9.9	61	61	24	24	77	36	44	13	(39)	74	9	69	19	
		67	5	73	26(107)	22	22	63	63		5	67	26	73(252)	
91.9	8.6	61	61	24	24	78	36	44	12	(39)	75	8	69	18	
		67	4	74	25(107)	22	22	63	63		4	67	26	74(252)	
98.4	7.5	61	61	23	23	78	35	44	11	(39)	75	7	69	17	
		68	3	74	24(107)	21	21	63	63		2	67	25	74(252)	
105.0	6.4	61	61	23	23	78	35	44	11	(39)	75	6	69	17	
		67	2	74	24(107)	20	20	63	63		2	67	24	74(252)	
111.5	5.5	61	61	22	22	79	34	44	10	(40)	75	6	69	16	
		67	1	75	24(108)	20	20	63	63		1	67	24	75(251)	
118.1	4.9	62	62	21	21	80	34	44	9	(40)	76	4	70	15	
		67	0	76	23(108)	19	19	64	64		0	67	23	76(251)	

HA= 54.5 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 7.0 7.1

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 68.6 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-90 % LK = 13
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)				2(...)				3(90)				
		A	B	C	D	A	B	C	D	A	B	C	D	

	4(...)				5(180)				6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D			
23.0	22.9	46	46	46	46	46	45	47	46	(59)	46	45	47	46	
		46	45	47	47	(127)	45	45	47	47	45	46	47	47	(232)
26.2	22.5	47	47	44	44		50	43	48	43	(59)	49	42	49	44
		47	41	50	46	(128)	43	43	49	49	41	47	46	50	(232)
29.5	21.8	49	49	43	43		53	41	49	40	(59)	52	39	51	41
		48	38	53	45	(128)	41	41	50	50	38	48	45	53	(232)
32.8	21.2	50	50	41	41		56	40	49	37	(59)	54	36	53	39
		54	36	53	39	(90)	39	39	52	52	36	54	39	53	(270)
39.4	19.4	52	52	38	38		56	49	40	36	(13)	58	31	56	35
		58	31	56	35	(90)	36	36	54	54	31	58	35	56	(270)
45.9	17.6	54	54	35	35		61	46	41	31	(24)	62	26	59	32
		60	25	60	33	(96)	34	34	56	56	25	60	34	60	(263)
52.5	15.9	56	56	33	33		64	44	42	27	(30)	64	23	61	30
		61	21	63	32	(101)	31	31	57	57	21	61	32	63	(258)
59.1	14.1	57	57	31	31		67	42	43	24	(33)	66	20	62	27
		62	17	65	31	(104)	29	29	58	58	17	62	31	65	(255)
65.6	13.0	58	58	29	29		70	40	44	20	(36)	69	17	64	25
		63	13	68	30	(107)	27	27	60	60	13	63	30	68	(252)
72.2	11.9	59	59	27	27		73	39	43	18	(36)	71	14	66	22
		64	10	70	29	(109)	25	25	61	61	10	63	30	71	(250)
78.7	10.6	60	60	26	26		74	38	43	16	(37)	72	12	67	21
		66	8	71	26	(105)	24	24	62	62	8	66	27	71	(254)
85.3	9.5	60	60	25	25		76	37	44	14	(38)	73	10	68	20
		67	6	72	26	(106)	23	23	63	63	6	66	26	72	(253)
91.9	8.6	61	61	24	24		78	36	44	12	(39)	75	8	69	18
		67	4	74	25	(107)	21	21	63	63	3	67	25	74	(252)
98.4	7.3	61	61	23	23		78	35	44	12	(39)	75	7	69	18
		67	3	74	25	(107)	21	21	63	63	3	67	25	74	(252)
105.0	6.4	61	61	22	22		78	35	44	11	(39)	75	6	69	17
		68	2	74	24	(107)	20	20	64	64	2	67	24	75	(252)
111.5	5.5	61	61	22	22		79	34	44	10	(40)	76	5	70	16
		67	1	75	24	(108)	20	20	64	64	0	67	24	75	(251)
118.1	4.6	61	61	22	22		79	34	44	9	(40)	75	5	70	16
		67	0	75	24	(108)	19	19	64	64	0	67	24	75	(251)
124.7	4.0	61	61	21	21		80	33	44	8	(40)	76	4	70	15
		67	0	76	22	(108)	19	19	64	64	0	66	22	77	(251)
131.2	3.3	62	62	21	21		80	33	44	8	(40)	76	4	70	15
		66	0	77	21	(108)	18	18	64	64	0	65	22	77	(251)

 HA= 68.6 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.2 7.1 7.2

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 70.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-100 % LK = 14
 Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.						
	1(0)		2(...)		3(90)		4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D			
23.0	22.7	46	46	47	47	46	45	47	46	(59)	46	45	47	46	
		46	45	47	47	(127)	45	45	47	47	45	46	47	47	(232)

26.2	22.3	47	47	45	45	49	43	48	43(59)	49	42	49	44
		47	41	50	46(128)	43	43	49	49	41	47	46	50(232)
29.5	21.6	49	49	43	43	52	42	49	40(59)	51	39	51	42
		48	38	52	45(128)	41	41	50	50	38	48	45	52(232)
32.8	20.3	50	50	41	41	54	40	49	38(59)	53	36	52	40
		48	35	54	44(128)	40	40	51	51	35	48	44	54(232)
39.4	18.1	51	51	38	38	52	50	39	38(4)	56	32	55	36
		56	32	55	36(90)	37	37	53	53	32	56	36	55(270)
45.9	16.3	53	53	36	36	58	47	41	32(20)	59	28	57	33
		59	28	58	34(92)	34	34	55	55	27	59	34	58(267)
52.5	14.3	54	54	34	34	61	45	41	29(26)	61	25	59	31
		60	24	60	33(98)	32	32	56	56	23	59	33	60(261)
59.1	12.3	54	54	33	33	62	43	41	27(29)	62	22	60	29
		60	21	61	32(100)	31	31	56	56	21	60	32	62(259)
65.6	11.2	56	56	31	31	65	41	42	24(33)	65	20	61	27
		61	17	64	31(104)	29	29	58	58	17	60	31	64(255)
72.2	10.4	57	57	29	29	69	39	43	21(36)	67	17	63	25
		62	13	67	30(106)	27	27	59	59	13	62	30	67(253)
78.7	9.3	58	58	28	28	70	39	42	19(35)	69	15	64	23
		62	11	68	29(108)	26	26	60	60	11	62	30	68(251)
85.3	8.2	58	58	27	27	71	38	43	17(36)	69	13	65	22
		65	10	69	27(104)	24	24	60	60	9	64	27	69(255)
91.9	7.7	60	60	25	25	75	37	43	14(38)	72	10	67	20
		66	6	71	26(106)	23	23	62	62	6	65	26	71(253)
98.4	7.1	60	60	24	24	77	35	44	12(39)	74	8	68	18
		67	4	73	25(107)	21	21	63	63	4	66	25	73(252)
105.0	6.4	61	61	22	22	78	35	44	11(39)	75	6	69	17
		68	2	74	24(107)	20	20	64	64	2	67	24	75(252)
111.5	5.5	61	61	22	22	79	34	44	10(40)	76	5	70	16
		67	0	75	24(108)	20	20	64	64	0	67	24	75(251)
118.1	4.6	61	61	22	22	79	34	44	9(40)	76	5	70	16
		67	0	75	24(108)	19	19	64	64	0	67	24	75(251)
124.7	4.0	62	62	21	21	80	33	44	8(40)	76	4	70	15
		67	0	76	22(108)	19	19	64	64	0	66	22	77(251)
131.2	3.3	62	62	21	21	80	33	44	8(40)	76	3	70	15
		66	0	77	21(108)	18	18	64	64	0	65	21	77(251)
137.8	2.6	61	61	21	21	80	33	43	8(40)	76	3	70	15
		66	0	77	21(108)	18	18	64	64	0	65	21	78(251)

 HA= 70.2 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.2 7.2 7.2

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 82.3 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-45-90 % LK = 20

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
26.2	21.6	47	47	44	44	49	43	48	43(59)	49	42	49	44
		47	41	50	46(128)	43	43	49	49	41	47	46	50(232)
29.5	21.2	49	49	43	43	52	41	49	40(59)	51	39	51	41
		48	38	52	45(128)	41	41	50	50	38	48	45	52(232)

32.8	20.7	50	50	41	41	56	40	49	37(59)	54	35	53	39
		54	35	53	39(90)	39	39	52	52	35	54	39	53(270)
39.4	19.4	53	53	37	37	56	49	41	35(15)	59	30	57	35
		59	30	57	35(90)	36	36	54	54	30	59	35	57(270)
45.9	17.9	55	55	35	35	62	46	42	30(26)	62	26	60	32
		61	24	61	33(98)	33	33	57	57	24	61	34	61(261)
52.5	16.5	57	57	32	32	67	43	43	25(33)	66	21	62	28
		62	19	65	32(104)	30	30	59	59	19	62	32	65(255)
59.1	15.0	58	58	30	30	70	41	44	21(36)	69	18	64	26
		63	15	68	31(107)	28	28	60	60	14	63	31	68(252)
65.6	13.4	59	59	28	28	72	40	43	19(35)	71	15	66	24
		64	11	70	30(108)	26	26	61	61	11	64	30	70(251)
72.2	12.6	61	61	26	26	76	38	45	15(38)	73	11	68	21
		67	8	72	27(106)	24	24	63	63	7	67	27	72(253)
78.7	11.2	62	62	25	25	78	37	45	13(39)	75	9	69	19
		68	5	74	26(107)	23	23	64	64	5	67	26	74(252)
85.3	9.7	62	62	24	24	78	36	44	12(39)	75	8	69	18
		68	4	74	25(107)	22	22	64	64	4	67	26	74(252)
91.9	8.2	61	61	24	24	78	36	44	12(39)	75	8	69	18
		67	3	74	25(107)	21	21	63	63	3	67	25	74(252)
98.4	7.1	61	61	23	23	78	35	44	11(39)	75	7	69	17
		68	2	74	24(107)	21	21	64	64	2	67	25	74(252)
105.0	6.0	61	61	22	22	78	35	44	10(39)	75	6	69	17
		68	2	74	24(107)	20	20	63	63	1	67	24	74(252)
111.5	5.1	61	61	22	22	79	34	44	9(40)	75	5	70	16
		67	0	75	24(108)	19	19	64	64	0	67	24	75(251)
118.1	4.2	61	61	22	22	79	34	44	9(40)	75	5	70	16
		67	0	75	23(108)	19	19	64	64	0	66	24	75(251)
124.7	3.5	61	61	21	21	80	33	44	8(40)	76	4	70	15
		67	0	76	22(108)	18	18	64	64	0	66	22	77(251)
131.2	2.6	61	61	21	21	79	33	43	9(40)	75	4	69	15
		66	0	75	22(108)	19	19	63	63	0	65	22	76(251)

 HA= 82.3 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.2 7.1 7.1

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 84.0 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-45-100 % LK = 21

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)	2(...)	3(90)		4(...)	5(180)	6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
26.2	21.2	47	47	45	45	49	43	47	43(59)	48	42	49	44
		46	41	49	46(128)	43	43	48	48	41	46	46	49(232)
29.5	20.9	49	49	43	43	52	41	48	40(59)	51	39	51	42
		47	38	52	45(128)	41	41	50	50	38	47	45	52(232)
32.8	20.5	50	50	41	41	55	40	49	37(59)	54	36	53	39
		49	34	55	44(128)	39	39	52	52	34	49	44	55(232)
39.4	18.5	52	52	38	38	54	50	40	36(10)	57	31	56	36
		57	31	56	36(90)	36	36	54	54	31	57	36	56(270)
45.9	16.8	54	54	35	35	60	46	41	31(23)	61	27	58	32
		60	26	59	33(95)	34	34	55	55	26	60	34	59(264)

52.5	15.0	55	55	33	33	63	44	42	27(29)	63	23	60	30
		61	22	62	32(100)	31	31	57	57	21	60	32	62(259)
59.1	13.4	56	56	31	31	66	42	43	24(33)	65	20	62	27
		62	18	65	31(104)	29	29	58	58	17	61	32	65(255)
65.6	11.9	57	57	30	30	69	40	43	21(35)	67	18	63	26
		62	15	66	30(106)	28	28	59	59	14	62	31	67(253)
72.2	11.0	58	58	28	28	71	40	43	19(35)	70	15	65	23
		63	11	69	29(108)	26	26	60	60	11	63	30	69(251)
78.7	10.1	60	60	26	26	74	38	43	16(37)	72	12	67	21
		66	8	71	26(105)	24	24	62	62	8	66	27	71(254)
85.3	9.3	61	61	24	24	77	37	44	13(38)	74	9	68	19
		67	5	73	25(106)	22	22	63	63	5	67	26	73(253)
91.9	8.2	61	61	24	24	78	36	44	12(39)	75	8	69	18
		67	3	74	25(107)	21	21	63	63	3	67	25	74(252)
98.4	7.1	61	61	23	23	78	35	44	11(39)	75	7	69	17
		68	2	74	24(107)	21	21	64	64	2	67	25	74(252)
105.0	6.0	61	61	22	22	78	35	44	10(39)	75	6	69	17
		68	2	74	24(107)	20	20	63	63	1	67	24	74(252)
111.5	5.1	61	61	22	22	79	34	44	9(40)	75	5	70	16
		67	0	75	24(108)	19	19	64	64	0	67	24	75(251)
118.1	4.2	61	61	22	22	79	34	44	9(40)	75	5	70	16
		67	0	75	23(108)	19	19	64	64	0	66	24	75(251)
124.7	3.5	61	61	21	21	80	33	44	8(40)	76	4	70	15
		67	0	76	22(108)	19	19	64	64	0	66	22	77(251)
131.2	2.6	61	61	21	21	79	33	43	9(40)	75	4	69	15
		66	0	75	22(108)	19	19	63	63	0	65	22	76(251)

 HA= 84.0 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.2 7.1 7.1

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
29.5	19.8	48	48	43	43	51	41	48	41(59)	50	39	50	42
		47	38	51	45(128)	41	41	49	49	38	47	45	51(232)
32.8	19.6	50	50	41	41	54	40	49	38(59)	53	36	52	39
		48	35	54	44(128)	39	39	51	51	35	48	44	54(232)
39.4	18.7	53	53	37	37	56	49	40	35(14)	58	30	56	35
		58	30	56	35(90)	36	36	54	54	30	58	35	56(270)
45.9	17.6	55	55	34	34	62	45	42	29(27)	63	25	60	31
		61	24	61	33(99)	33	33	57	57	24	60	34	62(260)
52.5	16.3	57	57	32	32	67	43	43	24(33)	66	21	63	28
		62	18	65	32(104)	30	30	59	59	18	62	32	65(255)
59.1	15.2	59	59	29	29	72	40	45	20(37)	70	17	65	25
		64	13	69	30(107)	28	28	61	61	13	63	31	69(252)
65.6	14.1	61	61	27	27	75	39	44	17(37)	73	13	67	22
		67	9	71	27(105)	25	25	63	63	9	67	28	72(254)
72.2	12.8	62	62	25	25	78	38	45	14(38)	75	10	69	20
		68	6	73	26(106)	23	23	64	64	6	68	27	74(253)

78.7	11.0	62	62	24	24	78	37	45	13(39)	75	9	69	19
		68	5	74	26(107)	22	22	64	64	4	67	26	74(252)
85.3	9.3	61	61	24	24	78	36	44	12(39)	75	8	69	18
		68	4	74	25(107)	22	22	63	63	4	67	26	74(252)
91.9	7.9	61	61	23	23	78	35	44	11(39)	75	7	69	18
		68	3	74	25(107)	21	21	64	64	3	67	25	74(252)
98.4	6.8	62	62	22	22	79	34	44	10(40)	76	6	70	17
		67	1	75	24(108)	20	20	64	64	1	67	25	75(251)
105.0	5.7	62	62	22	22	79	34	44	10(40)	76	6	70	16
		67	1	75	24(108)	20	20	64	64	1	67	24	75(251)
111.5	4.9	62	62	22	22	80	34	44	9(40)	76	5	70	15
		67	0	76	23(108)	19	19	64	64	0	67	24	76(251)
118.1	4.0	62	62	21	21	80	33	44	9(40)	76	4	70	15
		67	0	76	22(108)	19	19	64	64	0	66	22	77(251)
124.7	3.1	61	61	21	21	79	33	44	8(40)	76	4	70	15
		66	0	76	22(108)	18	18	64	64	0	66	22	76(251)
131.2	2.4	61	61	21	21	80	33	43	8(40)	76	3	70	15
		66	0	77	21(108)	18	18	64	64	0	65	21	77(251)

 HA= 96.5 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 7.1 7.2

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 100.4 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-100-100 % LK = 29
 Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
32.8	19.0	49	49	41	41	54	40	49	38(59)	52	36	52	40
		48	35	54	44(128)	40	40	50	50	35	48	44	54(232)
39.4	18.1	52	52	38	38	54	49	40	36(11)	57	31	56	35
		57	31	56	35(90)	36	36	54	54	31	57	35	56(270)
45.9	16.5	54	54	35	35	60	46	41	31(24)	61	26	58	32
		60	25	60	33(96)	33	33	56	56	25	60	34	60(263)
52.5	15.2	56	56	33	33	65	43	43	26(31)	64	22	61	29
		61	20	63	32(102)	31	31	58	58	20	61	32	63(257)
59.1	13.9	57	57	30	30	69	41	43	22(35)	67	19	63	26
		62	16	66	31(106)	28	28	59	59	15	62	31	67(253)
65.6	12.8	59	59	28	28	72	40	43	19(35)	70	15	65	24
		63	11	69	30(108)	26	26	61	61	11	63	30	69(251)
72.2	11.5	60	60	27	27	74	38	44	17(37)	72	13	67	22
		66	9	71	27(105)	25	25	62	62	9	66	27	71(254)
78.7	10.6	61	61	25	25	77	37	44	14(38)	74	10	69	19
		68	6	73	26(106)	23	23	63	63	6	67	26	73(253)
85.3	9.3	62	62	24	24	78	36	44	12(39)	75	8	69	18
		68	4	74	25(107)	22	22	64	64	4	67	26	74(252)
91.9	7.9	62	62	23	23	78	35	44	11(39)	75	7	69	17
		68	3	74	24(107)	21	21	64	64	2	67	25	75(252)
98.4	6.6	61	61	23	23	78	35	44	11(39)	75	7	69	17
		68	2	74	24(107)	21	21	63	63	2	67	25	74(252)
105.0	5.7	62	62	22	22	79	34	44	10(40)	76	5	70	16
		68	0	75	24(108)	20	20	64	64	0	67	24	75(251)

111.5	4.9	62	62	21	21	80	34	44	9(40)	76	4	70	15
		67	0	76	23(108)	19	19	64	64	0	67	23	76(251)
118.1	3.7	61	61	21	21	79	33	44	9(40)	75	5	69	15
		67	0	75	23(108)	19	19	64	64	0	66	23	75(251)
124.7	3.1	61	61	21	21	80	33	44	8(40)	76	4	70	15
		66	0	77	22(108)	18	18	64	64	0	65	22	77(251)
131.2	2.2	61	61	21	21	79	33	43	8(40)	75	4	69	15
		66	0	76	22(108)	18	18	63	63	0	65	22	76(251)

 HA=100.4 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 7.1 7.1

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)		2(...)		3(90)		6(...)		
	A	B C D	A B C D	A B C D	A B C D	A B C D			
32.8	18.7	49 49 41 41	54 40 49 38(59)	53 36 52 39					
		48 34 54 44(128)	39 39 51 51	34 48 44 54(232)					
39.4	18.1	52 52 37 37	56 49 40 35(14)	58 30 56 35					
		58 30 56 35(90)	36 36 54 54	30 58 35 56(270)					
45.9	17.2	55 55 34 34	63 45 42 29(28)	63 25 60 31					
		61 23 62 33(99)	32 32 57 57	23 61 33 62(260)					
52.5	16.3	58 58 31 31	69 42 44 23(34)	67 20 63 27					
		63 17 67 31(105)	29 29 60 60	17 63 32 67(254)					
59.1	15.4	60 60 28 28	73 40 44 19(36)	71 15 67 24					
		65 11 71 30(109)	26 26 62 62	11 64 31 71(250)					
65.6	14.3	62 62 26 26	77 38 45 15(38)	75 11 69 21					
		68 7 73 27(106)	24 24 64 64	7 68 27 73(253)					
72.2	12.6	62 62 25 25	79 37 45 13(39)	76 9 70 19					
		69 5 75 26(107)	23 23 64 64	5 68 26 75(252)					
78.7	10.4	62 62 24 24	78 36 45 13(39)	75 9 69 19					
		68 4 74 26(107)	22 22 64 64	4 67 26 74(252)					
85.3	8.8	62 62 23 23	78 36 44 12(39)	75 7 70 18					
		68 3 74 25(107)	21 21 64 64	3 67 25 75(252)					
91.9	7.5	62 62 23 23	79 35 45 11(40)	76 6 70 17					
		68 2 75 24(108)	21 21 64 64	2 67 25 75(251)					
98.4	6.2	62 62 22 22	79 34 44 10(40)	76 6 70 17					
		67 1 75 24(108)	20 20 64 64	1 67 25 75(251)					
105.0	5.3	62 62 21 21	80 34 44 9(40)	76 4 70 15					
		68 0 76 23(108)	19 19 64 64	0 67 23 76(251)					
111.5	4.2	62 62 21 21	80 34 44 9(40)	76 4 70 15					
		67 0 76 22(108)	19 19 64 64	0 66 23 76(251)					
118.1	3.1	61 61 21 21	79 33 44 9(40)	75 4 69 15					
		67 0 75 23(108)	19 19 63 63	0 66 23 75(251)					
124.7	2.4	61 61 21 21	79 33 43 8(40)	76 4 70 15					
		66 0 77 21(108)	18 18 64 64	0 65 22 77(251)					

 HA=110.2 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 7.1 7.1

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 114.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.		
		1(0)				2(...)				3(90)						
		A	B	C	D	A	B	C	D	A	B	C	D			
39.4	17.6	52	52	37	37	55	49	40	35	(12)	58	30	56	35		
		58	30	56	35	(90)	36	36	54	54	30	58	35	56	(270)	
45.9	16.5	54	54	34	34	62	45	42	30	(26)	62	25	59	31		
		60	24	61	33	(98)	33	33	56	56	24	60	33	61	(261)	
52.5	15.4	57	57	32	32	67	42	43	24	(33)	66	21	62	28		
		62	18	65	32	(104)	30	30	58	58	18	62	32	65	(255)	
59.1	14.1	58	58	29	29	71	40	44	21	(36)	69	17	65	25		
		63	14	68	30	(107)	28	28	60	60	14	63	31	68	(252)	
65.6	13.0	60	60	27	27	74	39	44	17	(36)	72	13	67	22		
		67	10	70	27	(104)	25	25	62	62	10	66	28	71	(255)	
72.2	12.1	62	62	25	25	78	38	44	14	(38)	75	10	69	20		
		68	6	73	26	(106)	23	23	64	64	6	68	26	74	(253)	
78.7	10.4	62	62	24	24	78	36	45	13	(39)	75	9	69	19		
		68	4	74	26	(107)	22	22	64	64	4	67	26	74	(252)	
85.3	8.8	62	62	23	23	79	36	44	11	(39)	76	7	70	18		
		68	3	75	25	(107)	21	21	64	64	3	68	25	75	(252)	
91.9	7.3	61	61	23	23	78	35	44	11	(39)	75	7	69	17		
		68	2	74	24	(107)	21	21	64	64	2	67	25	74	(252)	
98.4	6.2	62	62	22	22	79	34	44	10	(40)	76	6	70	16		
		67	1	75	24	(108)	20	20	64	64	1	67	25	75	(251)	
105.0	5.1	62	62	22	22	79	34	44	9	(40)	76	5	70	16		
		67	0	75	24	(108)	19	19	64	64	0	67	24	75	(251)	
111.5	4.2	62	62	21	21	80	33	44	9	(40)	76	4	70	15		
		67	0	76	22	(108)	19	19	64	64	0	66	23	77	(251)	
118.1	3.1	61	61	21	21	79	33	44	9	(40)	75	4	69	15		
		67	0	75	23	(108)	19	19	63	63	0	66	23	76	(251)	
124.7	2.4	61	61	21	21	79	33	43	8	(40)	76	3	70	15		
		66	0	77	21	(108)	18	18	64	64	0	65	21	77	(251)	

HA=114.5 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 7.1 7.2

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 124.3 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-90-90-90 % LK = 45
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.		
		1(0)				2(...)				3(90)						
		A	B	C	D	A	B	C	D	A	B	C	D			
39.4	17.2	52	52	37	37	55	49	40	35	(13)	58	30	56	35		
		58	30	56	35	(90)	35	35	54	54	30	58	35	56	(270)	
45.9	16.5	55	55	34	34	63	45	42	28	(28)	63	24	60	31		
		61	23	62	33	(99)	32	32	57	57	23	61	33	62	(260)	
52.5	15.9	58	58	31	31	69	41	44	23	(35)	68	19	64	27		
		63	16	67	31	(105)	29	29	60	60	16	63	32	67	(254)	

59.1	15.0	60	60	28	28	74	40	44	19(36)	72	15	67	23
		65	11	71	30(109)	26	26	62	62	11	64	30	71(250)
65.6	13.7	62	62	26	26	77	38	45	15(38)	75	11	69	21
		68	7	73	27(106)	24	24	63	63	7	68	27	73(253)
72.2	11.5	62	62	25	25	77	37	44	14(38)	75	10	69	20
		68	6	73	26(106)	23	23	63	63	6	67	26	73(253)
78.7	9.5	61	61	24	24	77	36	44	13(39)	74	9	69	19
		67	5	73	26(107)	22	22	63	63	5	67	26	73(252)
85.3	7.9	61	61	24	24	78	36	44	12(39)	75	8	69	18
		67	4	74	25(107)	21	21	63	63	3	67	25	74(252)
91.9	6.6	61	61	23	23	78	35	44	11(39)	75	7	69	17
		67	2	74	24(107)	21	21	63	63	2	67	25	74(252)
98.4	5.5	61	61	22	22	79	34	44	10(40)	75	6	69	17
		67	1	75	24(108)	20	20	64	64	1	67	25	75(251)
105.0	4.4	61	61	22	22	79	34	44	9(40)	75	5	69	16
		67	0	75	24(108)	19	19	63	63	0	67	24	75(251)
111.5	3.3	61	61	22	22	78	33	44	9(40)	75	5	69	16
		67	0	74	24(108)	19	19	63	63	0	66	24	75(251)
118.1	2.6	61	61	21	21	79	33	43	8(40)	76	4	70	15
		66	0	76	22(108)	18	18	64	64	0	65	22	77(251)

HA=124.3 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 7.1 7.1

Main boom and fixed jib (jib angle 0.0 degrees)

Length of main boom = 130.9 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-100-100-100 % LK = 46

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D	A	B	C	D	
39.4	16.3	51	51	37	37	53	49	39	36(9)	57	31	55	35
		57	31	55	35(90)	36	36	53	53	31	57	35	55(270)
45.9	15.9	54	54	34	34	61	45	41	29(26)	62	25	59	31
		60	24	61	33(98)	33	33	56	56	24	60	33	61(261)
52.5	15.0	57	57	31	31	67	42	43	24(33)	66	20	63	28
		62	18	65	31(104)	30	30	59	59	17	62	32	65(255)
59.1	14.1	59	59	29	29	72	41	43	20(35)	70	16	65	24
		64	12	69	30(108)	27	27	61	61	12	63	30	70(251)
65.6	13.0	61	61	26	26	76	39	44	16(37)	73	12	68	21
		67	8	72	27(105)	24	24	63	63	8	67	27	72(254)
72.2	11.0	61	61	25	25	77	37	44	14(38)	74	10	68	20
		67	6	73	26(106)	23	23	63	63	6	67	26	73(253)
78.7	9.3	61	61	24	24	77	37	44	13(38)	74	9	69	19
		67	5	73	25(106)	22	22	63	63	5	67	26	73(253)
85.3	7.7	61	61	24	24	77	36	44	12(39)	74	8	69	18
		67	4	73	25(107)	21	21	63	63	4	67	26	73(252)
91.9	6.4	61	61	23	23	78	35	44	11(39)	75	7	69	17
		67	3	74	24(107)	21	21	63	63	2	67	25	74(252)
98.4	5.1	61	61	23	23	77	35	43	11(39)	74	7	69	17
		67	2	73	24(107)	20	20	63	63	2	66	24	74(252)
105.0	4.2	61	61	22	22	78	34	44	10(40)	75	5	69	16
		67	1	74	24(108)	19	19	63	63	0	66	24	75(251)

111.5 3.1 60 60 22 22 78 33 44 10(40) 75 5 69 16
 66 0 74 24(108) 19 19 63 63 0 66 24 74(251)
 118.1 2.4 61 61 21 21 79 33 43 9(40) 75 4 69 15
 66 0 76 22(108) 18 18 63 63 0 65 22 76(251)

 HA=130.9 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.2 7.0 7.0

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		4(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
45.9	16.1	55	55	34	34	63	44	42	28(29)	63	24	60	30	
		61	22	62	32(100)	32	32	57	57	22	61	33	62(259)	
52.5	15.4	58	58	30	30	70	41	44	22(35)	68	18	64	26	
		63	15	67	31(106)	28	28	60	60	15	63	31	68(253)	
59.1	14.6	61	61	27	27	75	39	44	17(37)	73	14	67	22	
		67	10	71	28(105)	26	26	62	62	10	67	28	71(254)	
65.6	12.1	61	61	26	26	75	39	44	16(37)	73	12	68	21	
		67	8	71	27(105)	24	24	63	63	8	67	27	72(254)	
72.2	9.9	60	60	25	25	75	37	44	15(38)	73	11	67	20	
		67	7	72	26(106)	23	23	62	62	7	66	27	72(253)	
78.7	8.2	60	60	25	25	76	37	43	14(38)	73	9	68	19	
		67	6	72	26(106)	22	22	62	62	6	66	26	72(253)	
85.3	6.6	60	60	24	24	76	36	43	13(38)	73	9	68	19	
		67	4	72	25(106)	22	22	62	62	4	66	25	72(253)	
91.9	5.3	60	60	23	23	76	35	43	12(39)	73	8	68	18	
		66	3	73	25(107)	21	21	62	62	3	66	25	73(252)	
98.4	4.2	60	60	23	23	77	35	43	11(39)	74	7	68	17	
		66	2	73	24(107)	20	20	63	63	2	66	24	73(252)	
105.0	3.1	60	60	22	22	77	34	43	11(39)	74	6	68	17	
		66	2	73	24(107)	20	20	63	63	2	66	24	73(252)	

 HA=138.1 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.8 6.8

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 145.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-45-100-100-100 % LK = 55
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		4(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
45.9	15.0	54	54	34	34	61	45	41	29(26)	62	25	59	31	
		60	23	60	33(98)	32	32	56	56	23	60	33	61(261)	
52.5	14.8	58	58	31	31	69	41	44	23(35)	67	19	63	27	
		63	16	66	31(105)	29	29	59	59	16	62	31	67(254)	
59.1	13.9	60	60	28	28	73	40	44	18(36)	71	15	66	23	
		64	11	71	30(109)	26	26	62	62	10	64	30	71(250)	

65.6	11.7	60	60	26	26	74	39	44	17(37)	72	13	67	22
		67	9	71	27(105)	24	24	62	62	9	66	27	71(254)
72.2	9.7	60	60	26	26	75	38	43	15(37)	73	11	67	21
		67	7	71	26(105)	23	23	62	62	7	66	26	71(254)
78.7	7.9	60	60	25	25	75	37	43	14(38)	73	10	67	20
		66	6	72	26(106)	22	22	62	62	6	66	26	72(253)
85.3	6.4	60	60	24	24	75	36	43	13(38)	73	9	67	19
		66	5	72	25(106)	22	22	62	62	5	66	25	72(253)
91.9	5.1	60	60	24	24	76	36	43	12(38)	73	8	68	18
		66	4	72	24(106)	21	21	62	62	4	66	25	72(253)
98.4	4.0	60	60	23	23	76	35	43	11(39)	73	7	68	17
		66	3	73	24(107)	20	20	62	62	2	65	25	73(252)
105.0	2.9	60	60	22	22	76	34	43	11(39)	73	6	68	17
		66	2	73	24(107)	20	20	62	62	2	65	24	73(252)

HA=145.0 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.1 6.7 6.8

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 152.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-90-90-90-90 % LK = 62
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		6(...)		
		4(...)		5(180)		6(...)				
		A	B	C	D	A	B	C	D	
45.9	15.0	55	55	33	33	63	44	42	28(28)	63 24 60 30
		60	22	62	32(100)	32	32	57	57	22 60 33 62(259)
52.5	14.8	58	58	30	30	70	41	44	21(36)	69 18 64 26
		63	15	68	31(107)	28	28	60	60	14 63 31 68(252)
59.1	13.0	60	60	28	28	73	40	44	18(36)	71 15 66 23
		64	11	70	30(109)	26	26	61	61	10 63 30 71(250)
65.6	10.6	59	59	27	27	73	39	43	17(36)	71 13 66 22
		66	9	70	27(104)	25	25	61	61	9 66 27 70(255)
72.2	8.6	59	59	26	26	74	38	43	16(37)	71 11 66 21
		66	8	70	26(105)	24	24	62	62	8 65 27 71(254)
78.7	6.8	59	59	25	25	74	37	43	15(37)	71 10 67 20
		66	7	71	25(105)	23	23	62	62	7 65 26 71(254)
85.3	5.5	59	59	24	24	75	36	43	13(38)	72 9 67 19
		66	5	71	25(106)	22	22	62	62	5 65 25 71(253)
91.9	4.2	59	59	24	24	75	35	43	13(38)	72 8 67 18
		66	4	71	24(106)	21	21	62	62	4 65 25 72(253)
98.4	2.9	59	59	23	23	75	35	42	12(38)	72 8 67 18
		65	4	71	24(106)	21	21	62	62	4 65 25 71(253)

HA=152.2 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.0 6.1 6.6 6.7

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 161.4 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)				

	4(...)				5(180)				6(...)			
	A	B	C	D	A	B	C	D	A	B	C	D
52.5	13.0	56	56	31 31	67	42	43	24(33)	65	20	62	27
		62	17	65 31(104)	29	29	58	58	17	61	31	65(255)
59.1	12.6	59	59	28 28	72	40	43	19(35)	70	15	66	23
		64	11	70 30(108)	26	26	61	61	11	63	30	70(251)
65.6	10.1	59	59	27 27	73	39	43	17(36)	71	13	66	22
		65	10	69 27(104)	25	25	61	61	10	65	27	69(255)
72.2	8.2	59	59	26 26	73	37	43	16(37)	71	12	66	21
		65	8	70 26(105)	24	24	61	61	8	65	27	70(254)
78.7	6.4	59	59	25 25	73	37	43	15(37)	71	11	66	20
		65	7	70 26(105)	23	23	61	61	7	65	26	70(254)
85.3	5.1	59	59	24 24	74	36	43	14(38)	71	9	66	19
		65	6	71 25(106)	22	22	61	61	6	65	26	71(253)
91.9	3.7	59	59	24 24	74	35	43	13(38)	71	9	67	19
		65	5	71 25(106)	21	21	61	61	5	65	25	71(253)
98.4	2.6	59	59	23 23	75	35	42	12(38)	72	8	67	18
		65	4	71 24(106)	21	21	61	61	4	65	24	71(253)

 HA=161.4 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.9 6.0 6.6 6.6

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)	2(...)	3(90)		4(...)	5(180)	6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D
52.5	14.1	59	59	29 29	71	40	44	21(36)	69	17	65	25
		63	13	68 30(107)	28	28	60	60	13	63	31	69(252)
59.1	11.2	58	58	28 28	71	40	43	19(35)	69	15	65	24
		63	11	69 30(108)	26	26	60	60	11	63	30	69(251)
65.6	9.0	58	58	27 27	72	39	43	17(36)	70	13	65	22
		65	10	69 27(104)	25	25	61	61	10	65	27	69(255)
72.2	7.1	58	58	26 26	72	38	42	16(36)	70	12	65	21
		65	9	69 26(104)	24	24	61	61	9	65	26	69(255)
78.7	5.3	58	58	25 25	72	37	42	15(37)	70	11	65	21
		64	7	69 26(105)	23	23	60	60	7	64	26	69(254)
85.3	4.0	58	58	24 24	73	36	42	14(37)	71	10	66	19
		65	6	70 25(105)	22	22	61	61	6	64	25	70(254)
91.9	2.6	58	58	24 24	73	35	42	13(38)	71	9	66	19
		64	5	70 25(106)	21	21	61	61	5	64	25	70(253)

 HA=166.0 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.8 6.0 6.5 6.5

Main boom and fixed jib (jib angle 0.0 degrees)
 Length of main boom = 175.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-45-100-100-100-100 % LK = 69
 Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)	2(...)	3(90)		4(...)	5(180)	6(...)		

	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
52.5	12.1	56	56	31	31	67	41	43	23	(34)	66	19	62	27
	61	17	65	31	(105)	29	29	58	58	16	61	31	65	(254)
59.1	10.8	58	58	28	28	70	40	43	20	(35)	69	15	64	24
	62	12	68	30	(108)	26	26	60	60	12	62	30	69	(251)
65.6	8.4	58	58	27	27	70	39	42	18	(35)	69	14	64	23
	62	10	68	29	(108)	25	25	60	60	10	62	29	69	(251)
72.2	6.6	58	58	26	26	71	38	42	17	(36)	69	12	65	22
	64	9	68	26	(104)	24	24	60	60	9	64	27	69	(255)
78.7	4.9	58	58	26	26	71	37	42	16	(36)	69	11	65	21
	64	8	68	26	(104)	23	23	60	60	8	64	26	69	(255)
85.3	3.5	58	58	25	25	72	36	42	15	(37)	70	10	65	20
	64	7	69	25	(105)	22	22	60	60	7	64	26	69	(254)
91.9	2.2	58	58	24	24	72	36	42	14	(37)	70	9	65	19
	64	6	69	25	(105)	22	22	60	60	6	64	25	69	(254)

HA=175.5 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.7 5.9 6.4 6.4

Main boom and fixed jib (jib angle 0.0 degrees)
Length of main boom = 180.1 ft Length of jib = 82.0 ft
Main boom sequence = 0-90-90-90-90-90 % LK = 73
Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)				2(...)									
	3(90)				4(...)									
	A	B	C	D	A	B	C	D	A	B	C	D		
59.1	9.5	57	57	28	28	69	39	43	20	(36)	67	16	63	24
	62	13	67	30	(107)	26	26	59	59	13	62	30	67	(252)
65.6	7.3	57	57	27	27	69	39	42	19	(35)	68	14	64	23
	62	11	68	29	(108)	25	25	59	59	11	61	29	68	(251)
72.2	5.5	57	57	26	26	70	38	42	17	(35)	68	13	64	22
	64	10	67	26	(103)	24	24	60	60	9	63	26	68	(256)
78.7	4.0	57	57	26	26	71	37	42	16	(36)	69	11	65	21
	64	8	68	26	(104)	23	23	60	60	8	63	26	68	(255)
85.3	2.4	57	57	25	25	71	37	41	15	(36)	69	11	64	20
	64	7	68	25	(104)	22	22	60	60	7	63	25	68	(255)

HA=180.1 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.6 5.9 6.3 6.3

HA=180.1 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=180.1 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02
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H

DEMAG Mobile Cranes
 O U T R I G G E R - L O A D I N G S
 (Variance = +-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer KS

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-----
Outrigger width   = 18.7 ft      Outrigger length = 27.7 ft
Outrigger "A"    X = 12.0 ft      Outrigger "A"    Y =  9.4 ft
Outrigger "B"    X = 12.0 ft      Outrigger "B"    Y = -9.4 ft
Outrigger "C"    X = -15.7 ft     Outrigger "C"    Y =  9.4 ft
Outrigger "D"    X = -15.7 ft     Outrigger "D"    Y = -9.4 ft
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Main boom and fixed jib (jib angle 20.0 degrees)
Length of main boom = 40.7 ft      Length of jib    = 82.0 ft
Main boom sequence = 0-0-0-0-0-0 %  LK = 1
Counterweight      = 28.7 kip
-----
```

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		6(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
39.4	17.2	47	47	42	42	50	41	47	40(59)	49	38	50	41	
		46	37	51	44(128)	40	40	49	49	37	46	44	51(232)	
45.9	15.4	49	49	40	40	54	38	48	36(59)	52	34	52	38	
		52	34	52	38(90)	38	38	50	50	34	52	38	52(270)	
52.5	14.3	51	51	37	37	53	49	39	36(9)	56	30	55	35	
		56	30	55	35(90)	35	35	52	52	30	56	35	55(270)	
59.1	13.0	52	52	35	35	57	46	40	31(20)	59	27	57	32	
		58	26	57	33(93)	33	33	54	54	26	58	33	57(266)	
65.6	12.1	54	54	33	33	62	43	41	27(28)	62	23	59	30	
		59	21	61	32(100)	31	31	56	56	21	59	32	61(259)	
72.2	11.2	55	55	31	31	65	41	42	24(33)	65	20	61	27	
		61	17	64	31(104)	29	29	58	58	17	60	31	64(255)	
78.7	10.4	57	57	29	29	69	39	43	21(36)	67	17	63	25	
		62	13	67	30(106)	27	27	59	59	13	62	30	67(253)	
85.3	9.9	59	59	27	27	72	39	43	17(36)	70	13	66	22	
		65	10	69	27(104)	24	24	61	61	9	65	27	69(255)	
91.9	9.3	60	60	25	25	76	37	44	14(38)	73	10	68	20	
		67	6	72	26(106)	23	23	62	62	6	66	26	72(253)	
98.4	8.2	61	61	24	24	77	36	44	12(39)	74	8	69	18	
		67	4	73	25(107)	22	22	63	63	4	66	26	73(252)	
105.0	7.1	61	61	23	23	78	35	44	11(39)	75	7	69	17	
		67	3	74	24(107)	21	21	63	63	2	67	25	74(252)	

HA= 40.7 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.2 6.9 6.9

```
-----
Main boom and fixed jib (jib angle 20.0 degrees)
Length of main boom = 54.5 ft      Length of jib    = 82.0 ft
Main boom sequence = 0-0-0-0-0-45 %  LK = 7
-----
```

Counterweight = 28.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)				3(90)								
		4(...)				5(180)				6(...)								
A	B	C	D	A	B	C	D	A	B	C	D							
39.4	17.2	47	47	42	42	50	41	47	40	(59)	49	38	50	41				
		46	37	51	44(128)	40	40	49	49		37	46	44	51(232)				
45.9	15.9	49	49	39	39	55	38	49	36	(59)	53	34	52	38				
		53	34	52	38(90)	38	38	51	51		34	53	38	52(270)				
52.5	14.6	51	51	37	37	53	48	39	35	(11)	56	30	55	35				
		56	30	55	35(90)	35	35	53	53		30	56	35	55(270)				
59.1	13.7	53	53	34	34	59	45	40	30	(23)	60	26	58	32				
		59	25	58	33(95)	33	33	55	55		25	59	33	59(264)				
65.6	12.6	54	54	32	32	63	43	41	26	(29)	63	22	60	29				
		60	20	62	32(101)	30	30	56	56		20	60	32	62(258)				
72.2	11.7	56	56	30	30	67	41	43	23	(34)	65	19	62	26				
		61	16	65	31(105)	28	28	58	58		16	61	31	65(254)				
78.7	11.0	58	58	28	28	70	40	42	20	(34)	69	15	64	24				
		62	12	68	30(108)	26	26	60	60		12	62	30	68(251)				
85.3	10.4	60	60	26	26	74	38	43	16	(37)	71	12	67	21				
		66	9	70	27(105)	24	24	62	62		8	65	27	71(254)				
91.9	9.7	61	61	24	24	77	37	44	13	(38)	74	9	69	19				
		67	5	73	25(106)	22	22	63	63		5	67	26	73(253)				
98.4	8.4	61	61	24	24	77	36	44	12	(39)	74	8	69	18				
		67	4	73	25(107)	22	22	63	63		4	67	26	74(252)				
105.0	7.1	61	61	23	23	77	35	44	12	(39)	74	8	69	18				
		67	3	73	25(107)	21	21	63	63		3	66	25	73(252)				
111.5	6.2	61	61	22	22	78	35	44	11	(39)	75	6	69	17				
		67	2	74	24(107)	20	20	63	63		2	67	24	74(252)				
118.1	5.3	61	61	22	22	79	34	44	9	(40)	76	5	70	16				
		67	0	75	24(108)	19	19	64	64		0	67	24	75(251)				

HA= 54.5 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.2 6.9 7.0

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 68.6 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-0-90 % LK = 13

Counterweight = 28.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)				3(90)								
		4(...)				5(180)				6(...)								
A	B	C	D	A	B	C	D	A	B	C	D							
45.9	15.7	49	49	39	39	54	38	48	36	(59)	53	34	52	38				
		53	34	52	38(90)	38	38	51	51		34	53	38	52(270)				
52.5	14.6	51	51	37	37	53	48	39	35	(11)	56	30	55	35				
		56	30	55	35(90)	35	35	53	53		30	56	35	55(270)				
59.1	13.4	53	53	35	35	58	46	40	31	(22)	60	26	57	32				
		58	25	58	33(95)	33	33	54	54		25	58	33	58(264)				
65.6	12.3	54	54	33	33	62	43	41	27	(29)	62	23	59	29				
		60	21	61	32(100)	31	31	56	56		21	60	32	61(259)				
72.2	11.0	55	55	31	31	65	41	42	24	(32)	64	20	61	28				
		60	18	63	31(103)	29	29	57	57		18	60	31	63(256)				

78.7	10.1	56	56	29	29	68	40	43	21(35)	66	17	62	25
		61	14	66	30(106)	27	27	58	58	14	61	30	66(253)
85.3	9.5	58	58	28	28	71	39	42	19(35)	69	14	65	23
		62	11	69	29(108)	25	25	60	60	11	62	29	69(251)
91.9	8.6	59	59	26	26	73	38	43	16(36)	71	12	66	21
		65	9	69	26(104)	24	24	61	61	9	65	26	70(255)
98.4	7.9	60	60	25	25	75	37	43	14(38)	73	9	67	19
		66	6	72	26(106)	22	22	62	62	6	66	26	72(253)
105.0	7.3	61	61	23	23	78	35	44	12(39)	75	7	69	18
		67	3	74	25(107)	21	21	63	63	3	67	25	74(252)
111.5	6.2	61	61	23	23	78	35	44	11(39)	75	7	69	17
		67	2	74	24(107)	21	21	63	63	2	67	25	74(252)
118.1	5.3	61	61	22	22	78	34	44	10(40)	75	6	69	16
		67	1	74	24(108)	20	20	63	63	1	66	24	75(251)
124.7	4.4	61	61	22	22	79	34	44	9(40)	75	5	69	16
		67	0	75	24(108)	19	19	63	63	0	66	24	75(251)
131.2	3.7	61	61	21	21	80	33	44	8(40)	76	4	70	15
		67	0	76	22(108)	19	19	64	64	0	66	22	77(251)

 HA= 68.6 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.2 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 70.2 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-0-100 % LK = 14

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
45.9	14.8	48	48	40	40	53	39	48	37(59)	51	35	51	39
		47	34	53	43(128)	38	38	50	50	34	47	43	53(232)
52.5	13.2	49	49	38	38	56	37	49	34(59)	54	32	53	36
		54	32	53	36(90)	36	36	51	51	32	54	36	53(270)
59.1	11.9	50	50	36	36	54	47	39	34(14)	56	28	55	34
		56	28	55	34(90)	34	34	53	53	28	56	34	55(270)
65.6	10.8	52	52	34	34	57	45	40	30(22)	59	25	57	31
		58	25	57	32(94)	32	32	54	54	24	58	32	58(265)
72.2	9.7	53	53	33	33	60	43	40	27(27)	61	23	58	29
		59	21	60	31(99)	30	30	55	55	21	58	32	60(260)
78.7	8.8	54	54	31	31	63	41	41	24(31)	63	20	60	27
		60	18	62	30(102)	29	29	56	56	18	59	31	62(257)
85.3	8.2	55	55	29	29	66	40	42	22(34)	65	17	62	25
		61	15	65	30(105)	27	27	58	58	14	60	30	65(254)
91.9	7.5	57	57	28	28	69	39	42	19(34)	67	15	63	23
		62	11	67	29(107)	25	25	59	59	11	61	29	67(252)
98.4	6.8	58	58	26	26	71	38	42	17(36)	69	13	65	22
		64	9	68	26(104)	24	24	60	60	9	64	27	68(255)
105.0	6.4	59	59	25	25	74	37	43	14(37)	71	10	67	20
		66	6	71	25(105)	22	22	61	61	6	65	26	71(254)
111.5	6.0	60	60	23	23	77	35	44	12(39)	74	7	68	18
		67	3	73	24(107)	21	21	63	63	3	66	25	73(252)
118.1	5.3	61	61	22	22	78	34	44	10(40)	75	6	69	17
		67	1	74	24(108)	20	20	63	63	1	66	25	75(251)

124.7 4.4 61 61 22 22 78 34 44 9(40) 75 5 69 16
 67 0 75 24(108) 19 19 63 63 0 66 24 75(251)
 131.2 3.7 61 61 21 21 79 33 44 8(40) 76 4 70 15
 67 0 76 22(108) 19 19 64 64 0 66 22 77(251)
 137.8 2.9 61 61 21 21 79 33 43 8(40) 76 4 70 15
 66 0 76 22(108) 18 18 64 64 0 65 22 77(251)

 HA= 70.2 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.2 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 82.3 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-45-90 % LK = 20
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D	A	B	C	D
45.9	15.7	49	49	39	39	55	38	49	36(59)	53	34	53	38
		53	34	53	38(90)	37	37	51	51	34	53	38	53(270)
52.5	14.8	52	52	37	37	55	48	39	34(14)	57	29	56	34
		57	29	56	34(90)	35	35	53	53	29	57	34	56(270)
59.1	13.7	53	53	34	34	60	45	41	30(25)	60	25	58	31
		59	24	59	33(97)	32	32	55	55	24	59	33	60(262)
65.6	12.8	55	55	32	32	64	43	42	25(31)	64	21	61	28
		61	19	63	31(102)	30	30	57	57	19	60	32	63(257)
72.2	11.7	56	56	30	30	67	41	43	22(34)	66	18	62	26
		62	15	65	30(105)	28	28	58	58	15	61	31	66(254)
78.7	10.8	58	58	28	28	70	40	43	19(35)	69	15	64	24
		62	12	68	30(108)	26	26	60	60	11	62	30	69(251)
85.3	9.9	59	59	26	26	73	39	43	17(36)	71	13	66	22
		66	9	70	26(104)	24	24	61	61	9	65	27	70(255)
91.9	9.3	61	61	25	25	76	37	44	14(38)	73	10	68	19
		67	6	72	26(106)	22	22	63	63	6	67	26	73(253)
98.4	8.2	61	61	24	24	77	36	44	12(39)	74	8	69	18
		67	4	73	25(107)	22	22	63	63	4	67	26	74(252)
105.0	7.1	61	61	23	23	78	35	44	11(39)	75	7	69	17
		67	3	74	24(107)	21	21	63	63	2	67	25	74(252)
111.5	6.0	61	61	23	23	78	35	44	11(39)	75	6	69	17
		67	2	74	24(107)	20	20	63	63	2	67	24	74(252)
118.1	5.1	61	61	22	22	79	34	44	10(40)	75	6	69	16
		67	1	75	24(108)	20	20	63	63	1	67	24	75(251)
124.7	4.2	61	61	22	22	79	34	44	9(40)	75	5	69	16
		67	0	75	24(108)	19	19	63	63	0	67	24	75(251)
131.2	3.5	61	61	21	21	80	33	44	8(40)	76	4	70	15
		66	0	77	22(108)	18	18	64	64	0	66	22	77(251)
137.8	2.6	61	61	21	21	79	33	43	8(40)	75	4	70	15
		66	0	76	22(108)	18	18	63	63	0	65	22	76(251)

 HA= 82.3 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.2 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 84.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
	4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D		
45.9	15.0	49	49	40	40	54	38	48	36(59)	52	34	52	38
		47	33	54	43(128)	38	38	50	50	33	47	43	54(232)
52.5	13.4	50	50	37	37	50	49	38	37(3)	55	31	54	35
		55	31	54	35(90)	35	35	52	52	31	55	35	54(270)
59.1	12.3	52	52	35	35	56	46	39	32(18)	58	27	56	33
		58	27	56	33(91)	33	33	54	54	27	57	33	56(268)
65.6	11.2	53	53	33	33	60	44	41	28(26)	60	24	58	30
		59	23	59	32(97)	31	31	55	55	23	59	32	59(262)
72.2	10.4	54	54	32	32	63	42	41	25(31)	63	21	60	28
		60	19	62	31(102)	29	29	56	56	19	60	31	62(257)
78.7	9.3	55	55	30	30	65	41	42	23(33)	65	19	61	26
		61	16	64	30(104)	28	28	57	57	16	60	30	64(255)
85.3	8.6	57	57	28	28	69	40	42	20(34)	67	16	63	24
		62	12	67	29(107)	26	26	59	59	12	61	30	67(252)
91.9	7.9	58	58	27	27	71	38	43	17(36)	69	13	65	22
		65	10	68	27(104)	24	24	60	60	9	64	27	69(255)
98.4	7.5	60	60	25	25	75	36	43	14(38)	72	10	67	20
		66	6	71	26(106)	22	22	62	62	6	65	26	71(253)
105.0	6.8	61	61	23	23	77	35	44	12(39)	74	8	68	18
		67	3	73	25(107)	21	21	63	63	3	66	25	73(252)
111.5	6.0	61	61	23	23	78	35	44	11(39)	75	6	69	17
		67	2	74	24(107)	20	20	63	63	2	67	24	74(252)
118.1	5.1	61	61	22	22	78	34	44	10(40)	75	6	69	16
		67	1	75	24(108)	20	20	63	63	1	67	24	75(251)
124.7	4.2	61	61	22	22	79	34	44	9(40)	75	5	69	16
		67	0	75	24(108)	19	19	63	63	0	67	24	75(251)
131.2	3.5	61	61	21	21	79	33	44	8(40)	76	4	70	15
		67	0	76	22(108)	19	19	64	64	0	66	22	77(251)
137.8	2.6	61	61	21	21	79	33	43	8(40)	75	4	69	15
		66	0	76	22(108)	18	18	63	63	0	65	22	76(251)

HA= 84.0 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.2 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 96.5 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-90-90 % LK = 28

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)					3(90)			
	4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D		
52.5	14.6	52	52	36	36	55	48	39	34(15)	57	29	56	34
		57	29	56	34(90)	35	35	53	53	29	57	34	56(270)
59.1	13.7	54	54	34	34	60	45	41	29(26)	61	25	58	31
		59	23	60	32(98)	32	32	56	56	23	59	33	60(261)
65.6	12.8	56	56	32	32	65	42	42	25(32)	64	21	61	28
		61	19	63	31(103)	30	30	57	57	18	61	32	64(256)

72.2	11.9	57	57	30	30	69	40	43	21(35)	67	17	63	25
		62	14	67	30(106)	27	27	59	59	14	62	30	67(253)
78.7	11.0	59	59	28	28	72	39	43	18(36)	70	14	65	23
		63	10	70	29(109)	25	25	61	61	10	63	30	70(250)
85.3	10.1	60	60	26	26	75	38	43	15(37)	72	11	67	21
		67	8	71	26(105)	24	24	62	62	7	66	27	71(254)
91.9	9.3	61	61	24	24	77	36	44	13(39)	74	9	69	19
		67	5	73	26(107)	22	22	63	63	4	67	26	73(252)
98.4	7.9	61	61	24	24	77	36	44	12(39)	75	8	69	18
		67	4	73	25(107)	21	21	63	63	4	67	25	74(252)
105.0	6.8	61	61	23	23	78	35	44	11(39)	75	7	69	17
		67	2	74	24(107)	21	21	63	63	2	67	25	74(252)
111.5	5.7	61	61	22	22	78	35	43	11(39)	75	6	69	17
		67	2	74	24(107)	20	20	63	63	2	67	24	74(252)
118.1	4.9	61	61	22	22	79	34	44	10(40)	75	5	69	16
		67	1	75	24(108)	19	19	63	63	0	67	24	75(251)
124.7	4.0	61	61	22	22	79	34	44	9(40)	75	5	69	16
		67	0	75	23(108)	19	19	63	63	0	66	24	75(251)
131.2	3.1	61	61	21	21	78	33	44	9(40)	75	4	69	15
		67	0	75	23(108)	19	19	63	63	0	66	23	75(251)
137.8	2.4	61	61	21	21	79	33	43	8(40)	75	4	70	15
		66	0	76	22(108)	18	18	63	63	0	65	22	76(251)

 HA= 96.5 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.2 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 100.4 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-100-100 % LK = 29

Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		A	B	C	D	A	B		C		D		
52.5	13.4	50	50	37	37	51	49	38	36(6)	55	30	54	35
		55	30	54	35(90)	35	35	52	52	30	55	35	54(270)
59.1	12.3	52	52	35	35	57	46	40	32(20)	58	27	56	32
		58	26	57	33(93)	33	33	54	54	26	58	33	57(266)
65.6	11.2	53	53	33	33	61	44	41	28(27)	61	23	58	30
		59	22	60	32(99)	31	31	55	55	22	59	32	60(260)
72.2	10.4	55	55	31	31	64	41	42	24(32)	63	20	60	27
		60	18	63	31(103)	29	29	57	57	18	60	31	63(256)
78.7	9.7	56	56	29	29	68	39	43	21(35)	67	17	63	25
		62	14	66	30(106)	27	27	59	59	14	61	30	66(253)
85.3	9.0	58	58	27	27	71	39	42	18(35)	69	14	65	22
		63	10	69	29(108)	25	25	60	60	10	62	29	69(251)
91.9	8.4	59	59	26	26	74	37	43	15(37)	72	11	67	21
		66	7	71	26(105)	23	23	62	62	7	65	26	71(254)
98.4	7.9	61	61	24	24	78	36	44	12(39)	75	8	69	18
		67	4	74	25(107)	21	21	63	63	3	67	25	74(252)
105.0	6.8	61	61	23	23	78	35	44	11(39)	75	7	69	17
		67	2	74	24(107)	21	21	63	63	2	67	25	74(252)
111.5	5.7	61	61	22	22	78	35	44	11(39)	75	6	69	17
		67	2	74	24(107)	20	20	63	63	2	67	24	74(252)

118.1	4.9	61	61	22	22	79	34	44	9(40)	75	5	69	16
		67	0	75	24(108)	19	19	64	64	0	67	24	75(251)
124.7	4.0	61	61	21	21	79	34	44	9(40)	75	5	70	16
		67	0	75	23(108)	19	19	64	64	0	66	24	75(251)
131.2	3.1	61	61	21	21	79	33	44	9(40)	75	4	69	15
		67	0	75	23(108)	19	19	63	63	0	66	23	75(251)
137.8	2.4	61	61	21	21	79	33	43	8(40)	76	4	70	15
		66	0	76	21(108)	18	18	64	64	0	65	22	77(251)

 HA=100.4 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.2 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 110.2 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-45-90-90 % LK = 36

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	13.7	54	54	33	33	62	44	41	28(27)	62	24	59	30
		60	22	61	32(99)	32	32	56	56	22	60	32	61(260)
65.6	12.8	56	56	31	31	66	41	43	24(33)	65	20	62	27
		62	17	65	31(104)	29	29	58	58	17	61	31	65(255)
72.2	12.1	58	58	28	28	71	40	43	20(35)	69	16	65	24
		63	12	69	30(108)	26	26	60	60	12	62	30	69(251)
78.7	11.5	60	60	26	26	75	38	44	16(37)	73	12	67	21
		67	8	71	27(105)	24	24	62	62	8	66	27	71(254)
85.3	10.4	61	61	25	25	77	37	44	13(38)	74	9	69	19
		68	5	73	26(106)	22	22	63	63	5	67	26	73(253)
91.9	8.8	61	61	24	24	77	36	44	13(39)	75	8	69	19
		67	4	73	25(107)	22	22	63	63	4	67	26	74(252)
98.4	7.5	61	61	23	23	78	35	44	12(39)	75	7	69	18
		67	3	74	25(107)	21	21	63	63	3	67	25	74(252)
105.0	6.4	61	61	23	23	78	35	44	11(39)	75	6	69	17
		68	2	74	24(107)	20	20	63	63	2	67	24	74(252)
111.5	5.3	61	61	22	22	78	34	44	10(40)	75	6	69	16
		67	1	75	24(108)	20	20	63	63	1	67	24	75(251)
118.1	4.4	61	61	22	22	79	34	44	9(40)	76	5	70	16
		67	0	75	24(108)	19	19	64	64	0	67	24	75(251)
124.7	3.5	61	61	21	21	79	33	44	9(40)	76	4	70	15
		67	0	76	22(108)	19	19	64	64	0	66	23	76(251)
131.2	2.6	61	61	21	21	79	33	43	8(40)	75	4	69	15
		66	0	76	22(108)	18	18	63	63	0	65	22	76(251)

 HA=110.2 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.2 7.0 7.1

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 114.5 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-45-100-100 % LK = 37

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
	1(0)				2(...)				
	3(90)				4(...)				

	4(...)				5(180)				6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D		
59.1	12.6	53	53	34	34	59	45	40	30	(23)	60	25	58	31
	58	24	58	33	(96)	32	32	55	55	24	58	33	59(263)	
65.6	11.5	54	54	32	32	63	43	41	26	(29)	62	22	60	29
	60	20	62	31	(101)	30	30	56	56	20	60	32	62(258)	
72.2	10.6	56	56	30	30	67	40	43	22	(34)	65	19	62	26
	61	16	65	30	(105)	28	28	58	58	16	61	31	65(254)	
78.7	9.9	58	58	28	28	70	39	43	19	(35)	68	15	64	24
	62	11	68	30	(108)	26	26	60	60	11	62	30	68(251)	
85.3	9.3	59	59	26	26	73	38	43	16	(37)	71	12	66	21
	66	8	70	26	(105)	24	24	61	61	8	65	27	70(254)	
91.9	8.6	61	61	24	24	77	37	44	13	(38)	74	9	68	19
	67	5	73	25	(106)	22	22	63	63	5	67	26	73(253)	
98.4	7.5	61	61	23	23	78	35	44	12	(39)	75	7	69	18
	67	3	74	25	(107)	21	21	63	63	3	67	25	74(252)	
105.0	6.4	61	61	23	23	78	35	44	11	(39)	75	6	69	17
	68	2	74	24	(107)	20	20	63	63	2	67	24	74(252)	
111.5	5.3	61	61	22	22	79	34	44	10	(40)	75	6	69	16
	67	1	75	24	(108)	20	20	63	63	1	67	24	75(251)	
118.1	4.4	61	61	22	22	79	34	44	9	(40)	76	5	70	16
	67	0	75	23	(108)	19	19	64	64	0	67	24	75(251)	
124.7	3.5	61	61	21	21	79	33	44	9	(40)	76	4	70	15
	67	0	76	22	(108)	19	19	64	64	0	66	23	76(251)	
131.2	2.6	61	61	21	21	79	33	43	8	(40)	75	4	70	15
	66	0	76	22	(108)	18	18	63	63	0	65	22	76(251)	

HA=114.5 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.2 7.0 7.1

Main boom and fixed jib (jib angle 20.0 degrees)
Length of main boom = 124.3 ft Length of jib = 82.0 ft
Main boom sequence = 0-0-0-90-90-90 % LK = 45
Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.					
	1(0)	2(...)	3(90)		4(...)	5(180)	6(...)							
	A	B	C	D	A	B	C	D	A	B	C	D		
59.1	13.4	54	54	33	33	62	44	41	28	(28)	62	23	60	30
	60	22	61	32	(100)	31	31	56	56	21	60	32	62(259)	
65.6	12.8	57	57	30	30	67	41	43	23	(34)	66	19	63	26
	62	16	66	31	(105)	28	28	59	59	16	62	31	66(254)	
72.2	12.1	59	59	28	28	72	40	43	19	(35)	70	15	65	23
	64	11	69	29	(108)	26	26	61	61	11	63	30	70(251)	
78.7	11.5	61	61	26	26	76	38	44	15	(38)	74	11	68	20
	67	7	72	26	(106)	24	24	63	63	7	67	27	73(253)	
85.3	9.9	61	61	24	24	77	37	44	13	(38)	74	9	69	19
	68	5	73	25	(106)	22	22	63	63	5	67	26	73(253)	
91.9	8.4	61	61	24	24	77	36	44	12	(39)	75	8	69	18
	67	4	73	25	(107)	22	22	63	63	4	67	26	74(252)	
98.4	7.1	61	61	23	23	78	35	44	11	(39)	75	7	69	18
	67	3	74	24	(107)	21	21	63	63	3	67	25	74(252)	
105.0	6.0	61	61	22	22	78	35	44	11	(39)	75	6	69	17
	68	2	74	24	(107)	20	20	63	63	2	67	24	74(252)	

111.5 4.9 61 61 22 22 79 34 44 10(40) 75 6 69 16
 67 1 75 24(108) 20 20 63 63 1 67 24 75(251)
 118.1 3.7 61 61 22 22 78 34 44 10(40) 75 5 69 16
 67 0 74 24(108) 19 19 63 63 0 66 24 74(251)
 124.7 3.1 61 61 21 21 79 33 44 8(40) 76 4 70 15
 66 0 76 22(108) 19 19 64 64 0 66 22 77(251)

 HA=124.3 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.2 7.1 7.1

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 130.9 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])	0-360 Degr.		
		1(0)		2(...)				3(90)					
		4(...)	5(180)			6(...)							
A	B	C	D	A	B	C	D	A	B	C	D		
65.6	11.5	55	55	32	32	64	42	42	25(31)	63	21	60	28
		60	19	63	31(102)	30	30	57	57	19	60	31	63(257)
72.2	10.8	57	57	29	29	69	40	43	21(35)	67	17	63	25
		62	14	67	30(106)	27	27	59	59	14	62	30	67(253)
78.7	10.1	59	59	27	27	72	39	43	17(36)	70	13	66	22
		65	10	69	27(104)	25	25	61	61	10	65	27	69(255)
85.3	9.5	60	60	25	25	76	37	44	14(38)	73	10	68	20
		67	6	72	26(106)	23	23	63	63	6	66	26	72(253)
91.9	8.2	61	61	24	24	77	36	44	13(39)	74	9	69	19
		67	4	73	25(107)	22	22	63	63	4	66	26	73(252)
98.4	6.8	61	61	23	23	77	35	44	12(39)	74	7	69	18
		67	3	73	25(107)	21	21	63	63	3	67	25	73(252)
105.0	5.7	61	61	23	23	78	35	44	11(39)	75	6	69	17
		67	2	74	24(107)	20	20	63	63	2	67	24	74(252)
111.5	4.6	61	61	22	22	78	35	43	10(39)	75	6	69	17
		67	1	74	24(107)	20	20	63	63	1	67	24	74(252)
118.1	3.7	61	61	22	22	78	34	44	9(40)	75	5	69	16
		67	0	75	24(108)	19	19	63	63	0	66	24	75(251)
124.7	2.9	61	61	21	21	79	33	44	9(40)	75	4	69	15
		66	0	75	23(108)	19	19	63	63	0	66	23	75(251)

 HA=130.9 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.2 7.0 7.0

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 138.1 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])	0-360 Degr.		
		1(0)		2(...)				3(90)					
		4(...)	5(180)			6(...)							
A	B	C	D	A	B	C	D	A	B	C	D		
65.6	12.6	57	57	30	30	69	40	43	22(35)	67	18	63	26
		62	15	67	30(106)	28	28	59	59	15	62	31	67(253)
72.2	12.1	60	60	27	27	74	39	43	17(36)	72	13	67	22
		67	10	70	27(104)	25	25	62	62	10	66	27	70(255)

78.7	10.6	60	60	26	26	76	37	44	15(38)	73	11	68	21
	67	7	72	26(106)		24	24	62	62	7	66	27	72(253)
85.3	8.8	60	60	25	25	76	37	44	14(38)	73	10	68	20
	67	6	72	26(106)		23	23	62	62	6	66	26	72(253)
91.9	7.3	60	60	24	24	76	36	43	13(38)	73	9	68	19
	67	5	72	25(106)		22	22	62	62	5	66	26	72(253)
98.4	6.0	60	60	24	24	76	35	44	12(39)	73	8	68	18
	66	4	73	25(107)		21	21	62	62	4	66	25	73(252)
105.0	4.9	60	60	23	23	77	35	43	11(39)	74	7	68	17
	66	3	73	24(107)		21	21	63	63	2	66	25	73(252)
111.5	3.7	60	60	22	22	77	34	43	11(39)	74	6	68	17
	66	2	73	24(107)		20	20	63	63	2	66	24	73(252)
118.1	2.9	60	60	22	22	77	34	43	10(39)	74	6	69	16
	67	1	73	23(107)		19	19	63	63	1	66	24	74(252)

HA=138.1 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.1 6.8 6.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 145.0 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-45-100-100-100 % LK = 55

Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
A	B	C	D	A	B	C	D	A	B	C	D		
65.6	11.7	56	56	31	31	66	41	42	23(33)	65	19	62	27
	61	17	65	31(104)		29	29	58	58	17	61	31	65(255)
72.2	10.8	58	58	28	28	70	40	42	20(34)	69	16	64	24
	63	12	68	29(107)		26	26	60	60	12	62	30	68(252)
78.7	10.1	60	60	26	26	74	38	43	16(37)	72	12	67	21
	66	8	71	26(105)		24	24	62	62	8	66	27	71(254)
85.3	8.6	60	60	25	25	75	37	44	14(38)	73	10	67	20
	66	6	72	26(106)		23	23	62	62	6	66	26	72(253)
91.9	7.1	60	60	24	24	75	36	43	13(38)	73	9	67	19
	66	5	72	25(106)		22	22	62	62	5	66	26	72(253)
98.4	5.7	60	60	24	24	76	36	43	13(38)	73	8	67	19
	66	4	72	25(106)		21	21	62	62	4	66	25	72(253)
105.0	4.6	60	60	23	23	76	35	43	12(39)	73	7	68	18
	66	3	73	24(107)		21	21	62	62	3	65	25	73(252)
111.5	3.5	60	60	23	23	76	34	43	11(39)	73	7	68	17
	66	2	73	24(107)		20	20	62	62	2	65	24	73(252)
118.1	2.6	60	60	22	22	77	34	43	11(39)	73	6	68	17
	66	2	73	24(107)		20	20	62	62	1	66	24	73(252)

HA=145.0 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.1 6.8 6.8

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 152.2 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-90-90-90-90 % LK = 62

Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)		3(90)		6(...)		

	4(...)				5(180)				6(...)				
	A	B	C	D	A	B	C	D	A	B	C	D	
	72.2	11.5	60	60	27	27	73	39	43	17(36)	71	13	67
		66	10	70	27(104)	25	25	62	62	9	66	27	70(255)
78.7	9.5	60	60	26	26	74	38	43	16(37)	72	12	67	21
		66	8	71	26(105)	24	24	62	62	8	65	27	71(254)
85.3	7.7	59	59	25	25	74	37	43	15(37)	72	11	67	20
		66	7	71	26(105)	23	23	62	62	7	65	26	71(254)
91.9	6.2	59	59	25	25	74	36	43	14(38)	72	10	67	20
		65	6	71	26(106)	22	22	62	62	6	65	26	71(253)
98.4	4.9	59	59	24	24	74	36	43	13(38)	72	9	67	19
		65	5	71	25(106)	22	22	62	62	5	65	25	71(253)
105.0	3.7	59	59	24	24	75	35	43	13(38)	72	8	67	18
		65	4	71	24(106)	21	21	62	62	4	65	25	71(253)
111.5	2.6	59	59	23	23	75	35	42	12(38)	72	7	67	18
		65	4	71	24(106)	21	21	62	62	3	65	24	71(253)

 HA=152.2 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.6 6.6

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 161.4 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-100-100-100-100 % LK = 63
 Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
72.2	10.8	59	59	27	27	72	39	43	18(36)	70	14	65	23
		63	10	70	29(109)	25	25	61	61	10	63	30	70(250)
78.7	9.0	59	59	26	26	73	38	43	17(36)	71	12	66	21
		66	9	69	26(104)	24	24	61	61	9	65	27	70(255)
85.3	7.3	59	59	26	26	73	37	43	16(37)	71	11	66	21
		65	8	70	26(105)	23	23	61	61	8	65	26	70(254)
91.9	6.0	59	59	25	25	74	37	43	14(37)	71	10	66	20
		65	6	70	25(105)	22	22	61	61	6	65	26	71(254)
98.4	4.6	59	59	24	24	74	36	43	13(38)	71	9	67	19
		65	5	71	25(106)	22	22	61	61	5	65	26	71(253)
105.0	3.5	59	59	24	24	75	35	43	13(38)	72	8	67	18
		65	4	71	24(106)	21	21	62	62	4	65	25	71(253)
111.5	2.4	59	59	23	23	74	35	42	12(38)	72	8	67	18
		65	4	71	24(106)	21	21	61	61	4	65	24	71(253)

 HA=161.4 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.6 6.6

Main boom and fixed jib (jib angle 20.0 degrees)
 Length of main boom = 166.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-45-90-90-90-90 % LK = 68
 Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
	1(0)				2(...)							
	3(90)				4(...)							
	A	B	C	D	A	B	C	D	A	B	C	D

72.2	9.9	58	58	28	28	71	39	43	18(35)	69	14	65	23
		63	10	69	29(108)	25	25	60	60	10	63	29	69(251)
78.7	7.9	58	58	27	27	71	38	43	17(36)	69	13	65	22
		65	10	69	27(104)	24	24	60	60	9	64	27	69(255)
85.3	6.4	58	58	26	26	72	38	42	16(36)	70	11	65	21
		65	8	69	26(104)	23	23	61	61	8	65	26	69(255)
91.9	4.9	58	58	25	25	72	37	42	15(37)	70	11	65	20
		64	7	69	26(105)	23	23	60	60	7	64	26	69(254)
98.4	3.7	58	58	24	24	73	36	42	14(37)	71	9	66	19
		65	6	70	25(105)	22	22	61	61	6	65	25	70(254)
105.0	2.4	58	58	24	24	73	36	42	14(37)	70	9	66	19
		65	5	70	24(105)	21	21	61	61	5	64	25	70(254)

HA=166.0 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.8 6.0 6.5 6.5

Main boom and fixed jib (jib angle 20.0 degrees)

Length of main boom = 175.5 ft Length of jib = 82.0 ft

Main boom sequence = 0-45-100-100-100-100 % LK = 69

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
78.7	7.7	58	58	27	27	71	38	43	17(36)	69	13	65	22
		64	10	68	27(104)	24	24	60	60	10	64	27	68(255)
85.3	6.0	58	58	26	26	71	38	42	17(36)	69	12	65	21
		64	9	68	26(104)	24	24	60	60	9	64	26	68(255)
91.9	4.6	58	58	25	25	72	37	42	15(37)	70	11	65	20
		64	7	69	26(105)	23	23	60	60	7	64	26	69(254)
98.4	3.3	58	58	25	25	72	36	42	15(37)	70	10	65	20
		64	7	69	25(105)	22	22	60	60	6	64	26	69(254)
105.0	2.2	58	58	24	24	72	36	42	14(37)	70	9	65	19
		64	6	69	24(105)	22	22	60	60	6	64	25	69(254)

HA=175.5 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.7 5.9 6.4 6.5

HA=175.5 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

Programm L A M O S 9 9 Version 1.08 vom 29.09.02

14.10.2003, 15:45:01

Eingabedatei: ilam.dat

Festdatei : /berechnung/tabellen/zentraledaten/lamosfd-ac/200-1.99dat

Tabellendat.: /berechnung/tabellen/ac/ac200-1/serie_3/pc_tab/22137612_tab.txt

H

DEMAG Mobile Cranes
 O U T R I G G E R - L O A D I N G S
 (Variance = +/-10%)

PSI= 1.00

Crane : *** AC 200-1 *** mit HKHI fuer KS

 Outrigger width = 18.7 ft Outrigger length = 27.7 ft
 Outrigger "A" X = 12.0 ft Outrigger "A" Y = 9.4 ft
 Outrigger "B" X = 12.0 ft Outrigger "B" Y = -9.4 ft
 Outrigger "C" X = -15.7 ft Outrigger "C" Y = 9.4 ft
 Outrigger "D" X = -15.7 ft Outrigger "D" Y = -9.4 ft

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 40.7 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-0 % LK = 1
 Counterweight = 28.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		6(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
52.5	13.2	47	47	41	41	50	39	47	38(59)	49	36	50	39	
		45	35	51	43(128)	39	39	49	49	35	45	43	51(232)	
59.1	12.1	48	48	38	38	54	37	48	35(59)	52	32	52	37	
		52	32	52	37(90)	36	36	50	50	32	52	37	52(270)	
65.6	11.5	50	50	36	36	53	47	39	34(13)	56	28	55	34	
		56	28	55	34(90)	34	34	52	52	28	56	34	55(270)	
72.2	10.8	52	52	34	34	59	44	40	29(24)	60	24	57	31	
		58	23	58	32(96)	32	32	54	54	23	58	32	59(263)	
78.7	10.1	54	54	31	31	63	42	41	25(31)	63	21	60	28	
		60	19	62	31(102)	29	29	56	56	18	60	31	62(257)	
85.3	9.5	56	56	29	29	67	39	43	21(35)	66	17	62	25	
		61	14	66	30(106)	27	27	58	58	14	61	30	66(253)	
91.9	9.3	59	59	26	26	73	38	43	17(36)	70	13	66	22	
		65	9	69	26(104)	24	24	61	61	9	65	27	69(255)	
98.4	8.6	60	60	24	24	76	37	43	13(38)	74	9	68	19	
		67	5	73	25(106)	22	22	63	63	5	67	26	73(253)	

 HA= 40.7 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.7 6.8

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 54.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-0-45 % LK = 7
 Counterweight = 28.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)		2(...)		3(90)		6(...)						
		A	B	C	D	A	B	C	D		A	B	C	D
52.5	13.2	47	47	41	41	50	39	47	38(59)	49	36	49	40	
		45	35	51	43(128)	39	39	49	49	35	45	43	51(232)	

59.1	12.3	49	49	38	38	54	37	48	35(59)	53	32	52	37
		53	32	52	37(90)	36	36	50	50	32	53	37	52(270)
65.6	11.7	50	50	36	36	54	47	39	34(14)	56	28	55	34
		56	28	55	34(90)	34	34	53	53	28	56	34	55(270)
72.2	11.0	52	52	34	34	59	44	40	29(25)	60	24	58	31
		58	23	59	32(97)	32	32	55	55	23	58	32	59(262)
78.7	10.4	54	54	31	31	63	42	41	25(31)	63	21	60	28
		60	19	62	31(102)	29	29	56	56	18	60	31	62(257)
85.3	9.9	57	57	29	29	68	39	43	21(35)	67	17	63	25
		62	14	66	30(106)	27	27	59	59	13	61	30	66(253)
91.9	9.5	59	59	27	27	72	39	43	17(36)	70	13	65	22
		65	10	69	27(104)	24	24	61	61	9	65	27	69(255)
98.4	9.0	61	61	24	24	77	37	44	13(38)	74	9	68	19
		67	5	73	25(106)	22	22	63	63	5	67	26	73(253)
105.0	7.7	61	61	24	24	77	35	44	12(39)	74	8	69	18
		67	4	73	25(107)	21	21	63	63	4	66	25	73(252)

HA= 54.5 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.2 6.8 6.8

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 68.6 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-0-90 % LK = 13

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)				2(...)								
	3(90)				4(...)								
	A	B	C	D	A	B	C	D	A	B	C	D	
59.1	12.3	49	49	38	38	54	37	48	35(59)	52	32	52	37
		52	32	52	37(90)	36	36	50	50	32	52	37	52(270)
65.6	11.7	50	50	36	36	54	47	39	34(14)	56	28	55	34
		56	28	55	34(90)	34	34	52	52	28	56	34	55(270)
72.2	10.8	52	52	34	34	58	45	40	30(23)	59	25	57	31
		58	24	58	32(95)	32	32	54	54	24	58	32	58(264)
78.7	10.1	54	54	32	32	62	42	41	26(30)	62	21	60	28
		60	19	62	31(101)	30	30	56	56	19	59	31	62(258)
85.3	9.3	55	55	30	30	65	41	42	23(33)	64	19	61	26
		60	16	64	30(104)	28	28	57	57	16	60	30	64(255)
91.9	8.6	57	57	28	28	68	40	42	20(34)	67	16	63	24
		62	12	67	29(107)	26	26	59	59	12	61	30	67(252)
98.4	7.9	58	58	26	26	71	38	43	17(36)	69	13	65	22
		65	9	68	26(104)	24	24	60	60	9	64	27	69(255)
105.0	7.5	60	60	24	24	75	36	43	14(38)	73	9	67	19
		66	6	71	25(106)	22	22	62	62	6	66	26	72(253)
111.5	6.6	60	60	23	23	77	35	44	12(39)	74	8	68	18
		67	4	73	25(107)	21	21	63	63	3	66	25	73(252)
118.1	5.7	61	61	22	22	78	35	43	11(39)	75	6	69	17
		67	2	74	24(107)	20	20	63	63	2	67	24	74(252)

HA= 68.6 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.2 6.9 6.9

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 70.2 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-0-100 % LK = 14

Counterweight = 28.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.		
		1(0)				2(...)				3(90)						
		4(...)				5(180)				6(...)						
A	B	C	D	A	B	C	D	A	B	C	D					
59.1	11.5	47	47	39	39	52	37	47	36	(59)	51	34	51	38		
		46	32	52	42	(128)	37	37	49	49		32	46	42	52	(232)
65.6	10.4	49	49	37	37	55	35	48	33	(59)	53	30	53	35		
		53	30	53	35	(90)	35	35	51	51		30	53	35	53	(270)
72.2	9.5	50	50	35	35	53	46	38	33	(15)	56	27	54	33		
		56	27	54	33	(90)	33	33	52	52		27	56	33	54	(270)
78.7	8.8	52	52	33	33	58	44	40	29	(24)	59	24	57	30		
		58	23	58	32	(96)	31	31	54	54		23	57	32	58	(263)
85.3	7.9	53	53	32	32	60	42	40	26	(28)	61	22	58	29		
		58	20	60	31	(100)	30	30	55	55		20	58	31	60	(259)
91.9	7.5	54	54	30	30	65	40	41	23	(33)	64	18	61	26		
		60	16	63	30	(104)	28	28	57	57		16	59	30	63	(255)
98.4	6.8	56	56	28	28	67	39	42	20	(35)	66	16	62	24		
		61	13	66	29	(106)	26	26	58	58		13	60	29	66	(253)
105.0	6.4	57	57	26	26	71	38	42	17	(36)	69	13	64	22		
		64	10	68	26	(104)	24	24	60	60		9	63	27	68	(255)
111.5	6.0	59	59	25	25	74	37	43	14	(37)	71	10	66	20		
		65	6	70	25	(105)	22	22	61	61		6	65	26	71	(254)
118.1	5.5	60	60	23	23	77	35	43	11	(39)	74	7	68	17		
		67	3	73	24	(107)	21	21	63	63		2	66	25	73	(252)

HA= 70.2 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.1 6.8 6.8

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 82.3 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-45-90 % LK = 20

Counterweight = 28.7 kip

Radius Cap. [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.		
		1(0)				2(...)				3(90)						
		4(...)				5(180)				6(...)						
A	B	C	D	A	B	C	D	A	B	C	D					
65.6	11.9	51	51	35	35	55	46	39	33	(17)	57	28	56	33		
		57	28	56	33	(90)	34	34	53	53		27	57	33	56	(269)
72.2	11.0	53	53	33	33	59	44	40	29	(25)	60	24	58	30		
		59	23	59	32	(97)	31	31	55	55		23	58	32	59	(262)
78.7	10.4	55	55	31	31	64	42	41	25	(31)	63	21	60	28		
		60	18	63	31	(102)	29	29	57	57		18	60	31	63	(257)
85.3	9.7	56	56	29	29	68	39	43	21	(35)	66	17	63	25		
		61	14	66	30	(106)	27	27	58	58		14	61	30	66	(253)
91.9	9.0	58	58	27	27	71	39	42	18	(35)	69	14	65	23		
		63	10	69	29	(108)	25	25	60	60		10	62	29	69	(251)
98.4	8.4	59	59	26	26	74	37	43	15	(37)	71	11	67	21		
		66	7	70	26	(105)	23	23	62	62		7	65	26	71	(254)
105.0	7.7	60	60	24	24	77	36	44	13	(39)	74	8	68	19		
		67	4	73	25	(107)	22	22	63	63		4	66	26	73	(252)
111.5	6.6	61	61	23	23	77	35	44	12	(39)	74	7	69	18		
		67	3	73	25	(107)	21	21	63	63		3	66	25	73	(252)

118.1 5.5 61 61 23 23 77 35 43 11(39) 74 7 69 17
 67 2 73 24(107) 20 20 63 63 2 66 25 74(252)
 124.7 4.6 61 61 22 22 78 34 44 10(40) 75 6 69 16
 67 1 74 24(108) 20 20 63 63 1 66 24 74(251)
 131.2 3.7 61 61 22 22 79 33 44 9(40) 75 5 69 16
 67 0 75 23(108) 19 19 63 63 0 66 24 75(251)

 HA= 82.3 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.2 6.9 7.0

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 84.0 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-45-100 % LK = 21
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.															
		1(0)		2(...)		3(90)		6(...)																	
		A	B	C	D	A	B	C	D		A	B	C	D											
65.6	10.6	49	49	37	37	50	48	37	36(4)	54	30	53	35	54	30	53	35(90)	35	35	51	51	30	54	35	53(270)
72.2	9.7	51	51	35	35	55	46	39	32(18)	57	27	55	32	57	26	56	32(91)	33	33	53	53	26	56	33	56(268)
78.7	9.0	52	52	33	33	59	43	40	28(26)	60	23	58	30	58	22	59	32(98)	31	31	54	54	22	58	32	59(261)
85.3	8.4	54	54	31	31	63	41	41	24(31)	62	20	60	28	59	18	62	30(102)	29	29	56	56	18	59	31	62(257)
91.9	7.7	55	55	29	29	66	39	42	22(34)	65	17	62	25	60	15	65	30(105)	27	27	58	58	14	60	30	65(254)
98.4	7.3	57	57	27	27	69	39	42	19(35)	68	14	64	23	62	11	68	29(108)	25	25	59	59	10	61	29	68(251)
105.0	6.8	59	59	26	26	73	37	43	15(37)	71	11	66	21	65	7	70	26(105)	23	23	61	61	7	65	26	70(254)
111.5	6.4	60	60	24	24	76	36	43	13(38)	73	8	68	18	67	4	72	24(106)	21	21	62	62	4	66	25	73(253)
118.1	5.5	60	60	23	23	77	35	43	11(39)	74	7	69	17	67	2	73	24(107)	21	21	63	63	2	66	25	73(252)
124.7	4.6	61	61	22	22	78	34	43	10(39)	75	6	69	16	67	1	74	24(107)	20	20	63	63	1	67	24	74(252)
131.2	3.7	61	61	22	22	78	33	44	9(40)	75	5	69	16	67	0	74	24(108)	19	19	63	63	0	66	24	75(251)

 HA= 84.0 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.2 6.9 6.9

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 96.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-0-90-90 % LK = 28
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.															
		1(0)		2(...)		3(90)		6(...)																	
		A	B	C	D	A	B	C	D		A	B	C	D											
65.6	11.7	51	51	35	35	55	47	39	33(16)	57	28	55	33	57	28	55	33(90)	34	34	53	53	28	57	33	55(270)

72.2	11.2	53	53	33	33	61	44	41	28(27)	61	23	58	30
		59	22	60	32(99)	31	31	55	55	22	59	32	60(260)
78.7	10.4	55	55	31	31	64	41	42	24(32)	64	20	61	27
		60	18	63	31(103)	29	29	57	57	18	60	31	63(256)
85.3	9.9	57	57	29	29	69	39	43	20(36)	67	16	63	24
		62	13	67	30(107)	26	26	59	59	13	61	30	67(252)
91.9	9.3	58	58	27	27	72	39	43	17(36)	70	13	65	22
		65	10	69	27(104)	24	24	61	61	9	65	27	69(255)
98.4	8.6	60	60	25	25	75	37	44	14(38)	73	10	67	20
		66	6	72	26(106)	23	23	62	62	6	66	26	72(253)
105.0	7.5	60	60	24	24	76	36	43	13(38)	73	9	68	19
		67	5	72	25(106)	22	22	63	63	4	66	25	73(253)
111.5	6.4	60	60	23	23	77	35	44	12(39)	74	7	68	18
		67	3	73	25(107)	21	21	63	63	3	66	25	73(252)
118.1	5.5	61	61	22	22	78	35	43	11(39)	75	6	69	17
		67	2	74	24(107)	20	20	63	63	2	67	24	74(252)
124.7	4.6	61	61	22	22	79	34	44	10(40)	75	5	69	16
		67	0	75	24(108)	19	19	63	63	0	67	24	75(251)
131.2	3.7	61	61	21	21	79	33	44	9(40)	75	4	69	15
		67	0	75	23(108)	19	19	64	64	0	66	23	75(251)
137.8	2.9	61	61	21	21	79	33	43	9(40)	75	4	69	15
		66	0	76	22(108)	19	19	63	63	0	65	22	76(251)

 HA= 96.5 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.2 7.0 7.0

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 100.4 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-0-100-100 % LK = 29

Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.			
		1(0)		2(...)		3(90)		6(...)					
		4(...)		5(180)		6(...)							
		A	B	C	D	A	B	C	D				
65.6	10.6	49	49	37	37	51	48	38	35(7)	54	29	54	34
		54	29	54	34(90)	34	34	51	51	29	54	34	54(270)
72.2	9.9	51	51	34	34	56	45	39	31(21)	58	26	56	32
		57	25	56	32(93)	32	32	53	53	25	57	32	57(266)
78.7	9.3	53	53	32	32	61	43	41	27(28)	61	22	58	29
		59	21	60	31(99)	30	30	55	55	21	58	31	60(260)
85.3	8.6	54	54	30	30	64	41	41	23(32)	63	19	60	27
		60	17	63	30(103)	28	28	57	57	17	60	30	63(256)
91.9	8.2	56	56	28	28	68	39	42	20(34)	67	16	63	24
		61	12	67	29(107)	26	26	59	59	12	61	30	67(252)
98.4	7.5	58	58	27	27	71	38	42	17(36)	69	13	65	22
		64	10	68	27(104)	24	24	60	60	10	64	27	68(255)
105.0	7.1	59	59	25	25	75	36	43	14(38)	72	10	67	20
		66	6	71	26(106)	22	22	62	62	6	65	26	71(253)
111.5	6.4	60	60	23	23	77	35	44	12(39)	74	7	68	18
		67	3	73	25(107)	21	21	63	63	3	66	25	73(252)
118.1	5.5	61	61	22	22	78	35	43	11(39)	75	6	69	17
		67	2	74	24(107)	20	20	63	63	2	67	24	74(252)
124.7	4.6	61	61	22	22	79	34	44	10(40)	75	5	69	16
		67	0	75	24(108)	19	19	63	63	0	67	24	75(251)

131.2 3.7 61 61 21 21 79 33 44 9(40) 75 5 69 15
 67 0 75 23(108) 19 19 63 63 0 66 23 75(251)
 137.8 2.9 61 61 21 21 79 33 43 9(40) 75 4 69 15
 66 0 75 22(108) 19 19 63 63 0 65 23 76(251)

 HA=100.4 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.2 7.0 7.0

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 110.2 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-45-90-90 % LK = 36
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		6(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
72.2	11.2	54	54	32	32	62	43	41	27(29)	62	22	59	29	
		60	21	61	32(100)	30	30	56	56	21	59	32	61(259)	
78.7	10.6	56	56	30	30	66	40	43	23(34)	65	19	62	26	
		61	16	65	30(105)	28	28	58	58	16	60	31	65(254)	
85.3	10.1	58	58	28	28	71	39	43	19(35)	69	15	65	23	
		63	11	69	29(108)	26	26	60	60	11	62	30	69(251)	
91.9	9.5	60	60	26	26	74	38	43	15(37)	72	11	67	21	
		66	8	71	26(105)	24	24	62	62	7	66	26	71(254)	
98.4	8.6	61	61	24	24	77	37	44	13(38)	74	9	68	19	
		67	5	73	25(106)	22	22	63	63	5	67	26	73(253)	
105.0	7.3	61	61	24	24	77	35	44	12(39)	74	8	69	18	
		67	4	73	25(107)	21	21	63	63	4	66	25	73(252)	
111.5	6.2	61	61	23	23	78	35	44	11(39)	75	7	69	17	
		67	2	74	24(107)	21	21	63	63	2	67	25	74(252)	
118.1	5.1	61	61	22	22	78	35	43	11(39)	75	6	69	17	
		67	2	74	24(107)	20	20	63	63	2	67	24	74(252)	
124.7	4.2	61	61	22	22	78	34	44	10(40)	75	5	69	16	
		67	0	74	24(108)	19	19	63	63	0	66	24	75(251)	
131.2	3.3	61	61	21	21	79	33	44	9(40)	75	4	69	15	
		67	0	75	23(108)	19	19	63	63	0	66	23	75(251)	
137.8	2.4	61	61	21	21	78	33	43	9(40)	75	4	69	15	
		66	0	75	22(108)	19	19	63	63	0	65	23	75(251)	

 HA=110.2 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.2 7.0 7.0

Main boom and fixed jib (jib angle 40.0 degrees)
 Length of main boom = 114.5 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-45-100-100 % LK = 37
 Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.
		1(0)		2(...)				3(90)		6(...)				
		A	B	C	D	A	B	C	D	A	B	C	D	
72.2	10.1	52	52	34	34	58	44	40	29(24)	59	24	57	31	
		58	24	58	32(96)	32	32	54	54	23	58	32	58(263)	
78.7	9.5	54	54	32	32	63	42	41	25(30)	62	21	60	28	
		60	19	62	31(101)	29	29	56	56	19	59	31	62(258)	

85.3	8.8	56	56	30	30	66	40	42	22(34)	65	18	62	26
		61	15	65	30(105)	27	27	58	58	15	60	30	65(254)
91.9	8.4	58	58	27	27	70	39	42	18(35)	69	14	64	23
		62	10	68	29(108)	25	25	60	60	10	62	29	68(251)
98.4	7.7	59	59	26	26	73	37	43	15(37)	71	11	66	21
		65	7	70	26(105)	23	23	61	61	7	65	26	70(254)
105.0	7.3	61	61	24	24	77	35	44	12(39)	74	8	69	18
		67	4	73	25(107)	21	21	63	63	4	66	25	73(252)
111.5	6.2	61	61	23	23	78	35	44	11(39)	75	7	69	17
		67	2	74	24(107)	21	21	63	63	2	67	25	74(252)
118.1	5.1	61	61	22	22	78	35	43	11(39)	75	6	69	17
		67	2	74	24(107)	20	20	63	63	2	67	24	74(252)
124.7	4.4	61	61	21	21	79	34	44	9(40)	76	4	70	15
		67	0	75	23(108)	19	19	64	64	0	67	23	76(251)
131.2	3.3	61	61	21	21	78	33	44	9(40)	75	5	69	16
		67	0	75	23(108)	19	19	63	63	0	66	24	75(251)
137.8	2.4	61	61	21	21	78	33	43	9(40)	75	4	69	15
		66	0	75	22(108)	19	19	63	63	0	65	23	75(251)

HA=114.5 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.2 7.0 7.0

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 124.3 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-0-90-90-90 % LK = 45

Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
	1(0)		2(...)		3(90)		6(...)						
	A	B	C	D	A	B	C	D					
72.2	11.0	54	54	32	32	62	43	41	26(29)	62	22	59	29
		60	21	61	31(100)	30	30	56	56	20	59	32	61(259)
78.7	10.6	56	56	30	30	67	40	42	22(34)	66	18	62	26
		62	15	65	30(105)	28	28	58	58	15	61	30	66(254)
85.3	10.1	59	59	27	27	72	39	43	18(36)	70	14	65	22
		63	10	70	29(109)	25	25	61	61	10	63	30	70(250)
91.9	9.5	60	60	25	25	76	37	44	14(38)	73	10	68	20
		67	6	72	26(106)	23	23	62	62	6	66	26	72(253)
98.4	8.2	60	60	24	24	76	37	43	13(38)	74	9	68	19
		67	5	73	25(106)	22	22	63	63	5	67	26	73(253)
105.0	7.1	61	61	23	23	78	35	44	12(39)	75	7	69	18
		67	3	73	25(107)	21	21	63	63	3	67	25	74(252)
111.5	6.0	61	61	22	22	78	35	44	11(39)	75	6	69	17
		67	2	74	24(107)	20	20	63	63	2	67	24	74(252)
118.1	4.9	61	61	22	22	78	34	44	10(40)	75	6	69	16
		67	1	74	24(108)	20	20	63	63	1	66	24	75(251)
124.7	4.0	61	61	21	21	79	34	44	9(40)	75	5	70	16
		67	0	75	23(108)	19	19	64	64	0	66	24	75(251)
131.2	3.1	61	61	21	21	79	33	44	8(40)	76	4	70	15
		66	0	76	22(108)	19	19	64	64	0	66	22	76(251)

HA=124.3 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.2 7.1 7.1

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 130.9 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-0-100-100-100 % LK = 46
 Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.						
	1(0)				2(...)					3(90)					
	4(...)				5(180)					6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D			
78.7	9.5	54	54	31	31	64	41	41	24	(31)	63	20	60	27	
		60	18	63	31	(103)	29	29	57	57	18	60	31	63	(256)
85.3	8.8	56	56	29	29	68	39	42	21	(35)	66	17	63	25	
		61	13	66	30	(106)	27	27	58	58	13	61	30	66	(253)
91.9	8.4	58	58	27	27	72	38	43	17	(36)	70	13	65	22	
		65	10	69	27	(104)	24	24	60	60	9	64	27	69	(255)
98.4	7.9	60	60	24	24	76	37	43	14	(38)	73	9	68	19	
		67	5	72	25	(106)	22	22	62	62	5	66	26	72	(253)
105.0	6.8	61	61	24	24	77	35	44	12	(39)	74	8	68	18	
		67	4	73	25	(107)	21	21	63	63	3	66	25	73	(252)
111.5	5.7	61	61	23	23	77	35	44	11	(39)	74	7	69	17	
		67	2	73	24	(107)	21	21	63	63	2	66	25	74	(252)
118.1	4.6	61	61	22	22	77	35	43	11	(39)	74	6	69	17	
		67	2	73	24	(107)	20	20	63	63	2	66	24	74	(252)
124.7	3.7	61	61	22	22	78	34	44	10	(40)	75	5	69	16	
		67	0	74	24	(108)	19	19	63	63	0	66	24	74	(251)
131.2	2.9	61	61	21	21	78	33	43	9	(40)	75	5	69	15	
		67	0	75	23	(108)	19	19	63	63	0	66	23	75	(251)

HA=130.9 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.2 6.9 7.0

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 138.1 ft Length of jib = 82.0 ft
 Main boom sequence = 0-0-45-90-90-90 % LK = 54
 Counterweight = 28.7 kip

Radius Cap. [ft] [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.						
	1(0)				2(...)					3(90)					
	4(...)				5(180)					6(...)					
	A	B	C	D	A	B	C	D	A	B	C	D			
78.7	10.6	57	57	29	29	69	39	43	21	(36)	67	17	63	25	
		62	13	67	30	(107)	27	27	59	59	13	62	30	67	(252)
85.3	10.1	59	59	26	26	74	38	43	16	(37)	71	12	66	21	
		66	9	70	27	(105)	24	24	62	62	9	65	27	70	(254)
91.9	9.0	60	60	25	25	76	37	44	14	(38)	73	10	68	20	
		67	6	72	26	(106)	23	23	63	63	6	66	26	72	(253)
98.4	7.5	60	60	24	24	76	36	43	13	(38)	73	9	68	19	
		67	5	72	25	(106)	22	22	62	62	5	66	26	72	(253)
105.0	6.2	60	60	24	24	76	35	44	12	(39)	73	8	68	18	
		66	4	73	25	(107)	21	21	62	62	4	66	25	73	(252)
111.5	5.1	60	60	23	23	77	35	43	11	(39)	74	7	68	17	
		67	3	73	24	(107)	21	21	63	63	2	66	25	73	(252)
118.1	4.0	60	60	22	22	77	34	43	11	(39)	74	6	68	17	
		66	2	73	24	(107)	20	20	63	63	2	66	24	73	(252)
124.7	3.1	60	60	22	22	77	34	43	10	(39)	74	5	69	16	
		67	1	73	23	(107)	19	19	63	63	1	66	24	74	(252)

HA=138.1 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.2 6.8 6.8

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 145.0 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-45-100-100-100 % LK = 55

Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.											
		1(0)		2(...)				3(90)		4(...)															
		A	B	C	D	A	B	C	D	A	B	C	D												
78.7	9.5	55	55	30	30	65	41	42	23(33)	65	19	61	26	61	16	64	30(104)	28	28	57	57	16	60	30	64(255)
85.3	8.8	57	57	28	28	69	40	42	20(34)	68	15	64	24	62	12	67	29(107)	26	26	59	59	12	62	30	67(252)
91.9	8.4	59	59	26	26	74	37	43	16(37)	71	11	66	21	66	8	70	26(105)	24	24	61	61	7	65	26	70(254)
98.4	7.3	60	60	24	24	75	36	43	14(38)	73	9	67	19	66	6	72	25(106)	22	22	62	62	5	66	26	72(253)
105.0	6.0	60	60	24	24	75	36	43	13(38)	73	9	67	19	66	5	72	25(106)	22	22	62	62	4	66	25	72(253)
111.5	4.9	60	60	23	23	76	35	43	12(39)	73	7	68	18	66	3	72	25(107)	21	21	62	62	3	65	25	73(252)
118.1	3.7	60	60	23	23	76	34	43	11(39)	73	7	68	17	66	3	72	24(107)	20	20	62	62	2	65	25	73(252)
124.7	2.9	60	60	22	22	77	34	43	11(39)	74	6	68	17	66	2	73	24(107)	20	20	62	62	1	66	24	73(252)

HA=145.0 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.1 6.8 6.8

Main boom and fixed jib (jib angle 40.0 degrees)

Length of main boom = 152.2 ft Length of jib = 82.0 ft

Main boom sequence = 0-0-90-90-90-90 % LK = 62

Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]								(Pos.[Degrees])				0-360 Degr.											
		1(0)		2(...)				3(90)		4(...)															
		A	B	C	D	A	B	C	D	A	B	C	D												
85.3	9.7	59	59	26	26	74	38	43	16(37)	71	12	67	21	66	8	70	27(105)	24	24	62	62	8	65	27	71(254)
91.9	8.2	60	60	25	25	74	37	43	15(37)	72	11	67	20	66	7	71	26(105)	23	23	62	62	7	66	26	71(254)
98.4	6.6	59	59	25	25	75	36	43	14(38)	72	10	67	19	66	6	71	26(106)	22	22	62	62	6	65	26	71(253)
105.0	5.3	59	59	24	24	75	36	43	13(38)	72	9	67	19	66	5	71	25(106)	22	22	62	62	5	65	25	71(253)
111.5	4.2	59	59	23	23	75	35	43	12(38)	73	8	67	18	66	4	72	24(106)	21	21	62	62	4	65	25	72(253)
118.1	3.1	59	59	23	23	75	35	42	12(38)	72	7	67	18	66	3	72	24(106)	21	21	62	62	3	65	24	72(253)

HA=152.2 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.0 6.1 6.7 6.7

Main boom and fixed jib (jib angle 40.0 degrees)
Length of main boom = 161.4 ft Length of jib = 82.0 ft
Main boom sequence = 0-0-100-100-100-100 % LK = 63
Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)					3(90)			
		4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D			
85.3	8.8	58	58	27	27	71	39	42	18(35)	69	14	65	22	
		63	10	69	29(108)	25	25	60	60	10	62	29	69(251)	
91.9	7.7	59	59	26	26	73	37	43	16(37)	71	11	66	21	
		65	8	70	26(105)	23	23	61	61	8	65	26	70(254)	
98.4	6.4	59	59	25	25	74	37	43	15(37)	71	10	67	20	
		66	6	71	25(105)	22	22	62	62	6	65	26	71(254)	
105.0	5.1	59	59	24	24	74	36	43	14(38)	72	9	67	19	
		65	5	71	25(106)	22	22	62	62	5	65	26	71(253)	
111.5	3.7	59	59	24	24	74	35	43	13(38)	71	9	66	19	
		65	5	71	25(106)	22	22	61	61	5	64	25	71(253)	
118.1	2.9	59	59	23	23	75	35	42	12(38)	72	8	67	18	
		65	4	71	24(106)	21	21	62	62	4	65	24	71(253)	

HA=161.4 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.6 6.6

Main boom and fixed jib (jib angle 40.0 degrees)
Length of main boom = 166.0 ft Length of jib = 82.0 ft
Main boom sequence = 0-45-90-90-90-90 % LK = 68
Counterweight = 28.7 kip

Radius [ft]	Cap. [kip]	Outrigger Loadin[kip]				(Pos.[Degrees])				0-360 Degr.				
		1(0)				2(...)					3(90)			
		4(...)				5(180)					6(...)			
A	B	C	D	A	B	C	D	A	B	C	D			
85.3	8.6	58	58	27	27	72	38	43	17(36)	70	13	65	22	
		65	9	69	27(104)	24	24	61	61	9	65	27	69(255)	
91.9	6.8	58	58	26	26	72	38	42	16(36)	70	12	65	21	
		65	9	69	26(104)	24	24	60	60	9	64	26	69(255)	
98.4	5.5	58	58	25	25	73	37	43	15(37)	71	11	66	20	
		65	7	70	26(105)	23	23	61	61	7	64	26	70(254)	
105.0	4.2	58	58	25	25	73	36	42	14(37)	71	10	66	19	
		65	6	70	25(105)	22	22	61	61	6	64	25	70(254)	
111.5	3.1	58	58	24	24	74	35	42	13(38)	71	9	66	19	
		65	5	70	25(106)	21	21	61	61	5	64	25	71(253)	

HA=166.0 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.8 6.0 6.5 6.6

HA=166.0 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=166.0 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=166.0 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=166.0 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=166.0 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=166.0 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=166.0 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

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HA= 40.7 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.0 8.0 6.9 7.4

HA= 54.5 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.9 7.6 7.4 7.4

HA= 68.6 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.8 7.3 7.3 7.3

HA= 70.2 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.5 7.4 7.1 7.1

HA= 82.3 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.8 7.3 8.1 8.2

HA= 84.0 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.1 7.8 7.9

HA= 96.5 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.7 8.0 8.8 8.9

HA=100.4 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.2 7.7 8.4 8.4

HA=110.2 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 8.0 9.0 9.0

HA=114.5 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.7 7.9 8.8 8.8

HA=124.3 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 8.0 9.0 9.0

HA=130.9 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 8.0 8.9 8.9

HA=138.1 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.7 8.0 8.9 8.9

HA=145.0 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 8.0 8.9 8.9

HA=152.2 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 8.0 8.9 8.9

HA=161.4 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 8.0 8.9 8.9

HA=166.0 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 8.0 8.9 8.9

HA=175.5 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.7 7.9 8.9 8.9

HA=180.1 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.7 8.7

HA=191.9 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.5 7.8 8.6 8.7

HA=193.9 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.3 7.8 8.5 8.5

HA=205.7 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.2 7.7 8.4 8.4

HA=208.0 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.1 7.7 8.3 8.4

HA=219.8 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.0 7.6 8.3 8.3

HA= 40.7 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.0 6.7 6.6 6.6

HA= 54.5 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.6 6.9 7.1 7.2

HA= 68.6 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.6 6.9 7.1 7.1

HA= 70.2 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 7.4 6.7 6.9 7.0

HA= 82.3 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.2 7.8 7.9

HA= 84.0 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 8.3 7.1 7.7 7.7

HA= 96.5 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.4 7.8 8.6 8.6

HA=100.4 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.1 7.6 8.3 8.3

HA=110.2 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 8.0 8.9 9.0

HA=114.5 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 7.9 8.9 8.9

HA=124.3 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 8.0 8.9 9.0

HA=130.9 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.7 8.0 8.8 8.9

HA=138.1 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.7 8.0 8.8 8.9

HA=145.0 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 7.9 8.9 8.9

HA=152.2 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 8.0 8.9 8.9

HA=161.4 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.7 8.0 8.9 8.9

HA=166.0 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.8 8.0 8.9 8.9

HA=175.5 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.7 7.9 8.8 8.8

HA=180.1 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.6 7.9 8.7 8.8

HA=191.9 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.5 7.8 8.6 8.7

HA=193.9 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.3 7.8 8.5 8.5

HA=205.7 HI= 82.0 GGW= 75.8 SL= 0.0 MAX(A,B,C,D)= 9.3 7.7 8.5 8.5

HA=208.0	HI= 82.0	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.2	7.7	8.4	8.4
HA=219.8	HI= 82.0	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.0	7.6	8.3	8.3
HA= 40.7	HI= 82.0	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 6.5	6.5	6.1	6.1
HA= 54.5	HI= 82.0	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 6.7	6.6	6.4	6.4
HA= 68.6	HI= 82.0	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 6.8	6.6	6.5	6.5
HA= 70.2	HI= 82.0	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 6.4	6.4	6.1	6.1
HA= 82.3	HI= 82.0	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 7.7	6.9	7.2	7.2
HA= 84.0	HI= 82.0	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 7.3	6.7	6.9	6.9
HA= 96.5	HI= 82.0	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 8.6	7.2	8.0	8.0
HA=100.4	HI= 82.0	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 8.2	7.0	7.6	7.6
HA=110.2	HI= 82.0	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.4	7.8	8.5	8.6
HA=114.5	HI= 82.0	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.1	7.7	8.4	8.4
HA=124.3	HI= 82.0	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.7	7.9	8.8	8.8
HA=130.9	HI= 82.0	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.7	7.9	8.8	8.8
HA=138.1	HI= 82.0	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.7	7.9	8.9	8.9
HA=145.0	HI= 82.0	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.7	7.9	8.9	8.9
HA=152.2	HI= 82.0	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.7	7.9	8.8	8.8
HA=161.4	HI= 82.0	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.7	8.0	8.8	8.9
HA=166.0	HI= 82.0	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.7	8.0	8.9	8.9
HA=175.5	HI= 82.0	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.7	7.9	8.8	8.8
HA=180.1	HI= 82.0	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.5	7.9	8.7	8.7
HA=191.9	HI= 82.0	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.5	7.8	8.7	8.7
HA=193.9	HI= 82.0	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.4	7.8	8.6	8.6
HA=205.7	HI= 82.0	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.2	7.7	8.4	8.5
HA=208.0	HI= 82.0	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.1	7.7	8.4	8.4
HA=219.8	HI= 82.0	GGW= 75.8	SL= 0.0	MAX(A,B,C,D)= 9.0	7.6	8.2	8.2
HA= 40.7	HI= 82.0	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 7.5	7.5	7.0	7.0
HA= 54.5	HI= 82.0	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.0	7.1	7.5	7.5
HA= 68.6	HI= 82.0	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.0	6.9	7.4	7.4
HA= 70.2	HI= 82.0	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 7.7	6.9	7.2	7.2
HA= 82.3	HI= 82.0	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.9	7.5	8.2	8.2
HA= 84.0	HI= 82.0	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.6	7.3	7.9	7.9
HA= 96.5	HI= 82.0	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.4	7.7	8.6	8.6
HA=100.4	HI= 82.0	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.3	7.6	8.5	8.5
HA=110.2	HI= 82.0	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.4	7.7	8.6	8.6
HA=114.5	HI= 82.0	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.4	7.7	8.7	8.7
HA=124.3	HI= 82.0	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.4	7.7	8.6	8.6
HA=130.9	HI= 82.0	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.4	7.7	8.6	8.6
HA=138.1	HI= 82.0	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.4	7.7	8.6	8.6
HA=145.0	HI= 82.0	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.4	7.7	8.6	8.6
HA=152.2	HI= 82.0	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.4	7.7	8.6	8.6
HA=161.4	HI= 82.0	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.4	7.7	8.6	8.6
HA=166.0	HI= 82.0	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.5	8.5
HA=175.5	HI= 82.0	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.2	7.6	8.4	8.5
HA=180.1	HI= 82.0	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 9.1	7.6	8.3	8.3
HA=191.9	HI= 82.0	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.9	7.5	8.2	8.2
HA=193.9	HI= 82.0	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.8	7.5	8.1	8.2
HA=205.7	HI= 82.0	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.7	7.4	8.0	8.1
HA=208.0	HI= 82.0	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.6	7.3	7.9	8.0
HA=219.8	HI= 82.0	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 8.5	7.1	7.9	7.9
HA= 40.7	HI= 82.0	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 7.1	6.6	6.7	6.7
HA= 54.5	HI= 82.0	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 7.8	6.8	7.3	7.3
HA= 68.6	HI= 82.0	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 7.7	6.8	7.2	7.3
HA= 70.2	HI= 82.0	GGW= 68.6	SL= 0.0	MAX(A,B,C,D)= 7.5	6.7	7.1	7.1

HA= 82.3 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.5 7.1 8.0 8.0
HA= 84.0 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.8 7.8
HA= 96.5 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.6 8.5 8.5
HA=100.4 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.4 8.4
HA=110.2 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.6 8.6
HA=114.5 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.7 8.5 8.6
HA=124.3 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.6 8.6
HA=130.9 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.5 8.6
HA=138.1 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.7 8.5 8.6
HA=145.0 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.7 8.5 8.6
HA=152.2 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.5 8.6
HA=161.4 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.6 8.6
HA=166.0 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.7 8.5 8.5
HA=175.5 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.5 8.5
HA=180.1 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.4 8.4
HA=191.9 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.0 7.5 8.2 8.3
HA=193.9 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.8 7.5 8.1 8.1
HA=205.7 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.7 7.4 8.0 8.0
HA=208.0 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.7 7.4 8.0 8.0
HA=219.8 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.5 7.0 7.9 7.9
HA= 40.7 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 6.5 6.4 6.2 6.2
HA= 54.5 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 6.8 6.5 6.5 6.5
HA= 68.6 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 7.0 6.5 6.6 6.7
HA= 70.2 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 6.5 6.3 6.2 6.2
HA= 82.3 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 7.8 6.8 7.3 7.4
HA= 84.0 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.7 7.0 7.0
HA= 96.5 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.7 7.4 8.0 8.0
HA=100.4 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.2 7.0 7.7 7.7
HA=110.2 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.6 8.5 8.5
HA=114.5 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.5 8.5
HA=124.3 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.6 8.5 8.5
HA=130.9 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.6 8.5 8.5
HA=138.1 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.5 8.6
HA=145.0 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.4 7.7 8.6 8.6
HA=152.2 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.7 8.5 8.5
HA=161.4 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.7 8.5 8.6
HA=166.0 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.3 7.6 8.5 8.5
HA=175.5 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.2 7.6 8.4 8.4
HA=180.1 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.1 7.6 8.3 8.3
HA=191.9 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 9.0 7.5 8.3 8.3
HA=193.9 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.9 7.5 8.2 8.2
HA=205.7 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.7 7.4 8.0 8.0
HA=208.0 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.6 7.3 8.0 8.0
HA=219.8 HI= 82.0 GGW= 68.6 SL= 0.0 MAX(A,B,C,D)= 8.6 7.3 7.9 7.9
HA= 40.7 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.2 7.2
HA= 54.5 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.2 7.0 7.6 7.6
HA= 68.6 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.1 7.0 7.5 7.6
HA= 70.2 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 7.8 6.6 7.4 7.4
HA= 82.3 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.6 7.2 8.0 8.0
HA= 84.0 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.2 8.1 8.1
HA= 96.5 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.8 7.2 8.2 8.2
HA=100.4 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.2 8.1 8.2
HA=110.2 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.2 8.1 8.2
HA=114.5 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.7 7.2 8.0 8.1

HA=124.3	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.7	7.2	8.1	8.1
HA=130.9	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.7	7.2	8.1	8.1
HA=138.1	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.8	7.3	8.1	8.1
HA=145.0	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.7	7.3	8.1	8.1
HA=152.2	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.7	7.2	8.1	8.1
HA=161.4	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.6	7.2	8.0	8.0
HA=166.0	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.5	7.1	7.9	7.9
HA=175.5	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.4	7.1	7.8	7.8
HA=180.1	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.3	7.0	7.7	7.7
HA=191.9	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.1	7.0	7.5	7.6
HA=193.9	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.0	6.9	7.5	7.5
HA=205.7	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 7.9	6.9	7.4	7.5
HA=208.0	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 7.8	6.8	7.4	7.4
HA=219.8	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 7.7	6.6	7.3	7.3
HA= 40.7	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 7.4	6.5	6.9	6.9
HA= 54.5	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 7.9	6.7	7.5	7.5
HA= 68.6	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 7.9	6.6	7.4	7.5
HA= 70.2	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 7.7	6.5	7.3	7.3
HA= 82.3	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.6	7.2	8.0	8.0
HA= 84.0	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.6	7.1	7.9	8.0
HA= 96.5	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.7	7.2	8.1	8.1
HA=100.4	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.7	7.2	8.1	8.2
HA=110.2	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.7	7.2	8.0	8.1
HA=114.5	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.7	7.2	8.0	8.1
HA=124.3	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.7	7.2	8.0	8.0
HA=130.9	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.7	7.2	8.0	8.1
HA=138.1	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.7	7.2	8.0	8.1
HA=145.0	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.7	7.2	8.0	8.1
HA=152.2	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.7	7.2	8.0	8.1
HA=161.4	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.6	7.1	7.9	7.9
HA=166.0	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.5	7.1	7.9	7.9
HA=175.5	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.4	7.1	7.8	7.8
HA=180.1	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.3	7.0	7.7	7.7
HA=191.9	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.2	6.9	7.6	7.6
HA=193.9	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.0	6.9	7.5	7.5
HA=205.7	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 7.9	6.9	7.4	7.4
HA=208.0	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 7.8	6.8	7.3	7.4
HA=208.0	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA= 40.7	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 6.7	6.3	6.5	6.5
HA= 54.5	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 7.1	6.4	6.7	6.7
HA= 68.6	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 7.2	6.4	6.8	6.9
HA= 70.2	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 6.7	6.2	6.4	6.4
HA= 82.3	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.0	6.9	7.5	7.5
HA= 84.0	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 7.6	6.5	7.2	7.2
HA= 96.5	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.6	7.2	7.9	7.9
HA=100.4	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.4	7.1	7.8	7.8
HA=110.2	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.6	7.2	8.0	8.0
HA=114.5	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.7	7.2	8.0	8.0
HA=124.3	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.7	7.2	8.1	8.1
HA=130.9	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.7	7.2	8.1	8.1
HA=138.1	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.7	7.2	8.0	8.0
HA=145.0	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.7	7.2	8.0	8.0
HA=152.2	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.7	7.2	8.0	8.1
HA=161.4	HI= 82.0	GGW= 55.8	SL= 0.0	MAX(A,B,C,D)= 8.6	7.2	8.0	8.0

HA=166.0 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.1 7.9 7.9
HA=175.5 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.5 7.1 7.8 7.9
HA=180.1 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.3 7.0 7.7 7.7
HA=191.9 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.6
HA=193.9 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 8.0 6.9 7.5 7.5
HA=193.9 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=193.9 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=193.9 HI= 82.0 GGW= 55.8 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA= 40.7 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.3 7.3
HA= 54.5 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.6
HA= 68.6 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.7
HA= 70.2 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.8 7.4 7.4
HA= 82.3 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.8 7.9
HA= 84.0 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 6.9 7.9 7.9
HA= 96.5 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.8 7.9
HA=100.4 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 6.9 7.9 7.9
HA=110.2 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.8 7.8
HA=114.5 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.8 7.8
HA=124.3 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.8 7.9
HA=130.9 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.8 7.8
HA=138.1 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.8 7.9
HA=145.0 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.7 7.8
HA=152.2 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.7 7.7
HA=161.4 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.1 6.9 7.6 7.6
HA=166.0 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.8 7.5 7.5
HA=175.5 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.8 7.4 7.4
HA=180.1 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.3 7.4
HA=191.9 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.2 7.2
HA=193.9 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.2
HA=205.7 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.5 6.6 7.0 7.1
HA=205.7 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=205.7 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA= 40.7 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.0 7.1
HA= 54.5 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.9 7.5 7.5
HA= 68.6 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.8 7.5 7.5
HA= 70.2 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.3 7.3
HA= 82.3 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.7 7.7
HA= 84.0 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 6.9 7.8 7.8
HA= 96.5 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 7.0 7.8 7.8
HA=100.4 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 6.9 7.8 7.9
HA=110.2 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 6.9 7.8 7.9
HA=114.5 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 6.9 7.8 7.8
HA=124.3 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 6.9 7.8 7.8
HA=130.9 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 7.0 7.7 7.8
HA=138.1 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 6.9 7.8 7.8
HA=145.0 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 7.0 7.7 7.8
HA=152.2 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.6
HA=161.4 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.6
HA=166.0 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.0 6.8 7.5 7.5
HA=175.5 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.8 7.4 7.4
HA=180.1 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.3 7.4
HA=191.9 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.3 7.3
HA=193.9 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.6 7.1 7.1
HA=193.9 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=193.9 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=193.9 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA= 40.7 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 6.9 6.2 6.6 6.6
HA= 54.5 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.8 6.9
HA= 68.6 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 7.0 7.0
HA= 70.2 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 6.8 6.1 6.6 6.6
HA= 82.3 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.1 6.9 7.6 7.6
HA= 84.0 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.2 7.2
HA= 96.5 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 6.9 7.7 7.8
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HA=110.2 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.7 7.7
HA=114.5 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.8 7.8
HA=124.3 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 6.9 7.8 7.8
HA=130.9 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.4 6.9 7.8 7.8
HA=138.1 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.7 7.7
HA=145.0 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.7 7.8
HA=152.2 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.3 6.9 7.7 7.7
HA=161.4 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.2 6.9 7.6 7.6
HA=166.0 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 8.1 6.8 7.5 7.5
HA=175.5 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.8 7.4 7.4
HA=180.1 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.3 7.4
HA=191.9 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.7 7.2 7.3
HA=191.9 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=191.9 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=191.9 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=191.9 HI= 82.0 GGW= 48.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA= 40.7 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.3 7.3
HA= 54.5 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.6 7.3 7.3
HA= 68.6 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.6 7.4 7.4
HA= 70.2 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.6 7.4 7.4
HA= 82.3 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.6 7.4 7.5
HA= 84.0 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.6 7.6 7.6
HA= 96.5 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.6 7.5 7.5
HA=100.4 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.6 7.5 7.5
HA=110.2 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.7 7.4 7.5
HA=114.5 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.7 7.5 7.5
HA=124.3 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.7 7.5 7.5
HA=130.9 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.7 7.4 7.5
HA=138.1 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.7 7.4 7.4
HA=145.0 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.6 7.3 7.3
HA=152.2 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.2 7.2
HA=161.4 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.1 7.1
HA=166.0 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.0 7.0
HA=175.5 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 6.9 7.0
HA=180.1 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 6.9 6.9
HA=191.9 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.8 6.8
HA=193.9 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.0 6.3 6.7 6.7
HA=193.9 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=193.9 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=193.9 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA= 40.7 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.1 7.1
HA= 54.5 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.3 7.3
HA= 68.6 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.8 6.6 7.4 7.4
HA= 70.2 HI= 82.0 GGW= 39.7 SL= 0.0 MAX(A,B,C,D)= 7.9 6.6 7.5 7.5

HA= 82.3	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.9	6.6	7.4	7.5
HA= 84.0	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.9	6.6	7.5	7.5
HA= 96.5	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.9	6.6	7.5	7.5
HA=100.4	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.9	6.6	7.5	7.5
HA=110.2	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.9	6.6	7.5	7.5
HA=114.5	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.9	6.6	7.5	7.5
HA=124.3	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.9	6.6	7.4	7.4
HA=130.9	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.9	6.6	7.5	7.5
HA=138.1	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.8	6.6	7.3	7.4
HA=145.0	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.7	6.6	7.3	7.3
HA=152.2	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.7	6.5	7.2	7.3
HA=161.4	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.6	6.5	7.1	7.1
HA=166.0	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.5	6.5	7.0	7.0
HA=175.5	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.4	6.4	6.9	7.0
HA=180.1	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.2	6.3	6.8	6.9
HA=180.1	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=180.1	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=180.1	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=180.1	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA= 40.7	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.0	6.1	6.7	6.7
HA= 54.5	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.4	6.9	6.9
HA= 68.6	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.5	6.5	7.0	7.0
HA= 70.2	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 6.9	6.0	6.7	6.7
HA= 82.3	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.7	6.6	7.3	7.3
HA= 84.0	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.8	6.6	7.4	7.4
HA= 96.5	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.9	6.6	7.5	7.5
HA=100.4	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.9	6.6	7.4	7.5
HA=110.2	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.9	6.6	7.4	7.4
HA=114.5	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.9	6.6	7.4	7.4
HA=124.3	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.9	6.6	7.4	7.4
HA=130.9	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.8	6.6	7.4	7.4
HA=138.1	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.9	6.6	7.5	7.5
HA=145.0	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.8	6.6	7.3	7.4
HA=152.2	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.7	6.6	7.2	7.3
HA=161.4	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.6	6.5	7.1	7.2
HA=166.0	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.5	6.5	7.0	7.1
HA=175.5	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.4	6.4	7.0	7.0
HA=180.1	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.4	6.9	6.9
HA=180.1	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=180.1	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=180.1	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=180.1	HI= 82.0	GGW= 39.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA= 40.7	HI= 82.0	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.5	6.5	7.1	7.1
HA= 54.5	HI= 82.0	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.6	6.5	7.2	7.2
HA= 68.6	HI= 82.0	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.7	6.5	7.3	7.3
HA= 70.2	HI= 82.0	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.7	6.5	7.3	7.4
HA= 82.3	HI= 82.0	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.7	6.5	7.4	7.4
HA= 84.0	HI= 82.0	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.7	6.5	7.4	7.4
HA= 96.5	HI= 82.0	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.8	6.5	7.3	7.4
HA=100.4	HI= 82.0	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.7	6.5	7.4	7.4
HA=110.2	HI= 82.0	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.8	6.6	7.4	7.4
HA=114.5	HI= 82.0	GGW= 35.9	SL= 0.0	MAX(A,B,C,D)= 7.7	6.5	7.3	7.4

HA=124.3 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.6 7.3 7.4
HA=130.9 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.3 7.3
HA=138.1 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.1 7.2
HA=145.0 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.1 7.1
HA=152.2 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.0 7.1
HA=161.4 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 6.9 6.9
HA=166.0 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.8 6.8
HA=175.5 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.8 6.8
HA=180.1 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.7 6.7
HA=191.9 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.6 6.6
HA=193.9 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 6.8 6.1 6.5 6.5
HA=193.9 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=193.9 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=193.9 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA= 40.7 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.1 7.1
HA= 54.5 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.1 7.2
HA= 68.6 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.2 7.2
HA= 70.2 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.2 7.3
HA= 82.3 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.3 7.4
HA= 84.0 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.3 7.4
HA= 96.5 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.3 7.4
HA=100.4 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.3 7.4
HA=110.2 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.3 7.4
HA=114.5 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.3 7.4
HA=124.3 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.4 7.4
HA=130.9 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.3 7.3
HA=138.1 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.1 7.1
HA=145.0 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.1 7.1
HA=152.2 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.0 7.0
HA=161.4 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 6.9 6.9
HA=166.0 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 6.9 6.9
HA=175.5 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.8 6.8
HA=180.1 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.0 6.2 6.7 6.7
HA=180.1 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=180.1 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=180.1 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=180.1 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA= 40.7 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.0 6.3 6.7 6.7
HA= 54.5 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.0 7.0
HA= 68.6 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.1 7.1
HA= 70.2 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.0 6.2 6.7 6.7
HA= 82.3 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.1 7.2
HA= 84.0 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.1 7.1
HA= 96.5 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.2 7.2
HA=100.4 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.2 7.2
HA=110.2 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.3 7.4
HA=114.5 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.3 7.3
HA=124.3 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.3 7.3
HA=130.9 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.7 6.5 7.3 7.3
HA=138.1 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.2 7.2
HA=145.0 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.5 7.1 7.1
HA=152.2 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.0 7.1
HA=161.4 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 7.0 7.0

HA=166.0 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.8 6.8
HA=175.5 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 7.1 6.3 6.8 6.8
HA=175.5 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=175.5 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=175.5 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=175.5 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=175.5 HI= 82.0 GGW= 35.9 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA= 40.7 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.4 7.0 7.0
HA= 54.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.1 7.1
HA= 68.6 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.3 7.3
HA= 70.2 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.2 7.2
HA= 82.3 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.3 7.3
HA= 84.0 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.3 7.3
HA= 96.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.3 7.3
HA=100.4 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.2 7.3
HA=110.2 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.5 7.2 7.3
HA=114.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.2 7.2
HA=124.3 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.3 7.3
HA=130.9 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.2 7.2
HA=138.1 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 7.0 7.0
HA=145.0 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 7.0 7.0
HA=152.2 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.8 6.9
HA=161.4 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.2 6.2 6.8 6.8
HA=166.0 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.7 6.7
HA=175.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 6.9 6.1 6.6 6.6
HA=180.1 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 6.8 6.1 6.5 6.5
HA=191.9 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 6.8 6.0 6.5 6.5
HA=191.9 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=191.9 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=191.9 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=191.9 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA= 40.7 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 6.9 6.9
HA= 54.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.3 7.0 7.1
HA= 68.6 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.1 7.1
HA= 70.2 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.3 7.4
HA= 82.3 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.2 7.2
HA= 84.0 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.3 7.3
HA= 96.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.2 7.2
HA=100.4 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.1 7.2
HA=110.2 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.3 7.3
HA=114.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.2 7.2
HA=124.3 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.1 7.2
HA=130.9 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.2 7.2
HA=138.1 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 7.0 7.0
HA=145.0 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 7.0 7.0
HA=152.2 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.2 6.3 6.9 6.9
HA=161.4 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.8 6.8
HA=166.0 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.0 6.1 6.7 6.7
HA=175.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.0 6.1 6.6 6.6
HA=175.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=175.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=175.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=175.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0

HA=175.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=175.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA= 40.7 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.7 6.8
HA= 54.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 6.9 6.9
HA= 68.6 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 7.0 7.0
HA= 70.2 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.7 6.7
HA= 82.3 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.3 7.1 7.1
HA= 84.0 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.3 7.1 7.1
HA= 96.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.3 7.3 7.3
HA=100.4 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.3 7.3 7.3
HA=110.2 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.3 7.2 7.2
HA=114.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.4 7.2 7.2
HA=124.3 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.6 6.4 7.1 7.2
HA=130.9 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.5 6.3 7.1 7.2
HA=138.1 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 7.0 7.0
HA=145.0 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 7.0 7.0
HA=152.2 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.3 6.3 6.9 6.9
HA=161.4 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.2 6.2 6.8 6.9
HA=166.0 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.0 6.1 6.7 6.7
HA=175.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 7.0 6.1 6.7 6.7
HA=175.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=175.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=175.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=175.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=175.5 HI= 82.0 GGW= 32.6 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA= 40.7 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.2 6.9 6.9
HA= 54.5 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 7.0 7.1
HA= 68.6 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.2 7.1 7.2
HA= 70.2 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.2 7.2 7.2
HA= 82.3 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.2 7.1 7.1
HA= 84.0 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.2 7.1 7.1
HA= 96.5 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 7.1 7.2
HA=100.4 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 7.1 7.1
HA=110.2 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 7.1 7.1
HA=114.5 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 7.1 7.2
HA=124.3 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.3 7.1 7.1
HA=130.9 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.3 6.2 7.0 7.0
HA=138.1 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.2 6.8 6.8
HA=145.0 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.1 6.1 6.7 6.8
HA=152.2 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.0 6.1 6.6 6.7
HA=161.4 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.9 6.0 6.6 6.6
HA=166.0 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.8 6.0 6.5 6.5
HA=175.5 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.7 5.9 6.4 6.4
HA=180.1 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 6.6 5.9 6.3 6.3
HA=180.1 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=180.1 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=180.1 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=180.1 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA=180.1 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 0.0 0.0 0.0 0.0
HA= 40.7 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.2 6.2 6.9 6.9
HA= 54.5 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.2 6.9 7.0
HA= 68.6 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.2 7.1 7.1
HA= 70.2 HI= 82.0 GGW= 28.7 SL= 0.0 MAX(A,B,C,D)= 7.4 6.2 7.1 7.1

HA= 82.3	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.4	6.2	7.1	7.1
HA= 84.0	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.4	6.2	7.1	7.1
HA= 96.5	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.2	7.1	7.1
HA=100.4	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.4	6.2	7.1	7.1
HA=110.2	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.4	6.2	7.0	7.1
HA=114.5	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.4	6.2	7.0	7.1
HA=124.3	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.4	6.2	7.1	7.1
HA=130.9	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.2	7.0	7.0
HA=138.1	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.2	6.1	6.8	6.8
HA=145.0	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.1	6.1	6.8	6.8
HA=152.2	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 6.9	6.1	6.6	6.6
HA=161.4	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 6.9	6.1	6.6	6.6
HA=166.0	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 6.8	6.0	6.5	6.5
HA=175.5	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 6.7	5.9	6.4	6.5
HA=175.5	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=175.5	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=175.5	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=175.5	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=175.5	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA= 40.7	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.1	6.2	6.7	6.8
HA= 54.5	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.2	6.2	6.8	6.8
HA= 68.6	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.2	6.2	6.9	6.9
HA= 70.2	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.1	6.1	6.8	6.8
HA= 82.3	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.2	6.9	7.0
HA= 84.0	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.2	6.9	6.9
HA= 96.5	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.2	7.0	7.0
HA=100.4	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.2	7.0	7.0
HA=110.2	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.2	7.0	7.0
HA=114.5	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.4	6.2	7.0	7.0
HA=124.3	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.4	6.2	7.1	7.1
HA=130.9	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.3	6.2	6.9	7.0
HA=138.1	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.2	6.2	6.8	6.8
HA=145.0	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.1	6.1	6.8	6.8
HA=152.2	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 7.0	6.1	6.7	6.7
HA=161.4	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 6.9	6.1	6.6	6.6
HA=166.0	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 6.8	6.0	6.5	6.6
HA=166.0	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=166.0	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=166.0	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=166.0	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=166.0	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=166.0	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0
HA=166.0	HI= 82.0	GGW= 28.7	SL= 0.0	MAX(A,B,C,D)= 0.0	0.0	0.0	0.0

MAX(A,B,C,D)= 9.8 8.0 9.0 9.0