UPPER BOOM POINT

DISTANCE FROM ℄ ROTATION (IN METERS)

3.0m 6.1m 9.1m 12.2m 15.2m 18.3m 21.3m 24.4m 27.4m 30.5m 33.5m 36.6m 39.6m 42.7m 45.7m 48.8m 51.8m 54.9m 57.9m

310′ 300′ 290′ 280′ 270′ 260′ 250′ 240′ 230′ 220′ 210′ 200′ 190′ 180′ 170′ 160′ 150′ 140′ 130′ 120′ 110′ 100′ 90′ 80′ 70′ 60′ 50′ 40′ 30′

94.5m 91.4m 88.4m 85.3m 82.3m 79.2m 76.2m 73.2m 70.1m 67.1m 64.0m 61.0m 57.9m 54.9m 51.8m 48.8m 45.7m 42.7m 39.6m 36.6m 33.5m 30.5m 27.4m 24.4m 21.3m 18.3m 15.2m 12.2m 9.1m 6.1m 3.0m

HEIGHT ABOVE GROUND (IN FEET)

HEIGHT ABOVE GROUND (IN METERS)

80 DEG. 70 DEG. 60 DEG. 50 DEG. 40 DEG. 30 DEG.

5 DEG. 15 DEG. 25 DEG.

80′ 70′ 60′ 50′ 40′ 30′

NO.74 BOOM
81.7 DEG.
BOOM ANGLE

NO.134 JIB
5 DEG. OFFSET
JIB ANGLE

275′-7″ (84m)
265′-8″ (81m)
255′-11″ (78m)
246′-1″ (75m)
236′-2″ (72m)
226′-5″ (69m)
216′-6″ (66m)
206′-8″ (63m)
196′-11″ (60m)
187′-0″ (57m)
177′-2″ (54m)
167′-4″ (51m)
157′-6″ (48m)
147′-7″ (45m)
137′-10″ (42m)
128′-0″ (39m)
118′-1″ (36m)
108′-4″ (33m)
98′-5″ (30m)
88′-7″ (27m)
78′-8″ (24m)
68′-11″ (21m)
59′-1″ (18m)
49′-2″ (15m)

REFERENCE ONLY!

10′ 20′ 30′ 40′ 50′ 60′ 70′ 80′ 90′ 100′ 110′ 120′ 130′ 140′ 150′ 160′ 170′ 180′ 190′

DISTANCE FROM ℄ ROTATION (IN FEET)

19′-7″ 6.0m COUNTERWEIGHT TAIL SWING

4′-8″ 1.4m

6′-11″ 2.1m

℄ ROTATION

DATE 01-23-13	SCALE 3/32″=1′ DR. KJK	MANITOWOC CRANES MANITOWOC WISCONSIN		REVISION
DRAWING NO. 81023478	CK. JEB APP JEB	MODEL MLC165	DIAGRAM RANGE #74 BOOM & #134 JIB	

SHT. 1 OF 1