

**MAIN HOIST**  
**RAM125 TON 100 FT BOOM**  
**MAXIMUM SAFE WORKING LOAD**  
**" BEVERLY EYMARD "**  
Serial No. 125-080-3181

<b>BOOM RADIUS (ft)</b>	<b>BOOM ANGLE (degrees)</b>	<b>ONBOARD RATING (X 1000 lbs )</b>	<b>OFFBOARD RATING (X 1000 lbs )</b>
25	80	250.000	166.667
30	77	250.000	166.667
35	74	212.360	141.573
40	71	184.360	122.907
45	68	161.360	107.573
50	65	143.360	95.573
55	62	127.360	84.907
60	58	114.360	76.240
65	55	102.360	68.240
70	51	93.360	62.240
75	48	85.360	56.907
80	43	76.360	50.907
85	39	68.360	45.573
90	34	62.360	41.573
95	28	58.360	38.907
100	21	52.360	34.907
105	10	47.360	31.573
106	0	41.360	27.573

**AUXILIARY HOIST**

- MAXIMUM SAFE WORKING LOAD 12,000 LBS AT ALL RADII.
- PERSONEL RATING ALL RADII. 3,500 LBS
- PERSONEL HANDLING MAX. WAVE HIGHTH 6 FT

**BASIS OF RATING:**

- LOAD CHART BASED ON DEFAULT DYNAMIC METHOD
- MAIN HOIST PERSONEL RATING ALL RADII. 3,500 LBS
- MAIN HOIST OFFBOARD MAX. WAVE HIGHTH 3.5 FT
- ONBOARD RATING ARE FOR LIFTING AND LANDING LOADS ON THE PLATFORM.
- OFFBORD RATING ARE FOR LIFTING AND LANDING LOADS ON A FLOATING VESSEL.
- RATING DOES NOT INCLUDE WEIGHT OF SLINGS, RIGGING AND OVERHAUL BALL.
- LOAD CHART RADIUS FROM CENTER OF ROTATION TO CENTER OF GRAVITY OF LOAD

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RAM125 TON 100 FT BOOM  
MAXIMUM SAFE WORKING LOAD**

**" BEVERLY EYMARD "**

Serial No. 125-080-3181

**RIGGING:**

- MAIN HOIST: EIGHT PART REEVING OF 1-1/8" X 1,500 FT. WIRE ROPE  
ROTATION RESISTANT RIGHT REGULAR LAY  
WITH A MINIMUM BREAKING STRENGTH OF 156,250 LBS
- AUXILIARY HOIST: ONE PART REEVING OF 3/4" X 320 FT. WIRE ROPE  
ROTATION RESISTANT RIGHT REGULAR LAY  
WITH A MINIMUM BREAKING STRENGTH OF 60,000 LBS
- BOOM HOIST: ELEVEN PART REEVING OF 1" X 995 FT. WIRE ROPE  
6X19 EEIP IWRC (OR EQUAL) RIGHT REGULAR LAY  
WITH A MINIMUM BREAKING STRENGTH OF 115,000 LBS
- PENDANTS: 2EA. 2" X 588 IN. WIRE ROPE  
6X19 EEIP IWRC RIGHT REGULAR LAY  
WITH A MINIMUM BREAKING STRENGTH OF 400,000 LBS EA.  
OPEN & CLOSED SWAGE SOCKET EA. END SAME PLANE  
CERTIFIED & TAGGED

**BASIS OF RATING:**

- MAIN HOOK MAXIMUM TRAVEL 160 FT.
- MAIN HOOK MAXIMUM RADII 106.187 FT.
- MAIN HOOK MAXIMUM SPEED @ SUPPLY VESSEL 31 FPM
- AUX HOOK MAXIMUM TRAVEL 200 FT.
- AUX HOOK MAXIMUM RADII 109.66 FT.
- AUX HOOK MAXIMUM SPEED @ SUPPLY VESSEL 180 FPM
- ALL SPEEDS BASED ON ENGINE AT FULL THROTAL

**MAIN HOIST  
RAM 40 TON 80 FT BOOM  
MAXIMUM SAFE WORKING LOAD**

**" BEVERLY EMARD "**

Serial No. 040-010-3182

<b>BOOM RADIUS (ft)</b>	<b>BOOM ANGLE (degrees)</b>	<b>STATIC RATING ( X 1000 lbs )</b>	<b>DYNAMIC RATING ( X 1000 lbs )</b>
10	83	80.000	53.333
15	79	80.000	53.333
20	75	76.519	51.013
25	72	59.429	39.619
30	68	47.960	31.973
35	64	39.770	26.513
40	60	33.624	22.416
45	55	28.854	19.236
50	51	25.029	16.686
55	46	21.898	14.599
60	41	19.295	12.863
65	35	17.090	11.393
70	28	15.193	10.129
75	18	13.552	9.035
78.5	0	12.524	8.349

**AUXILIARY HOIST**

- MAXIMUM SAFE WORKING LOAD 7,000 LBS AT ALL RADII.
- PERSONEL RATING ALL RADII. 3,000 LBS
- PERSONEL HANDLING MAX. WAVE HIGHTH 6 FT

**BASIS OF RATING:**

- LOAD CHART BASED ON DEFAULT DYNAMIC METHOD
- MAIN HOIST PERSONEL RATING ALL RADII. 3,000 LBS
- MAIN HOIST OFFBOARD MAX. WAVE HIGHTH 6 FT
- ONBOARD RATING ARE FOR LIFTING AND LANDING LOADS ON THE PLATFORM.
- OFFBORD RATING ARE FOR LIFTING AND LANDING LOADS ON A FLOATING VESSEL.
- RATING DOES NOT INCLUDE WEIGHT OF SLINGS AND RIGGING.
- LOAD CHART RADIUS FROM BOOM HEEL PIN TO CENTER OF GRAVITY OF LOAD

**MAIN HOIST  
RAM 40 TON 80 FT BOOM  
MAXIMUM SAFE WORKING LOAD  
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Serial No. 040-010-3182**

**RIGGING:**

- MAIN HOIST: FOUR PART REEVING OF 1" X 680 FT.  
ROTATION RESISTANT RIGHT REGULAR LAY  
WITH A MINIMUM BREAKING STRENGTH OF 100,000 LBS
- AUXILIARY HOIST: ONE PART REEVING OF 9/16" X 250 FT.  
ROTATION RESISTANT RIGHT REGULAR LAY  
WITH A MINIMUM BREAKING STRENGTH OF 35,000 LBS

**BASIS OF RATING:**

- MAIN HOOK MAXIMUM TRAVEL 141 FT.
- MAIN HOOK MAXIMUM RADII 80 FT.
- MAIN HOOK MAXIMUM SPEED @ SUPPLY VESSEL 35 FPM
- AUX HOOK MAXIMUM TRAVEL 150 FT.
- AUX HOOK MAXIMUM RADII 82.5 FT.
- AUX HOOK MAXIMUM SPEED @ SUPPLY VESSEL 97 FPM
- ALL SPEEDS BASED ON ENGINE AT FULL THROTAL