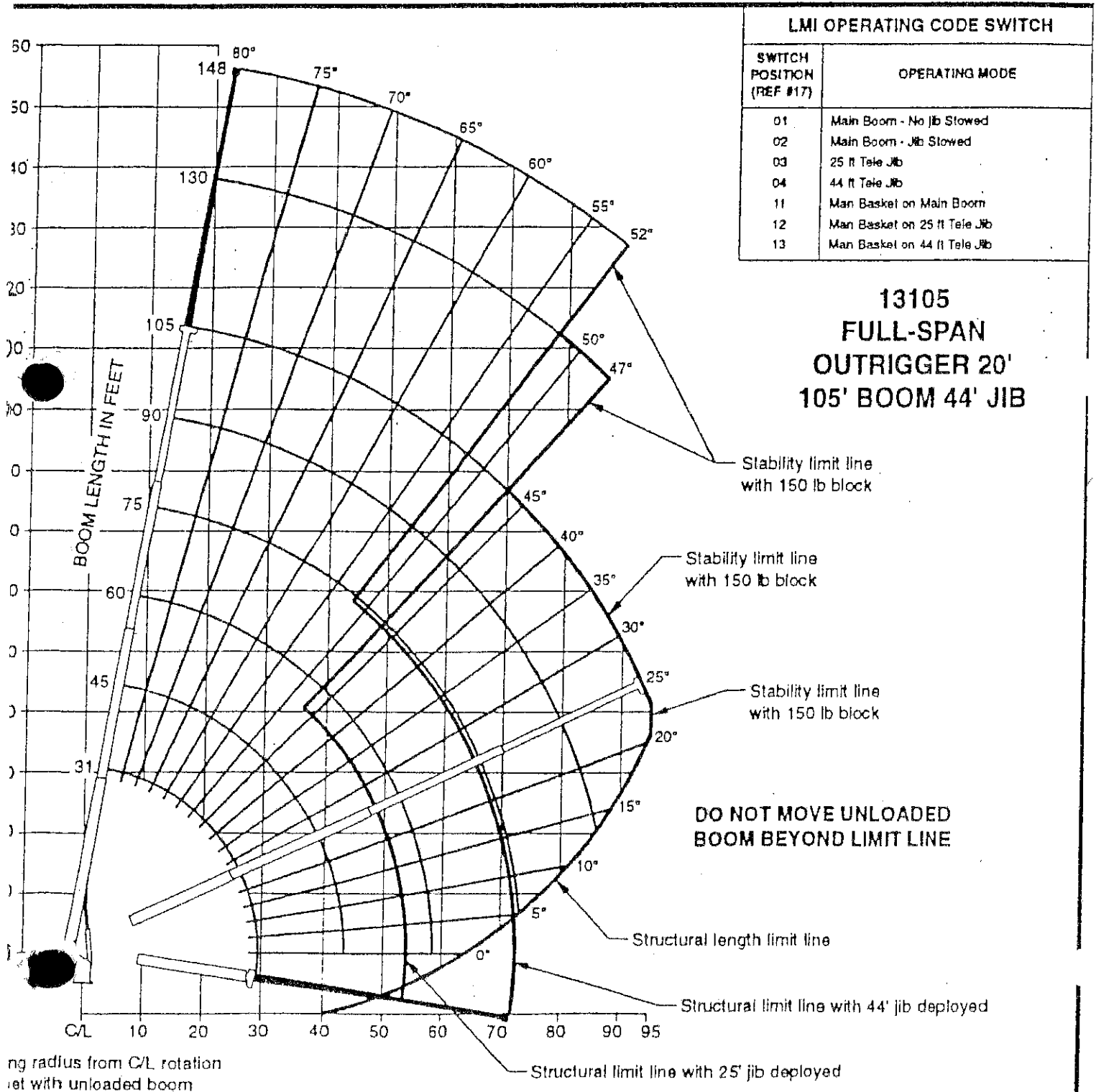


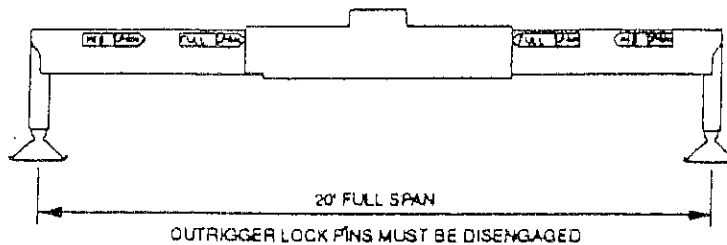
# CAPACITY CHART

#12

877346



13105  
105' BOOM  
44' JIB



FULL-SPAN  
OUTRIGGER

### 31 TO 105 FOOT BOOM RATED LOADS WITHOUT JIB

| LOAD RADIUS (ft) | LOADED BOOM ANGLE | 31 ft BOOM (lb) | LOADED BOOM ANGLE | 45 ft BOOM (lb) | LOADED BOOM ANGLE | 60 ft BOOM (lb) | LOADED BOOM ANGLE | 75 ft BOOM (lb) | LOADED BOOM ANGLE | 90 ft BOOM (lb) | LOADED BOOM ANGLE | 105 ft BOOM (lb) |
|------------------|-------------------|-----------------|-------------------|-----------------|-------------------|-----------------|-------------------|-----------------|-------------------|-----------------|-------------------|------------------|
| 5                | 79.4              | 60,000          |                   |                 |                   |                 |                   |                 |                   |                 |                   |                  |
| 8                | 73.1              | 38,400          | 79.3              | 30,000          |                   |                 |                   |                 |                   |                 |                   |                  |
| 10               | 68.9              | 31,800          | 76.8              | 29,100          |                   |                 |                   |                 |                   |                 |                   |                  |
| 12               | 64.6              | 27,300          | 74                | 24,800          | 78.8              | 22,300          |                   |                 |                   |                 |                   |                  |
| 14               | 60.2              | 23,700          | 71.2              | 21,700          | 76.8              | 19,500          | 80                | 15,400          |                   |                 |                   |                  |
| 16               | 55.6              | 21,000          | 68.4              | 19,200          | 74.8              | 17,300          | 78.5              | 15,000          |                   |                 |                   |                  |
| 20               | 45.5              | 16,700          | 62.6              | 15,600          | 70.7              | 14,100          | 75.4              | 12,600          | 78.4              | 10,800          | 80.2              | 7,700            |
| 25               | 29.1              | 12,200          | 54.8              | 12,500          | 65.4              | 11,300          | 71.3              | 10,200          | 75.1              | 9,000           | 77.8              | 7,300            |
| 30               |                   |                 | 46.3              | 10,200          | 59.8              | 9,400           | 67.1              | 8,500           | 71.8              | 7,800           | 75                | 6,500            |
| 35               |                   |                 | 36.1              | 8,200           | 53.9              | 7,950           | 63.1              | 7,050           | 68.6              | 6,500           | 72.2              | 5,700            |
| 40               |                   |                 | 23.5              | 6,100           | 48                | 6,600           | 58.6              | 6,100           | 65                | 5,550           | 69.3              | 5,000            |
| 45               |                   |                 |                   |                 | 40.8              | 5,550           | 53.8              | 5,250           | 61.3              | 4,800           | 66.2              | 4,300            |
| 50               |                   |                 |                   |                 | 32.2              | 4,550           | 48.7              | 4,550           | 57.5              | 4,200           | 63.1              | 3,800            |
| 55               |                   |                 |                   |                 | 20.6              | 3,300           | 43                | 3,900           | 53.5              | 3,700           | 60                | 3,400            |
| 60               |                   |                 |                   |                 |                   |                 | 36.7              | 3,250           | 49.2              | 3,200           | 56.6              | 2,950            |
| 65               |                   |                 |                   |                 |                   |                 | 29.1              | 2,650           | 44.6              | 2,750           | 53.2              | 2,650            |
| 70               |                   |                 |                   |                 |                   |                 | 18.7              | 1,800           | 39.4              | 2,200           | 49.5              | 2,300            |
| 75               |                   |                 |                   |                 |                   |                 |                   |                 | 33.6              | 1,800           | 45.5              | 1,850            |
| 80               |                   |                 |                   |                 |                   |                 |                   |                 | 26.8              | 1,400           | 41.2              | 1,450            |
| 85               |                   |                 |                   |                 |                   |                 |                   |                 | 17.2              | 800             | 36.5              | 1,150            |
| 90               |                   |                 |                   |                 |                   |                 |                   |                 |                   |                 | 31.2              | 850              |
| 95               |                   |                 |                   |                 |                   |                 |                   |                 |                   |                 | 24.8              | 600              |
|                  | 0                 | 6,200           | 0                 | 2,400           | 0                 | 900             |                   |                 |                   |                 |                   |                  |

### 25 TO 44 FOOT JIB RATED LOADS

| LOAD RADIUS (ft) | LOADED BOOM ANGLE | 25 ft JIB (lb) | LOADED BOOM ANGLE | 44 ft JIB (lb) |
|------------------|-------------------|----------------|-------------------|----------------|
| 30               | 78.3              | 4,200          |                   |                |
| 35               | 76.2              | 3,800          | 78.2              | 2,400          |
| 40               | 74                | 3,400          | 76.4              | 2,250          |
| 45               | 71.7              | 2,900          | 74.7              | 2,150          |
| 50               | 69.4              | 2,500          | 72.8              | 2,000          |
| 55               | 66.9              | 2,100          | 70.8              | 1,800          |
| 60               | 64.5              | 1,800          | 68.9              | 1,650          |
| 65               | 61.9              | 1,500          | 66.8              | 1,450          |
| 70               | 59.4              | 1,300          | 64.6              | 1,300          |
| 75               | 56.7              | 1,100          | 62.4              | 1,100          |
| 80               | 53.9              | 900            | 60                | 900            |
| 85               | 51                | 700            | 57.8              | 800            |
| 90               | 47.9              | 500            | 55.4              | 700            |
| 95               |                   |                | 52.9              | 500            |

### RATED LOAD REDUCTIONS WITH JIB

| BOOM LENGTH | 44' JIB STOWED     |
|-------------|--------------------|
| 31'         | Reduce load 850 lb |
| 45'         | Reduce load 600 lb |
| 60'         | Reduce load 450 lb |
| 75'         | Reduce load 350 lb |
| 90'         | Reduce load 300 lb |
| 105'        | Reduce load 250 lb |

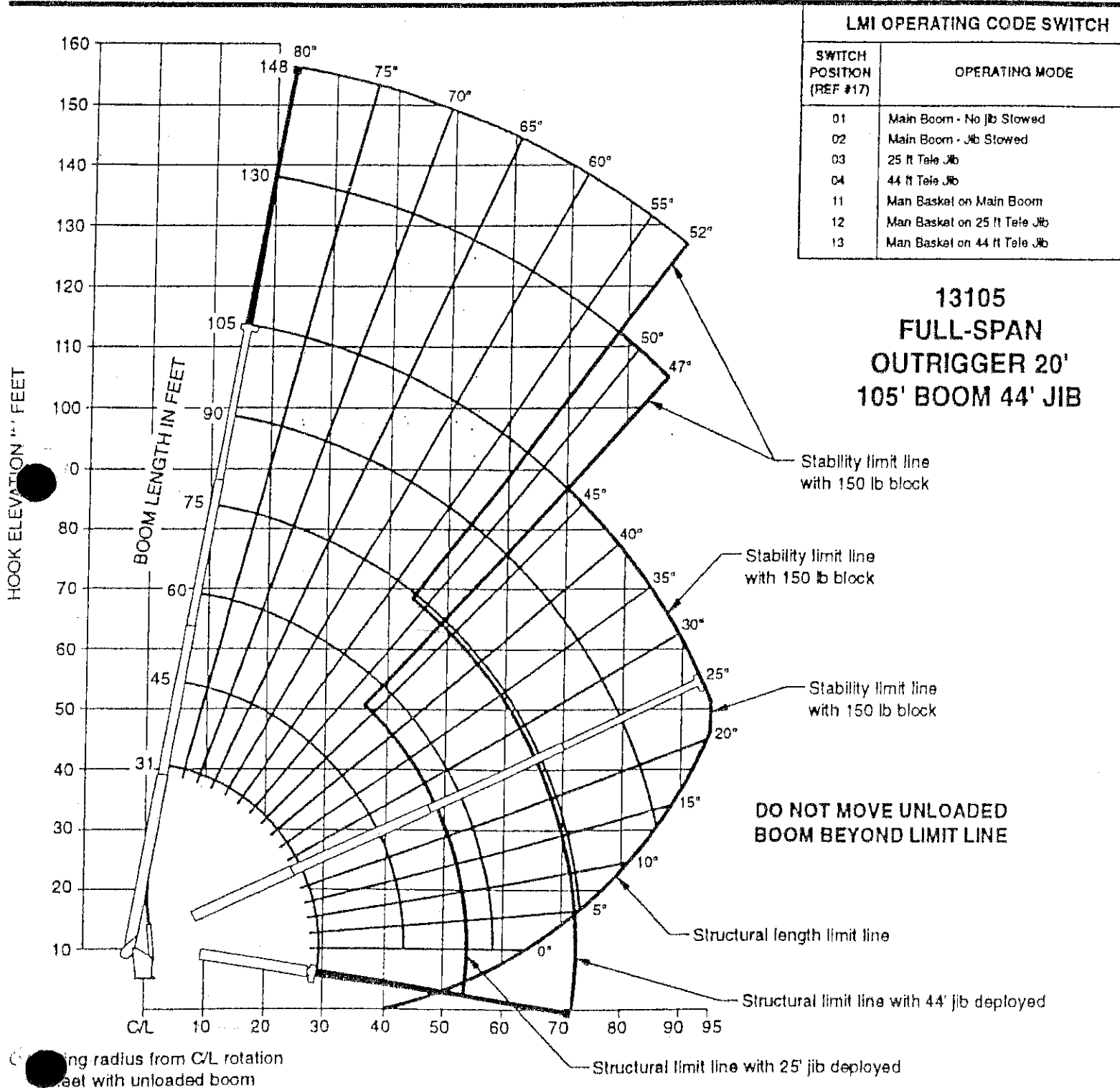
\* See owners manual. Also the 60,000 lb load requires optional 9/16" diameter 6x25 IWRC cable.

#### Note:

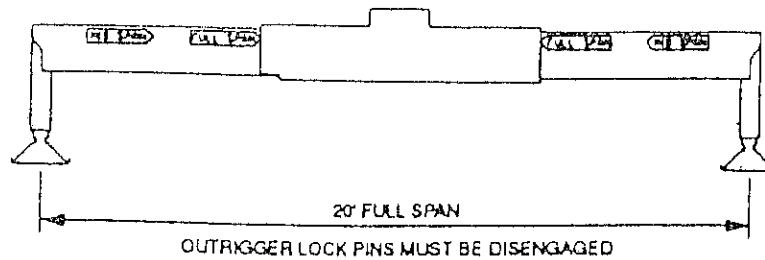
1. All capacities are in pounds, angles in degrees, radius in feet.
2. Loaded boom angles are given as reference only.
3. Shaded areas are structurally limited capacities.
4. Handling of personnel is only permitted with full extension of all outrigger beams.

# CAPACITY CHART

877346



**13105  
105' BOOM  
44' JIB**



**FULL-SPAN  
OUTRIGGER**

*#12*

**31 TO 105 FOOT BOOM RATED LOADS WITHOUT JIB**

| RADIUS (ft) | LOADED BOOM ANGLE | 31 ft BOOM (lb) | LOADED BOOM ANGLE | 45 ft BOOM (lb) | LOADED BOOM ANGLE | 60 ft BOOM (lb) | LOADED BOOM ANGLE | 75 ft BOOM (lb) | LOADED BOOM ANGLE | 90 ft BOOM (lb) | LOADED BOOM ANGLE |  |
|-------------|-------------------|-----------------|-------------------|-----------------|-------------------|-----------------|-------------------|-----------------|-------------------|-----------------|-------------------|--|
| 5           | 79.4              | 60,000          |                   |                 |                   |                 |                   |                 |                   |                 |                   |  |
| 8           | 73.1              | 38,400          | 79.3              | 30,000          |                   |                 |                   |                 |                   |                 |                   |  |
| 10          | 68.9              | 31,800          | 76.8              | 29,100          |                   |                 |                   |                 |                   |                 |                   |  |
| 12          | 64.6              | 27,300          | 74                | 24,800          | 78.8              | 22,300          |                   |                 |                   |                 |                   |  |
| 14          | 60.2              | 23,700          | 71.2              | 21,700          | 76.8              | 19,500          | 80                | 15,400          |                   |                 |                   |  |
| 16          | 55.6              | 21,000          | 68.4              | 19,200          | 74.8              | 17,300          | 78.5              | 15,000          |                   |                 |                   |  |
| 20          | 45.5              | 16,700          | 62.6              | 15,600          | 70.7              | 14,100          | 75.4              | 12,600          | 78.4              | 10,800          | 80.2              |  |
| 25          | 29.1              | 12,200          | 54.8              | 12,500          | 65.4              | 11,300          | 71.3              | 10,200          | 75.1              | 9,000           | 77.8              |  |
| 30          |                   |                 | 46.3              | 10,200          | 59.8              | 9,400           | 67.1              | 8,500           | 71.8              | 7,800           | 75                |  |
| 35          |                   |                 | 36.1              | 8,200           | 53.9              | 7,950           | 63.1              | 7,050           | 68.6              | 6,500           | 72.2              |  |
| 40          |                   |                 | 23.5              | 6,100           | 48                | 6,600           | 58.6              | 6,100           | 65                | 5,550           | 69.3              |  |
| 45          |                   |                 |                   |                 | 40.8              | 5,550           | 53.8              | 5,250           | 61.3              | 4,800           | 66.2              |  |
| 50          |                   |                 |                   |                 | 32.2              | 4,550           | 48.7              | 4,550           | 57.5              | 4,200           | 63.1              |  |
| 55          |                   |                 |                   |                 | 20.6              | 3,300           | 43                | 3,900           | 53.5              | 3,700           | 60                |  |
| 60          |                   |                 |                   |                 |                   |                 | 36.7              | 3,250           | 49.2              | 3,200           | 56.6              |  |
| 65          |                   |                 |                   |                 |                   |                 | 29.1              | 2,650           | 44.6              | 2,750           | 53.2              |  |
| 70          |                   |                 |                   |                 |                   |                 | 18.7              | 1,800           | 39.4              | 2,200           | 49.5              |  |
| 75          |                   |                 |                   |                 |                   |                 |                   |                 | 33.6              | 1,800           | 45.5              |  |
| 80          |                   |                 |                   |                 |                   |                 |                   |                 | 26.8              | 1,400           | 41.2              |  |
| 85          |                   |                 |                   |                 |                   |                 |                   |                 | 17.2              | 800             | 36.5              |  |
| 90          |                   |                 |                   |                 |                   |                 |                   |                 |                   |                 | 31.2              |  |
| 95          |                   |                 |                   |                 |                   |                 |                   |                 |                   |                 | 24.8              |  |
|             | 0                 | 5,200           | 0                 | 2,400           | 0                 | 900             |                   |                 |                   |                 |                   |  |

**25 TO 44 FOOT JIB RATED LOADS**

| RADIUS (ft) | LOADED BOOM ANGLE | 25 ft JIB (lb) | LOADED BOOM ANGLE | 44 ft JIB (lb) |
|-------------|-------------------|----------------|-------------------|----------------|
| 30          | 78.3              | 4,200          |                   |                |
| 35          | 76.2              | 3,800          | 78.2              | 2,400          |
| 40          | 74                | 3,400          | 76.4              | 2,250          |
| 45          | 71.7              | 2,900          | 74.7              | 2,150          |
| 50          | 69.4              | 2,500          | 72.8              | 2,000          |
| 55          | 66.9              | 2,100          | 70.8              | 1,800          |
| 60          | 64.5              | 1,800          | 68.9              | 1,650          |
| 65          | 61.9              | 1,500          | 66.8              | 1,450          |
| 70          | 59.4              | 1,300          | 64.6              | 1,300          |
| 75          | 56.7              | 1,100          | 62.4              | 1,100          |
| 80          | 53.9              | 900            | 60                | 900            |
| 85          | 51                | 700            | 57.8              | 800            |
| 90          | 47.9              | 500            | 55.4              | 700            |
| 95          |                   |                | 52.9              | 500            |

**RATED LOAD REDUCTIONS WITH JIB**

| BOOM LENGTH | 44' JIB STOWED     |
|-------------|--------------------|
| 31'         | Reduce load 850 lb |
| 45'         | Reduce load 600 lb |
| 60'         | Reduce load 450 lb |
| 75'         | Reduce load 350 lb |
| 90'         | Reduce load 300 lb |
| 105'        | Reduce load 250 lb |

\* See owners manual. At the 60,000 lb load require optional 9/1 diameter 6x IWRC cable

**Note:**

1. All capacities are in pounds, angles in degrees, radius in feet.
2. Loaded boom angles are given as reference only.
3. Shaded areas are structurally limited capacities.
4. Handling of personnel is only permitted with full extension of all outrigger beams