

# LIFTCRANE CAPACITIES

CALCULATED TO COMPLY  
WITH ANSI B30.5 REQUIREMENTS  
SUBJECT TO TEST

**7000**  
**CRAWLER**

**BOOM NO. 64**  
**569,400 LB. COUNTERWEIGHT**

**LIFTING CAPACITIES:** Capacities for various boom lengths and operating radii are for freely suspended loads and do not exceed **75%** of a static tipping load. Capacities based on structural competence are shown by shaded areas.

Capacities are shown in pounds. Upper boom point capacities for single part whip line or combination of two single lines are 40,000 lbs. for 1-1/4" wire rope, 48,000 lbs. for 1-3/8" wire rope, 57,000 lbs. for 1-1/2" wire rope and 66,000 lbs. for 1-5/8" wire rope. In all cases, upper boom point capacities cannot exceed those listed for the main boom capacity.

Weight of upper boom point, jib, (see chart A), all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom and jib point sheaves, is considered part of the main boom load. Boom is not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

**OPERATING CONDITIONS:** Machine to operate in a level position on a firm surface. Travel may be limited depending upon ground conditions and under conditions referred to in rigging No. 66082, load line specifications chart No. 6995-A. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation.

**OPERATING RADIUS:** Operating radius is the horizontal distance from the axis of rotation to the center of vertical hoist line or load block. Add 15" to boom point radius for radius of sheave when using single part hoist line.

Boom angle is the angle between horizontal and centerline of boom butt and inserts and is an indication of operating radius. In all cases, operating radius shall govern capacity.

**BOOM POINT ELEVATION:** Boom point elevation, in feet, is the vertical distance from ground level to centerline of boom point shaft.

**MACHINE EQUIPMENT:** Machine equipped with 47'-4" crawlers, 83" treads, 560 hoist, four ringer swingers, 130' mast, 12 part boom hoist reeving, four 1 1/2" boom pendants and 569,400 lb. counterweight; (564,900 lb. on S/N 70003, 70004.)

| HOIST REEVEING FOR MAIN LOAD BLOCK |         |         |         |         |         |         |
|------------------------------------|---------|---------|---------|---------|---------|---------|
| No. Parts of Line                  | 1       | 2       | 3       | 4       | 5       | 6       |
| Max. Load — Lbs.                   | 48,000  | 96,000  | 144,000 | 192,000 | 240,000 | 288,000 |
| No. Parts of Line                  | 7       | 8       | 9       | 10      | 11      | 12      |
| Max. Load — Lbs.                   | 336,000 | 384,000 | 432,000 | 480,000 | 528,000 | 576,000 |
| No. Parts of Line                  | 13      | 14      | 15      | 16      |         |         |
| Max. Load — Lbs.                   | 624,000 | 672,000 | 700,000 | 700,000 |         |         |

| LOAD AND WHIP LINE SPECIFICATIONS                                                                                                                                                                       |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| LOAD LINE: 1-3/8" — 6 x 43 Filler Wire Seale, Extra Improved Plow Steel, Regular Lay, IWRC. Minimum Breaking Strength 192,000 lbs. Approx. Weight Per Ft. in lbs. 3.50.                                 |  |
| WHIP LINE: 1-1/4" — 6 x 31 Warrington Seale, Extra Improved Plow Steel, Regular Lay, IWRC. Minimum Breaking Strength 159,800 lbs. Maximum Load = 40,000 lbs./Line. Approx. Weight Per Ft. in lbs. 2.89. |  |
| 1-3/8" — 6 x 43 Filler Wire Seale, Extra Improved Steel, Regular Lay, IWRC. Minimum Breaking Strength 192,000 lbs. Maximum Load = 48,000 lbs./Line. Approx. Weight Per Ft. in lbs. 3.50.                |  |
| 1-1/2" — 6 x 41 Seale Filler Wire, Extra Improved Plow Steel, Regular Lay IWRC. Minimum Breaking Strength 228,000 lbs. Maximum Load = 57,000 lbs./Line. Approx. Weight Per Ft. in lbs. 4.16.            |  |
| 1-5/8" — 6 x 41 Seale Filler Wire, Extra Improved Plow Steel, Regular Lay, IWRC. Minimum Breaking Strength 264,000 lbs. Maximum Load = 66,000 lbs./Line. Approx. Weight Per Ft. in lbs. 4.88.           |  |

| MAXIMUM BOOM AND JIB LENGTHS<br>LIFTED UNASSISTED    |             |                          |             | (A) DEDUCT FROM<br>CAPACITIES WHEN<br>JIB IS ATTACHED |             |
|------------------------------------------------------|-------------|--------------------------|-------------|-------------------------------------------------------|-------------|
| OVER FRONT OF<br>CRAWLERS                            |             | OVER SIDE OF<br>CRAWLERS |             |                                                       |             |
| Boom Lgth.                                           | Jib No. 127 | Boom Lgth.               | Jib No. 127 | Jib Lgth.                                             | Jib No. 127 |
| 400'                                                 | —           | 400'                     | —           | 40'                                                   | 9,000 Lb.   |
| 400'                                                 | 100'        | 400'                     | 100'        | 60'                                                   | 11,300 Lb.  |
|                                                      |             |                          |             | 80'                                                   | 13,250 Lb.  |
|                                                      |             |                          |             | 100'                                                  | 15,850 Lb.  |
| Load block, hook and weight ball on ground at start. |             |                          |             |                                                       |             |

Load block, hook and weight ball on ground at start.

| DEDUCT FROM CAPACITIES<br>WHEN UPPER BOOM POINT<br>IS ATTACHED |           |
|----------------------------------------------------------------|-----------|
| One Sheave Point                                               | 1,800 Lb. |
| Two Sheave Point                                               | 2,600 Lb. |

For jib capacities, consult jib chart.

| Boom Lgth.: Feet | Oper. Rad.: Feet | Boom Ang.: Deg. | Boom Point: Elev. | Capacity: | Boom Lgth.: Feet | Oper. Rad.: Feet | Boom Ang.: Deg. | Boom Point: Elev. | Capacity: | Boom Lgth.: Feet | Oper. Rad.: Feet | Boom Ang.: Deg. | Boom Point: Elev. | Capacity: | Boom Lgth.: Feet | Oper. Rad.: Feet | Boom Ang.: Deg. | Boom Point: Elev. | Capacity: |
|------------------|------------------|-----------------|-------------------|-----------|------------------|------------------|-----------------|-------------------|-----------|------------------|------------------|-----------------|-------------------|-----------|------------------|------------------|-----------------|-------------------|-----------|
| 40               | 81.5             | 163.6           | 700,000           |           | 95               | 63.8             | 171.9           | 324,000           |           | 125              | 57.6             | 183.5           | 225,400           |           | 125              | 61.5             | 212.6           | 223,300           |           |
| 45               | 79.6             | 162.7           | 622,100           |           | 100              | 62.0             | 169.3           | 303,300           |           | 130              | 55.9             | 180.2           | 214,300           |           | 130              | 60.1             | 209.8           | 212,200           |           |
| 50               | 77.7             | 161.7           | 584,200           |           | 105              | 60.1             | 166.5           | 284,900           |           | 135              | 54.1             | 176.7           | 204,200           |           | 135              | 58.6             | 206.8           | 202,100           |           |
| 55               | 75.7             | 160.5           | 552,400           |           | 110              | 58.2             | 163.5           | 268,400           |           | 140              | 52.3             | 172.9           | 194,900           |           | 140              | 57.1             | 203.6           | 192,800           |           |
| 60               | 73.7             | 159.0           | 522,800           |           | 115              | 56.2             | 160.2           | 253,600           |           | 145              | 50.5             | 168.8           | 186,300           |           | 145              | 55.6             | 200.2           | 184,200           |           |
| 65               | 71.7             | 157.4           | 496,100           |           | 120              | 54.2             | 156.7           | 240,300           |           | 150              | 48.6             | 164.5           | 178,400           |           | 150              | 54.0             | 196.7           | 176,300           |           |
| 70               | 69.7             | 155.6           | 472,000           |           | 125              | 52.2             | 152.9           | 228,100           |           | 155              | 46.6             | 159.9           | 171,000           |           | 155              | 52.4             | 192.9           | 168,900           |           |
| 75               | 67.6             | 153.6           | 444,700           |           | 130              | 50.1             | 148.8           | 217,100           |           | 160              | 44.6             | 154.9           | 164,200           |           | 160              | 50.8             | 188.9           | 162,100           |           |
| 80               | 65.5             | 151.4           | 408,100           |           | 135              | 47.9             | 144.3           | 207,000           |           | 165              | 42.5             | 149.6           | 157,800           |           | 165              | 49.1             | 184.6           | 155,700           |           |
| 85               | 63.4             | 149.0           | 376,800           |           | 140              | 45.6             | 139.6           | 197,700           |           | 170              | 40.3             | 143.8           | 151,800           |           | 170              | 47.4             | 180.1           | 149,700           |           |
| 90               | 61.2             | 146.3           | 349,800           |           | 145              | 43.3             | 134.4           | 189,100           |           | 175              | 38.0             | 137.6           | 146,200           |           | 175              | 45.6             | 175.3           | 144,100           |           |
| 95               | 59.0             | 143.3           | 326,200           |           | 150              | 40.8             | 128.8           | 181,100           |           | 180              | 35.6             | 130.8           | 140,900           |           | 180              | 43.8             | 170.2           | 138,900           |           |
| 100              | 56.7             | 140.1           | 305,400           |           | 155              | 38.2             | 122.6           | 173,800           |           | 185              | 33.1             | 123.4           | 136,000           |           | 185              | 41.9             | 164.7           | 133,900           |           |
| 105              | 54.4             | 136.7           | 287,000           |           | 160              | 35.4             | 115.8           | 166,900           |           | 190              | 30.3             | 115.2           | 131,300           |           | 190              | 39.9             | 158.9           | 129,200           |           |
| 110              | 52.0             | 132.8           | 270,500           |           | 165              | 32.5             | 108.3           | 160,500           |           | 195              | 27.3             | 105.9           | 126,900           |           | 195              | 37.9             | 152.6           | 124,800           |           |
| 115              | 49.5             | 128.7           | 255,700           |           | 170              | 29.2             | 99.7            | 154,500           |           | 200              | 23.9             | 95.3            | 122,800           |           | 200              | 35.8             | 145.8           | 120,700           |           |
| 120              | 47.0             | 124.1           | 242,400           |           | 175              | 25.6             | 89.9            | 148,900           |           | 205              | 20.0             | 82.7            | 118,800           |           | 205              | 33.5             | 138.5           | 116,700           |           |
| 125              | 44.3             | 119.2           | 230,300           |           | 180              | 21.5             | 78.2            | 143,700           |           | 210              | 15.2             | 66.5            | 114,600           |           | 210              | 31.1             | 130.5           | 113,000           |           |
| 130              | 41.4             | 113.7           | 219,200           |           | 185              | 16.3             | 63.2            | 137,600           |           | 215              |                  |                 |                   |           | 215              | 28.5             | 121.6           | 109,500           |           |
| 135              | 38.4             | 107.6           | 209,100           |           |                  |                  |                 |                   |           | 220              |                  |                 |                   |           | 220              | 25.7             | 111.7           | 106,100           |           |
| 140              | 35.2             | 100.8           | 199,800           |           | 50               | 80.8             | 212.6           | 541,600           |           | 225              |                  |                 |                   |           | 225              | 22.5             | 100.4           | 102,900           |           |
| 145              | 31.7             | 93.1            | 191,200           |           | 55               | 79.3             | 211.7           | 511,600           |           | 230              |                  |                 |                   |           | 230              | 18.8             | 86.9            | 99,800            |           |
| 150              | 27.8             | 84.1            | 183,200           |           | 60               | 77.9             | 210.7           | 486,400           |           |                  |                  |                 |                   |           |                  |                  |                 |                   |           |
| 155              | 23.2             | 73.4            | 175,900           |           | 65               | 76.4             | 209.5           | 462,300           |           | 50               | 81.8             | 238.0           | 522,700           |           |                  |                  |                 |                   |           |
| 160              | 17.6             | 59.6            | 165,500           |           | 70               | 74.9             | 208.2           | 440,400           |           | 55               | 80.5             | 237.1           | 494,300           |           |                  |                  |                 |                   |           |
|                  |                  |                 |                   |           | 75               | 73.4             | 206.7           | 420,400           |           | 60               | 79.2             | 236.2           | 470,400           |           |                  |                  |                 |                   |           |
| 45               | 81.1             | 188.1           | 598,300           |           | 80               | 71.9             | 205.1           | 400,800           |           | 65               | 77.9             | 235.2           | 447,400           |           |                  |                  |                 |                   |           |
| 50               | 79.4             | 187.2           | 562,700           |           | 85               | 70.4             | 203.4           | 371,900           |           | 70               | 76.6             | 234.0           | 426,400           |           |                  |                  |                 |                   |           |
| 55               | 77.8             | 186.2           | 531,000           |           | 90               | 68.9             | 201.5           | 344,900           |           | 75               | 75.3             | 232.7           | 407,300           |           |                  |                  |                 |                   |           |
| 60               | 76.1             | 185.0           | 504,600           |           | 95               | 67.3             | 199.5           | 321,300           |           | 80               | 74.0             | 231.3           | 389,700           |           |                  |                  |                 |                   |           |
| 65               | 74.4             | 183.6           | 479,200           |           | 100              | 65.7             | 197.2           | 300,500           |           | 85               | 72.7             | 229.8           | 369,900           |           |                  |                  |                 |                   |           |
| 70               | 72.7             | 182.1           | 456,200           |           | 105              | 64.2             | 194.9           | 282,100           |           | 90               | 71.3             | 228.1           | 342,800           |           |                  |                  |                 |                   |           |
| 75               | 71.0             | 180.4           | 435,300           |           | 110              | 62.6             | 192.3           | 265,600           |           | 95               | 70.0             | 226.4           | 319,200           |           |                  |                  |                 |                   |           |
| 80               | 69.2             | 178.6           | 406,000           |           | 115              | 60.9             | 189.6           | 250,900           |           | 100              | 68.6             | 224.4           | 298,400           |           |                  |                  |                 |                   |           |
| 85               | 67.4             | 176.5           | 374,700           |           | 120              | 59.3             | 186.7           | 237,500           |           | 105              | 67.2             | 222.4           | 280,000           |           |                  |                  |                 |                   |           |
| 90               | 65.7             | 174.3           | 347,600           |           |                  |                  |                 |                   |           | 110              | 65.8             | 220.2           | 263,600           |           |                  |                  |                 |                   |           |
|                  |                  |                 |                   |           |                  |                  |                 |                   |           | 115              | 64.4             | 217.8           | 248,800           |           |                  |                  |                 |                   |           |
|                  |                  |                 |                   |           |                  |                  |                 |                   |           | 120              | 63.0             | 215.3           | 235,400           |           |                  |                  |                 |                   |           |

Capacities continued  
on reverse side.

# SEE CONDITIONS ON REVERSE SIDE

| Boom<br>Lgth.:<br>Feet | Oper.<br>Rad.:<br>Feet | Boom<br>Ang.:<br>Deg. | Boom<br>Point:<br>Elev. | Capacity: | Boom<br>Lgth.:<br>Feet | Oper.<br>Rad.:<br>Feet | Boom<br>Ang.:<br>Deg. | Boom<br>Point:<br>Elev. | Capacity: | Boom<br>Lgth.:<br>Feet | Oper.<br>Rad.:<br>Feet | Boom<br>Ang.:<br>Deg. | Boom<br>Point:<br>Elev. | Capacity: | Boom<br>Lgth.:<br>Feet | Oper.<br>Rad.:<br>Feet | Boom<br>Ang.:<br>Deg. | Boom<br>Point:<br>Elev. | Capacity: |
|------------------------|------------------------|-----------------------|-------------------------|-----------|------------------------|------------------------|-----------------------|-------------------------|-----------|------------------------|------------------------|-----------------------|-------------------------|-----------|------------------------|------------------------|-----------------------|-------------------------|-----------|
| 55                     | 81.5                   | 262.5                 | 460,500                 |           | 60                     | 81.9                   | 312.3                 | 359,000                 |           | 70                     | 81.4                   | 361.3                 | 273,700                 |           | 300                    | 41.1                   | 261.1                 | 49,000                  |           |
| 60                     | 80.3                   | 261.7                 | 454,900                 |           | 65                     | 81.0                   | 311.5                 | 356,800                 |           | 75                     | 80.6                   | 360.5                 | 271,300                 |           | 305                    | 39.9                   | 255.2                 | 47,200                  |           |
| 65                     | 79.2                   | 260.7                 | 443,000                 |           | 70                     | 80.0                   | 310.7                 | 354,500                 |           | 80                     | 79.8                   | 359.7                 | 268,700                 |           | 310                    | 38.7                   | 249.0                 | 45,400                  |           |
| 70                     | 78.0                   | 259.7                 | 413,000                 |           | 75                     | 79.0                   | 309.7                 | 351,700                 |           | 85                     | 79.0                   | 358.7                 | 265,900                 |           | 315                    | 37.5                   | 242.6                 | 43,700                  |           |
| 75                     | 76.8                   | 258.5                 | 394,600                 |           | 80                     | 78.1                   | 308.7                 | 348,800                 |           | 90                     | 78.1                   | 357.7                 | 263,000                 |           | 320                    | 36.2                   | 235.9                 | 42,000                  |           |
| 80                     | 75.6                   | 257.3                 | 377,700                 |           | 85                     | 77.1                   | 307.5                 | 341,100                 |           | 95                     | 77.3                   | 356.6                 | 259,900                 |           | 325                    | 34.9                   | 228.8                 | 40,400                  |           |
| 85                     | 74.4                   | 255.9                 | 362,100                 |           | 90                     | 76.1                   | 306.3                 | 327,700                 |           | 100                    | 76.4                   | 355.4                 | 256,800                 |           | 330                    | 33.5                   | 221.4                 | 38,900                  |           |
| 90                     | 73.2                   | 254.4                 | 340,600                 |           | 95                     | 75.1                   | 305.0                 | 312,600                 |           | 105                    | 75.6                   | 354.1                 | 253,500                 |           | 335                    | 32.1                   | 213.6                 | 37,400                  |           |
| 95                     | 72.0                   | 252.8                 | 317,000                 |           | 100                    | 74.1                   | 303.6                 | 291,800                 |           | 110                    | 74.7                   | 352.8                 | 250,200                 |           | 340                    | 30.6                   | 205.3                 | 35,900                  |           |
| 100                    | 70.8                   | 251.1                 | 296,200                 |           | 105                    | 73.1                   | 302.1                 | 273,400                 |           | 115                    | 73.9                   | 351.3                 | 237,600                 |           | 345                    | 29.1                   | 196.6                 | 34,500                  |           |
| 105                    | 69.6                   | 249.3                 | 277,800                 |           | 110                    | 72.1                   | 300.5                 | 256,900                 |           | 120                    | 73.0                   | 349.8                 | 224,200                 |           | 350                    | 27.5                   | 187.2                 | 33,200                  |           |
| 110                    | 68.4                   | 247.4                 | 261,400                 |           | 115                    | 71.1                   | 298.9                 | 242,100                 |           | 125                    | 72.2                   | 348.2                 | 212,100                 |           | 355                    | 25.7                   | 177.1                 | 31,800                  |           |
| 115                    | 67.1                   | 245.3                 | 246,600                 |           | 120                    | 70.1                   | 297.1                 | 228,800                 |           | 130                    | 71.3                   | 346.6                 | 201,000                 |           | 360                    | 23.9                   | 166.2                 | 29,800                  |           |
| 120                    | 65.9                   | 243.1                 | 233,200                 |           | 125                    | 69.1                   | 295.2                 | 216,600                 |           | 135                    | 70.5                   | 344.8                 | 190,900                 |           |                        |                        |                       |                         |           |
| 125                    | 64.6                   | 240.7                 | 221,100                 |           | 130                    | 68.1                   | 293.2                 | 205,600                 |           | 140                    | 69.6                   | 343.0                 | 181,600                 |           |                        |                        |                       |                         |           |
| 130                    | 63.3                   | 238.3                 | 210,000                 |           | 135                    | 67.0                   | 291.1                 | 195,400                 |           | 145                    | 68.7                   | 341.1                 | 173,000                 |           | 75                     | 81.8                   | 411.2                 | 200,400                 |           |
| 135                    | 62.0                   | 235.6                 | 199,900                 |           | 140                    | 66.0                   | 288.9                 | 186,100                 |           | 150                    | 67.8                   | 339.0                 | 165,000                 |           | 80                     | 81.1                   | 410.4                 | 198,000                 |           |
| 140                    | 60.7                   | 232.9                 | 190,600                 |           | 145                    | 64.9                   | 286.6                 | 177,500                 |           | 155                    | 66.9                   | 336.9                 | 157,700                 |           | 85                     | 80.4                   | 409.6                 | 196,100                 |           |
| 145                    | 59.4                   | 230.0                 | 182,000                 |           | 150                    | 63.9                   | 284.2                 | 169,600                 |           | 160                    | 66.0                   | 334.7                 | 150,800                 |           | 90                     | 79.6                   | 408.7                 | 193,700                 |           |
| 150                    | 58.1                   | 226.9                 | 174,100                 |           | 155                    | 62.8                   | 281.6                 | 162,200                 |           | 165                    | 65.1                   | 332.4                 | 144,400                 |           | 95                     | 78.9                   | 407.7                 | 191,100                 |           |
| 155                    | 56.7                   | 223.7                 | 166,700                 |           | 160                    | 61.7                   | 279.0                 | 155,400                 |           | 170                    | 64.2                   | 330.0                 | 138,500                 |           | 100                    | 78.2                   | 406.7                 | 188,400                 |           |
| 160                    | 55.3                   | 220.3                 | 159,900                 |           | 165                    | 60.6                   | 276.2                 | 149,000                 |           | 175                    | 63.3                   | 327.6                 | 132,900                 |           | 105                    | 77.4                   | 405.6                 | 185,700                 |           |
| 165                    | 53.9                   | 216.7                 | 153,500                 |           | 170                    | 59.5                   | 273.3                 | 143,000                 |           | 180                    | 62.4                   | 325.0                 | 127,600                 |           | 110                    | 76.7                   | 404.4                 | 182,900                 |           |
| 170                    | 52.5                   | 212.9                 | 147,500                 |           | 175                    | 58.4                   | 270.2                 | 137,400                 |           | 185                    | 61.5                   | 322.3                 | 122,600                 |           | 115                    | 76.0                   | 403.2                 | 180,100                 |           |
| 175                    | 51.0                   | 208.9                 | 141,900                 |           | 180                    | 57.3                   | 267.1                 | 132,200                 |           | 190                    | 60.5                   | 319.5                 | 118,000                 |           | 120                    | 75.2                   | 401.9                 | 177,300                 |           |
| 180                    | 49.5                   | 204.7                 | 136,600                 |           | 185                    | 56.1                   | 263.7                 | 127,200                 |           | 195                    | 59.6                   | 316.6                 | 113,600                 |           | 125                    | 74.5                   | 400.5                 | 174,400                 |           |
| 185                    | 48.0                   | 200.2                 | 131,700                 |           | 190                    | 55.0                   | 260.3                 | 122,600                 |           | 200                    | 58.6                   | 313.6                 | 109,400                 |           | 130                    | 73.7                   | 399.0                 | 171,500                 |           |
| 190                    | 46.4                   | 195.6                 | 127,000                 |           | 195                    | 53.8                   | 256.7                 | 118,200                 |           | 205                    | 57.7                   | 310.4                 | 105,500                 |           | 135                    | 73.0                   | 397.5                 | 168,600                 |           |
| 195                    | 44.8                   | 190.6                 | 122,600                 |           | 200                    | 52.6                   | 252.9                 | 114,000                 |           | 210                    | 56.7                   | 307.2                 | 101,600                 |           | 140                    | 72.2                   | 395.9                 | 165,700                 |           |
| 200                    | 43.1                   | 185.4                 | 118,500                 |           | 205                    | 51.4                   | 248.9                 | 110,100                 |           | 215                    | 55.7                   | 303.8                 | 97,700                  |           | 145                    | 71.5                   | 394.3                 | 162,800                 |           |
| 205                    | 41.4                   | 179.8                 | 114,500                 |           | 210                    | 50.1                   | 244.8                 | 106,300                 |           | 220                    | 54.7                   | 300.3                 | 93,900                  |           | 150                    | 70.7                   | 392.6                 | 159,900                 |           |
| 210                    | 39.6                   | 173.9                 | 110,800                 |           | 215                    | 48.9                   | 240.5                 | 102,800                 |           | 225                    | 53.7                   | 296.7                 | 90,300                  |           | 155                    | 70.0                   | 390.7                 | 157,000                 |           |
| 215                    | 37.8                   | 167.6                 | 107,200                 |           | 220                    | 47.6                   | 236.0                 | 99,300                  |           | 230                    | 52.7                   | 292.9                 | 86,900                  |           | 160                    | 69.2                   | 388.9                 | 154,200                 |           |
| 220                    | 35.9                   | 160.8                 | 103,900                 |           | 225                    | 46.3                   | 231.3                 | 95,800                  |           | 235                    | 51.6                   | 289.0                 | 83,600                  |           | 165                    | 68.4                   | 386.9                 | 151,400                 |           |
| 225                    | 33.9                   | 153.6                 | 100,700                 |           | 230                    | 44.9                   | 226.3                 | 92,400                  |           | 240                    | 50.6                   | 284.9                 | 80,500                  |           | 170                    | 67.6                   | 384.9                 | 148,600                 |           |
| 230                    | 31.7                   | 145.7                 | 97,600                  |           | 235                    | 43.5                   | 221.2                 | 89,200                  |           | 245                    | 49.5                   | 280.7                 | 77,600                  |           | 175                    | 66.9                   | 382.8                 | 145,800                 |           |
| 235                    | 29.4                   | 137.2                 | 94,700                  |           | 240                    | 42.1                   | 215.7                 | 86,100                  |           | 250                    | 48.4                   | 276.3                 | 74,700                  |           | 180                    | 66.1                   | 380.6                 | 143,000                 |           |
| 240                    | 27.0                   | 127.7                 | 91,900                  |           | 245                    | 40.7                   | 210.0                 | 83,200                  |           | 255                    | 47.3                   | 271.7                 | 72,000                  |           | 185                    | 65.3                   | 378.3                 | 140,200                 |           |
| 245                    | 24.3                   | 117.2                 | 89,000                  |           | 250                    | 39.2                   | 204.0                 | 80,400                  |           | 260                    | 46.2                   | 267.0                 | 69,400                  |           | 190                    | 64.5                   | 375.9                 | 137,400                 |           |
| 250                    | 21.3                   | 105.1                 | 86,300                  |           | 255                    | 37.6                   | 197.6                 | 77,700                  |           | 265                    | 45.0                   | 262.0                 | 66,900                  |           | 195                    | 63.7                   | 373.5                 | 134,600                 |           |
| 255                    | 17.9                   | 90.8                  | 83,700                  |           | 260                    | 36.0                   | 190.9                 | 75,100                  |           | 270                    | 43.8                   | 256.9                 | 64,500                  |           | 200                    | 62.9                   | 370.9                 | 131,800                 |           |
| 60                     | 81.2                   | 287.0                 | 412,000                 |           | 265                    | 34.4                   | 183.7                 | 72,700                  |           | 275                    | 42.6                   | 251.6                 | 62,200                  |           | 205                    | 62.1                   | 368.3                 | 129,000                 |           |
| 65                     | 80.1                   | 286.2                 | 409,000                 |           | 270                    | 32.6                   | 176.1                 | 70,300                  |           | 280                    | 41.4                   | 246.0                 | 60,000                  |           | 210                    | 61.3                   | 365.6                 | 126,200                 |           |
| 70                     | 79.1                   | 285.2                 | 400,300                 |           | 275                    | 30.8                   | 167.9                 | 68,000                  |           | 285                    | 40.2                   | 240.1                 | 57,900                  |           | 215                    | 60.5                   | 362.8                 | 123,400                 |           |
| 75                     | 78.0                   | 284.2                 | 382,700                 |           | 280                    | 28.9                   | 159.1                 | 65,800                  |           | 290                    | 38.9                   | 234.0                 | 55,800                  |           | 220                    | 59.6                   | 359.9                 | 120,600                 |           |
| 80                     | 77.0                   | 283.0                 | 366,500                 |           | 285                    | 26.8                   | 149.5                 | 63,700                  |           | 295                    | 37.5                   | 227.6                 | 53,900                  |           | 225                    | 58.8                   | 356.9                 | 117,800                 |           |
| 85                     | 75.9                   | 281.8                 | 351,500                 |           | 290                    | 24.6                   | 139.0                 | 61,700                  |           | 300                    | 36.2                   | 220.9                 | 52,000                  |           | 230                    | 58.0                   | 353.8                 | 115,000                 |           |
| 90                     | 74.8                   | 280.5                 | 336,600                 |           | 295                    | 22.1                   | 127.3                 | 59,800                  |           | 305                    | 34.7                   | 213.8                 | 50,100                  |           | 235                    | 57.1                   | 350.6                 | 112,200                 |           |
| 95                     | 73.7                   | 279.0                 | 314,800                 |           | 300                    | 19.4                   | 114.0                 | 57,900                  |           | 310                    | 33.3                   | 206.3                 | 48,400                  |           | 240                    | 56.2                   | 347.3                 | 109,400                 |           |
| 100                    | 72.6                   | 277.5                 | 294,100                 |           | 305                    | 16.3                   | 98.2                  | 56,200                  |           | 315                    | 31.7                   | 198.4                 | 46,600                  |           | 245                    | 55.4                   | 343.8                 | 106,600                 |           |
| 105                    | 71.5                   | 275.9                 | 275,600                 |           | 65                     | 81.7                   | 336.8                 | 322,300                 |           | 320                    | 30.1                   | 190.0                 | 45,000                  |           | 250                    | 54.5                   | 340.3                 | 103,800                 |           |
| 110                    | 70.4                   | 274.1                 | 259,200                 |           | 70                     | 80.8                   | 336.0                 | 320,000                 |           | 325                    | 28.5                   | 181.0                 | 43,400                  |           | 255                    | 53.6                   | 336.7                 | 101,000                 |           |
| 115                    | 69.3                   | 272.2                 | 244,400                 |           | 75                     | 79.9                   | 335.2                 | 317,100                 |           | 330                    | 26.7                   | 171.3                 | 41,900                  |           | 260                    | 52.7                   | 332.9                 | 98,200                  |           |
| 120                    | 68.2                   | 270.3                 | 231,000                 |           | 80                     | 79.0                   | 334.2                 | 314,200                 |           | 335                    | 24.8                   | 160.9                 | 40,400                  |           | 265                    | 51.8                   | 329.0                 | 95,400                  |           |
| 125                    | 67.1                   | 268.2                 | 218,900                 |           | 85                     | 78.1                   | 333.2                 | 311,100                 |           | 340                    | 22.7                   | 149.4                 | 38,900                  |           | 270                    | 50.9                   | 325.0                 | 92,600                  |           |
| 130                    | 65.9                   | 266.0                 | 207,800                 |           | 90                     | 77.2                   | 332.1                 | 307,800                 |           | 345                    | 20.5                   | 136.6                 | 37,500                  |           | 275                    | 50.0                   | 320.8                 | 89,800                  |           |
| 135                    | 64.8                   | 263.7                 | 197,700                 |           | 95                     | 76.3                   | 330.9                 | 304,500                 |           | 350                    | 18.0                   | 122.1                 | 35,700                  |           | 280                    | 49.0                   | 316.5                 | 87,000                  |           |
| 140                    | 63.6                   | 261.2                 | 188,400                 |           | 100                    | 75.4                   | 329.6                 | 299,600                 |           | 355                    | 15.0                   | 104.9                 | 33,700                  |           | 285                    | 48.1                   | 312.1                 | 84,200                  |           |
| 145                    | 62.5                   | 258.6                 | 179,800                 |           | 105                    | 74.5                   | 328.2                 | 294,100                 |           |                        |                        |                       |                         |           | 290                    | 47.1                   | 307.5                 | 81,400                  |           |
| 150                    | 61.3                   | 255.9                 | 171,900                 |           | 110                    | 73.5                   | 326.7                 | 284,700                 |           |                        |                        |                       |                         |           | 295                    | 46.1                   | 302.7                 | 78,600                  |           |
| 155                    | 60.1                   | 253.1                 | 164,500                 |           | 115                    | 72.6                   | 325.2                 | 279,900                 |           | 75                     | 81.2                   | 385.9                 | 243,500                 |           | 300                    | 45.1                   | 297.8                 | 75,800                  |           |
| 160                    | 58.9                   | 250.1                 | 157,700                 |           | 120                    | 71.7                   | 323.6                 | 276,500                 |           | 80                     | 80.5                   | 385.0                 | 241,000                 |           | 305                    | 44.1                   | 292.7                 | 73,000                  |           |
| 165                    | 57.6                   | 247.0                 | 151,300                 |           | 125                    | 70.8                   | 321.8                 | 274,400                 |           | 85                     | 79.7                   | 384.2                 | 238,400                 |           | 310                    | 43.0                   | 287.4                 | 70,200                  |           |
| 170                    | 56.4                   | 243.7                 | 145,300                 |           | 130                    | 69.8                   | 320.0                 | 270,300                 |           | 90                     | 78.9                   | 383.2                 | 235,500                 |           | 315                    | 42.0                   | 281.9                 | 67,400                  |           |
| 175                    | 55.1                   | 240.3                 | 139,700                 |           | 135                    | 68.9                   | 318.1                 | 266,200                 |           | 95                     | 78.1                   | 382.2                 | 232,600                 |           | 320                    | 40.9                   | 276.2                 | 64,600                  |           |
| 180                    | 53.8                   | 236.7                 | 134,400                 |           | 140                    | 67.9                   | 316.1                 | 263,900                 |           | 100                    | 77.4                   | 381.1                 | 229,500                 |           | 325                    | 39.8                   | 270.2                 | 61,800                  |           |
| 185                    | 52.5                   | 232.9                 | 129,500                 |           | 145                    | 67.0                   | 314.0                 | 261,300                 |           | 105                    | 76.6                   | 379.9                 | 226,400                 |           | 330                    | 38.6                   | 264.0                 | 59,000                  |           |
| 190                    | 51.2                   | 228.9                 | 124,800                 |           | 150                    | 66.0                   | 311.8                 | 258,700                 |           | 110                    | 75.8                   | 378.6                 | 223,200                 |           | 335                    | 37.4                   | 257.6                 | 56,200                  |           |
| 195                    | 49.8                   | 224.8                 | 120,400                 |           | 155                    | 65.0                   | 309.5                 | 256,000                 |           | 115                    | 75.0                   | 377.3                 | 219,900                 |           |                        |                        |                       |                         |           |
|                        |                        |                       |                         |           |                        |                        |                       |                         |           |                        |                        |                       |                         |           |                        |                        |                       |                         |           |