



STATIC LOADS

| PLAY POSITION | FOLDED |
|---------------|---------|
| A = B = | A = B = |
| C = | C = |
| | D = |

DYNAMIC LOADS

| FRONT IMPACT | SIDE IMPACT |
|--------------|-------------|
| A = B = | A = B = |
| C = | A = B = |
| C = | |

IMPORTANT NOTE:

THIS LOADING CHART IS **NOT** TO BE USED IN FIELD FOR CONSTRUCTION OF BASKETBALL SUPPORT (LOCATIONS) THAT SHALL BE PLACED (BY OTHERS) WHEN APPLICABLE.

PLEASE CONTACT AALCO MFG. DIRECTLY FOR SUPPORT PLACEMENT INFORMATION.



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| 130FS | | | | STATIC LOADS | | | | | | DYNAMIC LOADS | | | | | |
|-------------|-----|-------|-------|---------------|----|---|-------------|----|-----|---------------|-----|-------------|-------|-------|--|
| | | | | PLAY POSITION | | | FOLDED POS. | | | FRONT IMP. | | SIDE IMPACT | | | |
| BEAM HEIGHT | A | PS | HHS | A,B | C | D | A,B | C | D | A,B | C > | C ^ | A,B ^ | A,B > | |
| 16' | 6' | 2.5' | 2.9' | 178 | 7 | 0 | 102 | 7 | 560 | 173 | 250 | 346 | 104 | 125 | |
| 18' | 6' | 4.0' | 4.0' | 189 | 10 | 0 | 68 | 10 | 514 | 186 | 250 | 371 | 146 | 125 | |
| 20' | 6' | 6.0' | 5.2' | 200 | 13 | 0 | 28 | 13 | 456 | 192 | 250 | 385 | 188 | 125 | |
| 22' | 6' | 8.0' | 6.4' | 211 | 16 | 0 | 4 | 16 | 430 | 197 | 250 | 394 | 229 | 125 | |
| 24' | 7' | 10.0' | 7.5' | 222 | 19 | 0 | -14 | 19 | 416 | 200 | 250 | 400 | 271 | 125 | |
| 26' | 8' | 12.0' | 8.7' | 233 | 22 | 0 | -28 | 22 | 409 | 202 | 250 | 404 | 313 | 125 | |
| 28' | 9' | 14.0' | 9.8' | 244 | 25 | 0 | -41 | 25 | 406 | 204 | 250 | 408 | 354 | 125 | |
| 30' | 10' | 16.0' | 11.0' | 254 | 27 | 0 | -52 | 27 | 405 | 205 | 250 | 410 | 396 | 125 | |
| 32' | 11' | 18.0' | 12.1' | 265 | 30 | 0 | -63 | 30 | 405 | 206 | 250 | 412 | 438 | 125 | |
| 34' | 12' | 20.0' | 13.3' | 276 | 33 | 0 | -73 | 33 | 407 | 207 | 250 | 414 | 479 | 125 | |
| 36' | 13' | 22.0' | 14.4' | 287 | 36 | 0 | -82 | 36 | 409 | 208 | 250 | 416 | 521 | 125 | |
| 38' | 14' | 24.0' | 15.6' | 298 | 39 | 0 | -92 | 39 | 412 | 208 | 250 | 417 | 563 | 125 | |
| 40' | 15' | 26.0' | 16.7' | 309 | 42 | 0 | -101 | 42 | 415 | 209 | 250 | 418 | 604 | 125 | |