

BOWYER = name

MODEL = Take Down

BOW LENGTH = 60 INCHES
STRING LENGTH = 57 INCHES (actual)
STRING TYPE = FF ENDLESS
STRING STRANDS = 14
BRACE HEIGHT = 8,00 INCHES
DRAW LENGTH = 28 INCHES
ARROW WEIGHT = 300 GRAINS
ARROW SPEED AVE = 179,0 FPS

Enter values in yellow cells
Blue cells are calculated by Excel

| DR LNTH (INCHES) | DR FORCE (LBS) | CHANGE PER INCH |
|------------------|----------------|-----------------|
| 0,00 | | 0,00 |
| 1,00 | | 0,00 |
| 2,00 | | 0,00 |
| 3,00 | | 0,00 |
| 4,00 | | 0,00 |
| 5,00 | | 0,00 |
| 6,00 | | 0,00 |
| 7,00 | | 0,00 |
| 8,00 | | 0,00 |
| 9,00 | 0,00 | 0,00 |
| 10,00 | 2,20 | 2,20 |
| 11,00 | 4,50 | 2,30 |
| 12,00 | 6,60 | 2,10 |
| 13,00 | 8,40 | 1,80 |
| 14,00 | 10,00 | 1,60 |
| 15,00 | 11,40 | 1,40 |
| 16,00 | 12,70 | 1,30 |
| 17,00 | 14,10 | 1,40 |
| 18,00 | 15,40 | 1,30 |
| 19,00 | 16,70 | 1,30 |
| 20,00 | 18,00 | 1,30 |
| 21,00 | 19,30 | 1,30 |
| 22,00 | 20,60 | 1,30 |
| 23,00 | 22,00 | 1,40 |
| 24,00 | 23,50 | 1,50 |
| 25,00 | 25,00 | 1,50 |
| 26,00 | 26,70 | 1,70 |
| 27,00 | 28,50 | 1,80 |
| 28,00 | 30,40 | 1,90 |
| 29,00 | | 0,00 |
| 30,00 | | 0,00 |
| 31,00 | | 0,00 |
| 32,00 | | 0,00 |

PEAK DRAW FORCE (P.D.F.) = 30,40 LB
STORED ENERGY (S.E.) = 26,33 FT.LB
S.E./P.D.F. = 0,866 FT.LB./LB.
ARROW K.E. = 21,35 FT.LB
DYNAMIC EFFICIENCY = 81,07 %

