

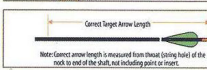
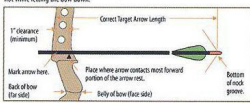
# EASTON OUTDOOR & INDOOR TARGET • FIELD • 3-D ARROW SELECTION CHART

### 1. Determining Correct Target Arrow Length

The **Correct Arrow Length** for any type bow (including bows with overdraw) is determined by drawing an extra-long arrow to full draw and having someone mark the arrow one inch in front of where the arrow contacts the most forward portion of the arrow rest. You may also use an arrow-length check arrow from Easton.

### 2. Determining Actual Peak Bow Weight for Compound Bows

Compound bows must be measured at the peak bow weight as the bows being drawn and not while letting the bow draw.



Note: **Correct arrow length** is measured from those (sitting hole) of the nock to end of the shaft not including glue or inserts.

The suggested shaft sizes in the charts were determined using a "Standard" Setup which includes:

- Use of a release aid.
- Recommended 75-100 grain arrow point weight.
- Compound bow with brace height greater than 6 1/2".
- Bows with bow height greater than 6 1/2" - 665 lbs.

If your setup differs from the "Standard" Setup, use the Variables following to make adjustments to determine the **Calculated Peak Bow Weight** or the **correct arrow** you can select on the Chart.

- Variables to the "Standard" Setup for Compound Bows:
- Finger release - Add 5 lbs.
  - Point weight over 100 grains - Add 3 lbs. for each 25 grains heavier than 100 grains.
  - Bows with bow height greater than 6 1/2" - Add 5 lbs.

**Overdraw Compound Bows**

If you are using an overdraw, make the variable calculations (if any), and then modify the **Calculated Peak Bow Weight** of your bow using the following chart:

| Overdraw                                      | Level of overdraw       | Peak Bow Weight         |
|---|-------------------------|-------------------------|
| For 100-250 Actual Calculated Peak Bow Weight | 18" 18" 18" 18" 18" 18" | 18" 18" 18" 18" 18" 18" |
| add to bow weight                             |                         |                         |

### 3. Determining Actual Peak Bow Weight for Recurve Bows

Your local archery pro shop is the best place to determine the actual draw weight of your bow. **Actual Peak Bow Weight** for recurve bows should be measured at your draw length.

**Bow Draw Length**

Draw length is measured at full draw from the "back" (far side - see drawing) of the bow to the bottom of the nock groove. **Actual arrow length** and **draw length** are only the same if the end of the arrow shaft is even with the back of the bow at full draw.

- Once you have determined your **Correct Arrow Length** and **Calculated or Actual Peak Bow Weight**, you are ready to select your correct shaft size.
  - Compound bows: In the **Calculated Peak Bow Weight** column (left-hand side of the CHART) select the column with the type cam on your bow. Then locate your **Calculated Peak Bow Weight** in that column.
  - Recurve bows: In the **Draw Length** column (right-hand side of the CHART) locate your **Actual Peak Bow Weight** at your draw length.
- Move across that row horizontally to the column indicating your **Correct Arrow Length**. Note the letter in the box where your **Calculated or Actual Peak Bow Weight**, row and **Correct Arrow Length** column intersect. The "Star" box below the CHART with the same letter and number contains your recommended arrow sizes. Select an arrow from the chart depending on the shaft material, shaft weight and type of fletching you wish to using.

| Correct Arrow Length for Youth Target |
|---------------------------------------|
| 21" 22" 23" 24" 25" 26" 27"           |
| 16-20 lbs.                            |
| 20-24 lbs.                            |
| 24-28 lbs.                            |
| 28-32 lbs.                            |
| 32-36 lbs.                            |
| 36-40 lbs.                            |

| Group Y1   | Group Y2                               |
|--|--|
| Size Spine Model Weight Grains (lb/in) <td>Size Spine Model Weight Grains (lb/in)</td> | Size Spine Model Weight Grains (lb/in) |
| 1204 2.80 75 5.93 132  | 1413 2.69 75 5.94 132                  |

| Group Y3  | Group Y4                               |
|---|--|
| Size Spine Model Weight Grains (lb/in) <td>Size Spine Model Weight Grains (lb/in) </td> | Size Spine Model Weight Grains (lb/in) |
| 1413 2.69 75 5.93 132   | 2000 1.500 ACCC 4.72 137               |
| 1460 1.684 75 7.53 207  | 1612 1.233 87 5.84 169                 |
|   | 1416 1.884 75 7.15 207                 |

| Group Y5  | Group Y6                               |
|---|--|
| Size Spine Model Weight Grains (lb/in) <td>Size Spine Model Weight Grains (lb/in) </td> | Size Spine Model Weight Grains (lb/in) |
| 1204 2.80 75 5.93 132   | 2000 1.500 ACCC 4.72 137               |
| 1460 1.400 ACCI 4.86 141  | 3000 1.950 ACCC 5.47 159               |
| 1460 1.400 ACCI 4.86 141  | 3000 1.950 ACCC 5.47 159               |
| 1514 1.378 87 6.83 188  | 1614 1.480 75 7.34 211                 |
| 1413 1.904 87 6.87 182  | 1614 1.480 75 7.34 211                 |
| 1514 1.400 75 7.34 211  | 1614 1.480 75 7.34 211                 |

| Group Y7                               |
|--|
| Size Spine Model Weight Grains (lb/in) |
| 1800 1.800 ACCI 5.79 165               |
| 1900 1.800 ACCI 5.79 165               |
| 1900 1.800 ACCI 5.79 165               |
| 1900 1.800 ACCI 5.79 165               |
| 1900 1.800 ACCI 5.79 165               |
| 1900 1.800 ACCI 5.79 165               |
| 1900 1.800 ACCI 5.79 165               |
| 1900 1.800 ACCI 5.79 165               |
| 1900 1.800 ACCI 5.79 165               |
| 1900 1.800 ACCI 5.79 165               |

**Using the Target Arrow Selection Chart**

- Once you have determined your **Correct Arrow Length** and **Calculated or Actual Peak Bow Weight**, you are ready to select your correct shaft size.
  - Compound bows: In the **Calculated Peak Bow Weight** column (left-hand side of the CHART) select the column with the type cam on your bow. Then locate your **Calculated Peak Bow Weight** in that column.
  - Recurve bows: In the **Draw Length** column (right-hand side of the CHART) locate your **Actual Peak Bow Weight** at your draw length.
- Move across that row horizontally to the column indicating your **Correct Arrow Length**. Note the letter in the box where your **Calculated or Actual Peak Bow Weight**, row and **Correct Arrow Length** column intersect. The "Star" box below the CHART with the same letter and number contains your recommended arrow sizes. Select an arrow from the chart depending on the shaft material, shaft weight and type of fletching you wish to using.

| Compound Bow - Release Aid |            | Compound Bow - Bow Cam |            | Correct Arrow Length for Target - Field • 3-D |            |            |            |            |            |            |            |            |            |            |            | Recurve Bow |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |               |
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| 21"                        | 22"        | 23"                    | 24"        | 25"   | 26"        | 27"        | 28"        | 29"        | 30"        | 31"        | 32"        | 33"        | 34"        | 35"        | 36"        | 37"         | 38"          | 39"          | 40"          | 41"          | 42"          | 43"          | 44"          | 45"          | 46"          | 47"          | 48"          | 49"          | 50"          | 51"          | 52"          | 53"          | 54"          | 55"          | 56"          | 57"          | 58"          | 59"          | 60"          | 61"          | 62"          | 63"          | 64"          | 65"          | 66"          | 67"          | 68"          | 69"          | 70"          | 71"          | 72"          | 73"          | 74"          | 75"          | 76"          | 77"          | 78"          | 79"          | 80"          | 81"          | 82"          | 83"          | 84"          | 85"          | 86"          | 87"          | 88"          | 89"          | 90"          | 91"          | 92"          | 93"          | 94"          | 95"          | 96"          | 97"          | 98"          | 99"          | 100"         |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |               |
| 20-24 lbs.                 | 24-28 lbs. | 28-32 lbs.             | 32-36 lbs. | 36-40 lbs.                                    | 40-45 lbs. | 45-50 lbs. | 50-55 lbs. | 55-60 lbs. | 60-65 lbs. | 65-70 lbs. | 70-75 lbs. | 75-80 lbs. | 80-85 lbs. | 85-90 lbs. | 90-95 lbs. | 95-100 lbs. | 100-105 lbs. | 105-110 lbs. | 110-115 lbs. | 115-120 lbs. | 120-125 lbs. | 125-130 lbs. | 130-135 lbs. | 135-140 lbs. | 140-145 lbs. | 145-150 lbs. | 150-155 lbs. | 155-160 lbs. | 160-165 lbs. | 165-170 lbs. | 170-175 lbs. | 175-180 lbs. | 180-185 lbs. | 185-190 lbs. | 190-195 lbs. | 195-200 lbs. | 200-205 lbs. | 205-210 lbs. | 210-215 lbs. | 215-220 lbs. | 220-225 lbs. | 225-230 lbs. | 230-235 lbs. | 235-240 lbs. | 240-245 lbs. | 245-250 lbs. | 250-255 lbs. | 255-260 lbs. | 260-265 lbs. | 265-270 lbs. | 270-275 lbs. | 275-280 lbs. | 280-285 lbs. | 285-290 lbs. | 290-295 lbs. | 295-300 lbs. | 300-305 lbs. | 305-310 lbs. | 310-315 lbs. | 315-320 lbs. | 320-325 lbs. | 325-330 lbs. | 330-335 lbs. | 335-340 lbs. | 340-345 lbs. | 345-350 lbs. | 350-355 lbs. | 355-360 lbs. | 360-365 lbs. | 365-370 lbs. | 370-375 lbs. | 375-380 lbs. | 380-385 lbs. | 385-390 lbs. | 390-395 lbs. | 395-400 lbs. | 400-405 lbs. | 405-410 lbs. | 410-415 lbs. | 415-420 lbs. | 420-425 lbs. | 425-430 lbs. | 430-435 lbs. | 435-440 lbs. | 440-445 lbs. | 445-450 lbs. | 450-455 lbs. | 455-460 lbs. | 460-465 lbs. | 465-470 lbs. | 470-475 lbs. | 475-480 lbs. | 480-485 lbs. | 485-490 lbs. | 490-495 lbs. | 495-500 lbs. | 500-505 lbs. | 505-510 lbs. | 510-515 lbs. | 515-520 lbs. | 520-525 lbs. | 525-530 lbs. | 530-535 lbs. | 535-540 lbs. | 540-545 lbs. | 545-550 lbs. | 550-555 lbs. | 555-560 lbs. | 560-565 lbs. | 565-570 lbs. | 570-575 lbs. | 575-580 lbs. | 580-585 lbs. | 585-590 lbs. | 590-595 lbs. | 595-600 lbs. | 600-605 lbs. | 605-610 lbs. | 610-615 lbs. | 615-620 lbs. | 620-625 lbs. | 625-630 lbs. | 630-635 lbs. | 635-640 lbs. | 640-645 lbs. | 645-650 lbs. | 650-655 lbs. | 655-660 lbs. | 660-665 lbs. | 665-670 lbs. | 670-675 lbs. | 675-680 lbs. | 680-685 lbs. | 685-690 lbs. | 690-695 lbs. | 695-700 lbs. | 700-705 lbs. | 705-710 lbs. | 710-715 lbs. | 715-720 lbs. | 720-725 lbs. | 725-730 lbs. | 730-735 lbs. | 735-740 lbs. | 740-745 lbs. | 745-750 lbs. | 750-755 lbs. | 755-760 lbs. | 760-765 lbs. | 765-770 lbs. | 770-775 lbs. | 775-780 lbs. | 780-785 lbs. | 785-790 lbs. | 790-795 lbs. | 795-800 lbs. | 800-805 lbs. | 805-810 lbs. | 810-815 lbs. | 815-820 lbs. | 820-825 lbs. | 825-830 lbs. | 830-835 lbs. | 835-840 lbs. | 840-845 lbs. | 845-850 lbs. | 850-855 lbs. | 855-860 lbs. | 860-865 lbs. | 865-870 lbs. | 870-875 lbs. | 875-880 lbs. | 880-885 lbs. | 885-890 lbs. | 890-895 lbs. | 895-900 lbs. | 900-905 lbs. | 905-910 lbs. | 910-915 lbs. | 915-920 lbs. | 920-925 lbs. | 925-930 lbs. | 930-935 lbs. | 935-940 lbs. | 940-945 lbs. | 945-950 lbs. | 950-955 lbs. | 955-960 lbs. | 960-965 lbs. | 965-970 lbs. | 970-975 lbs. | 975-980 lbs. | 980-985 lbs. | 985-990 lbs. | 990-995 lbs. | 995-1000 lbs. |

| Group T1                               | Group T2                               | Group T3                               | Group T4                               |
|--|--|--|--|
| Size Spine Model Weight Grains (lb/in) | Size Spine Model Weight Grains (lb/in) | Size Spine Model Weight Grains (lb/in) | Size Spine Model Weight Grains (lb/in) |
| 1204 2.80 75 5.93 132                  | 1413 2.69 75 5.94 132                  | 1612 1.233 87 5.84 169                 | 1800 1.800 ACCI 5.79 165               |

| Group T5                               | Group T6                               | Group T7                               | Group T8                               |
|--|--|--|--|
| Size Spine Model Weight Grains (lb/in) | Size Spine Model Weight Grains (lb/in) | Size Spine Model Weight Grains (lb/in) | Size Spine Model Weight Grains (lb/in) |
| 1900 1.800 ACCI 5.79 165               | 2000 1.500 ACCC 4.72 137               | 2100 1.300 ACCI 4.61 144               | 2200 1.200 ACCI 4.40 154               |

| Group T9                               | Group T10                              | Group T11                              | Group T12                              |
|--|--|--|--|
| Size Spine Model Weight Grains (lb/in) | Size Spine Model Weight Grains (lb/in) | Size Spine Model Weight Grains (lb/in) | Size Spine Model Weight Grains (lb/in) |
| 2300 1.300 ACCI 4.61 144               | 2400 1.200 ACCI 4.40 154               | 2500 1.100 ACCI 4.19 164               | 2600 1.000 ACCI 3.98 174               |

| Group T13                              | Group T14                              |
|--|--|
| Size Spine Model Weight Grains (lb/in) | Size Spine Model Weight Grains (lb/in) |
| 2700 1.000 ACCI 3.98 174               | 2800 0.900 ACCI 3.77 184               |

\*When two sizes are listed together, the weight listed is for the first shaft.