

70" bow | Arrow Spec — 55lb bow at 32³/₄" Draw

Bow Summary

Spec	Value
Bow	Galaxy Black Ridge 70" Longbow
Rated draw weight	55lb (at 28" baseline)
True draw length (AMO)	32³/₄" (32" measured + 1 ³ / ₄ " AMO standard)
Effective draw weight at 32 ³ / ₄ "	~ 64-65lb (+2lb per inch × 4.75" over 28" baseline)

Arrow Requirements

Spec	Value	Why
Spine	400 (stiff end) or 340	At ~65lb effective, 400 is borderline — 340 is the safer spine choice depending on brand chart
Arrow length	33" minimum	At 32 ³ / ₄ " AMO draw, a 32" arrow does not clear the riser safely at full draw — 33" gives minimum safe clearance
Material	Carbon	Carbon Express Predator line specifically recommended by real Black Ridge owner
Point weight	100-125gr	Heavier point suits longbow efficiency — real owner confirmed 125gr
Total arrow weight	520-650 grains	8-10 GPP × ~65lb effective draw weight
Minimum arrow weight	520 grains floor	Never go below 8 GPP on this bow
Straightness	.006 or better	Standard for carbon at this weight class

Do NOT Buy These

What	Why
500 spine	Too weak/flexible for ~65lb effective — poor flight, inconsistent
32" arrows or shorter	Too short — point pulls back behind rest at full draw (safety risk at 32 ³ / ₄ " draw)
Arrows rated "20-50lb"	Your ~65lb effective draw is outside their stated safe range
Fiberglass arrows	Not rated for this draw weight — risk of shattering

Draw Length Reference

Measurement	Value
Physical measured draw	32"
AMO standard adjustment	+1 ³ / ₄ "
True AMO draw length	32³/₄"
Inches over 28" baseline	4.75"
Draw weight adjustment	+9.5lb
Effective draw weight	~64-65lb

Based on real owner data from Archery Talk forum + corrected AMO draw length of 32³/₄". Previous estimates used 31" — all numbers updated to reflect the correct measurement.

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