

**.50 Beowulf® 16” Alexander Arms® Barrel**  
**400gr Hawk Flat Point Alexander Arms® Ammunition**  
**Moose Maximum Point Blank Range Zero (19” Vital Zone)**  
**Maximum PBR: 240 yd Maximum PBR Zero: 206 yd**

Muzzle Velocity: 1629 ft/s  
Ballistic Coefficient: 0.202 G1  
Caliber: .500 in  
Bullet Weight: 400 gr  
Sight Height: 2.65 in  
Wind Speed: 10 mph at 90 deg Target Speed: 10 mph at 90 deg  
Temperature: 59 °F Pressure: 29.92 in Hg  
Vital Zone Radius: 9.5 in (moose-size target)  
Energy at Maximum PBR: 990 ft-lbs  
Sectional Density: .229 lb/in<sup>2</sup>



.50 Beowulf® • 400gr Hawk FP Alexander Arms® Ammunition • 240 yd MPB range • 16” AA Barrel										
Range (yd)	Drop (in)	Drop (MOA)	Windage (in)	Windage (MOA)	Velocity (ft/s)	Mach (none)	Energy (ft-lbs)	Time (s)	Lead (in)	Lead (MOA)
0	-2.6	***	0.0	***	1629	1.459	2356.5	0.000	0.0	***
50	5.3	10.1	0.9	1.6	1470.3	1.317	1919.8	0.097	17.1	32.6
100	9.2	8.8	3.5	3.4	1329.4	1.191	1569.5	0.204	36.0	34.3
150	8.2	5.2	8.2	5.2	1209.8	1.084	1299.8	0.323	56.8	36.2
200	1.3	0.6	14.7	7.0	1114.8	0.999	1103.6	0.452	79.6	38.0
250	-12.6	-4.8	23.1	8.8	1043.0	0.934	966.1	0.591	104.1	39.8
300	-34.6	-11.0	32.9	10.5	987.6	0.885	866.1	0.739	130.1	41.4
350	-65.4	-17.8	44.1	12.0	942.4	0.844	788.6	0.895	157.5	43.0
400	-106.0	-25.3	56.5	13.5	903.6	0.809	725.1	1.058	186.1	44.4
450	-157.2	-33.4	70.1	14.9	869.2	0.779	670.9	1.227	216.0	45.8
500	-220.0	-42.0	84.8	16.2	838.0	0.751	623.7	1.403	246.9	47.2
550	-295.1	-51.2	100.7	17.5	809.3	0.725	581.6	1.585	279.0	48.4
600	-383.5	-61.0	117.7	18.7	782.5	0.701	543.7	1.774	312.2	49.7
650	-486.2	-71.4	135.9	20.0	757.1	0.678	509.1	1.969	346.6	50.9
700	-604.1	-82.4	155.2	21.2	733.0	0.657	477.2	2.171	382.1	52.1
750	-738.2	-94.0	175.7	22.4	710.1	0.636	447.7	2.380	418.8	53.3
800	-889.7	-106.2	197.4	23.6	688.2	0.616	420.6	2.595	456.7	54.5
850	-1059.7	-119.1	220.3	24.8	667.3	0.598	395.5	2.817	495.8	55.7
900	-1249.4	-132.6	244.5	25.9	647.3	0.580	372.1	3.047	536.2	56.9

950	-1460.1	-146.8	270.0	27.1	628.1	0.563	350.3	3.284	577.9	58.1
1000	-1693.2	-161.7	296.8	28.3	609.6	0.546	330.0	3.528	621.0	59.3