

**.50 Beowulf® 16” AA Factory Barrel**  
**300gr FTX Alexander Arms® Ammunition**  
**Moose Maximum Point Blank Range Zero (19” Vital Zone)**  
**Maximum PBR: 258 yd Maximum PBR Zero: 221 yd**

Muzzle Velocity: 1793 ft/s  
Ballistic Coefficient: .200 G1



.50 Beowulf® • 300 gr FTX Alexander Arms® Ammunition • 258 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	***	1793.0	1.606	2141.2	0.000	0.0	***
50	4.8	9.1	0.8	1.5	1618.5	1.450	1744.7	0.088	15.5	29.6
100	8.9	8.5	3.2	3.1	1459.4	1.307	1418.5	0.186	32.7	31.2
150	8.9	5.6	7.6	4.8	1318.7	1.181	1158.1	0.294	51.7	32.9
200	3.8	1.8	13.8	6.6	1199.9	1.075	959	0.413	72.7	34.7
250	-7.2	-2.8	22.1	8.4	1106.4	0.991	815.4	0.544	95.7	36.6
300	-25.3	-8.1	32.0	10.2	1036.1	0.928	715.0	0.684	120.4	38.3
350	-51.6	-14.1	43.5	11.9	981.6	0.879	641.8	0.833	146.6	40.0
400	-86.8	-20.7	56.3	13.5	936.9	0.839	584.7	0.989	174.1	41.6
450	-131.9	-28.0	70.4	14.9	898.5	0.805	537.6	1.153	202.9	43.1
500	-187.8	-35.9	85.7	16.4	864.3	0.774	497.5	1.323	232.9	44.5
550	-255.4	-44.3	102.1	17.7	833.2	0.746	462.4	1.500	264.1	45.8
600	-335.5	-53.4	119.7	19.0	804.6	0.721	431.1	1.684	296.3	47.2
650	-429.0	-63.0	138.4	20.3	777.8	0.697	402.9	1.874	329.8	48.4
700	-537.0	-73.3	158.2	21.6	752.4	0.674	377.1	2.070	364.3	49.7
750	-660.4	-84.1	179.2	22.8	728.3	0.652	353.3	2.273	400.1	50.9

800	-800.2	-95.5	201.5	24.0	705.4	0.632	331.4	2.483	437.0	52.2
850	-957.6	-107.6	224.9	25.3	683.5	0.612	311.1	2.700	475.2	53.4
900	-1133.8	-120.3	249.6	26.5	662.6	0.594	292.4	2.924	514.6	54.6

Caliber: .500 in

Bullet Weight: 300 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-sized animals)

Energy at Maximum PBR: 796.8 ft-lbs

Sectional Density: .171 lb/in<sup>2</sup>

950	-1330.0	-133.7	275.6	27.7	642.6	0.576	275.0	3.155	555.3	55.8
1000	-1547.5	-147.8	302.9	28.9	623.4	0.558	258.8	3.394	597.4	57.0