

Ballistic Performance Comparison

6.8 x 45 UCC 16" Barrel * VS * 300 BLACK OUT 16" Barrel

Yards	ENERGY (Foot Pounds)		VELOCITY (Feet per Second)	
	6.8 x 45 UCC	300 BO	6.8 X 45 UCC	300 BO
Muzzle	1596	1384	2500	2380
50	1456	1235	2388	2248
100	1326	1098	2279	2120
150	1205	974	2172	1997
200	1093	861	2069	1878
250	989	760	1968	1764
300	894	669	1871	1655
350	806	589	1777	1552
400	726	518	1686	1456
450	653	457	1599	1367
500	588	404	1517	1287

Yards	BULLET PATH (drop in Inches) Zeroed range – 100 yards		WIND DRIFT (Inches) 3 o'clock wind @ 5 MPH	
	6.8 X 45 UCC	300 BO	6.8 X 45 UCC	300 BO
50	0.01	0.11	.12	.16
100	0.00	0.00	.50	.66
150	-1.69	-2.05	1.15	1.53
200	-5.21	-6.27	2.10	2.80
250	-10.78	-12.97	3.36	4.51
300	-18.58	-22.46	4.96	6.69
350	-28.87	-35.13	6.92	9.38
400	-41.92	-51.41	9.27	12.62
450	-58.02	-71.80	12.03	16.43
500	-77.53	-96.83	15.23	20.85

Conditions: Altitude 2000' feet ASL, Temp 75 degrees, Humidity 15%, Pressure 29.85 Hg.
Load: 6.8 x 45-mm UCC: Nosler 115 grain BTHP-OTM, G1 BC: 0.352
Load: 300 Black Out: Hornady 110 grain V-Max, G1 BC: .290 (Hodgdon website load data)

Data calculated on Oehler's Ballistic Explorer Program

