

Target Charge Weight (gr)	Bullet	Shots Per Group	Average Velocity (Prometheus/ATV3)	SD (Prometheus/ATV3)	ES (Prometheus/ATV3)	Group Size (MOA, Prometheus/ATV3)	Notes	
28.1	105 Hybrid	10	2648/2614	18.5/16.8	47/41	0.82/0.76	Testing performed indoors at 100 yards from a fixed rest though a 737R with 28" Krieger 4-groove barrel and TBAC Ultra 9 Suppressor	
28.4	105 Hybrid	10	2694/2659	13.6/14.3	34/38	0.74/0.86	Firing pattern was alternating shots from Prometheus, then ATV3, repeating until 10 rounds from each at each charge weight were fired	
28.7	105 Hybrid	10	2740/2715	8.3/7.2	20/18	0.58/0.47	Special attention was paid to dwell time of the cartridge in the chamber prior to firing, such as to keep it both short and consistent	
29	105 Hybrid	10	2774/2746	6.3/6.1	16/20	0.41/0.52	After all rounds of a given charge weight were fired, the barrel was allowed to cool using a fan before beginning the next charge weight's testing	
29.3	105 Hybrid	10	2811/2794	5.2/6.2	14/16	0.38/0.44	All velocities were measured using a LabRadar chronograph	
29.6	105 Hybrid	10	2844/2816	7.8/4.8	19/13	0.69/0.39		
29.9	105 Hybrid	10	2862/2838	5.5/7.0	15/18	0.51/0.60	Ammo was loaded using a Forster Co-Ax press and Forster dies (custom-honed sizing die and micrometer seater)	
30.2	105 Hybrid	10	2898/2875	8.8/6.5	22/16	0.56/0.57	All brass used in testing was Lapua 6BR that was previously once fired in the same rifle used for the test (action, barrel, chamber)	
30.5	105 Hybrid	10	2926/2902	12.9/11.4	29/25	0.47/0.52	All brass preparation and ammo loading was performed the evening before the test took place	
							CBTO was measured on every round loaded with a target jump of 0.040", variance was held to +/- 0.002" with outliers discarded from testing rather than re-seated	
				Average Prometheus SD	Average Prometheus ES	Average Prometheus Group Size	Seating pressure was also monitored, with outliers (too heavy or light) discarded from testing	
				9.66	24	0.57	All rounds were loaded with the same lot of Varget stabilized to local humidity levels prior to long-term storage, metered out 30-50 rounds at a time to avoid extended exposure	
				Average ATV3 SD	Average ATV3 ES	Average ATV3 Group Size	All rounds were loaded using CCI BR-4 small rifle primers, seating to a light crush of the anvil	
				9.14	22.78	0.57		
							There was no discernable zero shift between rounds loaded with different powder measures traveling at comparable muzzle velocities	
							The loads with velocities less than 2700fps seemed to lack sufficient case fill for consistent ignition	