

Bullet Index:	Nose Profile:	Designer:	Load Notes For:	Bullet Notes:
310-180	RF	RDO	308 Win	NOE Group Buy

Pressure Data Generated for Min OAL	Cartridge Data							Bullet Data										
	Brass Length		Cartridge OAL		Primer	Pressure Limits		Top Band	Wgt (grns)		Length w/draft		Nose		Ballistics		Gas Check #	
	Min	Max	Min	Max	Large Rifle	NMP	Pmax		GC	PB	GC	PB	length	Draft	BC	SD	Gator	Hornady
	2.010	2.015	2.654	2.690	Rifle	42.7	48.0	.310	178	174	.966	.949	.638	.006	.262	.262	208284	7070

This data is based on a 22" barrel. Pressure does not change, only velocity!				
Barrel Length (inches)	16	18	20	24
Velocity Adjustment (%) Estimate	93%	95%	98%	102%

Load Notes:	
Powders & charges updated	

Revision:	3
Date:	03/30/15

Notes for NOE's and RDO's use only! ~ Any other use is at your own risk! ~ Start loads at least 10% below Max!
[Read Pressure Notes for alloy treatment and pressure selections!](#)

Minimum Barrel Length is based on the referenced powder's ability to burn at least 80% of the charge before the bullet leaves the muzzle.

Powder	Min Barrel Length	25K PSI				30K PSI				35K PSI				Pmax				
		Grains	Case %	Burn %	FPS	Grains	Case %	Burn %	FPS	Grains	Case %	Burn %	FPS	Grains	Case %	Burn %	FPS	KPSI
Accurate 2015	16	28.5	65	97	1887	30.7	70	99	2013	32.6	74	100	2123	36.7	83	100	2341	42.7
Accurate 2230	16	31.4	63	91	1891	33.7	68	94	2023	35.7	72	96	2137	39.8	80	99	2369	42.7
Accurate 2460	16	32.1	65	91	1900	34.4	69	94	2032	36.4	74	96	2147	40.6	82	99	2381	42.7
Accurate 2495	16	31.8	71	97	1954	33.9	75	99	2084	35.8	80	100	2195	39.7	88	100	2416	42.7
Accurate 2520	16	33.5	69	92	1942	35.8	74	95	2073	37.8	78	97	2188	41.9	86	100	2419	42.7
Accurate 2700	16					38.2	79	83	1973	40.3	84	86	2089	44.7	93	91	2327	42.7
Accurate 4064	16	33.8	75	94	1953	36.0	80	96	2084	38.0	84	98	2199	42.1	94	100	2428	42.7
Accurate 4350	16	38.8	84	85	1982	41.1	89	89	2120	43.0	93	92	2239	46.9	102	96	2478	42.7
Alliant AR-Comp	16	30.2	68	99	1961	32.4	73	100	2087	34.3	77	100	2194	38.2	86	100	2401	42.7
Alliant Reloder-10x	16	26.8	62	98	1888	29.0	67	99	2015	30.9	71	100	2125	34.9	80	100	2345	42.7
Alliant Reloder-15	16	32.9	72	86	1922	35.3	77	90	2058	37.3	81	93	2178	41.6	90	97	2424	42.7
Alliant Reloder-17	16	37.6	78	85	1966	40.1	83	90	2114	42.3	88	93	2245	46.7	97	98	2507	42.7
Alliant Reloder-19	16									44.0	96	83	2177	48.3	105	89	2422	42.1
Alliant Reloder-22	16									46.9	101	83	2210	48.9	105	86	2325	35.8
Alliant Reloder-25	18					46.6	102	82	2076	48.1	105	85	2165	48.1	105	85	2165	29.6
Alliant Reloder-7	16	25.2	57	98	1843	27.4	61	99	1969	29.3	66	100	2077					
Hodgdon Benchmark	16	29.1	64	91	1853	31.4	69	94	1986	33.5	74	96	2103	37.9	84	99	2340	42.7
Hodgdon BL-C2	16	34.5	69	89	1945	36.9	73	93	2079	39.0	78	95	2196	43.2	86	98	2435	42.7
Hodgdon CFE223	16	34.9	68	87	1942	37.4	73	91	2082	39.6	77	94	2205	43.9	86	98	2450	42.7
Hodgdon H322	16	28.9	65	94	1910	31.1	70	97	2041	33.1	74	99	2154	37.2	83	100	2383	42.7
Hodgdon H335	16	31.0	62	93	1913	33.3	66	96	2044	35.3	70	98	2159	39.6	79	100	2392	42.7
Hodgdon H380	16	34.7	74	84	1915	37.1	79	88	2051	39.2	83	91	2170	43.4	92	95	2414	42.7
Hodgdon H414	16					40.0	82	83	2076	42.2	87	87	2201	46.6	96	92	2457	42.7
Hodgdon H4198	16	24.8	57	94	1820	27.0	62	97	1951	28.9	67	98	2064					
Hodgdon H4350	16					39.2	87	82	2023	41.4	92	86	2144	45.9	102	91	2392	42.7
Hodgdon H4831	20													47.0	105	82	2239	35.5
Hodgdon H4831 SC	18													48.9	105	85	2349	40.7
Hodgdon H4895	16	31.2	68	88	1909	33.6	73	92	2046	35.6	77	94	2165	39.9	87	98	2410	42.7
Hodgdon Hybrid 100V	16	37.4	84	87	1937	39.9	90	91	2078	42.0	94	94	2200	46.3	104	98	2445	42.7
Hodgdon VARGET	16	32.2	72	86	1888	34.6	78	90	2023	36.7	82	92	2141	41.1	92	97	2384	42.7
IMR 3031	16	30.7	71	96	1962	32.9	77	98	2095	34.9	81	99	2209	38.9	90	100	2433	42.7
IMR 4007 SSC	16					37.1	79	83	2005	39.2	84	86	2124	43.5	93	92	2369	42.7
IMR 4064	16	31.7	73	87	1886	34.0	78	90	2020	36.1	83	93	2139	40.4	93	97	2380	42.7
IMR 4198	16	24.6	60	99	1856	26.7	65	100	1980	28.6	69	100	2087	32.6	79	100	2301	42.7
IMR 4320	16	32.9	73	86	1907	35.3	78	90	2044	37.4	83	93	2165	41.8	92	97	2410	42.7
IMR 4350	16					39.1	85	83	2024	41.3	90	86	2145	45.8	100	91	2392	42.7
IMR 4831	16	38.3	87	85	1956	40.7	92	89	2096	42.8	97	91	2217	46.3	105	95	2415	40.3
IMR 4895	16	32.7	71	87	1934	35.0	76	91	2069	37.0	80	93	2190	41.3	90	98	2435	42.7
IMR 7828 SSC	18													49.6	105	84	2359	39.3
IMR 8208 XBR	16	30.4	66	89	1886	32.8	71	93	2020	34.8	76	95	2139	39.2	85	98	2379	42.7
Norma 200	16	26.7	59	98	1877	28.8	64	100	2002	30.7	68	100	2111					
Norma 201	16	31.1	69	90	1892	33.5	74	93	2027	35.5	79	95	2144	39.7	88	99	2383	42.7
Norma 202	16	31.1	69	93	1914	33.4	74	96	2046	35.4	78	98	2160	39.7	88	100	2392	42.7
Norma 203B	16	33.2	72	87	1929	35.5	77	91	2064	37.6	82	93	2183	41.9	91	97	2427	42.7
Norma 204	16									43.1	91	83	2161	47.5	100	89	2414	42.7
Norma MRP	16					45.6	95	80	2100	47.8	100	84	2234	50.4	105	89	2393	37.5
Norma URP	16	37.1	82	84	1950	39.6	87	88	2093	41.8	92	91	2216	46.1	101	96	2467	42.7
Ramshot Big Game	16	35.4	72	86	1937	38.0	77	90	2078	40.1	82	93	2200	44.5	91	97	2447	42.7
Ramshot Hunter	16					41.5	87	84	2078	43.7	92	88	2204	48.2	101	93	2462	42.7
Ramshot Magnum	18									51.0	102	81	2155	52.6	105	84	2257	35.3
Ramshot TAC	16	32.5	65	87	1902	34.9	70	91	2036	37.0	75	93	2155	41.4	83	97	2398	42.7
Ramshot Wild Boar	16	33.2	68	87	1915	35.6	72	91	2050	37.8	77	93	2169	42.1	86	97	2411	42.7
Ramshot X-Terminator	16	29.5	60	94	1890	31.8	65	97	2021	33.9	69	98	2136					
Vihtavuori N120	16	24.5	58	100	1838	26.6	63	100	1953	28.4	68	100	2051					
Vihtavuori N130	16	27.3	63	98	1855	29.5	68	99	1979	31.4	73	100	2087	35.6	83	100	2303	42.7
Vihtavuori N133	16	28.7	68	96	1868	31.0	74	98	1993	33.0	78	100	2102	37.2	88	100	2319	42.7
Vihtavuori N135	16	31.9	76	96	1932	34.1	82	98	2057	36.0	86	99	2166	40.1	96	100	2384	42.7
Vihtavuori N140	16	31.8	71	94	1907	34.2	76	96	2035	36.2	80	98	2147	40.5	90	100	2374	42.7
Vihtavuori N150	16	34.9	80	90	1920	37.2	86	94	2050	39.2	90	96	2164	43.4	100	99	2393	42.7
Vihtavuori N160	18									44.4	101	81	2122	46.3	105	84	2230	35.8
Vihtavuori N165	16					44.5	98	81	2034	46.7	103	84	2155	47.8	105	86	2218	33.8
Vihtavuori N530	16	30.2	65	90	1897	32.5	70	93	2031	34.5	75	95	2149	38.7	84	99	2388	42.7
Vihtavuori N540	16	33.1	71	93	1921	35.4	76	96	2050	37.5	81	98	2165	41.9	90			