

Bullet Index: 310-165	Nose Profile: RF	Designer: RDO	Load Notes For: 300 Sav	Bullet Notes: NOE Group Buy
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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
	1.866	1.871	2.512	2.548	Rifle	42.7	48.0	.310	165	161	.883	.866	.640	.006	.243	.243	308284	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%	96%	98%	102%

Load Notes: Powders & charges updated
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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				
		Length	Grains	Case %	Burn %	FPS	Grains	Case %	Burn %	FPS	Grains	Case %	Burn %	FPS	Grains	Case %	Burn %	FPS
Accurate 2015	16	28.7	68	96	1952	30.9	73	98	2083	32.8	77	99	2197	36.7	86	100	2423	42.7
Accurate 2230	16	31.6	66	89	1951	33.8	70	92	2086	35.8	74	95	2204	39.8	83	98	2443	42.7
Accurate 2460	16	32.4	68	89	1962	34.6	72	93	2097	36.6	77	95	2216	40.6	85	98	2455	42.7
Accurate 2495	16	32.2	74	95	2025	34.3	79	98	2159	36.1	83	99	2273	39.8	92	100	2502	42.7
Accurate 2520	16	33.8	72	90	2007	36.0	77	94	2142	38.0	81	96	2260	42.0	90	99	2498	42.7
Accurate 2700	16					38.2	82	81	2025	40.3	87	84	2143	44.5	96	89	2385	42.7
Accurate 4064	16	34.2	79	92	2020	36.4	84	95	2156	38.3	88	97	2274	42.3	97	100	2510	42.7
Accurate 4350	16	39.0	88	82	2037	41.3	93	86	2180	43.2	97	90	2304	46.6	105	94	2529	41.5
Alliant AR-Comp	16	30.5	71	98	2027	32.6	76	100	2161	34.5	80	100	2273	38.4	89	100	2492	42.7
Alliant Reloder-10x	16	27.0	65	97	1954	29.1	70	98	2085	31.0	74	100	2199	34.9	83	100	2428	42.7
Alliant Reloder-15	16	33.2	75	84	1982	35.4	80	88	2121	37.5	84	91	2244	41.6	94	96	2496	42.7
Alliant Reloder-17	16	37.6	81	83	2010	40.1	86	87	2163	42.3	91	91	2297	46.5	100	96	2569	42.7
Alliant Reloder-19	18									43.9	99	81	2224	46.6	105	85	2387	37.9
Alliant Reloder-22	22													47.1	105	80	2275	32.0
Alliant Reloder-7	16	25.4	59	97	1907	27.5	64	99	2037	29.3	68	100	2149					
Hodgdon Benchmark	16	29.2	67	89	1909	31.5	72	92	2046	33.5	77	94	2166	37.8	86	98	2410	42.7
Hodgdon BL-C2	16	34.8	72	87	2004	37.1	77	91	2144	39.1	81	93	2266	43.2	89	97	2510	42.7
Hodgdon CFE223	16	35.0	71	85	1996	37.5	76	89	2140	39.6	80	92	2266	43.9	89	97	2522	42.7
Hodgdon H322	16	29.1	68	93	1972	31.3	73	96	2108	33.2	77	98	2226	37.2	86	100	2463	42.7
Hodgdon H335	16	31.2	64	91	1975	33.4	69	94	2111	35.4	73	97	2229	39.6	82	99	2469	42.7
Hodgdon H380	16	35.0	77	82	1974	37.2	82	86	2112	39.3	87	89	2233	43.3	96	94	2482	42.7
Hodgdon H414	16					40.1	85	81	2127	42.2	90	84	2256	46.5	99	90	2518	42.7
Hodgdon H4198	16	24.9	60	93	1878	27.0	65	95	2011	28.9	69	97	2129	32.9	79	100	2367	42.7
Hodgdon H4350	16					39.1	90	80	2074	41.3	95	83	2198	45.6	105	89	2447	42.5
Hodgdon H4895	16	31.4	71	86	1969	33.7	76	90	2109	35.7	80	93	2232	39.9	90	97	2483	42.7
Hodgdon Hybrid 100V	16	37.5	87	84	1984	39.9	93	88	2129	42.0	98	91	2255	45.1	105	95	2444	39.4
Hodgdon VARGET	16	32.3	75	84	1943	34.6	81	88	2081	36.7	86	90	2204	40.9	95	95	2452	42.7
IMR 3031	16	31.0	75	94	2025	33.2	80	97	2165	35.1	85	98	2284	39.0	94	100	2519	42.7
IMR 4007 SSC	16					37.1	82	81	2060	39.2	87	84	2182	43.3	96	90	2430	42.7
IMR 4064	16	31.9	76	85	1945	34.1	81	88	2081	36.2	86	91	2201	40.3	96	96	2449	42.7
IMR 4198	16	24.7	62	98	1919	26.8	67	99	2049	28.7	72	100	2161	32.6	82	100	2383	42.7
IMR 4320	16	32.9	75	84	1958	35.3	81	88	2099	37.4	86	91	2224	41.6	95	96	2477	42.7
IMR 4350	16					39.0	88	80	2074	41.2	93	84	2198	45.6	103	90	2452	42.7
IMR 4831	16	38.4	90	82	2007	40.8	96	86	2151	42.9	101	89	2277	44.6	105	92	2383	35.6
IMR 4895	16	32.9	74	85	1995	35.2	79	89	2134	37.2	84	92	2257	41.3	93	96	2509	42.7
IMR 8208 XBR	16	30.6	69	88	1945	32.9	74	91	2083	34.9	79	93	2204	39.1	88	97	2451	42.7
Norma 200	16	26.9	62	97	1943	29.0	67	99	2074	30.9	71	100	2186	34.8	80	100	2411	42.7
Norma 201	16	31.3	72	88	1951	33.6	77	91	2089	35.6	82	94	2210	39.7	91	98	2455	42.7
Norma 202	16	31.4	72	92	1977	33.6	77	95	2112	35.6	81	97	2230	39.7	91	99	2469	42.7
Norma 203B	16	33.4	75	85	1989	35.7	80	89	2128	37.7	85	92	2250	41.9	94	96	2500	42.7
Norma 204	16									42.9	94	80	2209	47.2	103	87	2467	42.7
Norma MRP	20									47.7	103	81	2274	48.6	105	83	2336	33.5
Norma URP	16	37.3	85	81	2000	39.7	90	86	2146	41.8	95	89	2274	46.0	105	94	2533	42.7
Ramshot Big Game	16	35.6	75	84	1988	38.0	80	88	2133	40.1	85	91	2260	44.5	94	96	2516	42.7
Ramshot Hunter	16					41.4	90	82	2127	43.6	95	85	2256	48.0	105	91	2520	42.7
Ramshot TAC	16	32.7	68	85	1961	35.0	73	89	2099	37.1	77	92	2220	41.3	86	96	2469	42.7
Ramshot Wild Boar	16	33.4	70	85	1971	35.8	75	89	2111	37.8	80	92	2234	42.1	89	96	2483	42.7
Ramshot X-Terminator	16	29.7	63	93	1952	32.0	67	95	2088	34.0	72	97	2205	38.1	81	100	2444	42.7
Vihtavuori N120	16	24.7	61	100	1908	26.7	66	100	2027	28.5	70	100	2129	32.4	80	100	2336	42.7
Vihtavuori N130	16	27.4	66	96	1917	29.6	71	98	2046	31.5	76	99	2158	35.6	86	100	2383	42.7
Vihtavuori N133	16	28.9	71	95	1932	31.1	77	97	2060	33.1	81	99	2173	37.1	91	100	2398	42.7
Vihtavuori N135	16	32.2	80	95	1998	34.3	85	97	2129	36.2	90	99	2241	40.2	100	100	2466	42.7
Vihtavuori N140	16	32.1	74	92	1969	34.3	79	95	2102	36.3	83	97	2217	40.4	93	100	2450	42.7
Vihtavuori N150	16	35.0	84	89	1978	37.3	89	92	2114	39.3	94	94	2231	43.4	104	98	2466	42.7
Vihtavuori N165	22									46.1	105	81	2176	46.1	105	81	2176	30.3
Vihtavuori N530	16	30.4	68	88	1956	32.6	73	91	2095	34.6	77	94	2215	38.6	87	98	2461	42.7
Vihtavuori N540	16	33.3	74	91	1982	35.6	79	94	2117	37.6	84	96	2234	41.8	93	99	2472	42.7
Vihtavuori N550	16	37.3	82	82	2007	39.8	88	86	2152	41.9	92	89	2279	46.1	102	94	2536	42.7
Winchester 748	16	32.8	69	89	1998	35.2	74	92	2139	37.2	78	95	2263	41.3	87	98	2510	42.7
Winchester 760	16					40.1	85	81	2127	42.2	90	84	2256	46.5	99	90	2518	42.7
Winchester Supreme 780	18													49.1	105	85	2367	39.0