

Date	Bullet	Powder	Primer	High	Low	ES	Average	Comments
Data Current		10/16/13						
SPECIAL NOTE:								
These loads have proven safe in MY RIFLES, and the rifles I have worked with. However, this does not mean they will be safe in YOUR RIFLE. As always approach upper limits with caution. This load data is for you to use wisely and safely, always start low and work up and do not exceed nor interchange data between rifles!								
DO NOT START WITH MAXIMUM LOADS IN YOUR RIFLE----START AT LEAST 10% BELOW MAX AND WORK YOUR WAY UP WITH EXTREME CAUTION								
Powder from one keg to the next can be different, your powder may not be the same as mine! Proceed in a safe manner Drop the loads listed below and work up								
Pressures listed below, along with velocity and other factors were correct and safe in this rifle, this day, with this keg of powder, primers, case, and bullet. Change in components, even within the same Lot# can and will give different results, use this information in a safe manner and beware of the many factors involved when changing components! This information is provided to you as a guideline and I assume no liability or responsibility for it's use.								
Because I have no control over the individual loading practices and or components used, the user of this data releases the Author, writer, designer, creator of this data from any and all liability arising out of the use of the data or information provided in this document. The Author, or creators of this data makes no representations or warranties either express or implied with the information in this data. The user of this data provided in this document assumes any and all risks associated with using said information.								
Rifle Used for this data Hyem 26 Inch barrels Double Rifle								
Pressure Trace 1 for Calibration								
9/10/13	750 Wood Soft	117/RL 15	Fed 215	2050	2033	17	2042	45148 PSI
9/10/13	750 Kynoch Cordite Factory Load			0	0	0	2066	45703 PSI
Pressure Trace 2 Once Calibrated to PT 1								
9/10/13	750 Wood Soft	117/RL 15	Fed 215	0	0	0	1982	40208 PSI--- Foam
9/10/13	750 Kynoch Cordite Factory Load			0	0	0	2040	43936 PSI
750 gr Woodleigh Soft								
9/10/13	750 Wood Soft	117/RL 15	Fed 215	2091	2031	60	2061	Fiber Wad
				51622	44158			
9/10/13	750 Wood Soft	120/RL 15	Fed 215	2146	2141	5	2143	52479 PSI--Fiber Wad
9/10/13	750 Wood Soft	120/RL 15	Fed 215	2139	2133	6	2136	52560 PSI--Foam Wad
9/10/13	750 Wood Soft	138 IMR 4831	Fed 215	1908	1898	10	1903	36000 PSI

9/10/13	750 Wood Soft	145/RL 22	Fed 215	0	0	0	1927	35953 PSI
9/10/13	750 Wood Soft	145/H-4831SC	Fed 215	2016	2013	3	2014	41008 PSI
9/10/13	750 Wood Soft	Aardvark Lab Ammo		2211	2197	14	2204	50393 PSI
750 gr BBW#13 Solid								
9/10/13	750 #13 Solid	120/RL 15	Fed 215	2084	2073	11	2078	43452 PSI
700 gr BBW#13 NonCon HP								
9/10/13	700 #13 HP	120/RL 15	Fed 215	2085	2074	11	2080	41374 PSI
650 Woodleigh Soft--BP								
9/10/13	650 Wood Soft	78/IMR 4198	Fed 215	1816	1814	2	1815	30696 PSI- Fiber Wad
9/10/13	650 Wood Soft	100/Varget	Fed 215	1852	1825	27	1839	29749 PSI- Foam Wad
9/10/13	650 Wood Soft	100/RL 15	Fed 215	1841	1733	0	0	Foam Wad
				31635	22788 PSI-	HangFire		
9/10/13	650 Wood Soft	130/IMR 4350	Fed 215	2011	1964	46	1987	30908 PSI
9/10/13	650 Wood Soft	135/IMR 4350	Fed 215	2132	2099	33	2115	37698 PSI
9/10/13	650 Wood Soft	122/RL 15	Fed 215	2065	1982	83	2023	30760 PSI
650 BBW#13 Solid								
9/10/13	650 #13 Solid	125/RL 15	Fed 215	2222 Left		2218 Right		44187 PSI- Fiber Wad
9/10/13	650 #13 Solid	125/RL 15	Fed 215	2203	2176	27	2190	41132 PSI- Foam Wad
9/10/13	650 #13 Solid	136/IMR 4350	Fed 215	0	0	0	2160	42622 PSI
9/10/13	650 #13 Solid	137/IMR 4350	Fed 215	2211	2203	7	2207	45297 PSI
9/10/13	650 #13 Solid	136/RL 19	Fed 215	0	0	0	0	33962 PSI
9/10/13	650 #13 Solid	139/RL 19	Fed 215	1987	1978	9	1983	36753 PSI
9/10/13	650 #13 Solid	130/RL 17	Fed 215	2120	2116	4	2118	40091 PSI
9/10/13	650 #13 Solid	132/RL 17	Fed 215	2156	2146	10	2151	40903 PSI
9/10/13	650 #13 Solid	134/RL 17	Fed 215	2183	2158	24	2171	41451 PSI >> 135/RL 17

600 BBW#13 NonCon HP									
9/10/13	600 #13 HP	125/RL 15	Fed 215	2222	2206	16	2214	39304 PSI- Fiber Wad	
9/10/13	600 #13 HP	138/IMR 4350	Fed 215	2222	2221	1	2222	42125 PSI	
9/10/13	600 #13 HP	134/RL 17	Fed 215	2194	2181	13	2188	39650 PSI	
9/10/13	600 #13 HP	136/RL 17	Fed 215	0	0	0	2222	40953 PSI >> 137+ /RL 17	
Heym 577 NE After being Re Chambered									
10/10/2013---Basically this is now a totally different rifle!!!!!!!!!!!!									
750 Woodleigh Soft									
10/10/13	750 Wood Soft	119/RL 15	Fed 215	1818	1796	22	1807	27606 PSI--- Foam Fill	
10/10/13	750 Wood Soft	119/RL 15	Fed 215	1817	1813	4	1815	26990 PSI--- Foam Fill	
10/10/13	750 Wood Soft	122/RL 15	Fed 215	1890	1865	25	1877	29012 PSI--- Fiber Fill	
10/10/13	750 Wood Soft	122/ RL17	Fed 215	0	0	0	0	34734 PSI	
10/10/13	750 Wood Soft	130/IMR 4350	Fed 215	1927	1980	53	1954	41240 PSI	
Hybrid 100 Workup Data									
Start with 750 Woodleigh Soft.....									
10/12/13	750 Wood Soft	122/Hybrid	Fed 215	1815	1811	4	1813	X1 Fiber Fill-- 30571 PSI	
10/12/13	750 Wood Soft	125/Hybrid	Fed 215	1865	1853	11	1859	X1 Fiber Fill-- 32203 PSI	
10/12/13	750 Wood Soft	127/Hybrid	Fed 215	1936	1906	29	1921	X1 Fiber Fill--	
				40166	34900	PSI	Large Pressure Inconsistency		
10/16/13	750 Wood Soft	120/Varget	Fed 215	2154	2142	12	2148	Foam Fill--50808 PSI	
10/16/13	750 Wood Soft	130/RL 19	Fed 215	1798	1787	11	1793	X2 Card Fill--32864 PSI	
10/16/13	750 Wood Soft	135/RL 19	Fed 215	1882	1863	19	1871	X1 Card Fill--35952 PSI	
750 BBW#13 Solid									
10/10/13	750 #13 Solid Copper	117/RL 15	Fed 215	1815	1781	33	1798	30782 PSI--- Foam Fill	
10/10/13	750 #13 Solid Copper 2 Band	122/RL 15	Fed 215	1919	1798	121	1859	PSI--- Fiber Fill	
				33762	24157	PSI			
10/10/13	750 #13 Solid	125/RL 15	Fed 215	1984	1963	21	1974	38220 PSI--- Foam Fill	
10/10/13	750 #13 Solid	128/RL 15	Fed 215	2050	1963	87	2007	No Fill Seat Deep	

				40748	32267	PSI			
	128/RL 15 shows potential and probably should be retested, ??? the inconsistency???								
10/12/13	750 #13 Solid	122/RL 15	Fed 215	1945	1960	19	1969	X5 Card Wad--	37132 PSI
	X5 Card Wad put exactly the amount of compression needed to bring velocity/pressures to excellent levels, and also consistency with RL 15								
10/12/13	750 #13 Solid	124/RL 15	Fed 215	2016	1958	57	1987	1/2 Inch 32 Gage Cards	
				43620	34710	PSI			
	By not having the Card Wads available we used 32 ga cards I have, we lost consistency with this.....								
10/12/13	750 #13 Solid	140/IMR 4831	Fed 215	1945	1886	59	1916	X1 Card Fill--	Poor Consistency
				44428	36332	PSI			
10/12/13	750 #13 Solid	148/H-4831	Fed 215	2066	2053	13	2059	No Fill--	48483 PSI
	This lot of powder is Sam's, and newer. Shows great potential. MDM H-4831 is older, and less pressure/velocity								
10/12/13	750 #13 Solid	146/H-4831	Fed 215	1868	1847	21	1857	X1 Fiber Fill--	30908 PSI
	This was MDM older H-4831 Powder... Still showed excellent consistency, just less pressure/velocity								
10/10/13	750 #13 Solid	133/IMR 4350	Fed 215	1988	1927	62	1958	No Fill Seat Long	
				43725	35805	PSI			
10/12/13	750 #13 Solid	135/IMR 4350	Fed 215	1983	1970	13	1976	X2 Card Fill--	40376 PSI
	Very Excellent and consistent load, low pressure.....								
10/10/13	750 #13 Solid	125/RL 17	Fed 215	1961	1947	15	1954	40924 PSI---	Foam Fill--???
10/10/13	750 #13 Solid	127/RL 17	Fed 215	1937	1924	13	1931	36974 PSI---	NO Fill
10/10/13	750 #13 Solid	127/RL 17	Fed 215	1932	1925	7	1929	37182 PSI---	Seat Long-Foam Fill
10/10/13	750 #13 Solid	130/RL 17	Fed 215	2050	1974	76	2011	43536 PSI---	Seat Long-Foam Fill
	130/RL 17 started showing excellent potential--- The extreme spread of 76, and one low velocity???								
	I suggest a retest of this load!								
10/12/13	750 #13 Solid	150/RL 22	Fed 215	0	0	0	0	No Fill--	40313 PSI
	Sam's RL 22 and for some reason chrono did not register velocity.								
10/12/13	750 #13 Solid	150/RL 22	Fed 215	1970	1969	1	1970	No Fill--	38143 PSI
	This is MDM RL 22, very consistent, pressure/velocity, excellent load								
10/12/13	750 #13 Solid	129/Hybrid	Fed 215	1945	1921	23	1933	Fiber Fill--	40095 PSI
10/12/13	750 #13 Solid	131/Hybrid	Fed 215	1969	1955	14	1962	Fiber Fill--	37396 PSI
10/12/13	750 #13 Solid	133/Hybrid	Fed 215	#1-No Fill Loose Powder 1935 fps 35384 PSI					
				#2-Fiber Fill 1979 fps ??PSI					
10/12/13	750 #13 Solid	134/Hybrid	Fed 215	#1-Jamison Brass 1/4 Fiber 2014 fps 38565 PSI					
				#2- A-Square Brass 1/4 Fiber 2000 fps 42167 PSI					
	Excellent consistency, pressure/velocity								
10/12/13	750 #13 Solid	136/Hybrid	Fed 215	2035	2015	20	2025	No Fill--	41819 PSI
				44905	38733	PSI			
	This needs to be tested with small fill to improve pressure consistency								

10/12/13	650 Cast	113/IMR 4350	Fed 215	1630	1619	11	1625	Foam-- 25200 PSI	
10/12/13	650 Cast	113/H 4350	Fed 215	1756	1642	113	1699	Foam--	
				25526	19123	PSI			
10/16/13	650 Cast	30/Trail Boss	Fed 215	1139	1114	25	1126	X1Lube Fiber Fill--24889 PSI	
10/16/13	650 Cast	40/AA 5744	Fed 215	1117	1066	51	1092	X1Lube Fiber Fill--12572 PSI	
10/16/13	650 Cast	50/AA 5744	Fed 215	1339	1298	41	1319	X1Lube Fiber Fill--15347 PSI	
10/16/13	650 Cast	55/AA 5744	Fed 215	1453	1411	42	1432	X1Lube Fiber Fill--19765 PSI	
10/16/13	650 Cast	60/AA 5744	Fed 215	1520	1520	0	1520	X1Lube Fiber Fill--20197 PSI	
10/16/13	650 Cast	65/AA 5744	Fed 215	1717	1691	25	1704	X1Lube Fiber Fill--28517 PSI	
10/16/13	650 Cast	112/Blackhorn 209	Fed 215	1802	1776	26	1789	No Fill--36286 PSI	
10/16/13	650 BH Cast	113/H-4350	Fed 215	1815	1790	25	1803	3/4" Foam--29201 PSI	
10/16/13	450 Cast	40/Trail Boss	Fed 215	1514	1478	36	1496	X1Lube Fiber Fill--29629 PSI	
10/16/13	450 Cast	50/AA 5744	Fed 215	1658	1641	17	1650	X1Lube Fiber Fill--19049 PSI	