

Date	Bullet	Powder	Primer	High	Low	ES	Average	Comments
<b>Data Current</b>		2/27/13						
<b>SPECIAL NOTE:</b>								
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.								
500 Nitro	Load Data		Rifle--Sabatti Double Rifle	24 Inch	Barrels			Assumed 1:15 Twist Rate
<b>525 BBW#13 Copper 2 Band Cup Point EXP</b>								
1/31/12	525 #13 CP	106/IMR 4350	Fed 215	0	0	0	2002	37434 PSI
<b>535 BBW#13 NonCon HP</b>								
1/31/12	535 #13 HP	113/WW 760	Fed 215	2084	2060	24	2074	36028 PSI
1/24/12	535 BBW#13	106/IMR 4350	Fed 215	2085	2037	47	2061	41070 PSI
<b>535 gr Woodleigh FMJ</b>								
1/24/12	535 Wood FMJ	106/IMR 4350	Fed 215	2083	2050	33	2067	41163 PSI
<b>535 gr Woodleigh Soft Point</b>								
1/24/12	535 WoodSoft	106/IMR 4350	Fed 215	1962	1926	36	1944	35151 PSI
<b>535 gr Barnes Banded Solid Flat Nose</b>								
1/24/12	535 Barnes	106/IMR 4350	Fed 215	2021	2011	10	2016	39355 PSI
<b>Factory Ammo Tests</b>								
1/31/12	570 Hornady DGS Factory Ammo			1991	1990	1	1991	42735 PSI
1/31/12	570 Woodleigh FMJ Norma PH Ammo			0	0	0	2102	34768 PSI
<b>SPECIAL NOTE: Extreme Spread between 2 traces 38043 PSI---31493 PSI--Retest Required</b>								
2/10/12	570 Woodleigh FMJ Norma PH Ammo			1956	1913	43	1934	33809 pSI
<b>SPECIAL NOTE: Extreme Spread between 2 traces 36000 PSI---31000 PSI--</b>								
2/10/12	570 Soft Kynoch Factory Ammo			2002	1969	33	1986	42224 PSI
2/21/12	570 Soft Kynoch Factory Ammo			0	0	0	1991	44469 PSI
2/21/12	570 A Square Factory Lion Load			1915	1887	28	1901	38348 PSI
2/21/12	570 A Square Factory Lion Load			1935	1924	11	1930	39474 PSI
2/21/12	570 Original Kynoch Cordite Factory			2024	2005	20	2015	44119 PSI
<b>570 gr Woodleigh Soft Point</b>								
1/24/12	570 WoodSoft	106/IMR 4350	Fed 215	0	0	0	1994	37269 PSI--Sam IMR 4350
1/31/12	570 WoodSoft	106/IMR 4350	Fed 215	1957	1956	1	1956	44600 PSI--Sam IMR 4350
1/24/12	570 WoodSoft	107/IMR 4350	Fed 215	2006	1985	21	1995	40231 PSI--Sam IMR 4350
1/24/12	570 WoodSoft	108/IMR 4350	Fed 215	2050	2028	22	2039	42547 PSI--Sam IMR 4350





<b>Data 2/20/2013</b>									
No actual Pressure data taken on the loads below, only case study.									
Approach with EXTREME CAUTION IN YOUR RIFLE									
ALL THE DATA LISTED BELOW TAKEN WITH A Sabatti 24 Inch 500 NE									
350 gr BBW#13 NonCon HP									
2/20/13	350 #13 HP	106/RL 15	Fed 215	Right	2297	Left	2284	With Talon Tip	
2/20/13	350 #13 HP	110/RL 15	Fed 215	Right	2393	Left	2434	With Talon Tip	
2/20/13	350 #13 HP	112/RL 15	Fed 215	Right	2407	Left	2426	No Talon Tip	
2/20/13	350 #13 HP	114/RL 15	Fed 215	Right	2556	Left	2550	With Talon Tip	
2/20/13	350 #13 HP	115/RL 15	Fed 215	Right	2476	Left	2488	No Talon Tip	
2/20/13	350 #13 HP	117/RL 15	Fed 215	Right	2596	Left	2589	With Talon Tip	
All Loads Crossing in this rifle... Extreme Spread 4 Inches at 50 Yards									
All Loads Safe Pressures									
475 gr BBW#13 NonCon HP----Match to 510 gr BBW#13 Solid									
2/20/13	475 #13 HP	112/RL 15	Fed 215	Right	2334	Left	2363	Max Safe Pressure	
510 gr BBW#13 Brass Solid									
					Velocity		Velocity		
2/20/13	510 #13 Solid	101/RL 15	Fed 215	Right	2057	Left	2072		
2/20/13	510 #13 Solid	102/RL 15	Fed 215	Right	2085	Left	2109		
2/20/13	510 #13 Solid	103/RL 15	Fed 215	Right	2112	Left	2120		
2/20/13	510 #13 Solid	104/RL 15	Fed 215	Right	2160	Left	2164		
2/20/13	510 #13 Solid	105/RL 15	Fed 215	Right	2155	Left	2171		
2/20/13	510 #13 Solid	106/RL 15	Fed 215	Right	2180	Left	2198		
2/20/13	510 #13 Solid	107/RL 15	Fed 215	Right	2190	Left	2211		
2/20/13	510 #13 Solid	108/RL 15	Fed 215	Right	2259	Left	2221		
2/20/13	510 #13 Solid	109/RL 15	Fed 215	Right	2265	Left	2280		
2/20/13	510 #13 Solid	110/RL 15	Fed 215	Right	2288	Left	2287	Max SAFE PRESSURE	
2/20/13	510 #13 Solid	111/RL 15	Fed 215	Right	2328	Left	2308	Reaching Maximum Pressures	
Date----2/27/2013									
No actual Pressure data taken on the loads below, only case study.									
Approach with EXTREME CAUTION IN YOUR RIFLE									
ALL THE DATA LISTED BELOW TAKEN WITH A Heym 26 Inch 500 NE									
475 gr BBW#13 NonCon HP----Match to 510 gr BBW#13 Solid									
2/27/13	475 #13 HP	105/RL 15	Fed 215	Right	2261	Left	2261	Only 1 Reading Taken	
2/27/13	475 #13 HP	109/RL 15	Fed 215	Right	2425	Left	2457	No Pressure Signs	
2/27/13	475 #13 HP	110/RL 15	Fed 215	Right	2448	Left	2452	No Pressure Signs	
2/27/13	475 #13 HP	111/RL 15	Fed 215	Right	2451	Left	2465	No Pressure Signs	
2/27/13	475 #13 HP	112/RL 15	Fed 215	Right	0	Left	0	No Chrono Data--No Pressure Signs	
Since there was little gain in velocity from 109/RL 15 to 112/RL 15 we would suggest looking closer at 109 to 110/ RL 15 to match with 510 #13 Solid.									
510 gr BBW#13 Brass Solid									
2/27/13	510 #13 Solid	106/RL 15	Fed 215	Right	2309	Left	2309	Only 1 Chrono Reading	
2/27/13	510 #13 Solid	107/RL 15	Fed 215	Right	2321	Left	2321	Only 1 Chrono Reading	
2/27/13	510 #13 Solid	108/RL 15	Fed 215	Right	2349	Left	2365	No Pressure Signs	
2/27/13	510 #13 Solid	109/RL 15	Fed 215	Right	0	Left	0	No Reading--No Pressure Signs	