

Blue is for Approved Loads and or Excellent Loads, and best Powder for bullet tested

Date	Bullet	Powder	Primer	High	Low	ES	Average	Comments
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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 or 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

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.
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 charges listed below and work up. Other Components primers, bullets, brass, cannot be interchanged! with data and pressures. Each rifle has a different chamber and barrel tolerances and again, data and pressures cannot be interchanged between rifles! Drop listed loads by 10% and work up.

Winchester M70 458 Winchester 24 Inch Barrel

Cutting Edge Bullets .458 Caliber



250 Socom

Seated and Crimped into second groove down.....								
12/2/13	250 Socom	75/H-4198	Fed 215	2859	2855	4	2857	48577 PSI--Exc Pts
12/9/13	250 Socom	78/H-4198	Fed 215	2932	2926	6	2929	52463 PSI
12/2/13	250 Socom	78/RL 7	Fed 215	2834	2804	30	2819	46644 PSI--Exc Pts
12/9/13	250 Socom	81/RL 7	Fed 215	2867	2851	16	2859	47526 PSI--Exc Pts
12/2/13	250 Socom	72/IMR 4198	Fed 215	2822	2819	3	2821	49090 PSI
12/9/13	250 Socom	74/IMR 4198	Fed 215	2899	2862	37	2881	58491 PSI

295 #13 HP LG S16LG.....

Seat and crimp in top groove below top band and add Talon Tip								
11/20/13	295 #13 HP	70/RL 7	Fed 215	2572	2555	17	2563	46084 PSI
11/21/13	295 #13 HP	75/RL 7	Fed 215	2720	2705	15	2713	50915 PSI
11/26/13	295 #13 HP	78/RL 7	Fed 215	2774	2773	1	2773	54581 PSI
11/20/13	295 #13 HP	67/H-4198	Fed 215	2594	2574	20	2584	46897 PSI
11/21/13	295 #13 HP	67/H-4198	Fed 215	2778	2761	17	2769	53709 PSI
11/26/13	295 #13 HP	75/H-4198	Fed 215	2802	2795	7	2798	58022 PSI
11/20/13	295 #13 HP	65/IMR 4198	Fed 215	2596	2590	4	2595	49481 PSI--Excellent
11/21/13	295 #13 HP	68/IMR 4198	Fed 215	2667	2666	1	2666	58014 PSI
11/26/13	295 #13 HP	71/IMR 4198	Fed 215	2742	2741	1	2742	58277 PSI--Exc Pts
11/20/13	295 #13 HP	72/RL 10X	Fed 215	2544	2529	15	2436	43544 PSI
11/21/13	295 #13 HP	78/RL 10X	Fed 215	2710	2695	15	2703	50542 PSI--Large Muzzle Flash End
11/20/13	295 #13 HP	62/AA 1680	Fed 215	2484	2451	33	2468	43052 PSI

325 #13 Solid--Safari Solid

Would also do very well matched with 325 North Fork CPS

11/26/13	325 #13 Solid	65/H-4198	Fed 215	2413	2412	1	2412	47805 PSI
11/27/13	325 #13 Solid	69/H-4198	Fed 215	2547	2546	1	2547	54605 PSI
11/29/13	325 #13 Solid	72/H-4198	Fed 215	2621	2615	6	2618	59123 PSI
11/26/13	325 #13 Solid	68/RL 7	Fed 215	2388	2374	14	2381	41891 PSI
11/27/13	325 #13 Solid	73/RL 7	Fed 215	2557	2526	31	2541	50235 PSI
11/29/13	325 #13 Solid	77/RL 7	Fed 215	2635	2615	20	2626	53209 PSI
11/26/13	325 #13 Solid	70/RL 10X	Fed 215	2357	2349	8	2353	41203 PSI--MUZZLE FLASH

370 #13 HP LG S11LG

Seat and crimp in top groove below top band and add Talon Tip

11/20/13	370 #13 HP	57/H-4198	Fed 215	2216	2211	5	2214	46579 PSI--Excellent PT
11/21/13	370 #13 HP	63/H-4198	Fed 215	2394	2381	13	2387	57629 PSI
11/23/13	370 #13 HP	65/H-4198	Fed 215	2463	2454	9	2458	60541 PSI--PT 2
11/23/13	370 #13 HP	65/H-4198	Fed 215	2457	2446	11	2451	60800 PSI--Dehier
11/20/13	370 #13 HP	65/H-322	Fed 215	2274	2270	4	2272	48396 PSI
11/21/13	370 #13 HP	69/H-322	Fed 215	2403	2396	7	2400	56599 PSI
11/23/13	370 #13 HP	71/H-322	Fed 215	2454	2429	25	2442	58666 PSI
11/20/13	370 #13 HP	60/RL 7	Fed 215	2219	2216	3	2218	46126 PSI
11/21/13	370 #13 HP	65/RL 7	Fed 215	2401	2394	7	2398	56961 PSI
11/23/13	370 #13 HP	67/RL 7	Fed 215	2428	2412	16	2420	58665 PSI
11/20/13	370 #13 HP	63/RL 10X	Fed 215	2278	2260	18	2269	46746 PSI
11/21/13	370 #13 HP	68/RL 10X	Fed 215	2419	2405	13	2412	55700 PSI-- 2012 Version RL 10X
11/23/13	370 #13 HP	70/RL 10X	Fed 215	2413	2403	10	2406	55832 PSI--New 2013 RL 10X

MAKE NOTE THIS CHANGE IN POWDER KEGS RL 10X
 70 grs of 2013 RL10X equals 68 grs of 2012 RL10X

11/20/13	370 #13 HP	57/AA 2015	Fed 215	1962	1941	21	1951	34107 PSI>>>65 grs
12/18/13	370 #13 HP	63/AA 2015	Fed 215	2142	2125	16	2133	43903 PSI
11/20/13	370 #13 HP	63/AA 2520	Fed 215	2050	2044	6	2047	35595 PSI>>>76 grs
12/18/13	370 #13 HP	70/AA 2520	Fed 215	2195	2171	24	2183	43091 PSI
11/20/13	370 #13 HP	61/IMR 8208	Fed 215	2047	2008	39	2028	35340 PSI>>>67 grs

Cutting Edge Safari Solid/Raptor

SPECIAL NOTE CONCERNING SAFARI SOLID/RAPTORS
 YOU CANNOT INTERCHANGE DATA BETWEEN SAME WEIGHT SOLID & RAPTOR; EXAMPLE 450 Safari Solid/450 Safari HP The 450 Safari Raptor is the SAME BULLET AS THE 480 Safari Solid. Therefore it is longer than the 450 Safari Solid and data cannot be used or interchanged! 450 Safari Solid is a Match to the 420 Safari Raptor and the 480 Safari Solid is a Match to the 450 Safari Raptor

450 #13 Safari Solid

11/16/13	450 #13 Solid	76/IMR 8208	Fed 215	2330	2314	17	2322	62400 PSI--Dehier
11/27/13	450 #13 Solid	76/IMR 8208	Fed 215	2328	2317	11	2322	61030 PSI--PT 2
12/15/11	450 #13 Solid	76/IMR 8208	Fed 215	2317	2310	7	2314	

NOTE: 2011 IMR 8208 and 2013 IMR 8208 No Difference

11/26/13	450 #13 Solid	72/AA 2230	Fed 215	2198	2195	0	2197	51972 PSI
11/27/13	450 #13 Solid	74/AA 2230	Fed 215	0	0	0	2222	57281 PSI
11/27/13	450 #13 Solid	75/AA 2230	Fed 215	0	0	0	53708 PSI--Chrono Not Set Retest	
11/27/13	450 #13 Solid	75/AA 2230	Fed 215	2265	2253	12	2259	56504 PSI
11/27/13	450 #13 Solid	77/AA 2230	Fed 215	2314	2308	6	2311	59453 PSI

NOTE: Large Difference in 2011 AA 2230 and 2013 AA 2230!
 NOTE: 12/1/2013 RETEST X Terminator..... New 8 lb Can came in and far different results with North Forks Using up to 75-76 gr of Terminator from new 8 lb Can under pressure. This XTerm old 10 lb can Syars

NEW 2013 Terminator

12/18/13	450 #13 Solid	74/X Terminator	Fed 215	2263	2243	20	2253	52287 PSI--Magnetto Muzzle Velocity
12/23/13	450 #13 Solid	76/X Terminator	Fed 215	2310	2299	11	2304	60002 PSI-PACT 18ft Velocity Max Safe
				60897	59106	1791	60002	Pressure Muzzle Velocity

11/18/13	450 #13 Solid	69/H-322	Fed 215	2268	2252	16	2260	
11/18/13	450 #13 Solid	69/H-322	Fed 215	2256	2254	2	2253	62309 PSI--Max Pressure

11/18/13	450 #13 Solid	72/Varget	Fed 215	2110	2105	5	2107	51411 PSI
11/18/13	450 #13 Solid	75/Varget	Fed 215	2209	2208	1	2209	55875 PSI

11/20/13	450 #13 Solid	62/RL 7	Fed 215	2142	2125	17	2134	52352 PSI
11/20/13	450 #13 Solid	65/RL 7	Fed 215	2279	2263	14	2278	57145 PSI
11/23/13	450 #13 Solid	66/RL 7	Fed 215	2216	2215	13	2220	62304 PSI--Max Pressure

11/20/13	450 #13 Solid	58/IMR 4198	Fed 215	2118	2116	2	2117	56455 PSI
11/20/13	450 #13 Solid	60/IMR 4198	Fed 215	2176	2160	16	2168	61033 PSI

11/20/13	450 #13 Solid	60/H-4198	Fed 215	2154	2150	2	2153	58197 PSI
11/20/13	450 #13 Solid	72/WW 748	Fed 215	1916	1903	13	1909	33034 PSI

11/20/13	450 #13 Solid	72/AA 2520	Fed 215	2158	2154	4	2156	52000 PSI>>>76 grs
12/18/13	450 #13 Solid	74/AA 2520	Fed 215	2228	2200	28	2214	54253 PSI-Magnetto Muzzle Velocity>>>76 gr
				55491	53015	14	54253	Pressure
				5491	53015	14	54253	Pressure

12/23/13	450 #13 Solid	76/AA 2520	Fed 215	2281	2267	14	2274	58182 PSI-Magnetto Muzzle Velocity>>>77 gr
				2248	2222	26	2235	PACT 18 Ft Velocity
				59462	56901	2561	58182	Pressure

12/18/13	450 #13 Solid	71/V-N530	Fed 215	2289	2281	8	2285	58071 PSI-Magnetto Muzzle Velocity>>>72 gr
				2256	2250	6	2253	18 ft Velocity
				58270	57873	397	58071	VVExcellent Pts
				2294	2278	16	2286	62752 PSI-PACT 18ft Velocity Max Pressure
				2343	2335	8	2338	MagSpeed Muzzle Velocity
				63029	62465	574	62752	Pressure

12/18/13	450 #13 Solid	70/Benchmark	Fed 215	2266	2260	6	2263	60208 PSI-Magnetto Muzzle Vel Max Safe
				0	0	0	2222	18 ft Velocity
				62014	58403	3611	60208	Max Safe Pressure

458 Winchester Blending Tests with 450 #13 Solid

75% RL 15 + 25% RL 7								
11/30/13	450#13 Solid	70/Blend	Fed 215	2117	2108	9	2114	47169 PSI
11/30/13	450#13 Solid	73/Blend	Fed 215	0	0	0	2165	48887 PSI--End
								discontinued this blend as it is too slow, will never get enough powder in the case to make velocity

50% RL 15 + 50% RL 7								
11/30/13	450#13 Solid	70/Blend	Fed 215	2218	2202	16	2210	53777 PSI
11/30/13	450#13 Solid	73/Blend	Fed 215	2281	2280	1	2280	61537 PSI--Good Pts Max Pressure

65% RL 15 + 35% RL 7								
11/30/13	450#13 Solid	70/Blend	Fed 215	2150	2137	13	2143	49005 PSI
11/20/13	450 #13 Solid	73/Blend	Fed 215	2222	2211	11	2216	53415 PSI--Exc Pts
11/30/13	450#13 Solid	75/Blend	Fed 215	2268	2259	9	2263	55625 PSI--Exc Pts