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

Date	Bullet	Powder	Primer	High	Low	ES	Average	Comments
Data Current			12/23/13					

SPECIAL NOTE:

These loads have proven safe in M1 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 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

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 use 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 Component 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.

SPECIAL NOTE: These loads are NOT MINIMUM STARTING LOADS! These have not been Pressure Tested. 12/15/11 These loads worked well in my Winchester M70s and showed no Pressure Signs, but could be vastly different in your rifle. Drop the charge and work up with Caution!

Winchester M70 458 Lott 24 Inch Barrel 12/15/11

Pressure Data with Dakota 24 Inch 458 Lott
11/2013

Cutting Edge Bullets .458 Caliber

250 Socom

Sealed and Crimped into second groove down.....

11/11/13	250 Socom	75/H-4198	Fed 215	2924	2887	37	2905	43428 PSI
11/11/13	250 Socom	80/H-4198	Fed 215	3005	3003	2	3004	49557 PSI
11/12/13	250 Socom	84/H-4198	Fed 215	3109	3102	7	3105	52103 PSI--Excellent Load
11/11/13	250 Socom	75/RL 7	Fed 215	2664	2663	1	2664	33312 PSI
11/11/13	250 Socom	83/RL 7	Fed 215	2908	2877	31	2893	41748 PSI
11/12/13	250 Socom	87/RL 7	Fed 215	3034	3017	17	3025	47793 PSI

295 #13 HP LG. 511LGL.....

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

11/11/13	295 #13 HP	73/RL 7	Fed 215	2631	2610	21	2620	43011 PSI
11/11/13	295 #13 HP	77/RL 7	Fed 215	2714	2703	11	2708	44614 PSI
11/11/13	295 #13 HP	81/RL 7	Fed 215	2817	2807	10	2812	47827 PSI
11/12/13	295 #13 HP	84/RL 7	Fed 215	2905	2898	7	2902	52069 PSI--Excellent Load
11/11/13	295 #13 HP	72/H-4198	Fed 215	2727	2717	10	2722	48338 PSI
11/11/13	295 #13 HP	75/H-4198	Fed 215	2795	2786	9	2791	51814 PSI
11/11/13	295 #13 HP	77/H-4198	Fed 215	1868	2854	14	2861	54232 PSI--Excellent Load
11/11/13	295 #13 HP	84/TAC	Fed 215	2704	2700	4	2702	48196 PSI
11/11/13	295 #13 HP	75/RL 10X	Fed 215	2640	2626	14	2633	43181 PSI
11/11/13	295 #13 HP	78/RL 10X	Fed 215	2691	2674	17	2682	43456 PSI

325 #13 Solid

This bullet is a Match to the 295 #13 HP LG.. Would also do very well matched with 325 North Fork CPS

11/13/13	325 #13 Solid	75/RL 7	Fed 215	2577	2574	3	2575	45622 PSI--Exc PT
11/13/13	325 #13 Solid	79/RL 7	Fed 215	2703	2680	23	2692	50920 PSI--Exc PT
11/13/13	325 #13 Solid	73/H-4198	Fed 215	2672	2666	6	2669	54221 PSI
11/13/13	325 #13 Solid	83/H-322	Fed 215	2743	2730	13	2736	54022 PSI

370 #13 HP LG 511LG

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

11/11/13	370 #13 HP	65/RL 10X	Fed 215	2301	2285	16	2293	44869 PSI
11/11/13	370 #13 HP	68/RL 10X	Fed 215	2370	2352	18	2361	46719 PSI
11/12/13	370 #13 HP	72/RL 10X	Fed 215	2479	2457	22	2468	51505 PSI
11/12/13	370 #13 HP	75/RL 10X	Fed 215	2563	2558	5	2560	57990 PSI-Excellent Load
				58183	57798	385	57990	
11/11/13	370 #13 HP	70/H-322	Fed 215	2158.3	2357.7	0.7	2258	45785 PSI
11/11/13	370 #13 HP	74/H-322	Fed 215	2491	2479	12	2485	54736 PSI
11/12/13	370 #13 HP	76/H-322	Fed 215	2536	2529	7	2533	57085 PSI--Excellent Load
11/11/13	370 #13 HP	75/RL 7	Fed 215	2572	2561	11	2566	57755 PSI PSI
11/11/13	370 #13 HP	75/IMR 8208	Fed 215	2390	2383	7	2386	43444 PSI
11/11/13	370 #13 HP	78/IMR 8208	Fed 215	2493	2462	31	2477	50219 PSI
11/12/13	370 #13 HP	80/IMR 8208	Fed 215	2517	2512	5	2515	50341 PSI--End
11/11/13	370 #13 HP	76/TAC	Fed 215	2420	2382	38	2401	49297 PSI
11/11/13	370 #13 HP	79/TAC	Fed 215	2462	2451	11	2456	51721 PSI
11/11/13	370 #13 HP	81/TAC	Fed 215	2506	2490	16	2499	52428 PSI--End
11/11/13	370 #13 HP	65/IMR 4198	Fed 215	2444	2411	33	2428	55707 PSI

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 BBW#13 Solid

11/13/13	450 #13 Solid	80/TAC	Fed 215	2387	2385	2	2386	60323 PSI
12/15/11	450 #13 Solid	80/IMR 8208	Fed 215	2366	2364	2	2365	
11/9/13	450 #13 Solid	80/IMR 8208	Fed 215	2386	2374	12	2380	58417 PSI--Excellent Load
12/15/11	450 #13 Solid	84/RL 15	Fed 215	2384	2375	9	2380	
11/9/13	450 #13 Solid	84/RL 15	Fed 215	2399	2377	8	2385	64722 PSI
		The RL 15 from 2011 is vastly different from 2013 RL 15--Make Note of This!!!!!!!!!!						
11/11/13	450 #13 Solid	83/IMR 4320	Fed 215	2296	2277	19	2286	51611 PSI
11/11/13	450 #13 Solid	83/IMR 4320	Fed 215	2383	2377	6	2380	58364 PSI
11/11/13	450 #13 Solid	84/AA 2520	Fed 215	2410	2400	10	2405	58253 PSI
11/11/13	450 #13 Solid	79/H-4895	Fed 215	2381	2373	8	2377	56856 PSI
11/11/13	450 #13 Solid	80/IMR 4064	Fed 215	2307.8	2307.2	0.6	2307.5	50474 PSI
11/11/13	450 #13 Solid	83/IMR 4064	Fed 215	2398	2385	13	2391	60083 PSI
11/11/13	450 #13 Solid	80/IMR 4895	Fed 215	2301	2267	34	2284	50002 PSI
11/11/13	450 #13 Solid	83/IMR 4895	Fed 215	2361	2342	19	2352	53311 PSI--Excellent PT
11/11/13	450 #13 Solid	85/IMR 4895	Fed 215	2422	2412	9	2417	55338 PSI
12/12/13	450 #13 Solid	78/V-N530	Fed 215	2397	2392	5	2395	55990 PSI
12/12/13	450 #13 Solid	81/V-N530	Fed 215	2469	2430	39	2450	59675 PSI>>>REITEST
				62169	57182	4987	59675	
12/23/13	450 #13 Solid	81/V-N530	Fed 215	2434	2430	4	2432	58111 PSI
				2511	2492	19	2501	MagSpeed Muzzle Velocity

420 BBW#13 NonCon HP.... Matching Bullet to 450 #13 Solid

12/15/11	420 #13 HP	82/TAC	Fed 215	2465	2461	4	2463	
11/9/13	420 #13 HP	82/TAC	Fed 215	2477	2474	3	2475	61772 PSI
12/15/11	420 #13 HP	80/IMR 8208	Fed 215	2433	2426	5	2428	
11/9/13	420 #13 HP	80/IMR 8208	Fed 215	2405	2401	4	2403	52815 PSI--Excellent Load
12/15/11	420 #13 HP	84/RL 15	Fed 215	2441	2428	13	2434	
11/9/13	420 #13 HP	84/RL 15	Fed 215	2388	2353	35	2370	37368 PSI
		The RL 15 from 2011 is vastly different from 2013 RL 15--Make Note of This!!!!!!!!!!						
11/11/13	420 #13 HP	80/IMR 4320	Fed 215	2330	2321	9	2325	49187 PSI
11/11/13	420 #13 HP	84/IMR 4320	Fed 215	2462	2448	14	2455	58919 PSI
11/11/13	420 #13 HP	85/IMR 4895	Fed 215	2470	2468	2	2459	56408 PSI
11/11/13	420 #13 HP	84/AA 2520	Fed 215	2462	2457	5	2459	55961 PSI

480 BBW#13 Solid

12/15/11	480 #13 Solid	78/TAC	Fed 215	2277	2274	3	2275	
11/9/13	480 #13 Solid	78/TAC	Fed 215	2276	2270	6	2273	60598 PSI
12/15/11	480 #13 Solid	75/IMR 8208	Fed 215	0	0	0	2317	
11/9/13	480 #13 Solid	75/IMR 8208	Fed 215	2315	2308	7	2312	61800 PSI--PT 2
11/9/13	480 #13 Solid	75/IMR 8208	Fed 215	2336	2319	17	2327	62700 PSI--Defier 83
12/15/11	480 #13 Solid	82/RL 15	Fed 215	2318	2316	2	2317	
11/9/13	480 #13 Solid	82/RL 15	Fed 215	2211	2206	5	2209	44410 PSI--PT 2
11/9/13	480 #13 Solid	82/RL 15	Fed 215	2218	2201	17	2208	44460 PSI--Defier 83
		The RL 15 from 2011 is vastly different from 2013 RL 15--Make Note of This!!!!!!!!!!						
11/11/13	480 #13 Solid	80/AA 2520	Fed 215	2298	2290	8	2294	58096 PSI
11/11/13	480 #13 Solid	82/IMR 4895	Fed 215	2324	2323	1	2323	60271 PSI
11/11/13	480 #13 Solid	77/H-4895	Fed 215	2317	2291	26	2304	59661 PSI
11/11/13	480 #13 Solid	79/IMR 4320	Fed 215	2275	2267	8	2271	59512 PSI

450 BBW#13 NonCon HP>>Matching Bullet to 480 #13 Solid

12/15/11	450 #13 HP	78/TAC	Fed 215	2311	2301	10	2306	
11/9/13	450 #13 HP	78/TAC	Fed 215	2314	2313	1	2314	59257 PSI
12/15/11	450 #13 HP	79/IMR 8208	Fed 215	2404	2392	12	2398	
11/9/13	450 #13 HP	79/IMR 8208	Fed 215	2366	2354	12	2360	59257 PSI
12/15/11	450 #13 HP	82/RL 15	Fed 215	2373	2367	6	2370	
11/9/13	450 #13 HP	82/RL 15	Fed 215	2222	2219	3	2221	44573 PSI
		The RL 15 from 2011 is vastly different from 2013 RL 15--Make Note of This!!!!!!!!!!						
11/11/13	450 #13 HP	79/IMR 4320	Fed 215	2294	2284	10	2290	56102 PSI

North Fork Technologies

300 North Fork Premium Soft

11/13/13	300 NF Soft	78/RL 7	Fed 215	2774	2726	48	2750	47244 PSI
11/13/13	300 NF Soft	75/H-4198	Fed 215	2802	2801	1	2802	54152 PSI

325 North Fork CPS---Expanding CPS

11/13/13	325 NF-CPS	75/RL 7	Fed 215	2623	2620	3	2621	47021 PSI
11/13/13	325 NF-CPS	78/RL 7	Fed 215	2684	2674	10	2679	49536 PSI--Exc PT
11/13/13	325 NF-CPS	72/H-4198	Fed 215	2680	2663	17	2671	54776 PSI
11/13/13	325 NF-CPS	83/H-322	Fed 215	2731	2730	1	2731	53967 PSI PSI

350 North Fork Premium Soft

11/13/13	350 NF-Soft	80/H-322	Fed 215	2636	2632	4	2634	55252 PSI

350 North Fork CPS---Expanding CPS

11/13/13	350 NF-CPS	80/H-322	Fed 215	2646	2636	10	2641	55468 PSI

400 North Fork Premium Soft Point

11/18/13	400 NF-Soft	75/H-322	Fed 215	2464	2456	8	2460	55588 PSI

450 North Fork FPS

11/13/13	450 NF-FPS	80/TAC	Fed 215	2394	2384	10	2389	62919 PSI--Max Pressure
11/13/13	450 NF-FPS	78/IMR 8208	Fed 215	2392	2389	3	2391	61721 PSI--Max Pressure
11/12/13	450 NF-FPS	81/IMR 4320	Fed 215	2348	2346	2	2347	56976 PSI--Max Safe Pressure
11/12/13	450 NF-FPS	84/AA 2520	Fed 215	2434	2418	16	2426	58328 PSI--Max Safe Pressure
12/9/13	450 NF-FPS	82/IMR4895	Fed 215	2342	2335	27	2348	57945 PSI--Max Safe Pressure
12/10/13	450 NF-FPS	75/V-N530	Fed 215	2320	2315	5	2317	53029 PSI >>>78 grs
				53426	52631	794	53029	
12/12/13	450 NF-FPS	78/V-N530	Fed 215	2382	2371	11	2377	58195 PSI
12/12/13	450 NF-FPS	79/V-N530	Fed 215	2431	2430	1	2431	59961 PSI>>>REITEST
12/23/13	450 NF-FPS	79/V-N530	Fed 215	2425	2416	9	2421	58835 PSI--ENCT 18ft Velocity
				2517	2505	24	2511	MagSpeed Muzzle Velocity
				60182	57488	2693	58835	
12/10/13	450 NF-FPS	75/V-N140	Fed 215	2164	2161	3	2162	42215 PSI >>>80 grs
				43809	40620	3188	42215	
12/12/13	450 NF-FPS	80/-V-N140	Fed 215	2316	2291	25	2303	51925 PSI>>>82 grs
				53823	50026	3797	51925	
12/10/13	450 NF-FPS	75/Benchmark	Fed 215	2325	2310	15	2317	54905 PSI>>>77>>>77 grs
				59146	50644	8522	54905	
12/12/13	450 NF-FPS	77/Benchmark	Fed 215	2368	2366	1	2367	59669 PSI--Excellent Load
				60358	58980	1377	59669	

450 North Fork Premium Soft

11/13/13	450 NF-Soft	80/TAC	Fed 215	2392	2389	3	2391	61721 PSI--Max Pressure
11/13/13	450 NF-Soft	78/IMR 8208	Fed 215	2377	2370	7	2373	58747 PSI
11/12/13	450 NF-Soft	81/IMR 4320	Fed 215	2338	2337	1	2338	56976 PSI--Excellent Load
11/12/13	450 NF-Soft	84/AA 2520	Fed 215	2428	2427	11	2433	59387 PSI
11/12/13	450 NF-Soft	84/IMR 4895	Fed 215	2424	2421	3	2422	57028 PSI