)ate	Bullet	Powder	Primer	High	Low	ES	Average	Comments
ata Curr	ent	8/20/14						
PECIAL NO	TE.							
PECIAL NO	IE:							
		fe in MY RIFLES, ar						
		s always approach						use wisely
nd sately, o	always start low	and work up and	do not exc	eed nor inte	erchange de	ata between	n ritles!	
O NOT ST	ART WITH MAX	IMUM LOADS IN	YOUR RIFL	E—START A	T LEAST 10)% BELOW	MAX AND	WORK YOUR WAY UP
VITH EXTRE	ME CAUTION							
owder fro	m one kea to	the next can be a	lifferent v	our powde	ar may not	he the sa	me as min	e! Proceed in a safe manner
		ow and work up	interent, y	loor power	or may no	De me sa	inc as inii	c: Trocced in a said mainer
		ong with velocity orimers, case, and						
ind will giv	e different res	ults, use this infor	mation in	a safe ma	nner and b	neware of	the many	factors involved
hen chan	ging componer	nts! This informa						
esponsibili	ty for it's use.				-			
ecause I h	ave no contro	over the individu	ual loadin	g practices	and or co	mponents	used, the	user of this data
eleases the	e Author, write	er, designer, creat	or of this	data from	any and a	ll liability (arising ou	of the use
		n provided in this						
		nties either expres ument assumes ar						
ara provid	ied iii mis doct	dinein assumes ar	iy ana all	115K5 USSO(cialed wiff.	using said	a miormat	ioli.
50 BBW#1	13 Solid							
10/12/13	750 #13 Solid	122/RL 15	Fed 215	1945	1960	19	1969	X5 Card Wad 37132 PSI
. 0, . 2, 10		ut exactly the amou						
	icveis, and also	consistency with RI	_ 15					
10/12/12				1002	1070	12		V2 Card Eill 40276 BSI
10/12/13	750 #13 Solid	135/IMR 4350	Fed 215	1983	1970	13		X2 Card Fill40376 PSI
10/12/13	750 #13 Solid		Fed 215		1970	13		X2 Card Fill40376 PSI
	750 #13 Solid	135/IMR 4350 and consistent load,	Fed 215			13	1976	X2 Card Fill40376 PSI 37182 PSI Seat Long-Foam Fill
10/10/13	750 #13 Solid Very Excellent a 750 #13 Solid	135/IMR 4350 and consistent load, 127/RL 17	Fed 215 low pressu Fed 215	1932	1925	7	1976	37182 PSI Seat Long-Foam Fill
10/10/13	750 #13 Solid Very Excellent a 750 #13 Solid 750 #13 Solid	135/IMR 4350 and consistent load, 127/RL 17	Fed 215 low pressu Fed 215 Fed 215	1932 0	1925	7	1976	
10/10/13	750 #13 Solid Very Excellent a 750 #13 Solid 750 #13 Solid	135/IMR 4350 and consistent load, 127/RL 17 150/RL 22 d for some reason of	Fed 215 low pressu Fed 215 Fed 215	1932 0	1925 0 velocity.	7	1976 1929	37182 PSI Seat Long-Foam Fill
10/10/13	750 #13 Solid Very Excellent a 750 #13 Solid 750 #13 Solid Sam's RL 22 an 750 #13 Solid	135/IMR 4350 and consistent load, 127/RL 17 150/RL 22 d for some reason of	Fed 215 Fed 215 Fed 215 chrono did it Fed 215	1932 0 not register	1925 0 velocity.	7	1976 1929	37182 PSI Seat Long-Foam Fill No Fill 40313 PSI
10/10/13 10/12/13 10/12/13	750 #13 Solid Very Excellent a 750 #13 Solid 750 #13 Solid Sam's RL 22 an 750 #13 Solid This is MDM RL	135/IMR 4350 and consistent load, 127/RL 17 150/RL 22 d for some reason of 150/RL 22 22, very consistent	Fed 215 Fed 215 Fed 215 chrono did if Fed 215, pressure/	1932 0 not register 1970 (velocity, exc	1925 0 velocity. 1969 ellent load	7 0 1	1976 1929 0	37182 PSI Seat Long-Foam Fill No Fill 40313 PSI No Fill 38143 PSI
10/10/13 10/12/13 10/12/13	750 #13 Solid Very Excellent a 750 #13 Solid 750 #13 Solid Sam's RL 22 an 750 #13 Solid	135/IMR 4350 and consistent load, 127/RL 17 150/RL 22 d for some reason of 150/RL 22 22, very consistent	Fed 215 Fed 215 Fed 215 chrono did it Fed 215	1932 0 not register 1970 (velocity, except #1-No Fill	1925 0 velocity.	7 0 1 er 1935 fps	1976 1929 0	37182 PSI Seat Long-Foam Fill No Fill 40313 PSI No Fill 38143 PSI
10/10/13 10/12/13 10/12/13 10/12/13	750 #13 Solid Very Excellent a 750 #13 Solid 750 #13 Solid Sam's RL 22 an 750 #13 Solid This is MDM RL 750 #13 Solid	135/IMR 4350 and consistent load, 127/RL 17 150/RL 22 d for some reason of 150/RL 22 22, very consistent	Fed 215 low pressure Fed 215 chrono did it Fed 215 , pressure/	1932 0 not register 1970 (velocity, exelulation of the second of the sec	1925 velocity. 1969 ellent load Loose Powd ill 1979 fps	7 0 1 er 1935 fps	1976 1929 0 1970 3 35384 PS	37182 PSI Seat Long-Foam Fill No Fill 40313 PSI No Fill 38143 PSI
10/10/13 10/12/13 10/12/13 10/12/13	750 #13 Solid Very Excellent a 750 #13 Solid 750 #13 Solid Sam's RL 22 an 750 #13 Solid This is MDM RL	135/IMR 4350 and consistent load, 127/RL 17 150/RL 22 d for some reason of 150/RL 22 22, very consistent	Fed 215 Fed 215 Fed 215 chrono did if Fed 215, pressure/	1932 0 not register 1970 (velocity, exe #1-No Fill #2-Fiber Fi	1925 velocity. 1969 ellent load Loose Powd ill 1979 fps	7 0 1 1 ler 1935 fps ??PSI Fiber 2014	1976 1929 0 1970 s 35384 PS	37182 PSI Seat Long-Foam Fill No Fill 40313 PSI No Fill 38143 PSI
10/10/13 10/12/13 10/12/13 10/12/13	750 #13 Solid Very Excellent a 750 #13 Solid 750 #13 Solid Sam's RL 22 an 750 #13 Solid This is MDM RL 750 #13 Solid	135/IMR 4350 and consistent load, 127/RL 17 150/RL 22 d for some reason of 150/RL 22 22, very consistent	Fed 215 low pressure Fed 215 chrono did it Fed 215 , pressure/	1932 0 not register 1970 (velocity, exe #1-No Fill #2-Fiber Fi	1925 velocity. 1969 ellent load Loose Powd ill 1979 fps	7 0 1 1 ler 1935 fps ??PSI Fiber 2014	1976 1929 0 1970 s 35384 PS	37182 PSI Seat Long-Foam Fill No Fill 40313 PSI No Fill 38143 PSI
10/10/13 10/12/13 10/12/13 10/12/13	750 #13 Solid Very Excellent a 750 #13 Solid 750 #13 Solid Sam's RL 22 an 750 #13 Solid This is MDM RL 750 #13 Solid	135/IMR 4350 and consistent load, 127/RL 17 150/RL 22 d for some reason of 150/RL 22 22, very consistent	Fed 215 low pressure Fed 215 chrono did it Fed 215 , pressure/	1932 0 not register 1970 (velocity, exe #1-No Fill #2-Fiber Fi	1925 velocity. 1969 ellent load Loose Powd ill 1979 fps	7 0 1 1 ler 1935 fps ??PSI Fiber 2014	1976 1929 0 1970 s 35384 PS	37182 PSI Seat Long-Foam Fill No Fill 40313 PSI No Fill 38143 PSI
10/10/13 10/12/13 10/12/13 10/12/13 10/12/13	750 #13 Solid Very Excellent a 750 #13 Solid 750 #13 Solid Sam's RL 22 an 750 #13 Solid This is MDM RL 750 #13 Solid 750 #13 Solid	135/IMR 4350 and consistent load, 127/RL 17 150/RL 22 d for some reason of 150/RL 22 22, very consistent 133/Hybrid	Fed 215 low pressure Fed 215 chrono did it Fed 215 , pressure/	1932 0 not register 1970 (velocity, exe #1-No Fill #2-Fiber Fi	1925 velocity. 1969 ellent load Loose Powd ill 1979 fps	7 0 1 1 ler 1935 fps ??PSI Fiber 2014	1976 1929 0 1970 s 35384 PS	37182 PSI Seat Long-Foam Fill No Fill 40313 PSI No Fill 38143 PSI
10/10/13 10/12/13 10/12/13 10/12/13 10/12/13	750 #13 Solid Very Excellent a 750 #13 Solid 750 #13 Solid Sam's RL 22 an 750 #13 Solid This is MDM RL 750 #13 Solid	135/IMR 4350 and consistent load, 127/RL 17 150/RL 22 d for some reason of 150/RL 22 22, very consistent 133/Hybrid	Fed 215 low pressure Fed 215 chrono did it Fed 215 , pressure/	1932 0 not register 1970 (velocity, exe #1-No Fill #2-Fiber Fi	1925 velocity. 1969 ellent load Loose Powd ill 1979 fps	7 0 1 1 ler 1935 fps ??PSI Fiber 2014	1976 1929 0 1970 s 35384 PS	37182 PSI Seat Long-Foam Fill No Fill 40313 PSI No Fill 38143 PSI
10/10/13 10/12/13 10/12/13 10/12/13 10/12/13	750 #13 Solid Very Excellent a 750 #13 Solid 750 #13 Solid 750 #13 Solid Sam's RL 22 an 750 #13 Solid This is MDM RL 750 #13 Solid 750 #13 Solid	135/IMR 4350 and consistent load, 127/RL 17 150/RL 22 d for some reason of 150/RL 22 22, very consistent 133/Hybrid	Fed 215 Fed 215 Fed 215 chrono did r Fed 215 pressure/ Fed 215 Fed 215	1932 0 not register 1970 (velocity, exception of the second of the secon	1925 0 velocity. 1969 ellent load Loose Powd ill 1979 fps n Brass 1/4 are Brass 1/	7 0 1 1 er 1935 fps ??PSI Fiber 2014 4 Fiber 200	1976 1929 0 1970 s 35384 PS	37182 PSI Seat Long-Foam Fill No Fill 40313 PSI No Fill 38143 PSI PSI 77 PSI
10/10/13 10/12/13 10/12/13 10/12/13 10/12/13	750 #13 Solid Very Excellent a 750 #13 Solid 750 #13 Solid Sam's RL 22 an 750 #13 Solid This is MDM RL 750 #13 Solid 750 #13 Solid	135/IMR 4350 and consistent load, 127/RL 17 150/RL 22 d for some reason of 150/RL 22 22, very consistent 133/Hybrid	Fed 215 low pressure Fed 215 chrono did it Fed 215 , pressure/	1932 0 not register 1970 (velocity, exe #1-No Fill #2-Fiber Fi	1925 0 velocity. 1969 ellent load Loose Powd ill 1979 fps n Brass 1/4 are Brass 1/	7 0 1 1 er 1935 fps ??PSI Fiber 2014 4 Fiber 200	1976 1929 0 1970 s 35384 PS	37182 PSI Seat Long-Foam Fill No Fill 40313 PSI No Fill 38143 PSI
10/10/13 10/12/13 10/12/13 10/12/13 10/12/13 00 BBW#1:	750 #13 Solid Very Excellent a 750 #13 Solid 750 #13 Solid 750 #13 Solid Sam's RL 22 an 750 #13 Solid This is MDM RL 750 #13 Solid 750 #13 Solid	135/IMR 4350 and consistent load, 127/RL 17 150/RL 22 d for some reason of 150/RL 22 22, very consistent 133/Hybrid	Fed 215 Fed 215 Fed 215 chrono did r Fed 215 pressure/ Fed 215 Fed 215	1932 0 not register 1970 (velocity, exception of the second of the secon	1925 0 velocity. 1969 ellent load Loose Powd ill 1979 fps n Brass 1/4 are Brass 1/	7 0 1 1 er 1935 fps ??PSI Fiber 2014 '4 Fiber 2000	1976 1929 0 1970 1970 s 35384 PS 6 fps 38565 00 fps 4216	37182 PSI Seat Long-Foam Fill No Fill 40313 PSI No Fill 38143 PSI PSI 77 PSI
10/10/13 10/12/13 10/12/13 10/12/13 10/12/13 00 BBW#1:	750 #13 Solid Very Excellent a 750 #13 Solid 750 #13 Solid 750 #13 Solid Sam's RL 22 an 750 #13 Solid This is MDM RL 750 #13 Solid 750 #13 Solid 3 Safari Raptor H	135/IMR 4350 and consistent load, 127/RL 17 150/RL 22 d for some reason of 150/RL 22 22, very consistent 133/Hybrid 134/Hybrid	Fed 215 Fed 215 Fed 215 From did reference for the fed 215 Fed 215 Fed 215 Fed 215 Fed 215 Fed 215	1932 0 not register 1970 (velocity, excelled the second of the second	1925 0 velocity. 1969 ellent load Loose Powd ill 1979 fps n Brass 1/4 are Brass 1/	7 0 1 1 er 1935 fps ??PSI Fiber 2014 '4 Fiber 2000	1976 1929 0 1970 1970 s 35384 PS 6 fps 38565 00 fps 4216	37182 PSI Seat Long-Foam Fill No Fill 40313 PSI No Fill 38143 PSI PSI 77 PSI No Fill41429 PSI
10/10/13 10/12/13 10/12/13 10/12/13 10/12/13 00 BBW#13 10/16/13	750 #13 Solid Very Excellent a 750 #13 Solid 750 #13 Solid 750 #13 Solid 750 #13 Solid This is MDM RL 750 #13 Solid 750 #13 Solid This is MDM RL 750 #13 Solid 750 #13 Solid	135/IMR 4350 and consistent load, 127/RL 17 150/RL 22 d for some reason of 150/RL 22 22, very consistent 133/Hybrid 134/Hybrid	Fed 215 Fed 215 Fed 215 From did reference for the fed 215 Fed 215 Fed 215 Fed 215 Fed 215 Fed 215	1932 0 not register 1970 (velocity, excelled the second of the second	1925 0 velocity. 1969 ellent load Loose Powd ill 1979 fps n Brass 1/4 are Brass 1/	7 0 1 1 er 1935 fps ??PSI Fiber 2014 '4 Fiber 2000	1976 1929 0 1970 1970 s 35384 PS 6 fps 38565 00 fps 4216	37182 PSI Seat Long-Foam Fill No Fill 40313 PSI No Fill 38143 PSI PSI 77 PSI No Fill41429 PSI
10/10/13 10/12/13 10/12/13 10/12/13 10/12/13 00 BBW#1:	750 #13 Solid Very Excellent a 750 #13 Solid 750 #13 Solid 750 #13 Solid 750 #13 Solid This is MDM RL 750 #13 Solid 750 #13 Solid This is MDM RL 750 #13 Solid 750 #13 Solid	135/IMR 4350 and consistent load, 127/RL 17 150/RL 22 d for some reason of 150/RL 22 22, very consistent 133/Hybrid 134/Hybrid	Fed 215 Fed 215 Fed 215 From did reference for the fed 215 Fed 215 Fed 215 Fed 215 Fed 215 Fed 215	1932 0 not register 1970 (velocity, excelled the second of the second	1925 0 velocity. 1969 ellent load Loose Powd ill 1979 fps n Brass 1/4 are Brass 1/	7 0 1 1 er 1935 fps ??PSI Fiber 2014 '4 Fiber 2000	1976 1929 0 1970 1970 s 35384 PS 6 fps 38565 00 fps 4216	37182 PSI Seat Long-Foam Fill No Fill 40313 PSI No Fill 38143 PSI PSI 77 PSI No Fill41429 PSI
10/10/13 10/12/13 10/12/13 10/12/13 10/12/13 00 BBW#13 10/16/13 10/16/13 550 BBW#1	750 #13 Solid Very Excellent a 750 #13 Solid 750 #13 Solid 750 #13 Solid Sam's RL 22 an 750 #13 Solid This is MDM RL 750 #13 Solid 750 #13 Solid 750 #13 Solid 750 #13 HP 700 #13 HP 700 #13 HP	135/IMR 4350 and consistent load, 127/RL 17 150/RL 22 d for some reason of 150/RL 22 22, very consistent 133/Hybrid 134/Hybrid 125/RL 15	Fed 215 low pressured in the pressured i	1932 0 not register 1970 (velocity, exi #1-No Fill I #2-Fiber Fi #1-Jamiso #2- A-Squi	1925 velocity. 1969 ellent load Loose Powd ill 1979 fps n Brass 1/4 are Brass 1/ 2103	7 0 1 1 er 1935 fps ??PSI Fiber 2014 /4 Fiber 200 2 0	1976 1929 0 1970 1970 s 35384 PS 9 fps 38565 00 fps 4216 2104 2064	37182 PSI Seat Long-Foam Fill No Fill 40313 PSI No Fill 38143 PSI PSI 57 PSI No Fill41429 PSI X3 Card Fill37754 PSI 42056 PSI X1 Card Filler
10/10/13 10/12/13 10/12/13 10/12/13 10/12/13 00 BBW#13 10/16/13 10/16/13 10/10/13 10/16/13	750 #13 Solid Very Excellent a 750 #13 Solid 750 #13 Solid 750 #13 Solid Sam's RL 22 an 750 #13 Solid This is MDM RL 750 #13 Solid 750 #13 Solid 750 #13 Solid 750 #13 HP 700 #13 HP	135/IMR 4350 and consistent load, 127/RL 17 150/RL 22 d for some reason of 150/RL 22 22, very consistent 133/Hybrid 134/Hybrid 125/RL 15	Fed 215 low pressured in Fed 215 Fed 215 chrono did in Fed 215 Fed 215 Fed 215 Fed 215 Fed 215 Fed 215	1932 0 not register 1970 (velocity, exc #1-No Fill #2-Fiber Fi #1-Jamiso #2- A-Squi	1925 velocity. 1969 ellent load Loose Powd ill 1979 fps n Brass 1/4 are Brass 1/ 2103 0 2102 2073	7 0 1 1 er 1935 fps ??PSI Fiber 2014 // 4 Fiber 200 2 0 23 36	1976 1929 0 1970 1970 1970 1970 2104 2064 2114 2091	37182 PSI Seat Long-Foam Fill No Fill 40313 PSI No Fill 38143 PSI PSI 67 PSI No Fill41429 PSI X3 Card Fill37754 PSI

NO Filler RL 17 8/19/14 650 #13 Solid 140/RL 17 Fed 215 2197 2194 3 2195 38900 PSI 39200 38600 600 38900	
39200 38600 600 38900	
8/19/14 650 #13 Solid 142/RL 17 Fed 215 2222 2222 0 2222 40400 PSI	
8/19/14 650 #13 Solid 144/RL 17 Fed 215 2261 2255 6 2258 43000 PSI	
44700 41400 3300 43000	
No Filler RL 15	
10/10/13 650 #13 Solid 128/RL 15 Fed 215 2022 1964 58 1993 28285 PSI Seat I	
8/19/14 650 #13 Solid 132/RL 15 Fed 215 2086 2077 9 2081 30500 PSI—No Fille	er
8/19/14 650 #13 Solid 136/RL 15 Fed 215 2165 2165 0 2165 32700 PSI—No Fille	
8/19/14 650 #13 Solid 136/RL 15 Fed 215 2165 2165 0 2165 32700 PSI—No Fille 33100 32200 900 32700	ar e
8/19/14 650 #13 Solid 140/RL 15 Fed 215 2261 2207 53 2234 37600 PSI—No Fille	er
40300 34900 5400 37600	<u></u>
8/19/14 650 #13 Solid 142/RL 15 Fed 215 2301 2255 46 2278 39500 PSI—No Fille	er
42400 36600 <mark>5800</mark> 39500	
600 BBW#13 Safari Raptor HP	
8/19/14 600 #13 HP	
8/19/14 600 #13 HP	
40100 53300 200 40000	
8/19/14 600 #13 HP 144/RL 15 Fed 215 2325 2314 11 2319 35500 PSI—No Fill	
35600 35400 200 35500 Excellent Load	
8/19/14 600 #13 HP	
39500 38500 1000 39000	