

RIFLE DATA

22 Cheetah Mark II				Case: Winchester Twist: 1:10" Primer: Winchester SR			Barrel length: 27" Trim length: 2.010"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
50 GR. HDY SP	AR2209	.224"	2.580"	46.0	3,901 fps	-	51.0	4,069 fps	-
55 GR. SIE SP	AR2209	.224"	2.580"	46.0	3,776 fps	-	51.0	4,017 fps	-
223 Winchester Super Short Magnum				Case: Winchester Twist: 1:8" Primer: Winchester LR			Barrel length: 24" Trim length: 1.660"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
35 GR. NOS LF	Bench Mark 8208	.224"	2.200"	38.0	4,051 fps	49,400 PSI	42.7	4,439 fps	62,700 PSI
	AR2206H	.224"	2.200"	38.0	4,041 fps	48,300 PSI	43.0	4,438 fps	62,000 PSI
	AR2208	.224"	2.200"	39.0	4,027 fps	50,000 PSI	43.5	4,364 fps	62,500 PSI
36 GR. BAR VG FB	Bench Mark 8208	.224"	2.120"	37.0	4,014 fps	48,300 PSI	41.5	4,400 fps	63,100 PSI
	AR2206H	.224"	2.120"	37.0	4,037 fps	48,100 PSI	41.5	4,417 fps	62,600 PSI
	AR2208	.224"	2.120"	39.0	4,086 fps	51,300 PSI	43.2	4,368 fps	62,400 PSI
40 GR. NOS BT	Bench Mark 8208	.224"	2.200"	40.0	4,110 fps	52,900 PSI	42.5	4,307 fps	62,600 PSI
	AR2206H	.224"	2.200"	40.4	4,121 fps	54,300 PSI	43.0	4,320 fps	62,900 PSI
	AR2208	.224"	2.200"	41.0	4,074 fps	54,100 PSI	43.5	4,278 fps	63,800 PSI
45 GR. BAR X	AR2206H	.224"	2.100"	40.0	3,951 fps	51,200 PSI	42.8	4,153 fps	61,900 PSI
	AR2208	.224"	2.100"	40.7	3,935 fps	51,400 PSI	43.3	4,136 fps	61,800 PSI
	AR2209	.224"	2.100"	47.0	3,887 fps	54,100 PSI	50.0C	4,131 fps	63,000 PSI
50 GR. BAR XLC	AR2206H	.224"	2.100"	40.0	3,805 fps	51,600 PSI	42.9	4,021 fps	62,700 PSI
	AR2208	.224"	2.100"	41.0	3,784 fps	50,500 PSI	44.0	4,015 fps	61,800 PSI
	AR2209	.224"	2.100"	47.0	3,781 fps	50,200 PSI	50.0C	4,023 fps	61,500 PSI
52 GR. SPR HPBT	Bench Mark 8208	.224"	2.150"	37.8	3,721 fps	55,200 PSI	40.2	3,894 fps	62,500 PSI
	AR2206H	.224"	2.150"	38.8	3,805 fps	54,400 PSI	41.3	3,948 fps	61,600 PSI
	AR2208	.224"	2.150"	40.0	3,758 fps	54,000 PSI	43.0	3,948 fps	63,600 PSI
	AR2209	.224"	2.150"	46.0	3,753 fps	51,500 PSI	49.0C	3,959 fps	62,300 PSI
55 GR. HDY V-MAX	Bench Mark 8208	.224"	2.200"	35.3	3,557 fps	54,600 PSI	37.6	3,715 fps	62,000 PSI
	AR2206H	.224"	2.200"	36.5	3,622 fps	53,200 PSI	39.0	3,798 fps	62,100 PSI
	AR2208	.224"	2.200"	38.0	3,651 fps	53,300 PSI	40.5	3,836 fps	62,100 PSI
	AR2209	.224"	2.200"	44.5	3,713 fps	55,900 PSI	47.5	3,881 fps	63,100 PSI
	AR2213SC	.224"	2.200"	46.0	3,579 fps	53,000 PSI	49.0C	3,743 fps	62,600 PSI
60 GR. NOS PART	Bench Mark 8208	.224"	2.150"	32.9	3,383 fps	56,100 PSI	35.0	3,524 fps	62,100 PSI
	AR2206H	.224"	2.150"	35.0	3,479 fps	53,700 PSI	37.3	3,625 fps	62,200 PSI
	AR2208	.224"	2.150"	36.0	3,510 fps	55,400 PSI	38.5	3,656 fps	61,400 PSI
	AR2209	.224"	2.150"	41.0	3,568 fps	57,800 PSI	43.8	3,723 fps	63,400 PSI
	AR2213SC	.224"	2.150"	43.5	3,522 fps	58,300 PSI	46.3C	3,661 fps	63,500 PSI
69 GR. SIE HPBT	AR2206H	.224"	2.230"	34.5	3,278 fps	56,500 PSI	36.8	3,426 fps	61,800 PSI
	AR2208	.224"	2.230"	36.0	3,324 fps	55,900 PSI	38.5	3,492 fps	62,900 PSI
	AR2209	.224"	2.230"	40.0	3,321 fps	52,400 PSI	42.5	3,505 fps	63,300 PSI
	AR2213SC	.224"	2.230"	43.5	3,312 fps	54,700 PSI	46.5C	3,489 fps	63,200 PSI
	AR2217	.224"	2.230"	46.8	3,329 fps	53,700 PSI	49.8C	3,472 fps	60,100 PSI
75 GR. HDY V-MAX	AR2206H	.224"	2.360"	33.0	3,119 fps	56,200 PSI	35.2	3,266 fps	61,200 PSI
	AR2208	.224"	2.360"	34.5	3,174 fps	55,200 PSI	36.8	3,330 fps	61,700 PSI
	AR2209	.224"	2.360"	39.0	3,227 fps	57,900 PSI	41.5	3,376 fps	63,700 PSI
	AR2213SC	.224"	2.360"	42.0	3,201 fps	56,500 PSI	45.1	3,352 fps	63,200 PSI

C = Compressed Load; L = Lead Projectile

RIFLE DATA

223 Winchester Super Short Magnum				Case: Winchester Twist: 1:8" Primer: Winchester LR			Barrel length: 24" Trim length: 1.660"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
	AR2217	.224"	2.360"	46.0	3,250 fps	55,900 PSI	49.0C	3,378 fps	62,400 PSI
77 GR. SIE HPBT	AR2206H	.224"	2.230"	32.0	3,048 fps	58,100 PSI	34.2	3,196 fps	62,700 PSI
	AR2208	.224"	2.230"	33.5	3,099 fps	59,100 PSI	35.8	3,249 fps	63,000 PSI
	AR2209	.224"	2.230"	37.0	3,135 fps	54,600 PSI	39.5	3,289 fps	61,000 PSI
	AR2213SC	.224"	2.230"	40.5	3,159 fps	57,600 PSI	43.3	3,299 fps	62,700 PSI
	AR2217	.224"	2.230"	44.5	3,221 fps	57,400 PSI	47.7C	3,359 fps	63,500 PSI
6mm-222				Case: Remington (reformed) Twist: 1:9" Primer: Remington 7 1/2			Barrel length: 23.5" Trim length: 1.690"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
60 GR. SIE HP	AR2207	.243"	2.200"	17.0	2,792 fps	37,800 CUP	19.0	3,023 fps	48,500 CUP
	AR2206H	.243"	2.200"	21.5	2,748 fps	42,000 CUP	23.5	3,043 fps	50,200 CUP
75 GR. HDY HP	AR2207	.243"	2.200"	16.0	2,469 fps	36,600 CUP	18.0	2,718 fps	47,600 CUP
	AR2206H	.243"	2.200"	20.0	2,443 fps	39,600 CUP	22.0	2,660 fps	46,700 CUP
85 GR. SPR SP	AR2207	.243"	2.260"	14.5	2,292 fps	37,800 CUP	16.5	2,514 fps	47,600 CUP
	AR2206H	.243"	2.260"	19.5	2,375 fps	42,400 CUP	20.5	2,505 fps	49,600 CUP
100 GR. HDY SP	AR2207	.243"	2.260"	13.0	1,912 fps	36,000 CUP	15.0	2,090 fps	46,300 CUP
	AR2206H	.243"	2.260"	17.0	1,998 fps	36,000 CUP	19.0	2,212 fps	49,100 CUP
6 x 45mm (6mm-223)				Case: Remington (reformed) Twist: 1:9" Primer: Federal 205M			Barrel length: 24" Trim length: 1.750"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
60 GR. SIE HP	AR2219	.243"	2.260"	23.0	2,849 fps	39,500 CUP	25.0	3,097 fps	47,000 CUP
	Bench Mark 2	.243"	2.260"	24.0	2,636 fps	32,000 CUP	27.0C	3,042 fps	41,600 CUP
	AR2206H	.243"	2.260"	25.5	2,872 fps	40,000 CUP	27.5C	3,102 fps	48,500 CUP
62 GR. BAR VG	Bench Mark 2	.243"	2.350"	24.0	2,726 fps	36,400 CUP	27.0C	3,064 fps	49,400 CUP
	Bench Mark 8208	.243"	2.350"	24.0	2,636 fps	33,000 CUP	27.0C	3,019 fps	44,600 CUP
70 GR. HDY SP	AR2219	.243"	2.260"	23.0	2,758 fps	39,800 CUP	25.0	2,985 fps	47,500 CUP
	Bench Mark 2	.243"	2.260"	24.0	2,609 fps	45,200 CUP	27.0C	2,962 fps	45,200 CUP
	Bench Mark 8208	.243"	2.260"	24.0	2,555 fps	32,000 CUP	27.0C	2,916 fps	41,200 CUP
	AR2206H	.243"	2.260"	25.5	2,809 fps	44,000 CUP	27.5	3,034 fps	49,500 CUP
75 GR. HDY HP	AR2219	.243"	2.260"	23.0	2,774 fps	45,500 CUP	24.0	2,860 fps	47,500 CUP
	Bench Mark 2	.243"	2.260"	24.0	2,587 fps	34,200 CUP	27.0C	2,923 fps	47,200 CUP
	Bench Mark 8208	.243"	2.260"	24.0	2,513 fps	31,400 CUP	27.0C	2,882 fps	44,500 CUP
	AR2206H	.243"	2.260"	25.0	2,704 fps	39,300 CUP	27.0C	2,952 fps	48,000 CUP
80 GR. SPR SP	AR2219	.243"	2.350"	21.5	2,503 fps	37,600 CUP	23.5	2,783 fps	47,500 CUP
	Bench Mark 2	.243"	2.350"	24.0	2,608 fps	36,400 CUP	27.0C	2,919 fps	48,600 CUP
	Bench Mark 8208	.243"	2.350"	24.0	2,576 fps	34,400 CUP	27.0C	2,867 fps	44,200 CUP
	AR2206H	.243"	2.350"	25.0	2,689 fps	40,900 CUP	27.0C	2,904 fps	48,500 CUP
85 GR. SPR SP	AR2219	.243"	2.350"	21.5	2,480 fps	41,500 CUP	23.5	2,695 fps	49,000 CUP
	Bench Mark 2	.243"	2.350"	23.0	2,518 fps	35,800 CUP	26.2C	2,829 fps	49,300 CUP
	Bench Mark 8208	.243"	2.350"	23.5	2,525 fps	34,800 CUP	26.5C	2,842 fps	48,000 CUP

RIFLE DATA

6 x 45mm (6mm-223)				Case: Remington (reformed)			Barrel length: 24"		
				Twist: 1:9"			Trim length: 1.750"		
				Primer: Federal 205M					
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
	AR2206H	.243"	2.350"	24.0	2,559 fps	39,300 CUP	26.0C	2,786 fps	49,000 CUP
90 GR. SPR SP	AR2219	.243"	2.350"	20.5	2,391 fps	41,000 CUP	22.5	2,531 fps	49,500 CUP
	Bench Mark 2	.243"	2.350"	23.0	2,453 fps	36,600 CUP	26.0C	2,739 fps	48,900 CUP
	Bench Mark 8208	.243"	2.350"	23.0	2,438 fps	35,600 CUP	26.0C	2,729 fps	46,300 CUP
	AR2206H	.243"	2.350"	23.5	2,509 fps	41,500 CUP	25.5	2,721 fps	50,000 CUP
100 GR. HDY SP	Bench Mark 2	.243"	2.340"	23.5	2,456 fps	43,900 CUP	24.5C	2,546 fps	48,700 CUP
	Bench Mark 8208	.243"	2.340"	23.0	2,365 fps	38,300 CUP	25.0C	2,558 fps	46,200 CUP
	AR2206H	.243"	2.340"	22.0	2,414 fps	42,000 CUP	24.0C	2,616 fps	50,000 CUP
6 x 47mm				Case: Federal			Barrel length: 23.5"		
				Twist: 1:14"			Trim length: 1.840"		
				Primer: Federal 205M					
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
60 GR. SIE HP	AR2207	.243"	2.400"	22.0	2,895 fps	35,400 CUP	24.0	3,170 fps	49,800 CUP
60 GR.	Bench Mark 1	-	-	25.0	2,955 fps	-	27.0	3,180 fps	-
60 GR. SIE HP	AR2219	.243"	2.400"	26.0	3,040 fps	38,100 CUP	28.0	3,222 fps	44,500 CUP
60 GR.	AR2206	-	-	26.0	2,950 fps	-	28.0	3,110 fps	-
60 GR. SIE HP	AR2206H	.243"	2.400"	26.0	2,919 fps	35,600 CUP	28.5	3,098 fps	43,100 CUP
70 GR. HDY SP	AR2207	.243"	2.445"	21.0	2,726 fps	39,300 CUP	23.0	2,944 fps	49,400 CUP
70 GR.	Bench Mark 1	-	-	24.5	2,785 fps	-	27.0	2,990 fps	-
70 GR. HDY SP	AR2219	.243"	2.445"	26.0	2,935 fps	43,000 CUP	28.0	3,116 fps	49,800 CUP
70 GR.	AR2206	-	-	26.0	2,840 fps	-	28.0	2,970 fps	-
70 GR. HDY SP	AR2206H	.243"	2.445"	26.0	2,745 fps	37,600 CUP	28.0	2,915 fps	44,700 CUP
75 GR. SPR HP	AR2207	.243"	2.445"	20.5	2,664 fps	41,500 CUP	22.5	2,852 fps	48,900 CUP
75 GR.	Bench Mark 1	-	-	23.5	2,680 fps	-	25.5	2,890 fps	-
75 GR. SPR HP	AR2219	.243"	2.445"	24.0	2,698 fps	40,300 CUP	26.0	2,958 fps	48,400 CUP
75 GR.	AR2206	-	-	25.0	2,670 fps	-	27.0	2,870 fps	-
75 GR. SPR HP	AR2206H	.243"	2.445"	25.5	2,709 fps	38,200 CUP	27.5	2,911 fps	47,500 CUP
80 GR. SPR SP	AR2207	.243"	2.440"	20.0	2,527 fps	39,800 CUP	22.0	2,700 fps	46,900 CUP
80 GR.	Bench Mark 1	-	-	21.0	2,550 fps	-	23.0	2,750 fps	-
80 GR. SPR SP	AR2219	.243"	2.440"	23.5	2,604 fps	41,400 CUP	25.5	2,808 fps	48,000 CUP
80 GR.	AR2206	-	-	24.0	2,495 fps	-	26.0	2,705 fps	-
80 GR. SPR SP	AR2206H	.243"	2.440"	25.0	2,622 fps	40,400 CUP	27.0	2,860 fps	49,800 CUP
85 GR. SPR SP	AR2207	.243"	2.440"	19.5	2,400 fps	37,100 CUP	21.5	2,571 fps	46,900 CUP
	AR2219	.243"	2.440"	23.0	2,514 fps	40,800 CUP	25.0	2,713 fps	48,000 CUP
	AR2206H	.243"	2.440"	24.0	2,483 fps	39,800 CUP	26.0	2,712 fps	49,400 CUP

RIFLE DATA

6mm PPC				Case: Sako (reformed)			Barrel length: 24"		
				Twist: 1:14"			Trim length: 1.510"		
				Primer: Remington 7 1/2					
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
55 GR. NOS BT	AR2207	.243"	2.100"	25.0	3,281 fps	42,300 CUP	26.7	3,443 fps	50,200 CUP
	AR2219	.243"	2.100"	27.5	3,161 fps	39,100 CUP	29.5	3,390 fps	49,600 CUP
	Bench Mark 2	.243"	2.100"	28.0	3,206 fps	42,100 CUP	30.0	3,405 fps	50,000 CUP
58 GR. HDY V-MAX	AR2207	.243"	2.075"	24.0	3,109 fps	40,200 CUP	25.7	3,349 fps	49,300 CUP
	AR2219	.243"	2.075"	27.0	3,161 fps	42,500 CUP	29.0	3,355 fps	50,600 CUP
	Bench Mark 2	.243"	2.075"	27.7	3,118 fps	39,800 CUP	29.5	3,322 fps	50,000 CUP
	Bench Mark 8208	.243"	2.075"	27.5	3,084 fps	39,400 CUP	30.0C	3,353 fps	49,800 CUP
60 GR. SIE HP	AR2207	.243"	2.080"	21.0	2,856 fps	46,500 CUP	23.0	2,973 fps	49,500 CUP
60 GR.	Bench Mark 1	-	-	24.0	2,920 fps	-	25.5	3,100 fps	-
60 GR. SIE HP	AR2219	.243"	2.080"	26.0	3,090 fps	45,000 CUP	27.0	3,165 fps	47,000 CUP
	Bench Mark 2	.243"	2.080"	26.0	2,909 fps	36,100 CUP	29.0	3,236 fps	48,600 CUP
	Bench Mark 8208	.243"	2.080"	27.0	3,053 fps	40,000 CUP	30.0C	3,334 fps	51,100 CUP
60 GR.	AR2206	-	-	27.0	3,060 fps	-	29.0	3,280 fps	-
60 GR. SIE HP	AR2206H	.243"	2.080"	27.0	2,913 fps	44,500 CUP	29.0	3,218 fps	48,500 CUP
	AR2208	.243"	2.080"	27.0	2,901 fps	40,200 CUP	29.0	3,076 fps	44,100 CUP
65 GR. HDY V-MAX	AR2207	.243"	2.075"	23.5	3,011 fps	41,700 CUP	25.5	3,218 fps	50,500 CUP
	AR2219	.243"	2.075"	26.3	2,984 fps	38,900 CUP	28.0	3,178 fps	49,400 CUP
	Bench Mark 2	.243"	2.075"	26.6	3,003 fps	42,700 CUP	28.3	3,159 fps	49,800 CUP
	Bench Mark 8208	.243"	2.140"	27.0	3,064 fps	42,300 CUP	29.5C	3,253 fps	50,900 CUP
70 GR. NOS BT	AR2207	.243"	2.100"	21.0	2,745 fps	47,000 CUP	22.0	2,839 fps	50,400 CUP
70 GR.	Bench Mark 1	-	-	24.0	2,780 fps	-	26.0	3,010 fps	-
70 GR. NOS BT	AR2219	.243"	2.100"	25.0	2,967 fps	46,500 CUP	26.5	3,068 fps	50,000 CUP
	Bench Mark 2	.243"	2.100"	26.0	2,803 fps	35,500 CUP	29.0	3,149 fps	50,500 CUP
	Bench Mark 8208	.243"	2.100"	27.0	2,900 fps	47,400 CUP	29.5C	3,193 fps	50,300 CUP
70 GR.	AR2206	-	-	26.0	2,780 fps	-	29.0	3,100 fps	-
70 GR. NOS BT	AR2206H	.243"	2.100"	26.0	2,714 fps	42,000 CUP	28.0	3,034 fps	46,500 CUP
	AR2208	.243"	2.100"	27.0	2,845 fps	39,800 CUP	29.0	3,034 fps	48,000 CUP
75 GR. SPR HP	AR2207	.243"	2.115"	20.0	2,661 fps	45,500 CUP	21.0	2,780 fps	49,000 CUP
75 GR.	Bench Mark 1	-	-	22.0	2,615 fps	-	24.0	2,850 fps	-
75 GR. SPR HP	AR2219	.243"	2.115"	24.5	2,809 fps	45,000 CUP	26.0	2,974 fps	49,500 CUP
	Bench Mark 2	.243"	2.115"	25.5	2,749 fps	38,900 CUP	28.5	3,037 fps	50,100 CUP
	Bench Mark 8208	.243"	2.115"	26.0	2,817 fps	38,400 CUP	28.7	3,089 fps	51,200 CUP
75 GR.	AR2206	-	-	25.5	2,700 fps	-	27.5	3,010 fps	-
75 GR. SPR HP	AR2206H	.243"	2.115"	25.5	2,740 fps	43,500 CUP	27.5	2,981 fps	48,500 CUP
	AR2208	.243"	2.115"	26.0	2,737 fps	40,000 CUP	28.0	2,906 fps	47,000 CUP
80 GR. SPR SP	AR2207	.243"	2.115"	19.0	2,359 fps	37,600 CUP	21.0	2,641 fps	49,500 CUP
	AR2219	.243"	2.115"	23.5	2,658 fps	42,000 CUP	25.5	2,866 fps	47,500 CUP
	Bench Mark 2	.243"	2.115"	25.0	2,674 fps	36,400 CUP	28.0	2,970 fps	50,400 CUP
	Bench Mark 8208	.243"	2.115"	26.0	2,811 fps	39,700 CUP	28.3	3,023 fps	51,400 CUP
	AR2206H	.243"	2.115"	25.0	2,641 fps	40,400 CUP	27.0	2,904 fps	47,500 CUP
	AR2208	.243"	2.115"	26.0	2,689 fps	38,200 CUP	28.0	2,843 fps	44,400 CUP
85 GR. SIE HPBT	AR2219	.243"	2.080"	23.0	2,571 fps	44,000 CUP	25.0	2,794 fps	49,000 CUP
	Bench Mark 2	.243"	2.080"	24.5	2,619 fps	38,300 CUP	27.0	2,860 fps	50,000 CUP
	Bench Mark 8208	.243"	2.080"	25.0	2,719 fps	41,700 CUP	27.5	2,928 fps	52,200 CUP
	AR2206H	.243"	2.080"	24.0	2,540 fps	41,500 CUP	26.0	2,782 fps	48,000 CUP

RIFLE DATA

6mm PPC				Case: Sako (reformed)			Barrel length: 24"		
				Twist: 1:14"			Trim length: 1.510"		
				Primer: Remington 7 1/2					
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
	AR2208	.243"	2.080"	26.0	2,671 fps	43,400 CUP	28.0	2,848 fps	50,000 CUP
107 GR. SIE HPBT	AR2219	.243"	2.240"	22.0	2,351 fps	42,000 CUP	24.5	2,553 fps	51,100 CUP
	Bench Mark 2	.243"	2.240"	24.0	2,437 fps	43,400 CUP	25.8	2,584 fps	51,200 CUP
	Bench Mark 8208	.243"	2.240"	23.0	2,403 fps	42,400 CUP	25.3	2,584 fps	51,300 CUP
	AR2206H	.243"	2.240"	24.5	2,426 fps	41,500 CUP	26.8C	2,631 fps	49,700 CUP
	AR2208	.243"	2.240"	26.0	2,503 fps	44,900 CUP	27.7C	2,626 fps	50,000 CUP
6mm BR Remington				Case: Remington			Barrel length: 24"		
				Twist: 1:9"			Trim length: 1.510"		
				Primer: Remington 7 1/2					
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
55 GR. NOS BT	AR2207	.243"	2.080"	26.0	3,230 fps	37,600 CUP	28.8	3,542 fps	51,000 CUP
	AR2219	.243"	2.080"	30.0	3,333 fps	38,800 CUP	32.5	3,604 fps	51,100 CUP
	Bench Mark 2	.243"	2.080"	31.0	3,322 fps	41,200 CUP	33.5C	3,557 fps	50,300 CUP
	Bench Mark 8208	.243"	2.080"	30.0	3,204 fps	33,900 CUP	33.5C	3,546 fps	44,800 CUP
	AR2206H	.243"	2.080"	31.0	3,233 fps	37,300 CUP	33.0C	3,449 fps	45,300 CUP
	AR2208	.243"	2.080"	31.0	3,043 fps	31,600 CUP	34.0C	3,347 fps	41,800 CUP
58 GR. HDY V-MAX	AR2207	.243"	2.140"	26.0	3,205 fps	38,000 CUP	28.5	3,454 fps	49,900 CUP
	AR2219	.243"	2.140"	29.5	3,240 fps	40,100 CUP	31.3	3,415 fps	48,400 CUP
	Bench Mark 2	.243"	2.140"	30.0	3,241 fps	42,000 CUP	32.0	3,450 fps	50,600 CUP
	Bench Mark 8208	.243"	2.140"	30.0	3,207 fps	36,800 CUP	33.5C	3,552 fps	50,000 CUP
	AR2206H	.243"	2.140"	31.5	3,250 fps	38,000 CUP	33.5	3,415 fps	45,100 CUP
	AR2208	.243"	2.140"	31.0	3,052 fps	34,300 CUP	34.0C	3,355 fps	46,100 CUP
60 GR. SIE HP	AR2207	.243"	2.080"	25.0	3,137 fps	39,600 CUP	27.5	3,378 fps	50,700 CUP
	AR2219	.243"	2.080"	30.0	3,281 fps	42,000 CUP	32.0	3,481 fps	49,500 CUP
	Bench Mark 2	.243"	2.080"	30.0	3,165 fps	41,400 CUP	32.0	3,373 fps	49,900 CUP
	Bench Mark 8208	.243"	2.080"	29.0	3,121 fps	36,800 CUP	32.7	3,475 fps	48,900 CUP
60 GR.	AR2206	-	-	30.5	3,175 fps	-	32.5	3,380 fps	-
60 GR. SIE HP	AR2206H	.243"	2.080"	31.0	3,177 fps	42,000 CUP	33.0C	3,384 fps	47,000 CUP
	AR2208	.243"	2.080"	31.0	3,161 fps	36,000 CUP	34.0C	3,442 fps	48,500 CUP
62 GR. BAR VG FB	AR2207	.243"	2.140"	24.4	3,028 fps	41,800 CUP	26.0	3,145 fps	47,700 CUP
	AR2219	.243"	2.140"	27.8	3,070 fps	42,000 CUP	29.6	3,190 fps	47,600 CUP
	Bench Mark 2	.243"	2.140"	29.1	3,060 fps	40,300 CUP	31.0C	3,265 fps	48,300 CUP
	Bench Mark 8208	.243"	2.140"	29.6	3,146 fps	41,600 CUP	31.5C	3,307 fps	47,900 CUP
	AR2206H	.243"	2.140"	29.6	3,166 fps	41,500 CUP	31.5C	3,349 fps	49,300 CUP
	AR2208	.243"	2.140"	28.7	3,102 fps	45,200 CUP	31.5C	3,258 fps	49,200 CUP
65 GR. HDY V-MAX	AR2207	.243"	2.140"	25.0	3,071 fps	42,200 CUP	27.0	3,242 fps	49,100 CUP
	AR2219	.243"	2.140"	27.0	2,978 fps	36,800 CUP	30.5	3,303 fps	49,600 CUP
	Bench Mark 2	.243"	2.140"	27.0	2,997 fps	36,000 CUP	30.5	3,205 fps	46,400 CUP
	Bench Mark 8208	.243"	2.140"	29.0	3,084 fps	36,300 CUP	32.3	3,397 fps	48,700 CUP
	AR2206H	.243"	2.140"	30.0	3,064 fps	37,700 CUP	33.0	3,366 fps	49,300 CUP
	AR2208	.243"	2.140"	31.0	3,021 fps	42,200 CUP	33.0	3,268 fps	49,900 CUP
70 GR. NOS BT	AR2219	.243"	2.100"	28.0	2,976 fps	38,700 CUP	30.0	3,200 fps	47,000 CUP
	Bench Mark 2	.243"	2.100"	29.7	3,019 fps	39,900 CUP	31.6	3,227 fps	49,000 CUP
	Bench Mark 8208	.243"	2.100"	29.5	3,045 fps	37,100 CUP	32.7	3,361 fps	51,600 CUP

C = Compressed Load; L = Lead Projectile

RIFLE DATA

6mm BR Remington				Case: Remington			Barrel length: 24"		
				Twist: 1:9"			Trim length: 1.510"		
				Primer: Remington 7 1/2					
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
70 GR.	AR2206	-	-	29.0	2,995 fps	-	31.0	3,200 fps	-
70 GR. NOS BT	AR2206H	.243"	2.100"	29.0	2,895 fps	38,200 CUP	31.0	3,188 fps	47,000 CUP
	AR2208	.243"	2.100"	31.0	3,101 fps	38,900 CUP	34.0C	3,342 fps	49,400 CUP
75 GR. SPR HP	AR2219	.243"	2.115"	26.0	2,756 fps	37,100 CUP	28.0	3,096 fps	47,000 CUP
	Bench Mark 2	.243"	2.115"	29.0	2,959 fps	41,700 CUP	31.0	3,127 fps	49,600 CUP
	Bench Mark 8208	.243"	2.115"	28.0	2,926 fps	38,900 CUP	30.8	3,167 fps	48,800 CUP
75 GR.	AR2206	-	-	28.5	2,915 fps	-	30.5	3,120 fps	-
75 GR. SPR HP	AR2206H	.243"	2.115"	28.5	2,980 fps	40,000 CUP	30.5	3,129 fps	47,000 CUP
	AR2208	.243"	2.115"	30.5	3,057 fps	42,200 CUP	32.5	3,239 fps	50,000 CUP
80 GR. SPR SP	AR2219	.243"	2.115"	26.0	2,787 fps	39,300 CUP	28.0	3,005 fps	47,000 CUP
	Bench Mark 2	.243"	2.115"	28.5	2,872 fps	40,900 CUP	30.5	3,048 fps	49,400 CUP
	Bench Mark 8208	.243"	2.115"	27.0	2,823 fps	39,800 CUP	30.4	3,107 fps	49,500 CUP
	AR2206H	.243"	2.115"	28.0	2,945 fps	40,400 CUP	30.0	3,100 fps	47,000 CUP
	AR2208	.243"	2.115"	30.5	2,999 fps	43,100 CUP	32.5	3,159 fps	50,700 CUP
85 GR. SPR SP	AR2219	.243"	2.115"	22.0	2,472 fps	40,400 CUP	24.0	2,632 fps	47,000 CUP
	Bench Mark 2	.243"	2.115"	27.7	2,792 fps	42,100 CUP	29.7	2,960 fps	49,800 CUP
	Bench Mark 8208	.243"	2.115"	27.0	2,782 fps	41,400 CUP	29.8	3,016 fps	49,900 CUP
	AR2206H	.243"	2.115"	24.5	2,590 fps	38,100 CUP	26.5	2,770 fps	49,500 CUP
	AR2208	.243"	2.115"	29.0	2,840 fps	43,100 CUP	31.0	3,007 fps	50,800 CUP
90 GR. SPR SP	AR2219	.243"	2.115"	22.0	2,423 fps	40,600 CUP	24.0	2,607 fps	48,000 CUP
	Bench Mark 2	.243"	2.115"	27.0	2,703 fps	43,200 CUP	29.0	2,868 fps	49,300 CUP
	Bench Mark 8208	.243"	2.115"	25.0	2,599 fps	41,500 CUP	28.0	2,813 fps	50,000 CUP
	AR2206H	.243"	2.115"	24.5	2,560 fps	40,400 CUP	27.0	2,743 fps	48,000 CUP
	AR2208	.243"	2.115"	27.5	2,674 fps	39,500 CUP	30.2	2,886 fps	47,500 CUP
100 GR. HDY SP	AR2219	.243"	2.150"	22.0	2,275 fps	42,000 CUP	23.5	2,519 fps	50,000 CUP
	Bench Mark 2	.243"	2.150"	26.0	2,485 fps	43,100 CUP	28.0	2,670 fps	49,500 CUP
	Bench Mark 8208	.243"	2.150"	24.0	2,388 fps	40,500 CUP	27.0	2,630 fps	49,800 CUP
	AR2206H	.243"	2.150"	24.5	2,423 fps	42,500 CUP	27.0	2,603 fps	49,000 CUP
	AR2208	.243"	2.150"	26.0	2,491 fps	43,000 CUP	28.0	2,649 fps	48,900 CUP
107 GR. SIE HPBT	AR2219	.243"	2.250"	23.0	2,325 fps	40,800 CUP	25.5	2,525 fps	49,200 CUP
	Bench Mark 2	.243"	2.250"	26.0	2,466 fps	42,000 CUP	28.0	2,613 fps	49,800 CUP
	Bench Mark 8208	.243"	2.250"	24.0	2,380 fps	42,700 CUP	26.7	2,555 fps	50,400 CUP
	AR2206H	.243"	2.250"	24.5	2,329 fps	37,900 CUP	27.5	2,605 fps	49,800 CUP
	AR2208	.243"	2.250"	26.0	2,367 fps	39,800 CUP	29.0C	2,620 fps	50,100 CUP

RIFLE DATA

6mm-250 (6mm International)				Case: Winchester (reformed)			Barrel length: 24"		
				Twist: 1:8"			Trim length: 1.902"		
				Primer: Federal 210					
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
55 GR. NOS BT	Bench Mark 2	.243"	2.500"	34.0	3,452 fps	43,700 CUP	37.0	3,684 fps	52,000 CUP
	AR2206H	.243"	2.500"	37.0	3,544 fps	41,100 CUP	39.7C	3,766 fps	51,000 CUP
	AR2208	.243"	2.500"	38.0	3,515 fps	43,900 CUP	40.5C	3,720 fps	50,900 CUP
60 GR. SIE HP	Bench Mark 2	.243"	2.400"	33.0	3,337 fps	44,500 CUP	35.5	3,525 fps	51,000 CUP
	AR2206H	.243"	2.400"	36.0	3,417 fps	40,500 CUP	38.5	3,674 fps	51,400 CUP
	AR2208	.243"	2.400"	37.0	3,398 fps	44,300 CUP	39.3	3,601 fps	51,400 CUP
70 GR. SIE HPBT	Bench Mark 2	.243"	2.400"	31.0	3,149 fps	47,000 CUP	34.3	3,311 fps	49,000 CUP
	AR2206H	.243"	2.400"	34.0	3,228 fps	40,900 CUP	37.0	3,436 fps	51,300 CUP
	AR2208	.243"	2.400"	35.0	3,166 fps	40,200 CUP	37.5	3,383 fps	50,900 CUP
80 GR. SIE BTSP	AR2206H	.243"	2.400"	34.0	3,185 fps	45,800 CUP	36.0	3,304 fps	51,000 CUP
	AR2208	.243"	2.400"	34.0	3,104 fps	44,800 CUP	36.7	3,274 fps	51,400 CUP
	AR2209	.243"	2.400"	39.0	3,082 fps	40,400 CUP	41.0C	3,211 fps	45,000 CUP
85 GR. SPR SPBT	AR2206H	.243"	2.450"	32.7	3,070 fps	45,300 CUP	34.8	3,191 fps	50,700 CUP
	AR2208	.243"	2.450"	33.0	3,011 fps	44,100 CUP	35.4	3,171 fps	51,700 CUP
	AR2209	.243"	2.450"	38.5	3,059 fps	42,800 CUP	41.0C	3,223 fps	48,900 CUP
90 GR. SPR SP	AR2206H	.243"	2.400"	32.4	2,939 fps	46,000 CUP	34.5	3,060 fps	51,400 CUP
	AR2208	.243"	2.400"	33.3	2,923 fps	44,900 CUP	35.5	3,053 fps	51,300 CUP
	AR2209	.243"	2.400"	38.5	2,985 fps	44,900 CUP	41.0C	3,126 fps	49,900 CUP
95 GR. NOS PART	AR2206H	.243"	2.500"	31.0	2,830 fps	45,900 CUP	33.0	2,935 fps	50,600 CUP
	AR2208	.243"	2.500"	31.7	2,819 fps	43,900 CUP	33.8	2,962 fps	50,800 CUP
	AR2209	.243"	2.500"	36.5	2,887 fps	44,800 CUP	39.0C	3,045 fps	50,700 CUP
100 GR. HDY SP	AR2206H	.243"	2.500"	29.8	2,710 fps	46,500 CUP	31.8	2,835 fps	50,200 CUP
	AR2208	.243"	2.500"	31.5	2,741 fps	46,000 CUP	33.5	2,851 fps	50,800 CUP
	AR2209	.243"	2.500"	35.5	2,769 fps	45,300 CUP	37.9C	2,890 fps	50,900 CUP
105 GR. HDY A-MAX	AR2206H	.243"	2.600"	28.9	2,646 fps	46,000 CUP	30.8	2,731 fps	51,700 CUP
	AR2208	.243"	2.600"	30.8	2,726 fps	48,600 CUP	32.8	2,822 fps	51,400 CUP
	AR2209	.243"	2.600"	34.7	2,724 fps	45,700 CUP	37.0C	2,883 fps	52,200 CUP
	AR2213SC	.243"	2.600"	37.6	2,692 fps	45,400 CUP	40.0C	2,800 fps	48,700 CUP
107 GR. SIE HPBT	AR2206H	.243"	2.600"	29.7	2,659 fps	45,900 CUP	31.6	2,783 fps	51,700 CUP
	AR2208	.243"	2.600"	31.2	2,716 fps	47,400 CUP	33.2	2,817 fps	51,800 CUP
	AR2209	.243"	2.600"	35.2	2,720 fps	45,000 CUP	37.5	2,844 fps	50,300 CUP
	AR2213SC	.243"	2.600"	37.6	2,606 fps	40,600 CUP	40.0C	2,738 fps	45,500 CUP

243 Winchester				Case: Winchester			Barrel length: 24"		
				Twist: 1:10"			Trim length: 2.035"		
				Primer: Winchester LR					
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
55 GR. NOS BT LF	AR2206H	.243"	2.710"	35.7	3,621 fps	50,700 PSI	38.0	3,777 fps	57,100 PSI
	AR2208	.243"	2.710"	37.1	3,646 fps	53,000 PSI	39.5	3,782 fps	57,700 PSI
55 GR. NOS BT	Bench Mark 2	.243"	2.650"	39.0	3,575 fps	42,600 CUP	41.5	3,815 fps	50,100 CUP
	Bench Mark 8208	.243"	2.650"	40.0	3,687 fps	47,700 PSI	43.0	3,931 fps	58,600 PSI
55 GR.	AR2206	-	-	39.0	3,695 fps	-	42.0	3,890 fps	-
55 GR. NOS BT	AR2206H	.243"	2.650"	40.0	3,638 fps	35,100 CUP	44.5	4,058 fps	49,300 CUP
	AR2208	.243"	2.650"	41.0	3,776 fps	42,000 CUP	45.0	4,000 fps	50,000 CUP
58 GR. HDY V-MAX	Bench Mark 2	.243"	2.600"	35.0	3,417 fps	41,800 CUP	37.5	3,607 fps	50,000 CUP

C = Compressed Load: L = Lead Projectile

RIFLE DATA

243 Winchester				Case: Winchester Twist: 1:10" Primer: Winchester LR			Barrel length: 24" Trim length: 2.035"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Gr.	Velocity	Pressure	Gr.	Velocity	Pressure
	Bench Mark 8208	.243"	2.600"	39.0	3,581 fps	47,300 PSI	42.3	3,825 fps	58,300 PSI
	AR2206H	.243"	2.600"	40.0	3,643 fps	43,300 CUP	43.0	3,851 fps	49,900 CUP
	AR2208	.243"	2.600"	41.0	3,617 fps	44,800 CUP	44.0	3,790 fps	49,800 CUP
60 GR. SIE HP	Bench Mark 2	.243"	2.600"	38.5	3,587 fps	47,000 CUP	41.2	3,713 fps	50,700 CUP
	Bench Mark 8208	.243"	2.600"	37.0	3,505 fps	50,000 PSI	40.2	3,702 fps	58,500 PSI
60 GR.	AR2206	-	-	38.0	3,550 fps	-	41.5	3,715 fps	-
60 GR. SIE HP	AR2206H	.243"	2.600"	38.0	3,521 fps	40,500 CUP	42.0	3,812 fps	50,600 CUP
	AR2208	.243"	2.600"	40.0	3,671 fps	45,400 CUP	42.7	3,816 fps	50,400 CUP
62 GR. BAR VG FB	Bench Mark 2	.243"	2.620"	36.1	3,442 fps	52,000 PSI	38.0	3,586 fps	58,600 PSI
	Bench Mark 8208	.243"	2.620"	35.0	3,321 fps	46,500 PSI	39.0	3,598 fps	58,800 PSI
	AR2206H	.243"	2.620"	36.7	3,478 fps	51,200 PSI	39.0	3,622 fps	57,400 PSI
	AR2208	.243"	2.620"	39.3	3,476 fps	50,900 PSI	41.4	3,620 fps	57,100 PSI
65 GR. HDY V-MAX	Bench Mark 2	.243"	2.600"	37.0	3,417 fps	44,300 CUP	40.0	3,598 fps	50,600 CUP
	Bench Mark 8208	.243"	2.600"	37.0	3,363 fps	45,800 PSI	41.0	3,666 fps	58,500 PSI
	AR2206H	.243"	2.600"	38.0	3,522 fps	44,500 CUP	41.0	3,677 fps	49,200 CUP
	AR2208	.243"	2.600"	38.0	3,494 fps	43,100 CUP	41.0	3,682 fps	49,600 CUP
70 GR. SPR HP	Bench Mark 2	.243"	2.625"	36.5	3,128 fps	45,100 CUP	39.3	3,491 fps	50,300 CUP
	Bench Mark 8208	.243"	2.625"	35.0	3,232 fps	47,600 PSI	38.6	3,461 fps	58,100 PSI
70 GR.	AR2206	-	-	36.0	3,295 fps	-	38.0	3,495 fps	-
70 GR. SPR HP	AR2206H	.243"	2.625"	36.0	3,286 fps	42,700 CUP	39.5	3,477 fps	49,200 CUP
	AR2208	.243"	2.625"	38.0	3,433 fps	45,500 CUP	40.5	3,574 fps	50,100 CUP
75 GR. HDY HP	Bench Mark 8208	.243"	2.640"	34.5	3,114 fps	48,200 PSI	37.8	3,316 fps	57,900 PSI
75 GR.	AR2206	-	-	34.0	3,125 fps	-	36.5	3,330 fps	-
75 GR. HDY HP	AR2206H	.243"	2.640"	34.0	3,101 fps	40,900 CUP	38.0	3,354 fps	49,400 CUP
	AR2208	.243"	2.640"	36.0	3,246 fps	45,000 CUP	38.5	3,408 fps	50,500 CUP
80 GR. HDY GMX	Bench Mark 8208	.243"	2.610"	33.0	2,961 fps	51,400 PSI	35.1	3,109 fps	58,800 PSI
	AR2206H	.243"	2.610"	32.7	2,982 fps	51,900 PSI	34.8	3,123 fps	58,100 PSI
	AR2208	.243"	2.610"	34.1	2,986 fps	51,200 PSI	36.3	3,137 fps	58,700 PSI
	AR2209	.243"	2.610"	38.3	3,045 fps	52,600 PSI	40.7	3,183 fps	58,500 PSI
80 GR. SIE BTSP	Bench Mark 8208	.243"	2.600"	34.0	3,013 fps	45,400 PSI	38.0	3,269 fps	57,500 PSI
80 GR.	AR2206	-	-	34.0	3,055 fps	-	36.0	3,225 fps	-
80 GR. SIE BTSP	AR2206H	.243"	2.635"	35.0	3,123 fps	45,800 CUP	38.0	3,307 fps	50,100 CUP
	AR2208	.243"	2.635"	36.0	3,193 fps	45,400 CUP	38.5	3,355 fps	50,300 CUP
85 GR.	AR2206	-	-	32.0	2,950 fps	-	35.5	3,125 fps	-
85 GR. BAR TSX	AR2206H	.243"	2.620"	32.6	2,955 fps	51,800 PSI	34.7	3,089 fps	57,500 PSI
	AR2208	.243"	2.620"	34.3	2,997 fps	52,200 PSI	36.5	3,121 fps	58,000 PSI
	AR2209	.243"	2.620"	37.3	2,972 fps	49,600 PSI	40.5	3,141 fps	57,300 PSI
90 GR. SPR SP	AR2206H	.243"	2.625"	34.0	2,967 fps	44,900 CUP	36.5	3,114 fps	50,800 CUP
	AR2208	.243"	2.625"	34.0	2,964 fps	44,800 CUP	36.5	3,106 fps	50,400 CUP
	AR2209	.243"	2.625"	42.0	3,039 fps	44,400 CUP	44.5	3,185 fps	50,600 CUP
	AR2213SC	.243"	2.625"	45.0	3,010 fps	43,700 CUP	48.0C	3,203 fps	50,800 CUP
95 GR. NOS PART	AR2206H	.243"	2.650"	33.0	2,865 fps	45,000 CUP	35.0	2,990 fps	50,700 CUP
	AR2208	.243"	2.650"	33.0	2,870 fps	45,000 CUP	35.0	2,996 fps	50,200 CUP
	AR2209	.243"	2.650"	39.0	2,917 fps	45,800 CUP	42.0	3,087 fps	50,500 CUP
	AR2213SC	.243"	2.650"	42.0	2,930 fps	47,000 CUP	44.5C	3,052 fps	50,700 CUP

RIFLE DATA

243 Winchester				Case: Winchester Twist: 1:10" Primer: Winchester LR			Barrel length: 24" Trim length: 2.035"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
	AR2217	.243"	2.650"	45.0	2,946 fps	44,900 CUP	48.0C	3,077 fps	50,000 CUP
100 GR. SPR BTSP	Trail Boss	.243"	2.650"	8.0	1,045 fps	27,300 CUP	15.3	1,603 fps	39,100 CUP
	AR2206H	.243"	2.650"	31.0	2,683 fps	44,900 CUP	33.0	2,818 fps	50,100 CUP
	AR2208	.243"	2.650"	31.0	2,674 fps	42,700 CUP	33.7	2,838 fps	50,400 CUP
	AR2209	.243"	2.650"	37.0	2,806 fps	45,100 CUP	40.0	2,973 fps	51,000 CUP
	AR2213SC	.243"	2.650"	39.0	2,761 fps	44,400 CUP	42.0	2,924 fps	50,100 CUP
	AR2217	.243"	2.650"	44.0	2,876 fps	45,700 CUP	47.0C	3,000 fps	49,800 CUP
105 GR. HDY A-MAX	AR2206H	.243"	2.760"	30.5	2,619 fps	44,900 CUP	32.5	2,724 fps	50,100 CUP
	AR2208	.243"	2.760"	31.0	2,631 fps	45,600 CUP	33.0	2,769 fps	50,800 CUP
	AR2209	.243"	2.760"	35.0	2,663 fps	44,300 CUP	37.5	2,799 fps	49,500 CUP
	AR2213SC	.243"	2.760"	38.0	2,687 fps	43,900 CUP	41.0	2,846 fps	50,200 CUP
	AR2217	.243"	2.760"	43.0	2,798 fps	45,400 CUP	46.0C	2,930 fps	50,200 CUP
	AR2225	.243"	2.760"	46.0	2,772 fps	44,200 CUP	49.0C	2,986 fps	49,700 CUP
107 GR. SIE BTHP	AR2206H	.243"	2.850"	30.5	2,613 fps	45,900 CUP	32.5	2,719 fps	49,900 CUP
	AR2208	.243"	2.850"	31.0	2,630 fps	45,300 CUP	33.0	2,749 fps	50,400 CUP
	AR2209	.243"	2.850"	35.0	2,671 fps	43,100 CUP	37.5	2,800 fps	50,200 CUP
	AR2213SC	.243"	2.850"	38.0	2,678 fps	43,700 CUP	41.0	2,835 fps	50,100 CUP
	AR2217	.243"	2.850"	43.0	2,787 fps	44,700 CUP	46.0C	2,918 fps	50,100 CUP
	AR2225	.243"	2.850"	46.0	2,785 fps	42,800 CUP	49.0C	2,974 fps	48,500 CUP
6mm Remington (244 Remington)				Case: Winchester Twist: 1:9" Primer: Remington 9 1/2			Barrel length: 24" Trim length: 2.223"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
55 GR. NOS BT LF	Bench Mark 2	.243"	2.825"	40.0	3,584 fps	44,900 PSI	44.0	4,005 fps	61,700 PSI
	Bench Mark 8208	.243"	2.825"	40.0	3,540 fps	42,200 PSI	44.6	4,013 fps	60,800 PSI
	AR2206H	.243"	2.825"	41.0	3,598 fps	43,200 PSI	46.0	4,071 fps	61,800 PSI
	AR2208	.243"	2.825"	43.0	3,679 fps	46,900 PSI	47.0	4,027 fps	60,700 PSI
55 GR. NOS BT	Bench Mark 2	.243"	2.800"	40.0	3,656 fps	44,800 PSI	44.5	4,028 fps	59,600 PSI
	Bench Mark 8208	.243"	2.800"	40.0	3,533 fps	39,700 PSI	45.0	4,044 fps	59,300 PSI
	AR2206H	.243"	2.800"	42.0	3,656 fps	43,700 PSI	46.5	4,066 fps	59,300 PSI
	AR2208	.243"	2.800"	43.0	3,678 fps	45,700 PSI	47.5	4,023 fps	58,800 PSI
58 GR. HDY V-MAX	Bench Mark 2	.243"	2.775"	39.0	3,500 fps	42,200 PSI	43.0	3,896 fps	59,000 PSI
	Bench Mark 8208	.243"	2.775"	40.0	3,537 fps	42,700 PSI	44.5	3,939 fps	58,600 PSI
	AR2206H	.243"	2.775"	41.0	3,590 fps	44,500 PSI	46.0	3,972 fps	58,900 PSI
	AR2208	.243"	2.775"	42.0	3,571 fps	44,600 PSI	46.7	3,953 fps	59,600 PSI
60 GR. SIE HP	Bench Mark 2	.243"	2.700"	39.0	3,478 fps	44,400 PSI	43.0	3,826 fps	59,000 PSI
	Bench Mark 8208	.243"	2.700"	40.0	3,488 fps	43,000 PSI	44.5	3,907 fps	60,500 PSI
	AR2206H	.243"	2.700"	41.0	3,544 fps	45,300 PSI	46.0	3,934 fps	61,400 PSI
	AR2208	.243"	2.700"	42.0	3,565 fps	47,200 PSI	46.5	3,900 fps	60,200 PSI
65 GR. HDY V-MAX	Bench Mark 2	.243"	2.825"	39.0	3,472 fps	49,000 PSI	41.3	3,694 fps	60,200 PSI
	Bench Mark 8208	.243"	2.825"	39.0	3,412 fps	45,000 PSI	43.5	3,777 fps	60,900 PSI
	AR2206H	.243"	2.825"	39.0	3,460 fps	47,100 PSI	44.0	3,797 fps	60,600 PSI
	AR2208	.243"	2.825"	41.0	3,468 fps	47,600 PSI	45.5	3,775 fps	60,200 PSI
	AR2209	.243"	2.825"	48.0	3,564 fps	50,900 PSI	51.5C	3,763 fps	58,900 PSI

C = Compressed Load; L = Lead Projectile

RIFLE DATA

6mm Remington (244 Remington)				Case: Winchester Twist: 1:9" Primer: Remington 9 1/2			Barrel length: 24" Trim length: 2.223"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Gr.	Velocity	Pressure	Gr.	Velocity	Pressure
70 GR. SIE HPBT	Bench Mark 2	.243"	2.810"	38.0	3,315 fps	46,800 PSI	41.0	3,579 fps	59,300 PSI
	Bench Mark 8208	.243"	2.810"	38.0	3,236 fps	43,000 PSI	42.7	3,616 fps	59,500 PSI
	AR2206H	.243"	2.810"	39.0	3,435 fps	51,200 PSI	43.0	3,653 fps	60,100 PSI
	AR2208	.243"	2.810"	40.0	3,355 fps	47,800 PSI	44.5	3,639 fps	59,500 PSI
	AR2209	.243"	2.810"	46.0	3,360 fps	46,700 PSI	50.8C	3,671 fps	59,800 PSI
75 GR. HDY HP	Bench Mark 8208	.243"	2.825"	37.0	3,184 fps	48,100 PSI	41.5	3,470 fps	59,700 PSI
	AR2206H	.243"	2.825"	37.0	3,230 fps	49,900 PSI	41.5	3,482 fps	60,500 PSI
	AR2208	.243"	2.825"	38.0	3,207 fps	48,500 PSI	42.6	3,480 fps	59,500 PSI
	AR2209	.243"	2.825"	44.0	3,262 fps	48,600 PSI	49.0	3,563 fps	61,200 PSI
80 GR. BAR TTSX BT	Bench Mark 8208	.243"	2.810"	36.0	3,068 fps	46,400 PSI	40.3	3,363 fps	60,100 PSI
	AR2206H	.243"	2.810"	37.0	3,169 fps	49,500 PSI	41.3	3,419 fps	60,500 PSI
	AR2208	.243"	2.810"	38.0	3,140 fps	47,900 PSI	42.5	3,416 fps	59,800 PSI
	AR2209	.243"	2.810"	42.0	3,065 fps	43,900 PSI	47.5	3,427 fps	58,800 PSI
80 GR. SPR SP	Bench Mark 8208	.243"	2.775"	37.0	3,156 fps	51,600 PSI	40.7	3,353 fps	59,800 PSI
	AR2206H	.243"	2.775"	37.0	3,167 fps	50,900 PSI	40.5	3,377 fps	59,900 PSI
	AR2208	.243"	2.775"	38.0	3,148 fps	49,400 PSI	41.8	3,376 fps	59,400 PSI
	AR2209	.243"	2.775"	42.0	3,123 fps	46,700 PSI	47.0	3,430 fps	59,400 PSI
85 GR. NOS PART	AR2206H	.243"	2.825"	35.5	3,003 fps	48,400 PSI	39.5	3,253 fps	59,200 PSI
	AR2208	.243"	2.825"	37.0	3,020 fps	49,200 PSI	41.0	3,270 fps	59,100 PSI
	AR2209	.243"	2.825"	42.0	3,075 fps	48,200 PSI	46.5	3,350 fps	59,300 PSI
87 GR. HDY HPBT	AR2206H	.243"	2.825"	35.5	2,986 fps	49,100 PSI	39.5	3,214 fps	60,300 PSI
	AR2208	.243"	2.825"	37.0	3,011 fps	49,100 PSI	41.0	3,243 fps	59,300 PSI
	AR2209	.243"	2.825"	42.0	3,051 fps	48,100 PSI	46.7	3,317 fps	59,500 PSI
	AR2213SC	.243"	2.825"	44.0	2,871 fps	41,900 PSI	49.5C	3,164 fps	53,200 PSI
95 GR. NOS BT	AR2206H	.243"	2.825"	35.0	2,855 fps	50,100 PSI	38.7	3,076 fps	60,100 PSI
	AR2208	.243"	2.825"	36.0	2,843 fps	47,800 PSI	40.0	3,091 fps	58,900 PSI
	AR2209	.243"	2.825"	41.0	2,909 fps	48,100 PSI	45.5	3,167 fps	59,200 PSI
	AR2213SC	.243"	2.825"	44.0	2,798 fps	43,700 PSI	49.5C	3,125 fps	57,600 PSI
	AR2217	.243"	2.825"	47.0	2,835 fps	43,000 PSI	50.5C	3,056 fps	52,900 PSI
100 GR. SPR BT	AR2206H	.243"	2.775"	34.0	2,749 fps	45,900 PSI	38.5	3,035 fps	59,900 PSI
	AR2208	.243"	2.775"	36.0	2,843 fps	49,800 PSI	40.2	3,055 fps	59,200 PSI
	AR2209	.243"	2.775"	41.0	2,879 fps	47,900 PSI	45.5	3,137 fps	59,800 PSI
	AR2213SC	.243"	2.775"	45.0	2,794 fps	43,900 PSI	49.0C	3,064 fps	56,100 PSI
	AR2217	.243"	2.775"	47.0	2,779 fps	41,500 PSI	50.0C	2,955 fps	48,900 PSI
105 GR. HDY A-MAX	AR2208	.243"	2.825"	34.0	2,711 fps	47,400 PSI	38.0	2,946 fps	58,800 PSI
	AR2209	.243"	2.825"	40.0	2,838 fps	49,700 PSI	43.5	3,029 fps	58,800 PSI
	AR2213SC	.243"	2.825"	44.0	2,839 fps	49,400 PSI	47.5C	3,028 fps	57,900 PSI
	AR2217	.243"	2.825"	47.0	2,817 fps	45,800 PSI	50.0C	2,980 fps	53,300 PSI
107 GR. SIE HPBT	AR2208	.243"	2.950"	34.0	2,652 fps	46,300 PSI	38.5	2,930 fps	60,200 PSI
	AR2209	.243"	2.950"	39.0	2,779 fps	48,800 PSI	43.5	3,016 fps	59,600 PSI
	AR2213SC	.243"	2.950"	43.0	2,779 fps	48,300 PSI	48.0C	3,042 fps	59,600 PSI
	AR2217	.243"	2.950"	47.0	2,818 fps	47,400 PSI	50.0C	2,980 fps	55,100 PSI
	AR2225	.243"	2.950"	47.0	2,836 fps	44,900 PSI	50.0C	3,033 fps	55,200 PSI
115 GR. BAR RN	AR2209	.243"	2.825"	36.0	2,537 fps	43,200 CUP	39.0	2,696 fps	49,700 CUP
	AR2213SC	.243"	2.825"	39.0	2,598 fps	43,800 CUP	42.0	2,761 fps	49,800 CUP

RIFLE DATA

6mm Remington (244 Remington)				Case: Winchester Twist: 1:9" Primer: Remington 9 1/2			Barrel length: 24" Trim length: 2.223"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
	AR2217	.243"	2.825"	43.0	2,665 fps	43,800 CUP	45.5	2,793 fps	49,600 CUP
	AR2225	.243"	2.825"	47.0	2,711 fps	43,200 CUP	50.0C	2,878 fps	49,000 CUP
243 Winchester Super Short Magnum				Case: Winchester Twist: 1:10" Primer: Winchester LR			Barrel length: 24" Trim length: 1.660"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
58 GR. HDY V-MAX	Bench Mark 8208	.243"	2.200"	40.0	3,677 fps	50,200 PSI	44.3	3,985 fps	63,200 PSI
	AR2206H	.243"	2.220"	42.0	3,756 fps	51,700 PSI	45.3	4,021 fps	63,100 PSI
	AR2208	.243"	2.220"	44.0	3,739 fps	52,000 PSI	47.0	3,975 fps	62,800 PSI
62 GR. BAR VG FB	Bench Mark 8208	.243"	2.240"	38.5	3,562 fps	54,800 PSI	40.9	3,726 fps	62,300 PSI
	AR2206H	.243"	2.240"	38.0	3,497 fps	55,700 PSI	40.0	3,641 fps	62,800 PSI
	AR2208	.243"	2.240"	39.9	3,441 fps	54,900 PSI	42.4	3,637 fps	61,900 PSI
70 GR. NOS BT	Bench Mark 8208	.243"	2.200"	38.0	3,445 fps	54,000 PSI	41.5	3,646 fps	62,900 PSI
	AR2206H	.243"	2.280"	39.0	3,434 fps	52,500 PSI	42.0	3,618 fps	62,500 PSI
	AR2208	.243"	2.280"	41.0	3,474 fps	54,500 PSI	43.7	3,655 fps	63,400 PSI
	AR2209	.243"	2.280"	45.0	3,385 fps	48,000 PSI	48.7C	3,614 fps	58,400 PSI
80 GR. SIE BTSP	Bench Mark 8208	.243"	2.200"	35.0	3,137 fps	50,500 PSI	39.0	3,394 fps	62,400 PSI
	AR2206H	.243"	2.220"	38.5	3,255 fps	53,300 PSI	41.0	3,409 fps	62,500 PSI
	AR2208	.243"	2.220"	39.0	3,288 fps	54,400 PSI	42.0	3,462 fps	63,300 PSI
	AR2209	.243"	2.220"	45.0	3,323 fps	52,600 PSI	48.7C	3,545 fps	63,000 PSI
90 GR. SFT SCIR	Bench Mark 8208	.243"	2.300"	32.0	2,866 fps	52,200 PSI	35.8	3,098 fps	63,600 PSI
	AR2206H	.243"	2.300"	35.0	2,954 fps	52,000 PSI	37.7	3,124 fps	61,900 PSI
	AR2208	.243"	2.300"	36.0	2,979 fps	53,200 PSI	39.2	3,175 fps	63,200 PSI
	AR2209	.243"	2.300"	41.0	3,087 fps	56,200 PSI	44.0C	3,245 fps	62,900 PSI
	AR2213SC	.243"	2.300"	44.0	3,045 fps	55,800 PSI	47.0C	3,200 fps	63,200 PSI
100 GR. SPR BTSP	Bench Mark 8208	.243"	2.300"	31.5	2,764 fps	52,500 PSI	35.0	2,982 fps	63,100 PSI
	AR2206H	.243"	2.300"	33.0	2,809 fps	55,100 PSI	35.5	2,946 fps	63,600 PSI
	AR2208	.243"	2.300"	34.0	2,829 fps	53,600 PSI	36.6	2,981 fps	62,100 PSI
	AR2209	.243"	2.300"	39.0	2,938 fps	55,400 PSI	41.7	3,074 fps	62,300 PSI
	AR2213SC	.243"	2.300"	41.5	2,878 fps	54,000 PSI	45.0	3,058 fps	63,000 PSI
6mm - 284				Case: Winchester (reformed) Twist: 1:10" Primer: Winchester LR			Barrel length: 26" Trim length: 2.160"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
55 GR. NOS BT	AR2206H	.243"	2.780"	47.0	3,837 fps	47,100 CUP	50.0	4,050 fps	51,700 CUP
	AR2208	.243"	2.780"	47.0	3,779 fps	47,500 CUP	50.5	3,921 fps	51,600 CUP
	AR2209	.243"	2.780"	55.0	3,738 fps	42,300 CUP	59.0C	4,039 fps	51,600 CUP
60 GR. SIE HP	AR2206H	.243"	2.680"	45.0	3,740 fps	47,200 CUP	48.5	3,910 fps	52,100 CUP
	AR2208	.243"	2.680"	45.0	3,672 fps	47,700 CUP	49.0	3,855 fps	52,400 CUP
	AR2209	.243"	2.680"	54.0	3,719 fps	44,800 CUP	58.0	3,976 fps	52,300 CUP
	AR2213SC	.243"	2.680"	56.0	3,584 fps	46,400 CUP	60.0C	3,756 fps	51,400 CUP
62 GR. BAR VG FB	AR2206H	.243"	2.775"	40.0	3,408 fps	40,600 CUP	44.5	3,707 fps	50,800 CUP

RIFLE DATA

6mm - 284				Case: Winchester (reformed)			Barrel length: 26"		
				Twist: 1:10"			Trim length: 2.160"		
				Primer: Winchester LR					
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
	AR2208	.243"	2.775"	44.0	3,583 fps	44,500 CUP	48.5	3,851 fps	51,800 CUP
	AR2209	.243"	2.775"	48.0	3,489 fps	41,600 CUP	54.3C	3,863 fps	52,500 CUP
	AR2213SC	.243"	2.775"	55.0	3,607 fps	46,400 CUP	59.0C	3,777 fps	50,300 CUP
65 GR. HDY V-MAX	AR2206H	.243"	2.735"	43.0	3,528 fps	42,800 CUP	46.0	3,724 fps	50,400 CUP
	AR2208	.243"	2.735"	44.0	3,532 fps	45,200 CUP	47.0	3,688 fps	49,800 CUP
	AR2209	.243"	2.735"	51.7	3,584 fps	44,500 CUP	55.0	3,767 fps	49,800 CUP
	AR2213SC	.243"	2.735"	54.0	3,481 fps	43,800 CUP	57.5	3,678 fps	51,300 CUP
70 GR. HDY SP	AR2209	.243"	2.730"	52.0	3,550 fps	46,300 CUP	55.0	3,731 fps	52,200 CUP
	AR2213SC	.243"	2.730"	55.0	3,442 fps	45,900 CUP	58.5C	3,632 fps	51,900 CUP
75 GR. HDY V-MAX	AR2209	.243"	2.750"	49.0	3,466 fps	46,800 CUP	53.0	3,644 fps	52,300 CUP
	AR2213SC	.243"	2.750"	53.0	3,331 fps	45,200 CUP	56.5	3,566 fps	52,200 CUP
80 GR. SPR SP	AR2209	.243"	2.730"	47.5	3,259 fps	45,600 CUP	50.5	3,447 fps	51,800 CUP
	AR2213SC	.243"	2.730"	52.0	3,306 fps	47,100 CUP	55.0	3,440 fps	52,000 CUP
	AR2217	.243"	2.730"	55.0	3,296 fps	46,700 CUP	59.0C	3,467 fps	52,000 CUP
85 GR. BAR TSX	AR2209	.243"	2.750"	43.0	3,116 fps	43,100 CUP	47.5	3,343 fps	51,800 CUP
	AR2213SC	.243"	2.750"	46.0	3,137 fps	46,200 CUP	50.0	3,332 fps	51,700 CUP
	AR2217	.243"	2.750"	51.0	3,234 fps	48,200 CUP	55.5C	3,374 fps	51,700 CUP
	AR2225	.243"	2.750"	55.0	3,272 fps	44,300 CUP	57.0C	3,398 fps	49,000 CUP
90 GR. NOS E-TIP	AR2209	.243"	2.800"	46.0	3,064 fps	43,700 CUP	50.0C	3,244 fps	49,100 CUP
	AR2213SC	.243"	2.800"	49.0	2,986 fps	41,100 CUP	54.5C	3,267 fps	50,100 CUP
	AR2217	.243"	2.800"	52.0	3,001 fps	41,200 CUP	57.0C	3,236 fps	48,200 CUP
	AR2225	.243"	2.800"	52.0	3,035 fps	39,500 CUP	57.0C	3,278 fps	46,800 CUP
90 GR. SPR SP	AR2209	.243"	2.750"	44.5	3,077 fps	46,300 CUP	47.5	3,223 fps	51,800 CUP
	AR2213SC	.243"	2.750"	49.0	3,101 fps	47,100 CUP	52.5	3,272 fps	52,200 CUP
	AR2217	.243"	2.750"	52.0	3,072 fps	45,900 CUP	55.5	3,241 fps	51,900 CUP
	AR2225	.243"	2.750"	55.5	3,185 fps	46,300 CUP	59.0C	3,338 fps	51,900 CUP
100 GR. NOS PART	AR2209	.243"	2.760"	43.0	2,925 fps	46,300 CUP	46.0	3,066 fps	52,000 CUP
	AR2213SC	.243"	2.760"	48.0	2,960 fps	46,400 CUP	51.0	3,108 fps	52,100 CUP
	AR2217	.243"	2.760"	52.0	3,007 fps	47,300 CUP	55.0	3,145 fps	52,200 CUP
	AR2225	.243"	2.760"	54.0	3,018 fps	44,400 CUP	57.5	3,219 fps	51,800 CUP
105 GR. SPR SP	AR2213SC	.243"	2.800"	45.0	2,804 fps	47,700 CUP	48.0	2,978 fps	52,200 CUP
	AR2217	.243"	2.800"	47.0	2,794 fps	45,700 CUP	50.0	2,913 fps	51,600 CUP
	AR2225	.243"	2.800"	51.0	2,901 fps	45,700 CUP	54.5C	3,070 fps	52,000 CUP
107 GR. SIE HPBT	AR2213SC	.243"	2.800"	48.0	2,946 fps	48,000 CUP	51.0	3,049 fps	52,200 CUP
	AR2217	.243"	2.800"	51.0	2,879 fps	45,700 CUP	54.5	3,069 fps	52,400 CUP
	AR2225	.243"	2.800"	53.0	2,972 fps	45,700 CUP	56.5C	3,138 fps	51,800 CUP
115 GR. BAR SP	AR2213SC	.243"	2.650"	43.0	2,670 fps	46,500 CUP	46.0	2,797 fps	51,800 CUP
	AR2217	.243"	2.650"	46.0	2,682 fps	46,400 CUP	49.0	2,805 fps	52,200 CUP
	AR2225	.243"	2.650"	50.0	2,805 fps	47,500 CUP	53.0C	2,934 fps	51,900 CUP

RIFLE DATA

240 Weatherby Magnum				Case: Weatherby Twist: 1:9" Primer: Winchester LR			Barrel length: 24" Trim length: 2.490"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
60 GR. SIE HP	AR2206H	.243"	3.060"	-	-	-	47.0	3,521 fps	-
	AR2213SC	.243"	3.060"	-	-	-	57.0	3,488 fps	-
75 GR. HDY HP	AR2206H	.243"	3.075"	-	-	-	46.0	3,445 fps	-
	AR2213SC	.243"	3.075"	-	-	-	56.0	3,453 fps	-
80 GR. SPR SP	AR2206H	.243"	3.060"	-	-	-	44.0	3,359 fps	-
	AR2213SC	.243"	3.060"	-	-	-	56.0	3,481 fps	-
	AR2217	.243"	3.060"	57.0	3,082 fps	-	59.0	3,207 fps	-
85 GR. SIE HPBT	AR2213SC	.243"	3.060"	-	-	-	56.0	3,460 fps	-
	AR2217	.243"	3.060"	57.0	3,043 fps	-	59.0	3,167 fps	-
90 GR. SPR SP	AR2213SC	.243"	3.060"	-	-	-	55.0	3,394 fps	-
	AR2217	.243"	3.060"	57.0	3,037 fps	-	59.0	3,140 fps	-
100 GR. NOS PART	AR2213SC	.243"	3.060"	-	-	-	53.0	3,202 fps	-
	AR2217	.243"	3.060"	57.0	3,018 fps	-	59.0	3,122 fps	-
115 GR. BAR SP	AR2213SC	.243"	3.050"	-	-	-	46.0	2,779 fps	-
	AR2217	.243"	3.050"	56.0	2,971 fps	-	58.0	3,066 fps	-

25-20 Winchester (25-20 WCF)				Case: Remington Twist: 1:14" Primer: Winchester SR			Barrel length: 24" Trim length: 1.320"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
60 GR. HDY FP	AR2205	.257"	1.600"	9.6	1,854 fps	24,200 CUP	10.2	1,962 fps	26,700 CUP
	AR2207	.257"	1.600"	12.0	1,814 fps	20,200 CUP	14.2C	2,101 fps	25,800 CUP
	AR2219	.257"	1.600"	14.0	1,799 fps	23,600 CUP	15.0C	1,900 fps	25,700 CUP
75 GR. SPR FP	AR2205	.257"	1.575"	8.3	1,521 fps	21,000 CUP	9.3	1,741 fps	27,900 CUP
	AR2207	.257"	1.575"	10.5	1,530 fps	18,100 CUP	12.8	1,877 fps	27,300 CUP
	AR2219	.257"	1.575"	12.0	1,523 fps	22,300 CUP	13.5	1,702 fps	26,700 CUP
86 GR. REM SP	AR2205	.257"	1.600"	8.0	1,444 fps	23,700 CUP	8.6	1,545 fps	27,600 CUP
	AR2207	.257"	1.600"	10.5	1,576 fps	24,500 CUP	11.5	1,673 fps	26,500 CUP
	AR2219	.257"	1.600"	11.3	1,358 fps	22,100 CUP	12.0	1,517 fps	26,300 CUP

256 Winchester Magnum				Case: Winchester Twist: 1:14" Primer: Winchester SR			Barrel length: 24" Trim length: 1.271"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
60 GR. HDY SP	AR2207	.257"	1.560"	17.0	2,686 fps	-	18.0	2,794 fps	-
75 GR. SPR FP	AR2207	.257"	1.540"	14.0	2,019 fps	-	16.0	2,327 fps	-
87 GR. HDY SP	AR2207	.257"	1.775"	14.0	2,081 fps	-	15.0	2,192 fps	-

RIFLE DATA

25 Remington				Case:			Barrel length: 20'		
				Twist: -			Trim length: -		
				Primer:					
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
87 GR.	AR2207	-	-	-	-	-	21.0	2,500 fps	-
	AR2206	-	-	-	-	-	25.0	2,500 fps	-
	AR2208	-	-	-	-	-	26.0	2,500 fps	-
100 GR.	AR2207	-	-	-	-	-	20.0	2,200 fps	-
	AR2206	-	-	-	-	-	24.0	2,200 fps	-
	AR2208	-	-	-	-	-	26.0	2,200 fps	-
117 GR.	AR2207	-	-	-	-	-	18.5	2,000 fps	-
	AR2206	-	-	-	-	-	22.5	2,000 fps	-
	AR2208	-	-	-	-	-	23.5	2,000 fps	-
25-35 Winchester (25-35 WCF)				Case: Winchester			Barrel length: 24'		
				Twist: 1:8"			Trim length: 2.033"		
				Primer: Winchester LR					
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
60 GR. HDY JFP	AR2207	.257"	2.300"	20.0	2,626 fps	29,700 CUP	21.7	2,827 fps	36,100 CUP
	AR2219	.257"	2.300"	22.0	2,522 fps	27,700 CUP	24.5	2,793 fps	35,900 CUP
	Bench Mark 2	.257"	2.300"	23.0	2,626 fps	29,700 CUP	25.7	2,867 fps	36,600 CUP
	Bench Mark 8208	.257"	2.300"	25.0	2,838 fps	34,500 CUP	27.5	2,913 fps	36,300 CUP
	AR2206H	.257"	2.300"	26.0	2,796 fps	32,300 CUP	30.5C	3,014 fps	36,200 CUP
	AR2208	.257"	2.300"	28.0	2,677 fps	27,900 CUP	31.5C	2,972 fps	36,200 CUP
75 GR. SPR JFP	AR2207	.257"	2.280"	19.0	2,422 fps	32,300 CUP	20.5	2,515 fps	35,500 CUP
	AR2219	.257"	2.280"	21.0	2,256 fps	25,900 CUP	23.5	2,543 fps	35,900 CUP
	Bench Mark 2	.257"	2.280"	21.0	2,305 fps	28,600 CUP	23.0	2,502 fps	36,400 CUP
	Bench Mark 8208	.257"	2.280"	23.0	2,444 fps	29,200 CUP	25.7	2,660 fps	34,200 CUP
	AR2206H	.257"	2.280"	25.0	2,471 fps	32,000 CUP	27.4	2,689 fps	36,500 CUP
	AR2208	.257"	2.280"	26.5	2,487 fps	29,800 CUP	29.0	2,672 fps	36,300 CUP
90 GR. LFP W/GCK	AS30N	.257"	2.320"	5.0	1,284 fps	25,100 CUP	6.0	1,344 fps	34,000 CUP
	Trail Boss	.257"	2.320"	5.5	1,224 fps	22,000 CUP	8.0	1,414 fps	23,200 CUP
117 GR. HDY RN	AR2207	.257"	2.550"	16.8	1,889 fps	29,100 CUP	18.8	2,065 fps	36,100 CUP
	AR2219	.257"	2.550"	19.0	1,916 fps	27,900 CUP	21.0	2,127 fps	36,000 CUP
	Bench Mark 2	.257"	2.550"	19.0	1,902 fps	27,200 CUP	21.0	2,063 fps	32,500 CUP
	Bench Mark 8208	.257"	2.550"	20.0	1,985 fps	28,800 CUP	22.5	2,257 fps	35,700 CUP
	AR2206H	.257"	2.550"	19.5	1,875 fps	25,000 CUP	22.5	2,168 fps	36,000 CUP
	AR2208	.257"	2.550"	21.0	1,916 fps	25,800 CUP	24.5	2,244 fps	36,600 CUP

RIFLE DATA

257 Kimber				Case: Remington Twist: 1:10" Primer: CCI 400			Barrel length: 22" Trim length: 1.820"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
75 GR. HDY HP	AR2219	.257"	2.335"	27.0	2,806 fps	-	30.0	3,198 fps	-
	AR2206H	.257"	2.335"	28.0	2,756 fps	-	31.5	3,192 fps	-
87 GR. HDY SP	AR2219	.257"	2.375"	25.0	2,604 fps	-	28.0	2,868 fps	-
	AR2206H	.257"	2.375"	29.0	2,824 fps	-	31.0	3,056 fps	-
100 GR. SPR SP	AR2206H	.257"	2.390"	26.0	2,527 fps	-	28.0	2,760 fps	-
117 GR. SIE SPBT	AR2206H	.257"	2.455"	22.0	2,017 fps	-	24.0	2,223 fps	-
250-3000 Savage				Case: Remington Twist: 1:10" Primer: Remington 9 1/2			Barrel length: 24" Trim length: 1.902"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
75 GR. HDY V-MAX	Bench Mark 2	.257"	2.475"	31.0	2,981 fps	38,300 CUP	33.0	3,102 fps	43,900 CUP
	Bench Mark 8208	.257"	2.475"	34.0	3,103 fps	37,500 CUP	37.0	3,341 fps	43,200 CUP
	AR2206H	.257"	2.475"	34.0	3,088 fps	39,400 CUP	36.5	3,256 fps	43,500 CUP
	AR2208	.257"	2.475"	36.0	3,061 fps	36,700 CUP	38.5	3,254 fps	43,200 CUP
80 GR. BAR TTSX BT	Bench Mark 2	.257"	2.500"	32.0	2,949 fps	39,300 CUP	34.0	3,090 fps	43,700 CUP
	Bench Mark 8208	.257"	2.500"	32.0	2,868 fps	36,000 CUP	34.5	3,112 fps	43,100 CUP
	AR2206H	.257"	2.500"	33.0	2,963 fps	36,600 CUP	35.0	3,121 fps	42,800 CUP
	AR2208	.257"	2.500"	35.0	2,977 fps	38,300 CUP	37.3C	3,149 fps	43,500 CUP
85 GR. NOS BT	Bench Mark 2	.257"	2.500"	29.5	2,793 fps	38,200 CUP	31.5	2,943 fps	43,200 CUP
	Bench Mark 8208	.257"	2.500"	32.0	2,897 fps	34,600 CUP	35.3	3,162 fps	44,600 CUP
	AR2206H	.257"	2.500"	33.0	2,929 fps	38,100 CUP	35.0	3,084 fps	43,600 CUP
	AR2208	.257"	2.500"	34.0	2,854 fps	35,300 CUP	37.0	3,090 fps	43,500 CUP
87 GR. SPR SP	Bench Mark 2	.257"	2.450"	30.5	2,804 fps	39,000 CUP	32.5	2,937 fps	43,000 CUP
	Bench Mark 8208	.257"	2.450"	31.5	2,864 fps	35,300 CUP	35.0	3,103 fps	44,800 CUP
	AR2206H	.257"	2.450"	33.0	2,913 fps	39,100 CUP	35.5	3,068 fps	43,700 CUP
	AR2208	.257"	2.450"	35.0	2,947 fps	40,200 CUP	37.0	3,074 fps	43,200 CUP
90 GR. SIE HPBT	Bench Mark 2	.257"	2.425"	31.0	2,831 fps	39,200 CUP	33.0	2,965 fps	43,900 CUP
	Bench Mark 8208	.257"	2.425"	32.0	2,913 fps	38,100 CUP	35.0	3,002 fps	44,200 CUP
	AR2206H	.257"	2.425"	33.0	2,901 fps	39,000 CUP	35.5	3,060 fps	43,900 CUP
	AR2208	.257"	2.425"	34.0	2,860 fps	37,300 CUP	36.5	3,021 fps	43,300 CUP
100 GR. HDY SP	Bench Mark 8208	.257"	2.500"	30.0	2,687 fps	38,300 CUP	33.0	2,862 fps	44,200 CUP
	AR2206H	.257"	2.500"	31.0	2,698 fps	38,500 CUP	33.5	2,849 fps	43,600 CUP
	AR2208	.257"	2.500"	33.0	2,750 fps	40,000 CUP	35.2	2,877 fps	43,700 CUP
	AR2209	.257"	2.500"	38.0	2,773 fps	38,500 CUP	40.5C	2,936 fps	44,100 CUP
115 GR. NOS BT	Bench Mark 8208	.257"	2.525"	28.0	2,770 fps	39,000 CUP	31.0	2,614 fps	44,400 CUP
	AR2206H	.257"	2.525"	28.5	2,440 fps	38,400 CUP	30.5	2,567 fps	43,400 CUP
	AR2208	.257"	2.525"	30.5	2,494 fps	39,400 CUP	32.5	2,611 fps	43,500 CUP
	AR2209	.257"	2.525"	34.5	2,497 fps	36,800 CUP	36.8C	2,642 fps	43,400 CUP
117 GR. SIE SPBT	Bench Mark 8208	.257"	2.475"	27.5	2,429 fps	38,200 CUP	30.6	2,594 fps	45,000 CUP
	AR2206H	.257"	2.475"	28.5	2,447 fps	38,000 CUP	30.5	2,579 fps	43,800 CUP
	AR2208	.257"	2.475"	30.0	2,493 fps	41,100 CUP	32.0	2,594 fps	43,700 CUP
	AR2209	.257"	2.475"	35.0	2,518 fps	37,900 CUP	37.0C	2,637 fps	43,400 CUP
	AR2213SC	.257"	2.475"	38.0	2,453 fps	35,900 CUP	39.0C	2,519 fps	39,600 CUP
120 GR. SFT SP	Bench Mark 8208	.257"	2.525"	26.0	2,296 fps	35,000 CUP	28.8	2,480 fps	44,200 CUP

C = Compressed Load; L = Lead Projectile

RIFLE DATA

250-3000 Savage				Case: Remington Twist: 1:10" Primer: Remington 9 1/2			Barrel length: 24" Trim length: 1.902"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
	AR2206H	.257"	2.525"	27.5	2,331 fps	37,500 CUP	29.0	2,467 fps	43,400 CUP
	AR2208	.257"	2.525"	29.0	2,397 fps	37,200 CUP	31.0	2,508 fps	43,200 CUP
	AR2209	.257"	2.525"	33.5	2,443 fps	38,000 CUP	35.5	2,577 fps	43,300 CUP
	AR2213SC	.257"	2.525"	37.5	2,470 fps	39,100 CUP	39.0C	2,537 fps	42,200 CUP
25-303				Case: Twist: - Primer:			Barrel length: 24" Trim length: -		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
87 GR.	AR2206	-	-	-	-	-	34.0	3,050 fps	-
	AR2208	-	-	-	-	-	37.0	3,050 fps	-
	AR2209	-	-	-	-	-	41.0	3,050 fps	-
100 GR.	AR2206	-	-	-	-	-	31.0	2,850 fps	-
	AR2208	-	-	-	-	-	33.5	2,850 fps	-
	AR2209	-	-	-	-	-	38.0	2,850 fps	-
117 GR.	AR2206	-	-	-	-	-	28.0	2,700 fps	-
	AR2208	-	-	-	-	-	31.0	2,700 fps	-
	AR2209	-	-	-	-	-	36.0	2,700 fps	-
25-308				Case: Twist: - Primer:			Barrel length: 24" Trim length: -		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
60 GR.	AR2206	-	-	-	-	-	45.0	3,700 fps	-
	AR2208	-	-	-	-	-	46.5	3,700 fps	-
	AR2209	-	-	-	-	-	51.0	3,700 fps	-
87 GR.	AR2206	-	-	-	-	-	41.0	3,200 fps	-
	AR2208	-	-	-	-	-	42.5	3,200 fps	-
	AR2209	-	-	-	-	-	47.5	3,200 fps	-
100 GR.	AR2208	-	-	-	-	-	40.5	3,000 fps	-
	AR2209	-	-	-	-	-	45.5	3,000 fps	-
120 GR.	AR2209	-	-	-	-	-	43.5	2,850 fps	-

RIFLE DATA

257 Roberts				Case: Remington			Barrel length: 24"		
				Twist: 1:10"			Trim length: 2.223"		
				Primer: Remington 9 1/2					
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
60 GR. HDY SP	Bench Mark 2	.257"	2.535"	41.0	3,453 fps	42,200 CUP	43.7	3,671 fps	45,000 CUP
	AR2206H	.257"	2.535"	42.0	3,376 fps	36,600 CUP	46.0	3,805 fps	45,000 CUP
	AR2209	.257"	2.535"	48.0	3,290 fps	36,200 CUP	51.0	3,612 fps	44,700 CUP
	AR2213SC	.257"	2.535"	49.0	2,847 fps	23,700 CUP	53.0	3,382 fps	33,600 CUP
75 GR. HDY HP	Bench Mark 2	.257"	2.795"	39.0	3,226 fps	39,200 CUP	41.7	3,434 fps	45,000 CUP
	Bench Mark 8208	.257"	2.795"	40.5	3,390 fps	39,300 CUP	43.0	3,456 fps	44,900 CUP
	AR2206H	.257"	2.795"	40.5	3,201 fps	34,800 CUP	44.0	3,561 fps	47,300 CUP
	AR2208	.257"	2.795"	37.0	3,155 fps	34,700 CUP	41.0	3,453 fps	43,700 CUP
	AR2209	.257"	2.795"	47.0	3,129 fps	35,200 CUP	50.0	3,422 fps	44,000 CUP
80 GR. BAR TTSX BT	Bench Mark 2	.257"	2.780"	35.5	2,990 fps	36,900 CUP	39.5	3,285 fps	45,000 CUP
	Bench Mark 8208	.257"	2.780"	36.0	3,062 fps	38,400 CUP	39.8	3,284 fps	44,700 CUP
	AR2206H	.257"	2.780"	37.0	3,090 fps	38,800 CUP	40.8	3,281 fps	44,600 CUP
	AR2208	.257"	2.780"	39.0	3,061 fps	37,500 CUP	43.0	3,287 fps	45,000 CUP
	AR2209	.257"	2.780"	44.0	2,999 fps	36,000 CUP	48.5	3,290 fps	45,000 CUP
90 GR. HDY GMX	Bench Mark 8208	.257"	2.880"	33.0	2,739 fps	38,300 CUP	36.3	2,927 fps	44,100 CUP
	AR2206H	.257"	2.880"	33.0	2,739 fps	37,700 CUP	36.5	2,943 fps	44,800 CUP
	AR2208	.257"	2.880"	35.0	2,788 fps	39,100 CUP	38.0	2,968 fps	44,600 CUP
	AR2209	.257"	2.880"	38.0	2,729 fps	36,000 CUP	42.0	2,968 fps	44,200 CUP
	AR2213SC	.257"	2.880"	40.0	2,645 fps	35,200 CUP	44.5	2,925 fps	44,600 CUP
90 GR. SIE HPBT	Bench Mark 8208	.257"	2.775"	39.4	3,129 fps	40,200 CUP	42.0	3,314 fps	46,800 CUP
	AR2206H	.257"	2.775"	38.5	2,954 fps	33,600 CUP	42.0	3,372 fps	47,600 CUP
	AR2208	.257"	2.775"	36.0	2,990 fps	36,300 CUP	40.0	3,269 fps	44,900 CUP
	AR2209	.257"	2.775"	44.0	2,890 fps	36,100 CUP	46.0	3,040 fps	43,700 CUP
	AR2213SC	.257"	2.775"	48.0	2,786 fps	27,600 CUP	52.0	3,236 fps	39,500 CUP
100 GR. SPR SPBT	Bench Mark 8208	.257"	2.770"	37.1	2,991 fps	39,400 CUP	39.5	3,085 fps	44,700 CUP
	AR2206H	.257"	2.770"	35.0	2,661 fps	30,600 CUP	38.0	2,990 fps	46,100 CUP
	AR2208	.257"	2.770"	34.0	2,724 fps	34,400 CUP	38.0	2,981 fps	44,900 CUP
	AR2209	.257"	2.770"	43.0	2,833 fps	34,200 CUP	45.0	2,970 fps	45,400 CUP
	AR2213SC	.257"	2.770"	45.0	2,660 fps	29,100 CUP	49.0	3,010 fps	44,100 CUP
115 GR. NOS PART	Bench Mark 8208	.257"	2.780"	34.8	2,707 fps	39,200 CUP	37.0	2,798 fps	45,000 CUP
	AR2206H	.257"	2.780"	33.0	2,433 fps	31,200 CUP	36.0	2,702 fps	45,100 CUP
	AR2208	.257"	2.780"	31.0	2,462 fps	34,300 CUP	35.0	2,701 fps	44,900 CUP
	AR2209	.257"	2.780"	41.0	2,660 fps	40,600 CUP	43.0	2,777 fps	44,400 CUP
	AR2213SC	.257"	2.780"	43.0	2,479 fps	30,400 CUP	46.0	2,760 fps	46,000 CUP

RIFLE DATA

257 Roberts Improved				Case: Winchester (reformed)			Barrel length: 24"		
				Twist: 1:10"			Trim length: 2.160"		
				Primer: Winchester LR					
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
60 GR.	AR2206	-	-	-	-	-	49.0	3,650 fps	-
	AR2208	-	-	-	-	-	50.0	3,650 fps	-
	AR2209	-	-	-	-	-	53.5	3,650 fps	-
75 GR.	AR2206	-	-	-	-	-	48.0	3,500 fps	-
	AR2208	-	-	-	-	-	49.0	3,500 fps	-
	AR2209	-	-	-	-	-	52.5	3,500 fps	-
87-90 GR.	AR2206	-	-	-	-	-	45.5	3,300 fps	-
	AR2208	-	-	-	-	-	46.5	3,300 fps	-
	AR2209	-	-	-	-	-	51.0	3,300 fps	-
100 GR.	AR2206	-	-	-	-	-	42.0	3,100 fps	-
	AR2208	-	-	-	-	-	43.5	3,100 fps	-
	AR2209	-	-	-	-	-	48.0	3,100 fps	-
117-120 GR.	AR2208	-	-	-	-	-	41.5	2,900 fps	-
	AR2209	-	-	-	-	-	46.0	2,900 fps	-

25-284				Case: Winchester (reformed)			Barrel length: 26"		
				Twist: 1:10"			Trim length: 2.160"		
				Primer: Winchester LR					
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
75 GR. HDY HP	AR2209	.257"	2.795"	48.0	3,429 fps	-	52.0	3,640 fps	-
	AR2213SC	.257"	2.795"	53.5	3,330 fps	-	58.0	3,604 fps	-
87 GR. SIE SP	AR2209	.257"	2.795"	46.0	3,180 fps	-	50.0	3,400 fps	-
	AR2213SC	.257"	2.795"	52.5	3,347 fps	-	57.0	3,544 fps	-
100 GR. SPR SP	AR2209	.257"	2.795"	43.0	2,860 fps	-	48.0	3,129 fps	-
	AR2213SC	.257"	2.795"	49.5	3,068 fps	-	54.0	3,369 fps	-
117 GR. HDY BTSP	AR2213SC	.257"	2.775"	48.0	2,882 fps	-	52.0	3,025 fps	-
120 GR. NOS PART	AR2209	.257"	2.795"	41.0	2,642 fps	-	44.0	2,916 fps	-
	AR2213SC	.257"	2.795"	45.0	2,871 fps	-	49.0	2,978 fps	-

25-06 Remington				Case: Remington			Barrel length: 24"		
				Twist: 1:10"			Trim length: 2.484"		
				Primer: Remington 9 1/2					
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
75 GR. HDY V-MAX	AR2206H	.257"	3.100"	45.0	3,474 fps	45,000 CUP	48.5	3,642 fps	50,800 CUP
	AR2208	.257"	3.100"	46.0	3,454 fps	43,400 CUP	49.7	3,660 fps	51,200 CUP
	AR2209	.257"	3.100"	54.0	3,460 fps	43,300 CUP	58.5	3,700 fps	50,900 CUP
	AR2213SC	.257"	3.100"	58.0	3,393 fps	41,800 CUP	62.0C	3,599 fps	49,300 CUP
	AR2217	.257"	3.100"	58.0	3,135 fps	35,300 CUP	62.0C	3,339 fps	40,000 CUP
80 GR. BAR TTSX BT	AR2206H	.257"	3.075"	43.0	3,408 fps	52,100 PSI	47.5	3,630 fps	61,500 PSI
	AR2208	.257"	3.075"	45.0	3,389 fps	51,800 PSI	49.0	3,613 fps	60,900 PSI
	AR2209	.257"	3.075"	51.0	3,347 fps	48,500 PSI	55.0C	3,560 fps	56,900 PSI
85 GR. NOS BT	AR2206H	.257"	3.230"	41.0	3,176 fps	44,600 CUP	44.5	3,369 fps	51,600 CUP
	AR2208	.257"	3.230"	43.0	3,271 fps	45,000 CUP	46.5	3,449 fps	50,900 CUP
	AR2209	.257"	3.230"	49.0	3,255 fps	44,400 CUP	53.0	3,445 fps	50,700 CUP

RIFLE DATA

25-06 Remington				Case: Remington Twist: 1:10" Primer: Remington 9 1/2			Barrel length: 24" Trim length: 2.484"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
	AR2213SC	.257"	3.230"	54.0	3,302 fps	46,000 CUP	58.0	3,473 fps	51,700 CUP
	AR2217	.257"	3.230"	58.0	3,218 fps	41,000 CUP	62.0C	3,442 fps	48,100 CUP
87 GR. SPR HP	AR2206H	.257"	3.115"	43.0	3,243 fps	47,700 CUP	45.5	3,364 fps	51,600 CUP
	AR2208	.257"	3.115"	43.0	3,231 fps	44,900 CUP	46.0	3,382 fps	50,500 CUP
	AR2209	.257"	3.115"	50.0	3,234 fps	45,600 CUP	54.5	3,409 fps	50,800 CUP
	AR2213SC	.257"	3.115"	56.0	3,232 fps	43,500 CUP	60.0	3,421 fps	50,500 CUP
	AR2217	.257"	3.115"	58.0	3,176 fps	36,200 CUP	62.0C	3,296 fps	43,700 CUP
90 GR. HDY GMX	AR2206H	.257"	3.115"	39.0	3,053 fps	50,800 PSI	43.0	3,281 fps	60,200 PSI
	AR2208	.257"	3.115"	41.0	3,098 fps	51,600 PSI	44.0	3,261 fps	58,800 PSI
	AR2209	.257"	3.115"	45.0	3,117 fps	51,300 PSI	49.5	3,344 fps	60,600 PSI
	AR2213SC	.257"	3.115"	50.0	3,205 fps	56,200 PSI	54.5C	3,363 fps	61,000 PSI
	AR2217	.257"	3.115"	56.0	3,248 fps	54,900 PSI	60.0C	3,377 fps	59,300 PSI
	AR2225	.257"	3.115"	56.0	3,250 fps	51,000 PSI	60.0C	3,432 fps	58,700 PSI
90 GR. SIE HPBT	AR2206H	.257"	3.100"	41.0	3,128 fps	44,100 CUP	44.0	3,257 fps	51,000 CUP
	AR2208	.257"	3.100"	42.0	3,165 fps	45,000 CUP	45.0	3,312 fps	50,400 CUP
	AR2209	.257"	3.100"	49.0	3,191 fps	44,000 CUP	53.0	3,370 fps	50,700 CUP
	AR2213SC	.257"	3.100"	54.0	3,213 fps	46,000 CUP	58.0	3,481 fps	50,400 CUP
	AR2217	.257"	3.100"	58.0	3,142 fps	40,300 CUP	62.0C	3,330 fps	47,500 CUP
100 GR. NOS PART	Trail Boss	.257"	3.200"	13.4	1,454 fps	25,500 PSI	19.2	1,712 fps	30,600 PSI
	AR2206H	.257"	3.200"	40.0	2,921 fps	44,200 CUP	43.0	3,072 fps	51,000 CUP
	AR2208	.257"	3.200"	41.0	2,974 fps	45,600 CUP	44.0	3,125 fps	51,400 CUP
	AR2209	.257"	3.200"	47.0	3,038 fps	47,800 CUP	50.0	3,155 fps	51,500 CUP
	AR2213SC	.257"	3.200"	51.0	3,025 fps	46,800 CUP	54.3	3,172 fps	51,400 CUP
	AR2217	.257"	3.200"	56.0	3,055 fps	44,600 CUP	59.7C	3,212 fps	50,700 CUP
117 GR. HDY SPBT	AR2206H	.257"	3.165"	37.0	2,641 fps	44,500 CUP	40.0	2,797 fps	50,600 CUP
	AR2208	.257"	3.165"	37.0	2,637 fps	42,900 CUP	41.0	2,838 fps	50,100 CUP
	AR2209	.257"	3.165"	44.0	2,737 fps	44,300 CUP	47.7	2,923 fps	50,800 CUP
	AR2213SC	.257"	3.165"	48.0	2,748 fps	43,000 CUP	52.0	2,937 fps	50,900 CUP
	AR2217	.257"	3.165"	55.0	2,936 fps	47,200 CUP	58.5C	3,046 fps	51,000 CUP
	AR2225	.257"	3.165"	56.0	2,876 fps	44,600 CUP	60.5C	3,079 fps	50,700 CUP
120 GR. SFT SP	AR2206H	.257"	3.150"	37.0	2,541 fps	45,400 CUP	40.0	2,694 fps	51,700 CUP
	AR2208	.257"	3.150"	38.0	2,584 fps	45,100 CUP	41.0	2,755 fps	51,900 CUP
	AR2209	.257"	3.150"	44.0	2,643 fps	42,900 CUP	47.5	2,816 fps	50,900 CUP
	AR2213SC	.257"	3.150"	48.0	2,705 fps	45,800 CUP	51.5	2,856 fps	51,200 CUP
	AR2217	.257"	3.150"	52.0	2,772 fps	44,900 CUP	55.5	2,902 fps	50,600 CUP
	AR2225	.257"	3.150"	56.0	2,806 fps	43,700 CUP	60.0C	2,991 fps	50,300 CUP

RIFLE DATA

25 Winchester Super Short Magnum				Case: Winchester Twist: 1:10" Primer: Winchester LR			Barrel length: 24" Trim length: 1.660"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
75 GR. HDY V-MAX	Bench Mark 8208	.257"	2.350"	40.0	3,341 fps	47,200 PSI	45.0	3,687 fps	62,700 PSI
	AR2206H	.257"	2.350"	42.0	3,473 fps	49,700 PSI	45.2	3,708 fps	61,800 PSI
	AR2208	.257"	2.350"	43.0	3,437 fps	49,700 PSI	46.5	3,677 fps	62,200 PSI
85 GR. NOS BT	Bench Mark 8208	.257"	2.350"	38.0	3,174 fps	48,900 PSI	42.4	3,456 fps	62,600 PSI
	AR2206H	.257"	2.350"	40.0	3,268 fps	50,700 PSI	43.3	3,475 fps	62,100 PSI
	AR2208	.257"	2.350"	40.0	3,180 fps	46,200 PSI	44.9	3,497 fps	62,200 PSI
87 GR. SIE SP	Bench Mark 8208	.257"	2.300"	38.0	3,152 fps	49,500 PSI	42.7	3,423 fps	62,100 PSI
	AR2206H	.257"	2.300"	40.0	3,271 fps	53,000 PSI	43.3	3,456 fps	62,300 PSI
	AR2208	.257"	2.300"	40.0	3,189 fps	49,800 PSI	44.0	3,431 fps	62,600 PSI
100 GR. SPR BT	Bench Mark 8208	.257"	2.300"	36.0	2,954 fps	51,200 PSI	40.0	3,166 fps	62,100 PSI
	AR2206H	.257"	2.300"	38.0	3,042 fps	50,500 PSI	41.5	3,243 fps	61,700 PSI
	AR2208	.257"	2.300"	39.0	3,022 fps	50,000 PSI	42.8	3,248 fps	62,700 PSI
	AR2209	.257"	2.300"	45.0	3,035 fps	51,400 PSI	48.5C	3,233 fps	61,300 PSI
115 GR. NOS BT	Bench Mark 8208	.257"	2.350"	33.0	2,648 fps	51,000 PSI	37.0	2,877 fps	63,000 PSI
	AR2206H	.257"	2.350"	34.0	2,658 fps	51,600 PSI	37.0	2,830 fps	62,200 PSI
	AR2208	.257"	2.350"	36.0	2,726 fps	53,700 PSI	38.7	2,871 fps	62,600 PSI
	AR2209	.257"	2.350"	42.0	2,806 fps	52,800 PSI	45.3C	2,999 fps	63,000 PSI
	AR2213SC	.257"	2.350"	44.0	2,733 fps	52,100 PSI	47.0C	2,883 fps	60,900 PSI
117 GR. HDY BTSP	Bench Mark 8208	.257"	2.335"	33.0	2,629 fps	49,200 PSI	36.7	2,851 fps	61,700 PSI
	AR2206H	.257"	2.335"	35.0	2,723 fps	53,800 PSI	37.5	2,858 fps	62,200 PSI
	AR2208	.257"	2.335"	36.0	2,725 fps	52,700 PSI	39.0	2,888 fps	62,200 PSI
	AR2209	.257"	2.335"	42.0	2,796 fps	52,300 PSI	45.0	2,965 fps	62,300 PSI
	AR2213SC	.257"	2.335"	44.0	2,731 fps	51,100 PSI	47.5C	2,901 fps	61,300 PSI
120 GR. SFT SP	Bench Mark 8208	.257"	2.330"	32.0	2,542 fps	48,300 PSI	36.3	2,800 fps	62,900 PSI
	AR2206H	.257"	2.330"	35.0	2,700 fps	53,300 PSI	37.7	2,840 fps	61,700 PSI
	AR2208	.257"	2.330"	36.0	2,702 fps	53,200 PSI	39.0	2,878 fps	63,500 PSI
	AR2209	.257"	2.330"	42.0	2,793 fps	51,000 PSI	45.5C	2,981 fps	62,400 PSI
	AR2213SC	.257"	2.330"	45.0	2,744 fps	51,600 PSI	48.0C	2,902 fps	61,100 PSI

257 Weatherby Magnum				Case: Weatherby Twist: 1:10" Primer: Federal 215			Barrel length: 26" Trim length: 2.535"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
75 GR. HDY V-MAX	AR2209	.257"	3.250"	65.0	3,715 fps	43,100 CUP	70.0	3,905 fps	51,800 CUP
	AR2213SC	.257"	3.250"	71.0	3,652 fps	45,200 CUP	75.0	3,841 fps	51,900 CUP
	AR2217	.257"	3.250"	76.0	3,517 fps	37,700 CUP	80.0C	3,649 fps	42,000 CUP
85 GR. NOS BT	AR2209	.257"	3.250"	63.0	3,544 fps	44,400 CUP	67.0	3,739 fps	51,600 CUP
	AR2213SC	.257"	3.250"	68.0	3,498 fps	45,000 CUP	72.0	3,664 fps	52,200 CUP
	AR2217	.257"	3.250"	76.0	3,548 fps	44,600 CUP	80.0C	3,665 fps	47,900 CUP
90 GR. SIE HPBT	AR2209	.257"	3.150"	62.5	3,524 fps	46,600 CUP	66.5	3,685 fps	52,400 CUP
	AR2213SC	.257"	3.150"	67.0	3,420 fps	44,400 CUP	71.0	3,611 fps	52,500 CUP
	AR2217	.257"	3.150"	76.0	3,494 fps	43,800 CUP	80.0C	3,671 fps	50,000 CUP
100 GR. SPR SPBT	AR2209	.257"	3.200"	59.0	3,312 fps	44,900 CUP	63.0	3,500 fps	52,400 CUP
	AR2213SC	.257"	3.200"	64.0	3,312 fps	45,800 CUP	68.0	3,462 fps	52,500 CUP
	AR2217	.257"	3.200"	73.0	3,410 fps	45,800 CUP	78.0	3,575 fps	52,400 CUP

C = Compressed Load; L = Lead Projectile

RIFLE DATA

257 Weatherby Magnum				Case: Weatherby Twist: 1:10" Primer: Federal 215			Barrel length: 26" Trim length: 2.535"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
115 GR. BAR XFB	AR2209	.257"	3.250"	56.0	2,988 fps	46,900 CUP	60.0	3,188 fps	52,500 CUP
	AR2213SC	.257"	3.250"	60.0	3,030 fps	46,200 CUP	64.0	3,170 fps	52,000 CUP
	AR2217	.257"	3.250"	67.0	3,147 fps	50,000 CUP	71.0	3,265 fps	52,700 CUP
117 GR. HDY SPBT	AR2209	.257"	3.220"	57.0	3,112 fps	46,000 CUP	60.5	3,266 fps	52,000 CUP
	AR2213SC	.257"	3.220"	62.0	3,099 fps	44,800 CUP	66.0	3,252 fps	52,300 CUP
	AR2217	.257"	3.220"	70.0	3,169 fps	45,200 CUP	74.0	3,321 fps	51,800 CUP
120 GR. SFT SP	AR2209	.257"	3.220"	56.0	3,000 fps	44,400 CUP	60.0	3,189 fps	51,800 CUP
	AR2213SC	.257"	3.220"	61.0	3,013 fps	44,600 CUP	65.0	3,184 fps	51,800 CUP
	AR2217	.257"	3.220"	69.0	3,103 fps	45,700 CUP	73.0	3,256 fps	51,800 CUP
6.5mm Grendel				Case: Lapua Twist: 1:9" Primer: Federal 205M			Barrel length: 24" Trim length: 1.515"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
85 GR. SIE HP	AR2207	.264"	2.240"	24.5	2,674 fps	38,500 PSI	27.2C	2,919 fps	49,500 PSI
	AR2219	.264"	2.240"	27.0	2,625 fps	36,600 PSI	30.1C	2,927 fps	49,400 PSI
90 GR. SPR TNT HP	AR2207	.264"	2.200"	24.0	2,594 fps	36,800 PSI	26.8C	2,854 fps	49,400 PSI
	AR2219	.264"	2.200"	26.5	2,534 fps	34,600 PSI	29.5C	2,863 fps	49,500 PSI
	Bench Mark 2	.264"	2.200"	28.5	2,662 fps	37,700 PSI	30.5C	2,870 fps	47,000 PSI
	Bench Mark 8208	.264"	2.220"	29.0	2,580 fps	34,700 PSI	31.0C	2,794 fps	42,400 PSI
95 GR. HDY V-MAX	AR2207	.264"	2.230"	23.0	2,483 fps	36,600 PSI	25.8C	2,750 fps	49,300 PSI
	AR2219	.264"	2.230"	26.0	2,477 fps	35,900 PSI	28.8C	2,768 fps	49,300 PSI
	Bench Mark 2	.264"	2.230"	27.0	2,476 fps	33,900 PSI	30.0C	2,807 fps	49,700 PSI
	Bench Mark 8208	.264"	2.230"	28.0	2,527 fps	35,600 PSI	31.0C	2,840 fps	49,600 PSI
100 GR. NOS BT	AR2207	.264"	2.200"	23.0	2,414 fps	36,800 PSI	25.6C	2,666 fps	49,800 PSI
	AR2219	.264"	2.200"	26.0	2,420 fps	36,700 PSI	29.0C	2,716 fps	49,800 PSI
	Bench Mark 2	.264"	2.200"	27.0	2,460 fps	36,300 PSI	29.9C	2,739 fps	49,900 PSI
	Bench Mark 8208	.264"	2.200"	29.0	2,542 fps	38,300 PSI	30.8C	2,732 fps	47,600 PSI
107 GR. SIE HPBT	AR2207	.264"	2.250"	22.0	2,324 fps	37,000 PSI	24.8	2,576 fps	49,900 PSI
	AR2219	.264"	2.250"	25.0	2,325 fps	35,900 PSI	27.7C	2,607 fps	49,800 PSI
	Bench Mark 2	.264"	2.250"	26.0	2,355 fps	34,800 PSI	29.0C	2,653 fps	49,600 PSI
	Bench Mark 8208	.264"	2.250"	27.0	2,356 fps	34,600 PSI	29.8C	2,667 fps	49,300 PSI
120 GR. BAR TSX	AR2207	.264"	2.200"	20.5	2,074 fps	41,000 PSI	22.9C	2,272 fps	49,700 PSI
	AR2219	.264"	2.200"	23.0	2,074 fps	37,700 PSI	25.8C	2,347 fps	50,000 PSI
	Bench Mark 2	.264"	2.200"	24.5	2,133 fps	36,900 PSI	27.3	2,401 fps	50,200 PSI
	Bench Mark 8208	.264"	2.200"	25.0	2,094 fps	34,600 PSI	28.0C	2,419 fps	50,000 PSI
123 GR. SIE HPBT	AR2207	.264"	2.250"	21.0	2,153 fps	37,700 PSI	23.7C	2,375 fps	50,000 PSI
	AR2219	.264"	2.250"	24.0	2,192 fps	36,600 PSI	26.6C	2,434 fps	49,900 PSI
	Bench Mark 2	.264"	2.250"	25.0	2,225 fps	36,900 PSI	27.5C	2,460 fps	49,900 PSI
	Bench Mark 8208	.264"	2.250"	25.5	2,180 fps	33,900 PSI	28.5C	2,497 fps	50,000 PSI

RIFLE DATA

6.5mm BR				Case: Remington (reformed)			Barrel length: 24"		
				Twist: 1:8"			Trim length: 1.510"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
90 GR. SPR TNT HP	AR2219	.264"	2.140"	29.0	2,749 fps	39,400 CUP	31.0	2,919 fps	49,100 CUP
	Bench Mark 2	.264"	2.140"	29.7	2,807 fps	42,300 CUP	31.7	2,953 fps	49,100 CUP
	Bench Mark 8208	.264"	2.140"	31.0	2,799 fps	39,800 CUP	33.2C	3,017 fps	46,500 CUP
	AR2206H	.264"	2.140"	31.0	2,714 fps	35,800 CUP	33.0C	2,923 fps	44,100 CUP
	AR2208	.264"	2.140"	31.0	2,670 fps	35,400 CUP	33.0C	2,835 fps	41,500 CUP
95 GR. HDY V-MAX	AR2219	.264"	2.220"	28.8	2,722 fps	40,300 CUP	30.7	2,894 fps	50,000 CUP
	Bench Mark 2	.264"	2.220"	29.0	2,740 fps	43,200 CUP	31.0	2,871 fps	49,000 CUP
	Bench Mark 8208	.264"	2.220"	30.0	2,725 fps	38,700 CUP	33.0C	2,992 fps	50,100 CUP
	AR2206H	.264"	2.220"	31.0	2,774 fps	40,000 CUP	33.0C	2,946 fps	48,500 CUP
	AR2208	.264"	2.220"	31.0	2,698 fps	40,000 CUP	33.0C	2,843 fps	45,900 CUP
100 GR. NOS BT	AR2219	.264"	2.220"	28.0	2,601 fps	39,400 CUP	29.7	2,772 fps	50,200 CUP
	Bench Mark 2	.264"	2.220"	28.3	2,584 fps	41,700 CUP	30.2	2,748 fps	49,400 CUP
	Bench Mark 8208	.264"	2.220"	29.0	2,624 fps	38,400 CUP	32.0C	2,887 fps	50,000 CUP
	AR2206H	.264"	2.220"	31.0	2,702 fps	41,700 CUP	33.0C	2,878 fps	49,100 CUP
	AR2208	.264"	2.220"	31.0	2,635 fps	39,600 CUP	33.0C	2,797 fps	48,700 CUP
107 GR. SIE HPBT	AR2219	.264"	2.340"	27.2	2,563 fps	39,100 CUP	29.0	2,738 fps	49,800 CUP
	Bench Mark 2	.264"	2.340"	27.8	2,587 fps	40,200 CUP	29.6	2,741 fps	49,400 CUP
	Bench Mark 8208	.264"	2.340"	28.0	2,532 fps	37,600 CUP	31.3	2,817 fps	49,500 CUP
	AR2206H	.264"	2.340"	29.8	2,623 fps	38,900 CUP	31.8C	2,811 fps	47,900 CUP
	AR2208	.264"	2.340"	30.5	2,658 fps	41,800 CUP	32.5C	2,798 fps	48,500 CUP
120 GR. NOS BT	AR2219	.264"	2.250"	26.7	2,403 fps	40,800 CUP	28.5	2,549 fps	49,500 CUP
	Bench Mark 2	.264"	2.250"	27.2	2,445 fps	43,800 CUP	29.0	2,569 fps	50,000 CUP
	Bench Mark 8208	.264"	2.250"	27.0	2,375 fps	37,500 CUP	30.2	2,623 fps	50,200 CUP
	AR2206H	.264"	2.250"	29.0	2,475 fps	41,300 CUP	31.0C	2,624 fps	47,700 CUP
	AR2208	.264"	2.250"	29.0	2,409 fps	39,400 CUP	31.0C	2,542 fps	45,100 CUP
129 GR. HDY SP	AR2219	.264"	2.280"	26.0	2,293 fps	44,500 CUP	27.7	2,417 fps	49,200 CUP
	Bench Mark 2	.264"	2.280"	26.3	2,285 fps	43,800 CUP	28.0	2,411 fps	49,600 CUP
	Bench Mark 8208	.264"	2.280"	27.0	2,314 fps	39,100 CUP	29.8	2,514 fps	49,600 CUP
	AR2206H	.264"	2.280"	28.4	2,378 fps	44,200 CUP	30.3C	2,502 fps	49,400 CUP
	AR2208	.264"	2.280"	29.0	2,371 fps	44,200 CUP	31.0C	2,494 fps	49,900 CUP
140 GR. SPR SP	AR2219	.264"	2.300"	25.0	2,199 fps	43,900 CUP	26.7	2,299 fps	50,200 CUP
	Bench Mark 2	.264"	2.300"	26.3	2,233 fps	44,200 CUP	28.0	2,362 fps	49,800 CUP
	Bench Mark 8208	.264"	2.300"	26.0	2,186 fps	39,200 CUP	28.8	2,391 fps	50,300 CUP
	AR2206H	.264"	2.300"	28.2	2,298 fps	44,200 CUP	30.0C	2,421 fps	49,000 CUP
	AR2208	.264"	2.300"	28.3	2,278 fps	42,100 CUP	30.2C	2,415 fps	49,000 CUP
142 GR. SIE HPBT	AR2219	.264"	2.350"	24.5	2,199 fps	44,200 CUP	26.1	2,293 fps	49,400 CUP
	Bench Mark 2	.264"	2.350"	25.2	2,232 fps	45,500 CUP	26.9	2,326 fps	49,900 CUP
	Bench Mark 8208	.264"	2.350"	26.0	2,231 fps	40,000 CUP	28.8	2,426 fps	49,800 CUP
	AR2206H	.264"	2.350"	27.3	2,271 fps	41,900 CUP	29.0	2,395 fps	49,300 CUP
	AR2208	.264"	2.350"	27.9	2,250 fps	40,900 CUP	29.7C	2,396 fps	49,600 CUP

RIFLE DATA

6.5 x 50mm Japanese				Case: Norma Twist: 1:9" Primer: Federal 210			Barrel length: 32" Trim length: 1.998"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
100 GR. SIE SP	AR2206H	.264"	2.700"	35.0	2,408 fps	-	37.0	2,717 fps	-
	AR2213SC	.264"	2.700"	39.0	2,350 fps	-	41.0	2,424 fps	-
120 GR. SPR SP	AR2206H	.264"	2.920"	33.0	2,368 fps	-	35.0	2,505 fps	-
	AR2213SC	.264"	2.920"	39.0	2,300 fps	-	41.0	2,429 fps	-
140 GR. NOS PART	AR2206H	.264"	2.920"	32.0	2,186 fps	-	34.0	2,407 fps	-
	AR2213SC	.264"	2.920"	38.0	2,222 fps	-	41.0	2,392 fps	-
160 GR. HDY RN	AR2206H	.264"	2.855"	30.0	2,118 fps	-	32.0	2,334 fps	-
	AR2213SC	.264"	2.855"	36.0	2,201 fps	-	38.0	2,393 fps	-

6.5mm Carcano (6.5 x 52mm)				Case: Norma Twist: 1:- Primer: Federal 210			Barrel length: 21" Trim length: 2.057"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
100 GR. HDY SP	AR2206H	.264"	2.835"	31.0	2,204 fps	-	33.0	2,394 fps	-
	AR2213SC	.264"	2.835"	40.0	2,189 fps	-	43.0	2,414 fps	-
120 GR. HDY SP	AR2206H	.264"	2.835"	28.0	1,959 fps	-	30.0	2,147 fps	-
	AR2213SC	.264"	2.835"	38.0	2,019 fps	-	41.0	2,224 fps	-
140 GR. NOS PART	AR2206H	.264"	2.900"	28.0	1,904 fps	-	30.0	2,089 fps	-
	AR2213SC	.264"	2.900"	37.0	1,919 fps	-	40.0	2,192 fps	-
160 GR. HDY RN	AR2206H	.264"	2.935"	27.0	1,804 fps	-	30.0	1,992 fps	-
	AR2213SC	.264"	2.935"	37.0	1,891 fps	-	39.0	2,086 fps	-

6.5 x 54mm Mauser				Case: Twist: - Primer:			Barrel length: 20" Trim length: -		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
120-125 GR.	AR2208	-	-	-	-	-	35.0	2,500 fps	-
	AR2206	-	-	-	-	-	33.0	2,500 fps	-
140 GR.	AR2206	-	-	-	-	-	30.0	2,200 fps	-
	AR2208	-	-	-	-	-	32.0	2,200 fps	-

6.5 x 54mm (Mannlicher-Schoenauer)				Case: Twist: - Primer:			Barrel length: 18" Trim length: -		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
100 GR.	AR2206	-	-	-	-	-	38.0	2,800 fps	-
	AR2208	-	-	-	-	-	40.0	2,800 fps	-
120 GR.	AR2206	-	-	-	-	-	36.5	2,700 fps	-
	AR2208	-	-	-	-	-	38.5	2,700 fps	-
	AR2209	-	-	-	-	-	42.5	2,700 fps	-
129-130 GR.	AR2206	-	-	-	-	-	35.5	2,500 fps	-
	AR2208	-	-	-	-	-	37.5	2,500 fps	-
	AR2209	-	-	-	-	-	41.5	2,500 fps	-

RIFLE DATA

6.5 x 54mm (Mannlicher-Schoenauer)				Case:			Barrel length: 18"		
				Twist: -			Trim length: -		
				Primer:					
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Gr.	Velocity	Pressure	Gr.	Velocity	Pressure
140 GR.	AR2206	-	-	-	-	-	33.5	2,350 fps	-
	AR2208	-	-	-	-	-	35.5	2,350 fps	-
	AR2209	-	-	-	-	-	39.5	2,350 fps	-
160 GR.	AR2206	-	-	-	-	-	31.5	2,100 fps	-
	AR2208	-	-	-	-	-	33.5	2,100 fps	-
	AR2209	-	-	-	-	-	37.5	2,100 fps	-
6.5 Creedmoor				Case: Hornady			Barrel length: 24"		
				Twist: 1:8"			Trim length: 1.910"		
				Primer: Federal 210M					
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Gr.	Velocity	Pressure	Gr.	Velocity	Pressure
95 GR. HDY V-MAX	Bench Mark 8208	.264"	2.670"	36.0	3,041 fps	50,800 PSI	40.0	3,228 fps	58,900 PSI
	AR2206H	.264"	2.670"	37.0	3,059 fps	50,400 PSI	41.0	3,276 fps	60,300 PSI
	AR2208	.264"	2.670"	39.0	3,051 fps	49,000 PSI	43.0	3,286 fps	60,100 PSI
	AR2209	.264"	2.670"	43.0	2,972 fps	45,000 PSI	47.0C	3,224 fps	56,100 PSI
100 GR. BAR TTSX BT	Bench Mark 8208	.264"	2.655"	33.2	2,812 fps	49,300 PSI	37.4	3,056 fps	60,900 PSI
	AR2206H	.264"	2.655"	33.1	2,819 fps	49,100 PSI	37.3	3,063 fps	61,000 PSI
	AR2208	.264"	2.655"	34.8	2,867 fps	50,700 PSI	39.0	3,101 fps	62,100 PSI
	AR2209	.264"	2.655"	39.9	2,895 fps	49,200 PSI	44.7	3,133 fps	60,300 PSI
100 GR. NOS BT	Bench Mark 8208	.264"	2.760"	34.0	2,850 fps	48,700 PSI	38.0	3,087 fps	60,000 PSI
	AR2206H	.264"	2.760"	35.0	2,878 fps	49,400 PSI	38.5	3,097 fps	59,300 PSI
	AR2208	.264"	2.760"	36.5	2,888 fps	48,900 PSI	40.5	3,122 fps	60,300 PSI
	AR2209	.264"	2.760"	40.5	2,905 fps	48,500 PSI	45.0C	3,156 fps	59,800 PSI
107 GR. SIE HPBT	Bench Mark 8208	.264"	2.780"	34.0	2,812 fps	48,900 PSI	37.8	3,027 fps	59,700 PSI
	AR2206H	.264"	2.780"	35.0	2,846 fps	49,400 PSI	39.0	3,073 fps	60,900 PSI
	AR2208	.264"	2.780"	37.0	2,863 fps	48,600 PSI	41.0	3,093 fps	60,200 PSI
	AR2209	.264"	2.780"	41.0	2,829 fps	45,300 PSI	46.0C	3,139 fps	60,900 PSI
120 GR. HDY A-MAX	Bench Mark 8208	.264"	2.670"	32.0	2,564 fps	45,800 PSI	36.0	2,818 fps	60,300 PSI
	AR2206H	.264"	2.670"	34.0	2,672 fps	50,500 PSI	37.4	2,858 fps	60,400 PSI
	AR2208	.264"	2.670"	36.0	2,668 fps	49,600 PSI	40.2	2,891 fps	60,400 PSI
	AR2209	.264"	2.670"	40.5	2,709 fps	47,700 PSI	45.0C	2,965 fps	60,800 PSI
123 GR. SIE HPBT	Bench Mark 8208	.264"	2.670"	32.0	2,570 fps	46,100 PSI	36.0	2,806 fps	59,000 PSI
	AR2208	.264"	2.670"	36.0	2,712 fps	51,100 PSI	39.8	2,887 fps	59,200 PSI
	AR2209	.264"	2.670"	40.0	2,680 fps	45,500 PSI	44.8	2,951 fps	59,700 PSI
130 GR. NOS AB	Bench Mark 8208	.264"	2.750"	30.5	2,378 fps	49,700 PSI	34.0	2,589 fps	61,200 PSI
	AR2206H	.264"	2.750"	30.1	2,361 fps	48,500 PSI	33.8	2,583 fps	61,200 PSI
	AR2208	.264"	2.750"	31.4	2,414 fps	51,500 PSI	34.9	2,610 fps	61,400 PSI
	AR2209	.264"	2.750"	35.2	2,464 fps	49,300 PSI	39.2	2,687 fps	60,400 PSI
140 GR. HDY A-MAX	Bench Mark 8208	.264"	2.820"	30.0	2,335 fps	49,200 PSI	32.8	2,511 fps	59,300 PSI
	AR2206H	.264"	2.820"	30.0	2,316 fps	46,800 PSI	34.0	2,555 fps	60,400 PSI
	AR2208	.264"	2.820"	32.0	2,371 fps	47,400 PSI	35.8	2,598 fps	59,900 PSI
	AR2209	.264"	2.820"	36.0	2,464 fps	49,200 PSI	40.0C	2,660 fps	59,200 PSI
142 GR. SIE HPBT	Bench Mark 8208	.264"	2.780"	32.2	2,431 fps	51,500 PSI	33.5	2,518 fps	58,000 PSI
	AR2206H	.264"	2.780"	32.4	2,426 fps	49,800 PSI	34.5	2,551 fps	58,000 PSI
	AR2208	.264"	2.780"	34.5	2,489 fps	52,600 PSI	36.3	2,598 fps	60,100 PSI

C = Compressed Load; L = Lead Projectile

RIFLE DATA

6.5 Creedmoor				Case: Homady Twist: 1:8" Primer: Federal 210M			Barrel length: 24" Trim length: 1.910"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
	AR2209	.264"	2.780"	38.8	2,573 fps	52,300 PSI	41.5	2,694 fps	59,800 PSI
260 Remington				Case: Remington Twist: 1:9" Primer: Remington 9 1/2			Barrel length: 24" Trim length: 2.025"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
95 GR. HDY V-MAX	Bench Mark 2	.264"	2.780"	40.0	3,190 fps	51,400 PSI	43.5	3,391 fps	59,600 PSI
	Bench Mark 8208	.264"	2.780"	37.6	3,038 fps	51,900 PSI	40.0	3,166 fps	58,200 PSI
95 GR.	AR2206	-	-	37.0	3,045 fps	51,200 PSI	39.5	3,225 fps	58,400 PSI
95 GR. HDY V-MAX	AR2206H	.264"	2.780"	38.0	3,069 fps	51,300 PSI	40.8	3,225 fps	58,500 PSI
	AR2208	.264"	2.780"	39.0	3,070 fps	50,200 PSI	42.0	3,244 fps	58,500 PSI
	AR2209	.264"	2.780"	47.0	3,135 fps	51,200 PSI	49.7	3,284 fps	58,100 PSI
100 GR. BAR XFB	Bench Mark 2	.264"	2.750"	38.0	2,981 fps	50,700 PSI	41.0	3,171 fps	59,900 PSI
100 GR.	AR2206	-	-	33.0	2,790 fps	51,150 PSI	37.0	3,055 fps	58,750 PSI
100 GR. BAR XFB	AR2206H	.264"	2.750"	35.0	2,810 fps	51,300 PSI	38.0	2,974 fps	58,800 PSI
	AR2208	.264"	2.750"	36.5	2,861 fps	52,000 PSI	39.5	3,027 fps	58,900 PSI
	AR2209	.264"	2.750"	42.0	2,946 fps	52,900 PSI	45.0	3,077 fps	58,200 PSI
	AR2213SC	.264"	2.750"	46.0	2,925 fps	52,800 PSI	48.8C	3,055 fps	58,600 PSI
107 GR. SIE HPBT	Bench Mark 2	.264"	2.780"	40.0	3,158 fps	50,900 PSI	42.5	3,227 fps	59,500 PSI
	Bench Mark 8208	.264"	2.780"	37.2	2,900 fps	52,300 PSI	39.1	3,001 fps	57,900 PSI
107 GR.	AR2206	-	-	37.0	2,945 fps	51,800 PSI	39.5	3,055 fps	58,200 PSI
107 GR. SIE HPBT	AR2206H	.264"	2.780"	38.0	2,950 fps	51,900 PSI	40.7	3,074 fps	58,000 PSI
	AR2208	.264"	2.780"	38.5	2,947 fps	49,800 PSI	41.5	3,125 fps	58,700 PSI
	AR2209	.264"	2.780"	46.0	2,997 fps	50,400 PSI	49.0	3,164 fps	58,700 PSI
	AR2213SC	.264"	2.780"	50.0	2,963 fps	50,300 PSI	51.0C	3,027 fps	54,000 PSI
120 GR. SPR SP	Bench Mark 2	.264"	2.780"	37.0	2,768 fps	51,200 PSI	40.0	2,935 fps	59,500 PSI
120 GR.	AR2206	-	-	34.3	2,555 fps	51,700 PSI	37.0	2,795 fps	58,750 PSI
120 GR. SPR SP	AR2206H	.264"	2.780"	35.0	2,664 fps	51,900 PSI	38.0	2,813 fps	58,900 PSI
	AR2208	.264"	2.780"	36.0	2,716 fps	50,300 PSI	39.0	2,877 fps	58,300 PSI
	AR2209	.264"	2.780"	43.5	2,814 fps	51,400 PSI	46.5	2,960 fps	58,200 PSI
	AR2213SC	.264"	2.780"	47.0	2,812 fps	52,100 PSI	50.0C	2,954 fps	59,200 PSI
	AR2217	.264"	2.780"	49.0	2,710 fps	44,600 PSI	51.0C	2,810 fps	49,300 PSI
125 GR.	AR2206	-	-	33.2	2,615 fps	54,150 PSI	36.2	2,735 fps	58,800 PSI
125 GR. NOS PART	AR2206H	.264"	2.780"	34.0	2,623 fps	54,300 PSI	37.0	2,743 fps	58,900 PSI
	AR2208	.264"	2.780"	34.5	2,624 fps	51,200 PSI	37.5	2,785 fps	58,400 PSI
	AR2209	.264"	2.780"	41.0	2,714 fps	50,900 PSI	44.3	2,867 fps	57,900 PSI
	AR2213SC	.264"	2.780"	45.0	2,725 fps	51,600 PSI	48.0C	2,862 fps	58,000 PSI
	AR2217	.264"	2.780"	48.0	2,685 fps	46,300 PSI	51.0C	2,821 fps	53,300 PSI
140 GR.	AR2206	-	-	31.3	2,350 fps	50,500 PSI	33.5	2,510 fps	58,400 PSI
140 GR. NOS PART	AR2206H	.264"	2.780"	32.0	2,367 fps	50,500 PSI	34.3	2,517 fps	58,400 PSI
	AR2208	.264"	2.780"	34.0	2,469 fps	53,300 PSI	36.0	2,578 fps	59,400 PSI
	AR2209	.264"	2.780"	39.0	2,530 fps	51,900 PSI	42.0	2,677 fps	58,800 PSI
	AR2213SC	.264"	2.780"	43.0	2,568 fps	53,000 PSI	45.7	2,686 fps	59,000 PSI
	AR2217	.264"	2.780"	48.0	2,619 fps	51,200 PSI	50.5	2,730 fps	57,000 PSI
142 GR.	AR2206	-	-	33.3	2,480 fps	52,000 PSI	35.4	2,590 fps	58,200 PSI

C = Compressed Load; L = Lead Projectile

RIFLE DATA

260 Remington				Case: Remington Twist: 1:9" Primer: Remington 9 1/2			Barrel length: 24" Trim length: 2.025"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
142 GR. SIE HPBT	AR2206H	.264"	2.780"	34.0	2,486 fps	52,000 PSI	36.2	2,597 fps	58,200 PSI
	AR2208	.264"	2.780"	35.0	2,541 fps	54,000 PSI	37.5	2,645 fps	59,100 PSI
	AR2209	.264"	2.780"	41.5	2,590 fps	50,100 PSI	44.5	2,735 fps	58,000 PSI
	AR2213SC	.264"	2.780"	45.0	2,601 fps	50,900 PSI	48.0C	2,747 fps	58,700 PSI
160 GR. HDY RN	AR2209	.264"	2.860"	40.0	2,417 fps	52,100 PSI	43.0	2,538 fps	58,200 PSI
	AR2213SC	.264"	2.860"	43.0	2,419 fps	50,900 PSI	46.0	2,540 fps	58,100 PSI
	AR2217	.264"	2.860"	48.0	2,498 fps	50,500 PSI	50.0C	2,595 fps	56,400 PSI
6.5 x 55mm Swedish Mauser				Case: Winchester Twist: 1:7.87" Primer: Winchester LR			Barrel length: 24" Trim length: 2.155"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
85 GR. SIE HP	AR2206H	.264"	2.800"	40.0	3,031 fps	34,600 CUP	44.0	3,370 fps	45,100 CUP
	AR2208	.264"	2.800"	40.0	3,128 fps	36,600 CUP	44.0	3,350 fps	42,300 CUP
	AR2209	.264"	2.800"	47.0	2,909 fps	31,600 CUP	52.0C	3,283 fps	42,100 CUP
100 GR. SIE HP	AR2206H	.264"	2.850"	37.0	2,820 fps	38,800 CUP	41.0	3,033 fps	46,000 CUP
	AR2208	.264"	2.850"	38.0	2,892 fps	37,800 CUP	42.0	3,177 fps	45,800 CUP
	AR2209	.264"	2.850"	45.0	2,724 fps	31,400 CUP	50.0C	3,172 fps	46,000 CUP
	AR2213SC	.264"	2.850"	46.0	2,552 fps	27,800 CUP	51.0C	2,883 fps	37,500 CUP
107 GR. SIE HPBT	AR2206H	.264"	3.050"	37.0	2,777 fps	39,600 CUP	39.7	2,943 fps	45,900 CUP
	AR2208	.264"	3.050"	38.0	2,742 fps	39,800 CUP	42.0	2,952 fps	45,600 CUP
	AR2209	.264"	3.050"	43.0	2,706 fps	36,000 CUP	48.0C	3,035 fps	45,600 CUP
	AR2213SC	.264"	3.050"	46.0	2,590 fps	34,500 CUP	51.0C	2,911 fps	42,700 CUP
120 GR. NOS BT	AR2206H	.264"	3.000"	34.0	2,571 fps	43,000 CUP	37.8	2,715 fps	46,000 CUP
	AR2208	.264"	3.000"	35.0	2,579 fps	36,800 CUP	39.0	2,812 fps	45,300 CUP
	AR2209	.264"	3.000"	41.5	2,545 fps	36,800 CUP	46.0	2,792 fps	45,800 CUP
	AR2213SC	.264"	3.000"	44.5	2,528 fps	36,200 CUP	49.5C	2,802 fps	45,900 CUP
129 GR. HDY SP	AR2206H	.264"	2.935"	33.0	2,373 fps	38,200 CUP	36.3	2,561 fps	45,600 CUP
	AR2208	.264"	2.935"	34.0	2,472 fps	36,900 CUP	37.5	2,664 fps	46,000 CUP
	AR2209	.264"	2.935"	40.0	2,430 fps	35,100 CUP	45.5	2,703 fps	45,500 CUP
	AR2213SC	.264"	2.935"	44.0	2,449 fps	35,600 CUP	48.5C	2,689 fps	45,000 CUP
140 GR. SPR SP	AR2206H	.264"	3.030"	32.5	2,305 fps	38,100 CUP	35.8	2,493 fps	45,700 CUP
	AR2208	.264"	3.030"	32.5	2,312 fps	37,500 CUP	36.0	2,528 fps	46,000 CUP
	AR2209	.264"	3.030"	39.5	2,418 fps	38,600 CUP	44.0	2,617 fps	45,700 CUP
	AR2213SC	.264"	3.030"	42.5	2,382 fps	38,100 CUP	47.0	2,586 fps	45,700 CUP
	AR2217	.264"	3.030"	46.5	2,423 fps	37,600 CUP	51.5C	2,651 fps	46,000 CUP
142 GR. SIE HPBT	AR2206H	.264"	3.050"	32.5	2,311 fps	37,800 CUP	35.8	2,511 fps	45,800 CUP
	AR2208	.264"	3.050"	34.0	2,334 fps	38,100 CUP	38.0	2,559 fps	45,700 CUP
	AR2209	.264"	3.050"	39.0	2,427 fps	38,400 CUP	43.7	2,653 fps	45,800 CUP
	AR2213SC	.264"	3.050"	42.5	2,383 fps	37,300 CUP	47.0	2,604 fps	45,300 CUP
	AR2217	.264"	3.050"	48.0	2,453 fps	37,500 CUP	51.5C	2,601 fps	41,600 CUP
160 GR. HDY RN	AR2208	.264"	3.000"	32.5	2,173 fps	38,200 CUP	36.0	2,354 fps	45,600 CUP
	AR2209	.264"	3.000"	40.0	2,317 fps	38,800 CUP	43.0	2,445 fps	44,900 CUP
	AR2213SC	.264"	3.000"	44.0	2,327 fps	36,600 CUP	48.0C	2,524 fps	46,000 CUP

RIFLE DATA

6.5 x 55mm Swedish Mauser				Case: Winchester Twist: 1:7.87" Primer: Winchester LR			Barrel length: 24" Trim length: 2.155"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
	AR2217	.264"	3.000"	45.0	2,265 fps	35,000 CUP	50.0C	2,517 fps	45,300 CUP
6.5mm-06				Case: Winchester (reformed) Twist: 1:9" Primer: Federal 210M			Barrel length: 24" Trim length: 2.484"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
85 GR. SIE HP	AR2206H	.264"	3.140"	43.0	3,245 fps	49,900 PSI	46.5	3,442 fps	60,600 PSI
	AR2208	.264"	3.140"	48.0	3,453 fps	58,400 PSI	52.0	3,588 fps	62,500 PSI
	AR2209	.264"	3.140"	53.0	3,336 fps	52,300 PSI	57.5	3,574 fps	62,300 PSI
95 GR. HDY V-MAX	AR2206H	.264"	3.200"	43.0	3,209 fps	55,400 PSI	46.0	3,359 fps	63,000 PSI
	AR2208	.264"	3.200"	44.0	3,167 fps	51,600 PSI	49.0	3,414 fps	63,100 PSI
	AR2209	.264"	3.200"	50.0	3,204 fps	52,100 PSI	54.5	3,436 fps	63,300 PSI
100 GR. NOS BT	AR2206H	.264"	3.200"	42.0	3,083 fps	56,400 PSI	44.0	3,205 fps	62,900 PSI
	AR2208	.264"	3.200"	43.0	3,070 fps	53,000 PSI	47.0	3,268 fps	63,300 PSI
	AR2209	.264"	3.200"	49.0	3,119 fps	53,800 PSI	53.0	3,315 fps	63,300 PSI
	AR2213SC	.264"	3.200"	53.0	3,085 fps	53,200 PSI	57.7	3,304 fps	63,400 PSI
107 GR. SIE HPBT	AR2208	.264"	3.300"	42.0	2,993 fps	52,700 PSI	45.8	3,185 fps	62,700 PSI
	AR2209	.264"	3.300"	47.0	3,022 fps	52,600 PSI	51.5	3,234 fps	62,700 PSI
	AR2213SC	.264"	3.300"	51.0	2,985 fps	51,800 PSI	55.5	3,200 fps	62,500 PSI
	AR2217	.264"	3.300"	56.0	2,945 fps	49,300 PSI	60.0C	3,141 fps	58,700 PSI
120 GR. SFT SP	AR2209	.264"	3.150"	45.0	2,823 fps	54,300 PSI	49.0	2,996 fps	63,300 PSI
	AR2213SC	.264"	3.150"	48.0	2,765 fps	51,400 PSI	52.5	2,970 fps	62,300 PSI
	AR2217	.264"	3.150"	55.0	2,837 fps	53,900 PSI	58.5C	2,986 fps	62,700 PSI
129 GR. HDY SP	AR2209	.264"	3.245"	43.0	2,676 fps	51,400 PSI	47.0	2,876 fps	62,500 PSI
	AR2213SC	.264"	3.245"	47.0	2,721 fps	54,100 PSI	51.0	2,889 fps	62,900 PSI
	AR2217	.264"	3.245"	51.0	2,683 fps	53,800 PSI	55.5C	2,885 fps	62,700 PSI
130 GR. NOS AB	AR2209	.264"	3.265"	42.1	2,615 fps	51,300 PSI	46.7	2,821 fps	61,500 PSI
	AR2213SC	.264"	3.265"	44.0	2,638 fps	54,700 PSI	48.8	2,824 fps	62,300 PSI
	AR2217	.264"	3.265"	47.7	2,670 fps	51,400 PSI	53.0	2,880 fps	61,600 PSI
140 GR. SPR GS-SP	AR2209	.264"	3.200"	42.0	2,558 fps	52,400 PSI	45.5	2,737 fps	62,700 PSI
	AR2213SC	.264"	3.200"	45.0	2,542 fps	52,300 PSI	49.5	2,731 fps	62,300 PSI
	AR2217	.264"	3.200"	49.0	2,570 fps	52,900 PSI	53.5C	2,761 fps	62,600 PSI
142 GR. SIE HPBT	AR2209	.264"	3.300"	42.0	2,572 fps	51,300 PSI	46.0	2,768 fps	62,900 PSI
	AR2213SC	.264"	3.300"	45.0	2,559 fps	50,000 PSI	50.3	2,795 fps	62,900 PSI
	AR2217	.264"	3.300"	49.0	2,555 fps	49,800 PSI	55.0C	2,816 fps	63,300 PSI
160 GR. HDY RN	AR2213SC	.264"	3.300"	46.0	2,461 fps	52,700 PSI	50.0	2,625 fps	62,600 PSI
	AR2217	.264"	3.300"	51.0	2,492 fps	53,600 PSI	55.0	2,650 fps	62,400 PSI

RIFLE DATA

6.5-284				Case: Winchester (reformed)			Barrel length: 24"		
				Twist: 1:9"			Trim length: 2.160"		
				Primer: Federal 210					
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
85 GR. SIE HP	AR2206H	.264"	2.750"	43.0	3,210 fps	-	46.5	3,417 fps	-
	AR2208	.264"	2.750"	48.0	3,378 fps	-	52.0	3,587 fps	-
	AR2209	.264"	2.750"	53.0	3,260 fps	-	57.5	3,531 fps	-
95 GR. HDY V-MAX	AR2206H	.264"	2.820"	43.0	3,195 fps	-	46.0	3,318 fps	-
	AR2208	.264"	2.820"	44.0	3,165 fps	-	49.0	3,380 fps	-
	AR2209	.264"	2.820"	50.0	3,088 fps	-	54.5	3,349 fps	-
100 GR. NOS BT	AR2206H	.264"	2.800"	42.0	3,058 fps	-	44.0	3,143 fps	-
	AR2208	.264"	2.800"	43.0	3,083 fps	-	47.0	3,227 fps	-
	AR2209	.264"	2.800"	49.0	3,003 fps	-	53.0	3,242 fps	-
	AR2213SC	.264"	2.800"	53.0	2,969 fps	-	57.7	3,211 fps	-
107 GR. SIE HPBT	AR2208	.264"	2.920"	42.0	2,970 fps	-	45.8	3,125 fps	-
	AR2209	.264"	2.920"	47.0	2,898 fps	-	51.5	3,118 fps	-
	AR2213SC	.264"	2.920"	51.0	2,842 fps	-	55.5	3,084 fps	-
	AR2217	.264"	2.920"	56.0	2,808 fps	-	60.0C	2,985 fps	-
120 GR. SFT SP	AR2209	.264"	2.780"	45.0	2,744 fps	-	49.0	2,897 fps	-
	AR2213SC	.264"	2.780"	48.0	2,651 fps	-	52.5	2,871 fps	-
	AR2217	.264"	2.780"	55.0	2,743 fps	-	58.5C	2,901 fps	-
129 GR. HDY SP	AR2209	.264"	2.935"	43.0	2,670 fps	-	47.0	2,863 fps	-
	AR2213SC	.264"	2.935"	47.0	2,670 fps	-	51.0	2,859 fps	-
	AR2217	.264"	2.935"	51.0	2,638 fps	-	55.5C	2,820 fps	-
130 GR. NOS AB	AR2209	.264"	2.950"	42.1	2,645 fps	-	46.7	2,874 fps	-
	AR2213SC	.264"	2.950"	44.0	2,541 fps	-	48.8	2,779 fps	-
	AR2217	.264"	2.950"	47.7	2,570 fps	-	53.0	2,812 fps	-
140 GR. SPR GS-SP	AR2209	.264"	2.910"	42.0	2,548 fps	-	45.5	2,720 fps	-
	AR2213SC	.264"	2.910"	45.0	2,520 fps	-	49.5	2,722 fps	-
	AR2217	.264"	2.910"	49.0	2,503 fps	-	53.5C	2,694 fps	-
142 GR. SIE HPBT	AR2209	.264"	2.900"	42.0	2,583 fps	-	46.0	2,735 fps	-
	AR2213SC	.264"	2.900"	45.0	2,479 fps	-	50.3	2,714 fps	-
	AR2217	.264"	2.900"	49.0	2,436 fps	-	55.0C	2,700 fps	-
160 GR. HDY RN	AR2213SC	.264"	2.980"	46.0	2,433 fps	-	50.0	2,582 fps	-
	AR2217	.264"	2.980"	51.0	2,454 fps	-	55.0	2,622 fps	-

6.5mm Remington Magnum				Case: Remington			Barrel length: 26"		
				Twist: 1:9"			Trim length: 2.160"		
				Primer: Remington 9 1/2M					
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
85 GR. SIE HP	AR2206H	.264"	2.800"	47.0	3,322 fps	39,000 CUP	51.0	3,613 fps	49,600 CUP
	AR2209	.264"	2.800"	54.0	3,220 fps	43,000 CUP	57.0	3,564 fps	50,700 CUP
	AR2213SC	.264"	2.800"	56.0	3,201 fps	34,800 CUP	61.0	3,570 fps	46,700 CUP
100 GR. HDY SP	AR2206H	.264"	2.940"	46.0	3,186 fps	42,600 CUP	50.0	3,475 fps	52,200 CUP
	AR2209	.264"	2.940"	51.0	3,071 fps	44,000 CUP	55.0	3,327 fps	51,700 CUP
	AR2213SC	.264"	2.940"	55.0	3,071 fps	37,200 CUP	60.0	3,416 fps	48,100 CUP
120 GR. SPR SP	AR2206H	.264"	2.790"	42.5	2,872 fps	42,000 CUP	46.0	3,081 fps	50,900 CUP
	AR2209	.264"	2.790"	49.0	2,780 fps	43,700 CUP	52.0	3,080 fps	51,200 CUP
	AR2213SC	.264"	2.790"	54.0	2,985 fps	42,600 CUP	59.0	3,286 fps	51,000 CUP

C = Compressed Load; L = Lead Projectile

RIFLE DATA

6.5mm Remington Magnum				Case: Remington Twist: 1:9" Primer: Remington 9 1/2M			Barrel length: 26" Trim length: 2.160"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Gr.	Velocity	Pressure	Gr.	Velocity	Pressure
129 GR. HDY SP	AR2206H	.264"	3.040"	40.5	2,709 fps	39,600 CUP	44.0	2,936 fps	49,900 CUP
	AR2209	.264"	3.040"	47.0	2,709 fps	41,400 CUP	51.0	2,994 fps	50,700 CUP
	AR2213SC	.264"	3.040"	53.5	2,854 fps	40,200 CUP	58.0	3,155 fps	50,800 CUP
140 GR. NOS PART	AR2206H	.264"	2.790"	38.5	2,569 fps	43,800 CUP	42.0	2,752 fps	49,200 CUP
	AR2209	.264"	2.790"	45.0	2,514 fps	42,000 CUP	49.0	2,780 fps	51,200 CUP
	AR2213SC	.264"	2.790"	49.5	2,708 fps	44,400 CUP	54.0	2,943 fps	51,400 CUP
264 Winchester Magnum				Case: Winchester Twist: 1:8" Primer: Winchester LR			Barrel length: 26" Trim length: 2.490"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Gr.	Velocity	Pressure	Gr.	Velocity	Pressure
85 GR. SIE HP	AR2206H	.264"	3.100"	50.5	3,264 fps	44,600 CUP	55.0	3,625 fps	52,900 CUP
	AR2209	.264"	3.100"	59.0	3,396 fps	43,600 CUP	61.0	3,669 fps	52,400 CUP
	AR2213SC	.264"	3.100"	67.0	3,304 fps	39,000 CUP	73.0	3,812 fps	54,100 CUP
	AR2217	.264"	3.100"	74.0	3,270 fps	37,600 CUP	78.0	3,480 fps	48,000 CUP
100 GR. HDY SP	AR2206H	.264"	3.230"	49.0	2,970 fps	44,100 CUP	53.0	3,405 fps	54,200 CUP
	AR2209	.264"	3.230"	56.0	3,194 fps	44,100 CUP	59.0	3,570 fps	52,600 CUP
	AR2213SC	.264"	3.230"	65.5	3,239 fps	45,900 CUP	71.0	3,680 fps	53,900 CUP
	AR2217	.264"	3.230"	72.0	3,164 fps	42,500 CUP	77.0	3,428 fps	47,500 CUP
120 GR. SPR SP	AR2209	.264"	3.250"	54.5	3,045 fps	53,000 PSI	58.0	3,185 fps	61.2 PSI
	AR2213SC	.264"	3.250"	60.6	3,027 fps	49,100 PSI	64.5	3,254 fps	62,000 PSI
	AR2217	.264"	3.250"	65.5	3,050 fps	49,100 PSI	69.7	3,267 fps	62,100 PSI
	AR2225	.264"	3.250"	66.3	3,091 fps	50,400 PSI	70.5	3,299 fps	61,700 PSI
129 GR. HDY SP	AR2209	.264"	3.250"	53.6	2,929 fps	53,500 PSI	57.0	3,067 fps	60,900 PSI
	AR2213SC	.264"	3.250"	58.3	2,927 fps	52,500 PSI	62.0	3,101 fps	61,400 PSI
	AR2217	.264"	3.250"	60.2	2,942 fps	54,500 PSI	64.0	3,064 fps	60,700 PSI
	AR2225	.264"	3.250"	63.5	3,005 fps	51,900 PSI	67.5	3,171 fps	61,500 PSI
140 GR. NOS PART	AR2209	.264"	3.260"	48.9	2,713 fps	55,300 PSI	52.0	2,829 fps	60,800 PSI
	AR2213SC	.264"	3.260"	51.7	2,753 fps	55,600 PSI	55.0	2,853 fps	59,400 PSI
	AR2217	.264"	3.260"	55.0	2,810 fps	58,600 PSI	58.5	2,900 fps	61,800 PSI
	AR2225	.264"	3.260"	59.7	2,904 fps	57,000 PSI	63.5	3,026 fps	63,000 PSI
160 GR. HDY RN	AR2209	.264"	3.350"	53.4	2,675 fps	56,600 PSI	56.8	2,784 fps	61,500 PSI
	AR2213SC	.264"	3.350"	58.1	2,725 fps	54,800 PSI	61.8	2,847 fps	61,500 PSI
	AR2217	.264"	3.350"	61.5	2,730 fps	55,500 PSI	65.4	2,857 fps	62,200 PSI
	AR2225	.264"	3.350"	60.2	2,703 fps	54,800 PSI	64.0	2,846 fps	61 PSI

RIFLE DATA

6.5 x 68mm RWS (Schuler)				Case:			Barrel length: 25"		
				Twist: -			Trim length: -		
				Primer:					
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
85 GR.	AR2209	-	-	-	-	-	65.0	3,700 fps	-
	AR2213SC	-	-	-	-	-	73.0	3,705 fps	-
100 GR.	AR2213SC	-	-	-	-	-	71.0	3,550 fps	-
120 GR.	AR2213SC	-	-	-	-	-	68.0	3,310 fps	-
140 GR.	AR2213SC	-	-	-	-	-	63.0	2,995 fps	-

6.8mm Remington SPC				Case: Remington			Barrel length: 24"		
				Twist: 1:10"			Trim length: 1.676"		
				Primer: Remington 9 1/2					
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
85 GR. BAR TAC-X FB	AR2207	.277"	2.230"	25.2	2,829 fps	40,400 PSI	27.4	3,030 fps	50,900 PSI
	AR2219	.277"	2.230"	28.0	2,637 fps	33,600 PSI	31.0C	2,949 fps	45,600 PSI
	Bench Mark 2	.277"	2.230"	27.9	2,595 fps	31,800 PSI	31.0C	2,848 fps	40,000 PSI
90 GR. SPR HP	AR2207	.277"	2.255"	26.0	2,810 fps	47,700 PSI	28.6C	3,012 fps	54,000 PSI
	AR2219	.277"	2.255"	29.0	2,765 fps	42,100 PSI	31.0C	2,929 fps	49,500 PSI
	Bench Mark 2	.277"	2.255"	29.0	2,705 fps	38,900 PSI	31.0C	2,853 fps	45,900 PSI
100 GR. BAR X	AR2207	.277"	2.260"	24.0	2,542 fps	40,500 PSI	26.5	2,791 fps	52,900 PSI
	AR2219	.277"	2.260"	27.0	2,502 fps	37,700 PSI	30.0C	2,803 fps	52,300 PSI
	Bench Mark 2	.277"	2.260"	28.0	2,588 fps	42,000 PSI	30.0C	2,755 fps	51,200 PSI
110 GR. HDY V-MAX	AR2207	.277"	2.260"	23.0	2,431 fps	40,600 PSI	25.3C	2,651 fps	52,000 PSI
	AR2219	.277"	2.260"	27.0	2,571 fps	47,600 PSI	29.0C	2,697 fps	53,600 PSI
	Bench Mark 2	.277"	2.260"	27.0	2,518 fps	44,000 PSI	28.8C	2,665 fps	52,000 PSI
	Bench Mark 8208	.277"	2.260"	28.0	2,496 fps	38,500 PSI	30.0C	2,690 fps	48,600 PSI
	AR2206H	.277"	2.260"	27.0	2,335 fps	33,900 PSI	29.0C	2,550 fps	42,400 PSI
115 GR. SIE HPBT	AR2207	.277"	2.260"	22.0	2,413 fps	47,800 PSI	24.0C	2,534 fps	52,300 PSI
	AR2219	.277"	2.260"	26.0	2,421 fps	43,500 PSI	28.2C	2,608 fps	53,300 PSI
	Bench Mark 2	.277"	2.260"	26.0	2,400 fps	42,400 PSI	28.5C	2,581 fps	51,800 PSI
	Bench Mark 8208	.277"	2.260"	28.0	2,483 fps	41,800 PSI	30.0C	2,647 fps	51,400 PSI
	AR2206H	.277"	2.260"	27.0	2,302 fps	34,300 PSI	29.0C	2,495 fps	42,800 PSI

270/303				Case:			Barrel length: 24"		
				Twist: -			Trim length: -		
				Primer:					

WARNING: For SMLE Actions, reduce these loads by at least two grains.

				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
100 GR.	AR2206	-	-	-	-	-	35.0	2,750 fps	-
	AR2208	-	-	-	-	-	39.0	2,750 fps	-
	AR2209	-	-	-	-	-	44.0	2,750 fps	-
130 GR.	AR2206	-	-	-	-	-	33.0	2,500 fps	-
	AR2208	-	-	-	-	-	36.5	2,500 fps	-
	AR2209	-	-	-	-	-	42.5	2,500 fps	-
150 GR.	AR2208	-	-	-	-	-	33.5	2,350 fps	-
	AR2209	-	-	-	-	-	40.0	2,350 fps	-

RIFLE DATA

270 Winchester				Case: Winchester			Barrel length: 24"		
				Twist: 1:10"			Trim length: 2.530"		
				Primer: Winchester LR					
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
90 GR. SIE HP	Bench Mark 8208	.277"	3.200"	45.6	3,380 fps	57,900 PSI	48.0	3,476 fps	61,900 PSI
	AR2206H	.277"	3.200"	50.0	3,482 fps	48,100 CUP	53.0	3,595 fps	50,400 CUP
	AR2208	.277"	3.200"	51.0	3,409 fps	46,000 CUP	55.0	3,596 fps	51,400 CUP
	AR2209	.277"	3.200"	58.0	3,401 fps	43,700 CUP	62.0C	3,603 fps	49,800 CUP
100 GR. SPR SP	AR2206H	.277"	3.145"	47.0	3,298 fps	47,000 CUP	50.0	3,401 fps	50,200 CUP
	AR2208	.277"	3.145"	48.0	3,232 fps	44,400 CUP	52.0	3,397 fps	50,200 CUP
	AR2209	.277"	3.145"	56.0	3,258 fps	44,000 CUP	59.4	3,401 fps	50,200 CUP
110 GR. HDY HP	Bench Mark 8208	.277"	3.250"	44.1	3,064 fps	56,400 PSI	46.4	3,146 fps	59,500 PSI
	AR2206H	.277"	3.250"	45.0	3,113 fps	46,700 CUP	47.5	3,215 fps	50,800 CUP
	AR2208	.277"	3.250"	43.0	3,072 fps	44,100 CUP	48.7	3,248 fps	50,800 CUP
	AR2209	.277"	3.250"	54.0	3,164 fps	46,900 CUP	57.0	3,267 fps	50,100 CUP
	AR2213SC	.277"	3.250"	58.0	3,057 fps	42,600 CUP	62.0C	3,214 fps	48,200 CUP
120 GR. BAR XFB	AR2206H	.277"	3.270"	42.0	2,799 fps	45,000 CUP	45.0	2,950 fps	50,400 CUP
	AR2208	.277"	3.270"	44.0	2,858 fps	46,300 CUP	47.0	3,010 fps	51,000 CUP
	AR2209	.277"	3.270"	51.0	2,886 fps	44,700 CUP	55.0	3,069 fps	51,200 CUP
	AR2213SC	.277"	3.270"	58.0	2,918 fps	45,800 CUP	62.0C	3,112 fps	51,200 CUP
130 GR. BAR TSX	Bench Mark 8208	.277"	3.230"	42.3	2,798 fps	55,700 PSI	45.0	2,922 fps	62,400 PSI
	AR2208	.277"	3.230"	44.0	2,849 fps	54,800 PSI	48.0	3,013 fps	63,200 PSI
	AR2209	.277"	3.230"	51.0	2,905 fps	52,500 PSI	55.5	3,111 fps	63,500 PSI
	AR2213SC	.277"	3.230"	54.0	2,747 fps	45,500 PSI	60.0C	3,025 fps	59,000 PSI
	AR2217	.277"	3.230"	57.0	2,716 fps	42,100 PSI	60.0C	2,846 fps	48,200 PSI
130 GR. HDY SP	Trail Boss	.277"	3.180"	14.0	1,318 fps	22,800 PSI	19.7	1,537 fps	27,100 PSI
	Bench Mark 8208	.277"	3.180"	42.8	2,840 fps	57,600 PSI	45.0	2,934 fps	62,800 PSI
	AR2206H	.277"	3.180"	42.0	2,782 fps	44,700 CUP	45.0	2,922 fps	51,000 CUP
	AR2208	.277"	3.180"	43.0	2,797 fps	43,900 CUP	46.0	2,931 fps	49,600 CUP
	AR2209	.277"	3.180"	51.0	2,865 fps	45,200 CUP	54.3	3,012 fps	50,500 CUP
	AR2213SC	.277"	3.180"	56.0	2,843 fps	44,400 CUP	60.0C	3,019 fps	51,000 CUP
	AR2217	.277"	3.180"	61.0	2,900 fps	42,900 CUP	64.0C	3,025 fps	48,100 CUP
135 GR. SIE BT	AR2206H	.277"	3.340"	41.0	2,735 fps	44,300 CUP	44.0	2,879 fps	50,600 CUP
	AR2208	.277"	3.340"	41.0	2,701 fps	40,800 CUP	45.0	2,902 fps	50,200 CUP
	AR2209	.277"	3.340"	50.0	2,834 fps	44,400 CUP	53.5	2,994 fps	50,700 CUP
	AR2213SC	.277"	3.340"	55.0	2,812 fps	43,600 CUP	59.5C	3,010 fps	51,000 CUP
	AR2217	.277"	3.340"	61.0	2,915 fps	43,100 CUP	63.0C	3,011 fps	47,600 CUP
140 GR. SFT SP	AR2206H	.277"	3.280"	40.0	2,627 fps	45,300 CUP	42.6	2,768 fps	50,600 CUP
	AR2208	.277"	3.280"	41.0	2,623 fps	44,300 CUP	43.7	2,772 fps	50,500 CUP
	AR2209	.277"	3.280"	49.0	2,737 fps	44,500 CUP	52.0	2,870 fps	50,400 CUP
	AR2213SC	.277"	3.280"	54.0	2,716 fps	43,900 CUP	58.0C	2,888 fps	50,100 CUP
	AR2217	.277"	3.280"	59.0	2,771 fps	41,800 CUP	63.0C	2,979 fps	50,800 CUP
150 GR. HDY SP	AR2209	.277"	3.285"	46.0	2,575 fps	43,400 CUP	49.0	2,724 fps	51,000 CUP
	AR2213SC	.277"	3.285"	52.0	2,651 fps	46,300 CUP	55.7	2,804 fps	51,200 CUP
	AR2217	.277"	3.285"	55.0	2,689 fps	44,900 CUP	59.0C	2,831 fps	51,000 CUP
160 GR. NOS PART	AR2209	.277"	3.340"	46.0	2,501 fps	43,600 CUP	49.0	2,646 fps	51,100 CUP
	AR2213SC	.277"	3.340"	50.0	2,510 fps	43,000 CUP	54.0	2,673 fps	50,500 CUP
	AR2217	.277"	3.340"	55.0	2,614 fps	44,200 CUP	59.0C	2,765 fps	50,900 CUP
180 GR. BAR JRN	AR2213SC	.277"	3.300"	47.0	2,358 fps	46,000 CUP	50.5	2,501 fps	51,100 CUP

RIFLE DATA

270 Winchester				Case: Winchester Twist: 1:10" Primer: Winchester LR			Barrel length: 24" Trim length: 2.530"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
	AR2217	.277"	3.300"	50.0	2,404 fps	45,100 CUP	54.0	2,540 fps	50,600 CUP
270 Winchester Short Magnum				Case: Winchester Twist: 1:10" Primer: Winchester LRM			Barrel length: 24" Trim length: 2.090"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
90 GR. SIE HP	AR2206H	.277"	2.700"	53.0	3,508 fps	52,900 PSI	56.5	3,690 fps	62,500 PSI
	AR2208	.277"	2.700"	57.0	3,610 fps	57,600 PSI	60.5	3,734 fps	62,800 PSI
	AR2209	.277"	2.700"	64.0	3,568 fps	55,000 PSI	67.5	3,733 fps	62,800 PSI
	AR2213SC	.277"	2.700"	69.0	3,525 fps	54,900 PSI	73.0C	3,703 fps	63,400 PSI
100 GR. SPR HP	AR2206H	.277"	2.700"	51.0	3,338 fps	53,200 PSI	54.5	3,505 fps	62,500 PSI
	AR2208	.277"	2.700"	55.0	3,416 fps	55,700 PSI	58.5	3,573 fps	63,300 PSI
	AR2209	.277"	2.700"	62.0	3,458 fps	55,000 PSI	65.5	3,585 fps	62,900 PSI
	AR2213SC	.277"	2.700"	67.0	3,352 fps	52,900 PSI	71.0C	3,542 fps	62,700 PSI
110 GR. HDY HP	AR2208	.277"	2.800"	53.0	3,276 fps	57,000 PSI	56.0	3,406 fps	63,200 PSI
	AR2209	.277"	2.800"	59.0	3,287 fps	55,900 PSI	63.0	3,436 fps	63,200 PSI
	AR2213SC	.277"	2.800"	64.0	3,265 fps	56,300 PSI	67.5	3,404 fps	63,000 PSI
	AR2217	.277"	2.800"	71.0	3,279 fps	55,400 PSI	73.0C	3,360 fps	60,400 PSI
130 GR. BAR TSX	AR2208	.277"	2.800"	48.0	2,900 fps	51,600 PSI	52.5	3,106 fps	62,500 PSI
	AR2209	.277"	2.800"	57.0	3,041 fps	55,700 PSI	61.5	3,191 fps	62,900 PSI
	AR2213SC	.277"	2.800"	63.0	3,002 fps	53,200 PSI	67.0C	3,160 fps	60,700 PSI
	AR2217	.277"	2.800"	69.0	3,066 fps	55,100 PSI	73.0C	3,196 fps	61,100 PSI
130 GR. HDY SP	Trail Boss	.277"	2.730"	16.0	1,516 fps	38,100 PSI	22.5	1,832 fps	47,900 PSI
	AR2208	.277"	2.730"	51.0	3,040 fps	56,400 PSI	54.0	3,169 fps	63,200 PSI
	AR2209	.277"	2.730"	57.0	3,093 fps	56,600 PSI	60.5	3,226 fps	63,500 PSI
	AR2213SC	.277"	2.730"	63.0	3,085 fps	56,300 PSI	67.0	3,228 fps	63,400 PSI
	AR2217	.277"	2.730"	71.0	3,100 fps	55,400 PSI	73.0C	3,168 fps	58,700 PSI
135 GR. SIE HPBT	AR2208	.277"	2.840"	51.0	3,000 fps	54,800 PSI	54.0	3,134 fps	63,000 PSI
	AR2209	.277"	2.840"	58.0	3,093 fps	57,000 PSI	61.5	3,211 fps	63,100 PSI
	AR2213SC	.277"	2.840"	62.0	3,056 fps	55,400 PSI	65.5	3,192 fps	62,900 PSI
	AR2217	.277"	2.840"	69.0	3,056 fps	54,400 PSI	73.0C	3,205 fps	62,600 PSI
140 GR. SFT SP	AR2209	.277"	2.800"	54.0	2,928 fps	54,500 PSI	58.0	3,087 fps	63,100 PSI
	AR2213SC	.277"	2.800"	59.0	2,974 fps	57,000 PSI	62.5	3,085 fps	63,000 PSI
	AR2217	.277"	2.800"	66.0	2,984 fps	55,700 PSI	70.0C	3,137 fps	63,500 PSI
	AR2225	.277"	2.800"	68.0	3,016 fps	53,200 PSI	71.0C	3,165 fps	61,300 PSI
150 GR. HDY SP	AR2209	.277"	2.740"	53.0	2,846 fps	55,600 PSI	56.5	2,978 fps	63,000 PSI
	AR2213SC	.277"	2.740"	56.0	2,804 fps	54,500 PSI	60.0	2,962 fps	63,100 PSI
	AR2217	.277"	2.740"	64.0	2,864 fps	54,600 PSI	67.5C	3,001 fps	62,800 PSI
	AR2225	.277"	2.740"	66.0	2,908 fps	53,300 PSI	70.0C	3,071 fps	63,000 PSI
160 GR. NOS PART	AR2209	.277"	2.830"	52.0	2,735 fps	56,100 PSI	55.0	2,834 fps	62,600 PSI
	AR2213SC	.277"	2.830"	57.0	2,784 fps	58,400 PSI	60.0	2,877 fps	63,300 PSI
	AR2217	.277"	2.830"	63.0	2,802 fps	57,400 PSI	66.5	2,913 fps	63,200 PSI
	AR2225	.277"	2.830"	65.0	2,826 fps	53,400 PSI	68.5	2,989 fps	62,600 PSI

RIFLE DATA

270 Weatherby Magnum				Case: Weatherby Twist: 1:12" Primer: CCI 250			Barrel length: 26" Trim length: 2.539"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
90 GR. SIE HP	AR2206H	.277"	3.150"	63.0	3,388 fps	-	67.0	3,647 fps	-
	AR2209	.277"	3.150"	66.0	3,317 fps	-	70.0	3,631 fps	-
	AR2213SC	.277"	3.150"	72.0	3,386 fps	-	78.0	3,631 fps	-
	AR2217	.277"	3.150"	78.0	3,183 fps	-	81.0	3,269 fps	-
100 GR. SPR SP	AR2206H	.277"	3.250"	63.0	3,377 fps	-	66.0	3,597 fps	-
	AR2209	.277"	3.250"	65.0	3,282 fps	-	69.0	3,509 fps	-
	AR2213SC	.277"	3.250"	74.0	3,482 fps	-	77.0	3,666 fps	-
	AR2217	.277"	3.250"	77.0	3,062 fps	-	81.0	3,287 fps	-
110 GR. HDY HP	AR2209	.277"	3.290"	64.0	3,214 fps	-	68.0	3,477 fps	-
	AR2213SC	.277"	3.290"	73.0	3,397 fps	-	76.0	3,482 fps	-
	AR2217	.277"	3.290"	76.0	3,045 fps	-	81.0	3,242 fps	-
130 GR. SPR SP	AR2209	.277"	3.250"	62.0	3,110 fps	-	66.0	3,262 fps	-
	AR2213SC	.277"	3.250"	67.0	3,087 fps	-	70.0	3,205 fps	-
	AR2217	.277"	3.250"	76.0	2,941 fps	-	81.0	3,259 fps	-
140 GR. HDY BTSP	AR2209	.277"	3.280"	60.0	2,926 fps	-	64.0	3,140 fps	-
	AR2213SC	.277"	3.280"	65.0	2,904 fps	-	68.0	3,112 fps	-
	AR2217	.277"	3.280"	75.0	2,849 fps	-	80.0	3,145 fps	-
150 GR. NOS PART	AR2209	.277"	3.250"	60.0	2,846 fps	-	63.0	2,986 fps	-
	AR2213SC	.277"	3.250"	65.0	2,872 fps	-	68.0	3,057 fps	-
	AR2217	.277"	3.250"	75.0	2,902 fps	-	79.0	3,132 fps	-
160 GR. NOS PART	AR2209	.277"	3.250"	58.0	2,666 fps	-	61.0	2,738 fps	-
	AR2213SC	.277"	3.250"	62.0	2,674 fps	-	65.0	2,901 fps	-
	AR2217	.277"	3.250"	74.0	2,872 fps	-	78.0	3,051 fps	-

7mm BR Remington				Case: Remington Twist: 1:9.5" Primer: Remington 7 1/2			Barrel length: 24" Trim length: 1.515"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
100 GR. BAR XFB	AR2207	.284"	2.125"	26.0	2,524 fps	36,600 CUP	28.5	2,743 fps	49,900 CUP
	AR2219	.284"	2.125"	29.0	2,516 fps	37,700 CUP	31.5C	2,738 fps	49,800 CUP
	Bench Mark 2	.284"	2.125"	29.0	2,439 fps	38,800 CUP	32.0C	2,719 fps	50,100 CUP
	AR2206H	.284"	2.125"	31.0	2,582 fps	40,900 CUP	33.0C	2,706 fps	45,300 CUP
115 GR. SPR HP	AR2207	.284"	2.150"	26.0	2,498 fps	41,500 CUP	28.5	2,685 fps	50,500 CUP
	AR2219	.284"	2.150"	29.0	2,476 fps	37,200 CUP	31.5C	2,693 fps	49,800 CUP
	Bench Mark 2	.284"	2.150"	30.0	2,524 fps	41,600 CUP	32.0C	2,674 fps	49,800 CUP
	Bench Mark 8208	.284"	2.150"	30.0	2,455 fps	34,400 CUP	33.0C	2,737 fps	45,300 CUP
	AR2206H	.284"	2.150"	31.0	2,497 fps	38,900 CUP	33.0C	2,644 fps	45,300 CUP
120 GR. HDY V-MAX	AR2207	.284"	2.300"	25.5	2,399 fps	40,200 CUP	27.5	2,597 fps	49,500 CUP
	AR2219	.284"	2.300"	28.0	2,430 fps	39,800 CUP	30.8	2,636 fps	50,400 CUP
	Bench Mark 2	.284"	2.300"	29.0	2,457 fps	43,100 CUP	31.0	2,590 fps	49,900 CUP
	Bench Mark 8208	.284"	2.300"	30.0	2,479 fps	36,400 CUP	33.0C	2,726 fps	49,200 CUP
	AR2206H	.284"	2.300"	30.0	2,437 fps	39,600 CUP	32.7C	2,650 fps	49,800 CUP
130 GR. SIE HPBT	AR2207	.284"	2.250"	25.0	2,347 fps	40,000 CUP	27.0	2,514 fps	50,500 CUP
	AR2219	.284"	2.250"	28.0	2,376 fps	40,500 CUP	30.0C	2,543 fps	50,600 CUP
	Bench Mark 2	.284"	2.250"	28.0	2,361 fps	40,700 CUP	30.2C	2,517 fps	50,000 CUP

C = Compressed Load; L = Lead Projectile

RIFLE DATA

7mm BR Remington				Case: Remington Twist: 1:9.5" Primer: Remington 7 1/2			Barrel length: 24" Trim length: 1.515"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
	Bench Mark 8208	.284"	2.250"	29.0	2,379 fps	37,500 CUP	32.0C	2,625 fps	50,400 CUP
	AR2206H	.284"	2.250"	30.0	2,431 fps	43,900 CUP	32.0C	2,560 fps	49,200 CUP
139 GR. HDY SST	AR2207	.284"	2.260"	24.0	2,275 fps	42,500 CUP	26.0	2,390 fps	49,800 CUP
	AR2219	.284"	2.260"	26.5	2,265 fps	40,100 CUP	28.5C	2,426 fps	49,700 CUP
	Bench Mark 2	.284"	2.260"	27.5	2,278 fps	41,200 CUP	29.7C	2,420 fps	49,900 CUP
	Bench Mark 8208	.284"	2.250"	29.0	2,359 fps	41,300 CUP	31.0C	2,510 fps	46,700 CUP
	AR2206H	.284"	2.260"	29.0	2,320 fps	41,200 CUP	31.0C	2,448 fps	47,000 CUP
145 GR. SPR SPBT	AR2219	.284"	2.200"	27.0	2,220 fps	37,400 CUP	28.5C	2,349 fps	47,500 CUP
	Bench Mark 2	.284"	2.200"	27.5	2,270 fps	40,400 CUP	29.7C	2,432 fps	50,400 CUP
	Bench Mark 8208	.284"	2.200"	28.5	2,290 fps	38,500 CUP	31.0C	2,492 fps	47,000 CUP
	AR2206H	.284"	2.200"	29.0	2,320 fps	42,400 CUP	31.0C	2,453 fps	47,500 CUP
150 GR. NOS BT	AR2219	.284"	2.340"	26.5	2,215 fps	40,400 CUP	28.5C	2,366 fps	49,600 CUP
	Bench Mark 2	.284"	2.340"	27.0	2,232 fps	41,900 CUP	29.5C	2,385 fps	50,200 CUP
	Bench Mark 8208	.284"	2.340"	28.5	2,289 fps	39,600 CUP	31.0C	2,475 fps	50,200 CUP
	AR2206H	.284"	2.340"	28.5	2,247 fps	39,600 CUP	30.5C	2,385 fps	48,300 CUP
162 GR. HDY A-MAX	AR2219	.284"	2.400"	26.0	2,132 fps	39,800 CUP	28.3	2,292 fps	49,800 CUP
	Bench Mark 2	.284"	2.400"	27.0	2,144 fps	41,200 CUP	29.0C	2,285 fps	49,500 CUP
	Bench Mark 8208	.284"	2.400"	28.0	2,209 fps	40,600 CUP	30.5C	2,387 fps	48,600 CUP
	AR2206H	.284"	2.400"	27.5	2,132 fps	37,500 CUP	29.5C	2,296 fps	49,600 CUP
168 GR. SIE HPBT	AR2219	.284"	2.320"	26.0	2,112 fps	40,300 CUP	28.0	2,247 fps	49,600 CUP
	Bench Mark 2	.284"	2.320"	26.5	2,118 fps	41,400 CUP	28.5	2,246 fps	49,700 CUP
	Bench Mark 8208	.284"	2.320"	28.0	2,165 fps	41,300 CUP	30.5C	2,354 fps	49,800 CUP
	AR2206H	.284"	2.320"	28.0	2,154 fps	42,300 CUP	30.0C	2,287 fps	49,200 CUP
7-30 Waters				Case: Federal Twist: 1:9.5" Primer: Federal 210			Barrel length: 24" Trim length: 2.030"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
100 GR. HDY HP	AR2219	.284"	2.700"	27.0	2,447 fps	30,500 CUP	30.0	2,679 fps	40,200 CUP
	Bench Mark 2	.284"	2.700"	27.0	2,407 fps	29,600 CUP	30.5	2,646 fps	39,300 CUP
	AR2206H	.284"	2.700"	34.0	2,707 fps	33,500 CUP	37.0C	2,908 fps	39,200 CUP
	AR2208	.284"	2.700"	35.0	2,660 fps	31,400 CUP	38.0C	2,814 fps	35,000 CUP
120 GR. NOS FP	AR2219	.284"	2.550"	26.0	2,274 fps	29,500 CUP	29.0	2,497 fps	40,200 CUP
	Bench Mark 2	.284"	2.550"	26.5	2,267 fps	31,500 CUP	29.5	2,474 fps	40,200 CUP
	AR2206H	.284"	2.550"	31.0	2,413 fps	33,200 CUP	34.5	2,654 fps	39,400 CUP
	AR2208	.284"	2.550"	34.0	2,480 fps	31,100 CUP	37.0C	2,653 fps	40,000 CUP
130 GR. SIE HPBT	AR2219	.284"	2.720"	25.0	2,142 fps	31,600 CUP	27.3	2,320 fps	39,300 CUP
	Bench Mark 2	.284"	2.720"	25.0	2,078 fps	28,900 CUP	28.0	2,314 fps	40,100 CUP
	AR2206H	.284"	2.720"	31.0	2,360 fps	31,000 CUP	33.4C	2,528 fps	39,500 CUP
	AR2208	.284"	2.720"	32.0	2,336 fps	30,600 CUP	35.6C	2,561 fps	40,100 CUP
139 GR. HDY FP	AR2219	.284"	2.550"	24.0	1,981 fps	28,500 CUP	27.0	2,217 fps	39,400 CUP
	Bench Mark 2	.284"	2.550"	25.0	2,048 fps	31,000 CUP	28.0	2,220 fps	39,600 CUP
	AR2206H	.284"	2.550"	30.0	2,250 fps	32,900 CUP	33.0	2,435 fps	39,800 CUP
	AR2208	.284"	2.550"	32.0	2,251 fps	30,900 CUP	35.5C	2,472 fps	39,100 CUP
145 GR. SPR SP	Bench Mark 2	.284"	2.720"	25.0	2,037 fps	30,200 CUP	28.0	2,235 fps	40,100 CUP

C = Compressed Load: L = Lead Projectile

RIFLE DATA

7-30 Waters				Case: Federal Twist: 1:9.5" Primer: Federal 210			Barrel length: 24" Trim length: 2.030"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
	AR2206H	.284"	2.720"	29.0	2,238 fps	35,100 CUP	32.0	2,369 fps	39,900 CUP
	AR2208	.284"	2.720"	31.0	2,217 fps	33,600 CUP	34.2	2,439 fps	39,700 CUP
150 GR. NOS BT	Bench Mark 2	.284"	2.780"	23.0	1,929 fps	30,400 CUP	26.0	2,144 fps	39,200 CUP
	AR2206H	.284"	2.780"	29.0	2,192 fps	33,300 CUP	32.0C	2,347 fps	39,600 CUP
	AR2208	.284"	2.780"	31.0	2,215 fps	32,900 CUP	34.2C	2,388 fps	40,000 CUP
168 GR. SIE HPBT	Bench Mark 2	.284"	2.780"	23.0	1,897 fps	31,600 CUP	25.5	2,055 fps	39,800 CUP
	AR2206H	.284"	2.780"	28.0	2,132 fps	34,400 CUP	30.2	2,222 fps	38,600 CUP
	AR2208	.284"	2.780"	29.0	2,089 fps	33,000 CUP	32.0C	2,229 fps	39,200 CUP
7mm-08 Remington				Case: Remington Twist: 1:9.5" Primer: Remington 9 1/2			Barrel length: 24" Trim length: 2.025"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
100 GR. BAR XFB	AR2219	.284"	2.650"	37.5	2,917 fps	40,300 CUP	40.0	3,105 fps	49,000 CUP
	Bench Mark 2	.284"	2.650"	40.0	2,968 fps	41,400 CUP	42.5	3,144 fps	49,600 CUP
	AR2206H	.284"	2.650"	41.0	3,037 fps	41,000 CUP	45.0	3,286 fps	49,900 CUP
	AR2208	.284"	2.650"	42.0	3,060 fps	40,800 CUP	45.7	3,277 fps	49,600 CUP
115 GR. SPR HP	AR2219	.284"	2.655"	39.0	2,951 fps	44,800 CUP	41.0	3,053 fps	49,800 CUP
	Bench Mark 2	.284"	2.655"	40.0	2,887 fps	42,000 CUP	43.5	3,103 fps	50,500 CUP
	Bench Mark 8208	.284"	2.655"	40.6	2,866 fps	40,100 CUP	43.2	3,022 fps	48,400 CUP
	AR2206H	.284"	2.655"	42.0	3,007 fps	42,400 CUP	45.0	3,172 fps	49,900 CUP
	AR2208	.284"	2.655"	43.0	3,019 fps	41,200 CUP	46.3	3,216 fps	50,100 CUP
120 GR. NOS BT	Bench Mark 2	.284"	2.800"	39.0	2,812 fps	40,900 CUP	41.3	2,968 fps	49,000 CUP
	Bench Mark 8208	.284"	2.800"	40.1	2,830 fps	40,500 CUP	42.7	2,997 fps	48,900 CUP
	AR2206H	.284"	2.800"	41.0	2,931 fps	42,200 CUP	43.7	3,085 fps	49,700 CUP
	AR2208	.284"	2.800"	42.5	2,996 fps	43,800 CUP	45.0	3,117 fps	49,900 CUP
	AR2209	.284"	2.800"	48.0	2,895 fps	39,300 CUP	50.0C	3,039 fps	44,600 CUP
130 GR. SIE HPBT	Bench Mark 2	.284"	2.800"	37.0	2,701 fps	41,500 CUP	39.8	2,861 fps	50,200 CUP
	Bench Mark 8208	.284"	2.800"	39.1	2,755 fps	42,600 CUP	41.6	2,922 fps	50,400 CUP
	AR2206H	.284"	2.800"	39.5	2,824 fps	43,500 CUP	42.0	2,957 fps	50,200 CUP
	AR2208	.284"	2.800"	40.0	2,830 fps	43,400 CUP	43.5	3,004 fps	50,100 CUP
	AR2209	.284"	2.800"	47.0	2,871 fps	43,000 CUP	50.0C	2,998 fps	47,400 CUP
139 GR. HDY SP	Bench Mark 2	.284"	2.800"	37.5	2,624 fps	40,300 CUP	40.5	2,799 fps	49,600 CUP
	Bench Mark 8208	.284"	2.800"	39.0	2,642 fps	41,200 CUP	41.5	2,783 fps	49,000 CUP
	AR2206H	.284"	2.800"	39.0	2,678 fps	42,500 CUP	42.5	2,857 fps	50,200 CUP
	AR2208	.284"	2.800"	40.5	2,721 fps	44,700 CUP	43.5	2,877 fps	50,000 CUP
	AR2209	.284"	2.800"	47.0	2,729 fps	40,400 CUP	50.0C	2,906 fps	47,500 CUP
140 GR. SFT SP	Trail Boss	.284"	2.750"	11.0	1,211 fps	36,200 CUP	16.0	1,472 fps	43,300 CUP
	Bench Mark 2	.284"	2.750"	36.0	2,564 fps	42,600 CUP	38.3	2,688 fps	49,300 CUP
	Bench Mark 8208	.284"	2.750"	37.3	2,606 fps	43,200 CUP	39.7	2,732 fps	48,800 CUP
	AR2206H	.284"	2.750"	38.0	2,618 fps	42,000 CUP	40.5	2,769 fps	49,700 CUP
	AR2208	.284"	2.750"	39.5	2,695 fps	43,700 CUP	42.2	2,819 fps	49,800 CUP
	AR2209	.284"	2.750"	45.0	2,692 fps	42,300 CUP	48.0C	2,868 fps	49,800 CUP
145 GR. SPR SP	Bench Mark 2	.284"	2.730"	36.0	2,487 fps	40,900 CUP	39.5	2,693 fps	50,700 CUP
	Bench Mark 8208	.284"	2.730"	37.8	2,589 fps	43,700 CUP	40.2	2,721 fps	50,200 CUP

C = Compressed Load; L = Lead Projectile

RIFLE DATA

7mm-08 Remington				Case: Remington Twist: 1:9.5" Primer: Remington 9 1/2			Barrel length: 24" Trim length: 2.025"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
	AR2206H	.284"	2.730"	38.5	2,599 fps	44,400 CUP	41.0	2,728 fps	49,800 CUP
	AR2208	.284"	2.730"	39.0	2,639 fps	46,200 CUP	41.5	2,745 fps	50,200 CUP
	AR2209	.284"	2.730"	45.0	2,647 fps	42,300 CUP	48.0C	2,801 fps	49,800 CUP
150 GR. BAR TTSX BT	Bench Mark 2	.284"	2.770"	34.8	2,369 fps	45,900 CUP	37.0	2,506 fps	50,600 CUP
	Bench Mark 8208	.284"	2.770"	35.2	2,404 fps	44,600 CUP	37.4	2,518 fps	50,700 CUP
	AR2206H	.284"	2.770"	34.8	2,428 fps	45,200 CUP	37.0	2,561 fps	50,700 CUP
	AR2208	.284"	2.770"	37.3	2,448 fps	43,400 CUP	39.7	2,580 fps	50,700 CUP
	AR2209	.284"	2.770"	41.9	2,475 fps	40,100 CUP	45.5C	2,659 fps	50,400 CUP
150 GR. SIE HPBT	Bench Mark 2	.284"	2.800"	36.0	2,526 fps	43,300 CUP	38.5	2,667 fps	50,200 CUP
	Bench Mark 8208	.284"	2.800"	36.9	2,539 fps	43,200 CUP	39.3	2,677 fps	49,900 CUP
	AR2206H	.284"	2.800"	37.0	2,546 fps	43,300 CUP	40.5	2,723 fps	50,000 CUP
	AR2208	.284"	2.800"	38.5	2,597 fps	42,400 CUP	41.3	2,731 fps	50,000 CUP
	AR2209	.284"	2.800"	42.0	2,549 fps	40,600 CUP	45.4	2,724 fps	51,500 CUP
154 GR. HDY SP	Bench Mark 2	.284"	2.800"	36.0	2,467 fps	42,900 CUP	38.5	2,597 fps	49,500 CUP
	Bench Mark 8208	.284"	2.800"	36.2	2,482 fps	43,200 CUP	38.5	2,587 fps	49,100 CUP
	AR2206H	.284"	2.800"	37.0	2,484 fps	44,200 CUP	39.5	2,592 fps	49,900 CUP
	AR2208	.284"	2.800"	38.5	2,530 fps	44,100 CUP	41.2	2,666 fps	50,300 CUP
	AR2209	.284"	2.800"	42.3	2,531 fps	46,100 CUP	45.0	2,645 fps	51,300 CUP
	AR2213SC	.284"	2.800"	48.0	2,550 fps	40,900 CUP	49.5C	2,625 fps	44,500 CUP
160 GR. SPR SPBT	Bench Mark 2	.284"	2.800"	36.0	2,457 fps	44,100 CUP	38.5	2,592 fps	50,700 CUP
	Bench Mark 8208	.284"	2.800"	35.5	2,459 fps	45,400 CUP	37.7	2,554 fps	49,900 CUP
	AR2206H	.284"	2.800"	35.0	2,420 fps	44,400 CUP	38.5	2,530 fps	50,000 CUP
	AR2208	.284"	2.800"	36.5	2,451 fps	43,400 CUP	39.0	2,562 fps	49,900 CUP
	AR2209	.284"	2.800"	40.9	2,471 fps	45,400 CUP	43.5	2,583 fps	50,800 CUP
	AR2213SC	.284"	2.800"	47.5	2,547 fps	43,700 CUP	49.5C	2,627 fps	47,500 CUP
162 GR. HDY A-MAX	Bench Mark 2	.284"	2.875"	36.0	2,441 fps	43,100 CUP	38.0	2,557 fps	49,200 CUP
	Bench Mark 8208	.284"	2.875"	36.2	2,499 fps	41,000 CUP	40.2	2,725 fps	50,800 CUP
	AR2206H	.284"	2.875"	37.0	2,462 fps	43,700 CUP	39.5	2,600 fps	49,800 CUP
	AR2208	.284"	2.875"	38.5	2,504 fps	43,400 CUP	41.0	2,644 fps	49,800 CUP
	AR2209	.284"	2.875"	41.4	2,443 fps	40,400 CUP	45.0	2,622 fps	50,500 CUP
	AR2213SC	.284"	2.875"	47.5	2,501 fps	39,000 CUP	48.5C	2,555 fps	42,400 CUP
168 GR. SIE HPBT	Bench Mark 2	.284"	2.800"	36.0	2,389 fps	43,500 CUP	38.0	2,517 fps	49,400 CUP
	Bench Mark 8208	.284"	2.800"	34.9	2,414 fps	46,400 CUP	37.1	2,486 fps	49,600 CUP
	AR2206H	.284"	2.800"	36.5	2,390 fps	45,400 CUP	39.0	2,504 fps	49,700 CUP
	AR2208	.284"	2.800"	37.5	2,430 fps	44,600 CUP	40.0	2,540 fps	50,100 CUP
	AR2209	.284"	2.800"	41.6	2,431 fps	42,500 CUP	44.2	2,551 fps	50,700 CUP
	AR2213SC	.284"	2.800"	47.0	2,438 fps	39,700 CUP	49.0C	2,545 fps	45,000 CUP
175 GR. NOS PART	Bench Mark 2	.284"	2.800"	34.0	2,202 fps	42,400 CUP	36.5	2,333 fps	49,700 CUP
	Bench Mark 8208	.284"	2.800"	33.4	2,264 fps	43,200 CUP	35.5	2,372 fps	48,200 CUP
	AR2206H	.284"	2.800"	35.0	2,240 fps	44,500 CUP	37.5	2,354 fps	49,700 CUP
	AR2208	.284"	2.800"	35.0	2,231 fps	43,400 CUP	37.5	2,344 fps	49,500 CUP
	AR2209	.284"	2.800"	39.9	2,303 fps	41,900 CUP	42.4	2,451 fps	50,400 CUP
	AR2213SC	.284"	2.800"	47.0	2,443 fps	46,600 CUP	49.0C	2,516 fps	49,400 CUP

RIFLE DATA

7mm Shooting Times Easterner				Case: Winchester Twist: 1:10" Primer: Winchester LR			Barrel length: 22" Trim length: 2.010"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
120 GR. NOS FP	AR2206H	.284"	2.475"	37.0	2,529 fps	-	41.0	2,909 fps	-
	AR2209	.284"	2.475"	44.0	2,503 fps	-	49.0	2,873 fps	-
139 GR. HDY FP	AR2209	.284"	2.500"	43.0	2,271 fps	-	48.0	2,676 fps	-
7 x 57mm Mauser				Case: Winchester Twist: 1:8.75" Primer: Winchester LR			Barrel length: 24" Trim length: 2.225"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
100 GR. HDY HP	Bench Mark 2	.284"	2.900"	41.5	2,987 fps	39,900 CUP	44.3	3,138 fps	45,800 CUP
	Bench Mark 8208	.284"	2.900"	40.0	2,939 fps	40,500 CUP	44.0	3,113 fps	45,500 CUP
	AR2206H	.284"	2.900"	44.0	3,095 fps	41,200 CUP	46.0	3,208 fps	45,400 CUP
	AR2208	.284"	2.900"	45.0	3,123 fps	42,000 CUP	48.0	3,250 fps	45,600 CUP
	AR2209	.284"	2.900"	51.0	2,993 fps	36,000 CUP	54.0C	3,166 fps	41,200 CUP
110 GR. SPR HP	Bench Mark 2	.284"	2.980"	41.0	2,874 fps	39,300 CUP	44.0	3,034 fps	45,700 CUP
	Bench Mark 8208	.284"	2.980"	39.0	2,823 fps	43,400 CUP	43.5	3,006 fps	45,900 CUP
	AR2206H	.284"	2.980"	43.0	2,939 fps	39,600 CUP	46.0	3,078 fps	45,000 CUP
	AR2208	.284"	2.980"	41.0	2,902 fps	40,900 CUP	45.5	3,081 fps	46,000 CUP
	AR2209	.284"	2.980"	51.0	2,865 fps	36,000 CUP	54.0C	3,046 fps	41,900 CUP
120 GR. NOS BT	Bench Mark 2	.284"	3.000"	39.0	2,743 fps	42,900 CUP	41.5	2,863 fps	46,000 CUP
	Bench Mark 8208	.284"	3.000"	37.0	2,652 fps	42,800 CUP	41.0	2,821 fps	45,800 CUP
	AR2206H	.284"	3.000"	40.0	2,732 fps	40,900 CUP	42.0	2,859 fps	45,400 CUP
	AR2208	.284"	3.000"	41.0	2,820 fps	41,700 CUP	44.0	2,979 fps	46,000 CUP
	AR2209	.284"	3.000"	48.0	2,790 fps	40,300 CUP	51.0C	2,945 fps	45,800 CUP
	AR2213SC	.284"	3.000"	50.0	2,650 fps	36,500 CUP	52.5C	2,777 fps	40,800 CUP
130 GR. SPR SP	Bench Mark 2	.284"	2.800"	39.0	2,674 fps	43,300 CUP	41.2	2,765 fps	46,000 CUP
	Bench Mark 8208	.284"	2.800"	35.0	2,488 fps	41,700 CUP	39.0	2,676 fps	46,100 CUP
	AR2206H	.284"	2.800"	38.0	2,579 fps	40,600 CUP	41.0	2,704 fps	46,000 CUP
	AR2208	.284"	2.800"	39.0	2,678 fps	40,400 CUP	42.0	2,800 fps	45,700 CUP
	AR2209	.284"	2.800"	47.0	2,682 fps	40,500 CUP	50.0	2,848 fps	46,000 CUP
140 GR. NOS BT	Bench Mark 2	.284"	3.000"	35.5	2,441 fps	40,900 CUP	38.0	2,571 fps	45,700 CUP
	Bench Mark 8208	.284"	3.000"	33.0	2,335 fps	44,100 CUP	37.0	2,522 fps	46,100 CUP
	AR2206H	.284"	3.000"	35.0	2,376 fps	39,800 CUP	37.5	2,530 fps	45,800 CUP
	AR2208	.284"	3.000"	35.0	2,368 fps	40,800 CUP	37.7	2,516 fps	46,000 CUP
	AR2209	.284"	3.000"	43.0	2,530 fps	40,400 CUP	46.5	2,682 fps	46,000 CUP
	AR2213SC	.284"	3.000"	47.0	2,520 fps	42,500 CUP	49.5C	2,719 fps	46,000 CUP
150 GR. BAR TTSX	Bench Mark 2	.284"	2.965"	31.0	2,194 fps	40,300 CUP	35.0	2,356 fps	45,000 CUP
	AR2206H	.284"	2.965"	31.0	2,167 fps	37,700 CUP	35.0	2,403 fps	45,700 CUP
	AR2208	.284"	2.965"	32.0	2,183 fps	38,600 CUP	36.5	2,415 fps	45,900 CUP
	AR2209	.284"	2.965"	38.0	2,288 fps	36,900 CUP	42.5C	2,502 fps	45,300 CUP
	AR2213SC	.284"	2.965"	42.0	2,318 fps	39,000 CUP	46.0C	2,495 fps	45,000 CUP
150 GR. NOS BT	Bench Mark 2	.284"	3.000"	34.0	2,291 fps	40,900 CUP	36.0	2,365 fps	45,700 CUP
	Bench Mark 8208	.284"	3.000"	32.0	2,206 fps	39,500 CUP	36.0	2,401 fps	45,800 CUP
	AR2206H	.284"	3.000"	34.0	2,271 fps	40,200 CUP	36.0	2,383 fps	46,000 CUP
	AR2208	.284"	3.000"	34.0	2,265 fps	40,900 CUP	36.0	2,372 fps	45,600 CUP
	AR2209	.284"	3.000"	41.0	2,364 fps	38,800 CUP	44.0	2,513 fps	45,500 CUP

C = Compressed Load; L = Lead Projectile

RIFLE DATA

7 x 57mm Mauser				Case: Winchester			Barrel length: 24"		
				Twist: 1:8.75"			Trim length: 2.225"		
				Primer: Winchester LR					
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
	AR2213SC	.284"	3.000"	45.0	2,411 fps	41,700 CUP	48.0	2,542 fps	46,000 CUP
160 GR. NOS PART	Bench Mark 2	.284"	3.000"	32.5	2,174 fps	40,800 CUP	34.7	2,284 fps	45,700 CUP
	Bench Mark 8208	.284"	3.000"	31.0	2,106 fps	38,000 CUP	34.5	2,287 fps	45,900 CUP
	AR2206H	.284"	3.000"	33.0	2,165 fps	40,200 CUP	34.5	2,245 fps	44,700 CUP
	AR2208	.284"	3.000"	33.0	2,160 fps	41,100 CUP	35.0	2,261 fps	45,900 CUP
	AR2209	.284"	3.000"	40.0	2,314 fps	42,100 CUP	42.5	2,399 fps	45,400 CUP
	AR2213SC	.284"	3.000"	43.0	2,311 fps	41,500 CUP	46.0	2,415 fps	45,700 CUP
168 GR. SIE HPBT	Bench Mark 2	.284"	3.000"	33.5	2,212 fps	40,900 CUP	36.0	2,336 fps	46,000 CUP
	Bench Mark 8208	.284"	3.000"	31.0	3,100 fps	39,100 CUP	34.0	2,260 fps	45,800 CUP
	AR2206H	.284"	3.000"	33.0	2,118 fps	36,400 CUP	34.5	2,211 fps	42,600 CUP
	AR2208	.284"	3.000"	34.5	2,232 fps	36,600 CUP	37.5	2,404 fps	45,500 CUP
	AR2209	.284"	3.000"	40.0	2,267 fps	40,400 CUP	42.5	2,378 fps	44,100 CUP
	AR2213SC	.284"	3.000"	43.0	2,244 fps	38,100 CUP	46.0	2,393 fps	43,900 CUP
	AR2217	.284"	3.000"	49.0	2,338 fps	40,800 CUP	52.0C	2,485 fps	46,000 CUP
175 GR. NOS PART	AR2208	.284"	3.025"	31.0	2,005 fps	34,200 CUP	35.0	2,178 fps	45,500 CUP
	AR2209	.284"	3.025"	35.0	2,066 fps	39,700 CUP	37.0	2,159 fps	43,400 CUP
	AR2213SC	.284"	3.025"	37.0	2,098 fps	41,300 CUP	40.0	2,201 fps	45,700 CUP
	AR2217	.284"	3.025"	42.0	2,038 fps	41,000 CUP	44.5	2,239 fps	45,500 CUP
280 Remington (7mm Express Remington)				Case: Remington			Barrel length: 24"		
				Twist: 1:10"			Trim length: 2.530"		
				Primer: Remington 9 1/2					
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
100 GR. SIE HP	AR2206H	.284"	3.180"	47.0	3,226 fps	42,800 CUP	50.5	3,418 fps	49,000 CUP
	AR2208	.284"	3.180"	48.0	3,254 fps	42,400 CUP	51.3	3,433 fps	48,300 CUP
	AR2209	.284"	3.180"	56.0	3,167 fps	41,400 CUP	60.5	3,379 fps	49,200 CUP
	AR2213SC	.284"	3.180"	59.0	3,053 fps	38,900 CUP	63.0C	3,266 fps	46,000 CUP
115 GR. SPR HP	AR2206H	.284"	3.180"	46.0	3,033 fps	42,600 CUP	49.0	3,175 fps	48,300 CUP
	AR2208	.284"	3.180"	46.0	3,040 fps	43,500 CUP	49.0	3,170 fps	47,700 CUP
	AR2209	.284"	3.180"	54.0	3,017 fps	40,200 CUP	58.5	3,234 fps	48,100 CUP
	AR2213SC	.284"	3.180"	58.0	3,014 fps	40,600 CUP	62.0C	3,190 fps	47,300 CUP
120 GR. BAR TSX	AR2206H	.284"	3.230"	46.9	3,067 fps	54,300 PSI	49.9	3,171 fps	57,200 PSI
	AR2208	.284"	3.230"	47.7	3,007 fps	48,800 PSI	50.7	3,177 fps	57,200 PSI
	AR2209	.284"	3.230"	55.5	3,093 fps	49,100 PSI	59.0C	3,254 fps	57,400 PSI
	AR2213SC	.284"	3.230"	58.0	2,923 fps	43,600 PSI	63.0C	3,124 fps	53,100 PSI
140 GR. NOS PART	AR2206H	.284"	3.230"	42.0	2,711 fps	43,200 CUP	45.2	2,830 fps	48,400 CUP
	AR2208	.284"	3.230"	42.0	2,674 fps	41,400 CUP	45.5	2,838 fps	48,100 CUP
	AR2209	.284"	3.230"	50.0	2,756 fps	41,900 CUP	53.5	2,918 fps	48,500 CUP
	AR2213SC	.284"	3.230"	54.0	2,732 fps	41,000 CUP	58.5	2,927 fps	48,500 CUP
145 GR. SPR SP	AR2206H	.284"	3.160"	38.0	2,434 fps	43,800 CUP	41.0	2,596 fps	48,400 CUP
	AR2208	.284"	3.160"	39.0	2,469 fps	44,900 CUP	43.0	2,690 fps	48,000 CUP
	AR2209	.284"	3.160"	45.0	2,553 fps	44,500 CUP	48.8	2,714 fps	49,900 CUP
	AR2213SC	.284"	3.160"	48.0	2,579 fps	46,900 CUP	53.0	2,727 fps	50,000 CUP
150 GR. NOS PART	AR2206H	.284"	3.300"	38.0	2,430 fps	43,700 CUP	41.5	2,588 fps	50,000 CUP
	AR2208	.284"	3.300"	39.0	2,485 fps	44,000 CUP	42.0	2,611 fps	49,800 CUP

C = Compressed Load; L = Lead Projectile

RIFLE DATA

280 Remington (7mm Express Remington)				Case: Remington Twist: 1:10" Primer: Remington 9 1/2			Barrel length: 24" Trim length: 2.530"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
	AR2209	.284"	3.300"	46.0	2,550 fps	42,500 CUP	49.7	2,700 fps	49,300 CUP
	AR2213SC	.284"	3.300"	50.0	2,579 fps	45,100 CUP	53.7	2,709 fps	49,500 CUP
	AR2217	.284"	3.300"	56.0	2,647 fps	43,500 CUP	60.0C	2,797 fps	49,300 CUP
160 GR. SFT SP	AR2206H	.284"	3.240"	38.0	2,341 fps	40,300 CUP	41.5	2,535 fps	49,500 CUP
	AR2208	.284"	3.240"	39.0	2,384 fps	43,000 CUP	42.5	2,555 fps	49,300 CUP
	AR2209	.284"	3.240"	46.0	2,441 fps	40,900 CUP	49.5	2,610 fps	48,900 CUP
	AR2213SC	.284"	3.240"	51.0	2,464 fps	40,600 CUP	55.0	2,660 fps	49,500 CUP
	AR2217	.284"	3.240"	57.0	2,517 fps	40,700 CUP	61.0C	2,714 fps	47,500 CUP
162 GR. HDY A-MAX	AR2206H	.284"	3.330"	38.0	2,396 fps	42,800 CUP	41.5	2,567 fps	50,000 CUP
	AR2208	.284"	3.330"	39.0	2,443 fps	44,100 CUP	42.0	2,573 fps	49,500 CUP
	AR2209	.284"	3.330"	46.0	2,468 fps	42,300 CUP	49.5	2,614 fps	49,900 CUP
	AR2213SC	.284"	3.330"	51.0	2,517 fps	44,100 CUP	54.5	2,644 fps	49,300 CUP
	AR2217	.284"	3.330"	56.0	2,526 fps	40,300 CUP	60.0C	2,711 fps	47,200 CUP
168 GR. SIE HPBT	AR2206H	.284"	3.330"	38.0	2,329 fps	45,900 CUP	41.2	2,468 fps	49,600 CUP
	AR2208	.284"	3.330"	40.0	2,424 fps	45,800 CUP	42.2	2,523 fps	49,900 CUP
	AR2209	.284"	3.330"	46.0	2,422 fps	41,300 CUP	50.0	2,586 fps	49,400 CUP
	AR2213SC	.284"	3.330"	51.0	2,462 fps	42,400 CUP	54.5	2,605 fps	49,200 CUP
	AR2217	.284"	3.330"	56.0	2,506 fps	39,400 CUP	60.0C	2,700 fps	49,300 CUP
175 GR. HDY SP	AR2209	.284"	3.300"	44.0	2,343 fps	44,600 CUP	46.5	2,447 fps	49,300 CUP
	AR2213SC	.284"	3.300"	48.0	2,362 fps	44,400 CUP	51.0	2,477 fps	49,800 CUP
	AR2217	.284"	3.300"	54.0	2,502 fps	47,000 CUP	57.0C	2,583 fps	49,600 CUP
284 Winchester				Case: Winchester Twist: 1:10" Primer: Winchester LR			Barrel length: 24" Trim length: 2.160"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
100 GR. SIE HP	Bench Mark 8208	.284"	2.800"	48.9	3,322 fps	44,800 CUP	52.0	3,478 fps	52,000 CUP
	AR2206H	.284"	2.800"	47.0	3,213 fps	45,800 CUP	51.5	3,428 fps	51,600 CUP
	AR2208	.284"	2.800"	51.0	3,242 fps	45,900 CUP	54.0	3,435 fps	52,900 CUP
	AR2209	.284"	2.800"	55.0	3,096 fps	39,600 CUP	60.0C	3,368 fps	49,000 CUP
115 GR. SPR SP	AR2206H	.284"	2.800"	45.0	3,000 fps	43,500 CUP	50.0	3,245 fps	52,400 CUP
	AR2208	.284"	2.800"	49.0	3,096 fps	46,900 CUP	53.0	3,281 fps	53,400 CUP
	AR2209	.284"	2.800"	54.0	3,008 fps	40,200 CUP	59.0C	3,305 fps	52,200 CUP
120 GR. HDY V-MAX	Bench Mark 8208	.284"	2.825"	45.1	3,032 fps	45,600 CUP	48.0	3,134 fps	52,600 CUP
	AR2206H	.284"	2.825"	43.0	2,880 fps	41,400 CUP	48.0	3,120 fps	51,600 CUP
	AR2208	.284"	2.825"	45.0	2,919 fps	43,200 CUP	50.5	3,158 fps	52,200 CUP
	AR2209	.284"	2.825"	53.0	3,017 fps	44,700 CUP	57.0C	3,174 fps	49,600 CUP
	AR2213SC	.284"	2.825"	56.0	2,846 fps	38,900 CUP	60.0C	3,018 fps	45,200 CUP
130 GR. BAR XBT	AR2206H	.284"	2.850"	44.0	2,853 fps	47,300 CUP	47.5	2,984 fps	52,100 CUP
	AR2208	.284"	2.850"	45.0	2,844 fps	47,400 CUP	49.7	3,026 fps	52,700 CUP
	AR2209	.284"	2.850"	53.0	2,920 fps	45,700 CUP	57.0C	3,095 fps	50,900 CUP
	AR2213SC	.284"	2.850"	56.0	2,788 fps	40,500 CUP	60.0C	2,923 fps	46,300 CUP
139 GR. HDY SST	Bench Mark 8208	.284"	2.915"	42.8	2,772 fps	43,900 CUP	45.5	2,914 fps	51,900 CUP
	AR2206H	.284"	2.915"	43.0	2,811 fps	48,000 CUP	47.0	2,943 fps	51,700 CUP
	AR2208	.284"	2.915"	45.0	2,777 fps	44,400 CUP	49.5	2,996 fps	52,600 CUP

C = Compressed Load; L = Lead Projectile

RIFLE DATA

284 Winchester				Case: Winchester Twist: 1:10" Primer: Winchester LR			Barrel length: 24" Trim length: 2.160"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
	AR2209	.284"	2.915"	52.0	2,840 fps	44,300 CUP	57.0C	3,079 fps	52,400 CUP
	AR2213SC	.284"	2.915"	56.0	2,760 fps	40,000 CUP	60.0C	2,923 fps	46,900 CUP
145 GR. SPR SP	AR2206H	.284"	2.800"	43.0	2,736 fps	47,500 CUP	46.5	2,856 fps	51,600 CUP
	AR2208	.284"	2.800"	45.0	2,771 fps	48,300 CUP	49.0	2,905 fps	52,500 CUP
	AR2209	.284"	2.800"	50.0	2,743 fps	45,600 CUP	55.0	2,964 fps	53,200 CUP
	AR2213SC	.284"	2.800"	55.0	2,733 fps	45,200 CUP	60.0C	2,945 fps	52,500 CUP
150 GR. SFT SCIR	AR2206H	.284"	2.950"	43.0	2,719 fps	48,100 CUP	46.5	2,818 fps	52,300 CUP
	AR2208	.284"	2.950"	44.0	2,674 fps	45,400 CUP	48.7	2,863 fps	52,800 CUP
	AR2209	.284"	2.950"	50.0	2,721 fps	46,100 CUP	54.7C	2,913 fps	52,300 CUP
	AR2213SC	.284"	2.950"	55.0	2,682 fps	45,200 CUP	59.0C	2,852 fps	50,100 CUP
160 GR. BAR TSX	AR2206H	.284"	2.870"	40.0	2,374 fps	42,800 CUP	45.0	2,593 fps	51,500 CUP
	AR2208	.284"	2.870"	42.0	2,397 fps	43,100 CUP	46.5	2,632 fps	51,800 CUP
	AR2209	.284"	2.870"	47.0	2,497 fps	43,700 CUP	52.0C	2,672 fps	50,400 CUP
	AR2213SC	.284"	2.870"	50.0	2,391 fps	38,300 CUP	55.5C	2,629 fps	47,400 CUP
162 GR. HDY BTSP	AR2206H	.284"	2.970"	40.0	2,502 fps	42,900 CUP	44.2	2,703 fps	51,600 CUP
	AR2208	.284"	2.970"	42.0	2,557 fps	43,800 CUP	47.0	2,764 fps	52,500 CUP
	AR2209	.284"	2.970"	50.0	2,712 fps	47,600 CUP	53.5C	2,847 fps	53,000 CUP
	AR2213SC	.284"	2.970"	53.0	2,617 fps	44,500 CUP	58.0C	2,816 fps	50,900 CUP
168 GR. SIE HPBT	AR2206H	.284"	2.900"	40.0	2,531 fps	46,200 CUP	44.0	2,689 fps	52,300 CUP
	AR2208	.284"	2.900"	42.0	2,576 fps	45,400 CUP	47.0	2,736 fps	52,500 CUP
	AR2209	.284"	2.900"	50.0	2,668 fps	47,400 CUP	53.5C	2,822 fps	53,000 CUP
	AR2213SC	.284"	2.900"	53.0	2,602 fps	45,100 CUP	58.0C	2,807 fps	52,700 CUP
175 GR. SFT SP	AR2208	.284"	2.930"	42.0	2,413 fps	45,800 CUP	46.0	2,582 fps	52,600 CUP
	AR2209	.284"	2.930"	47.0	2,483 fps	44,900 CUP	51.5C	2,649 fps	52,000 CUP
	AR2213SC	.284"	2.930"	52.0	2,482 fps	44,500 CUP	57.0C	2,695 fps	52,900 CUP
280 Ackley Improved				Case: Nosler Twist: 1:9" Primer: Winchester LR			Barrel length: 24" Trim length: 2.530"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
120 GR. NOS BT	AR2206H	.284"	3.320"	44.7	2,974 fps	51,800 PSI	47.5	3,128 fps	60,700 PSI
	AR2208	.284"	3.320"	47.0	2,988 fps	52,200 PSI	50.0	3,153 fps	61,300 PSI
	AR2209	.284"	3.320"	55.5	3,120 fps	54,000 PSI	59.0	3,271 fps	61,400 PSI
	AR2213SC	.284"	3.320"	61.1	3,024 fps	52,200 PSI	65.0C	3,240 fps	60,900 PSI
	AR2217	.284"	3.320"	62.0	2,924 fps	45,100 PSI	66.0C	3,120 fps	54,400 PSI
130 GR. SIE HPBT	AR2206H	.284"	3.320"	42.8	2,813 fps	51,200 PSI	45.5	2,953 fps	60,300 PSI
	AR2208	.284"	3.320"	44.7	2,855 fps	53,500 PSI	47.5	2,991 fps	60,800 PSI
	AR2209	.284"	3.320"	50.8	2,913 fps	53,300 PSI	54.0	3,051 fps	60,000 PSI
	AR2213SC	.284"	3.320"	57.3	2,910 fps	53,800 PSI	61.0	3,060 fps	61,300 PSI
	AR2217	.284"	3.320"	60.6	2,910 fps	51,600 PSI	64.5C	3,065 fps	59,800 PSI
140 GR. NOS BT	AR2206H	.284"	3.330"	42.8	2,737 fps	53,600 PSI	45.5	2,876 fps	61,600 PSI
	AR2208	.284"	3.330"	44.6	2,754 fps	54,100 PSI	47.4	2,903 fps	60,400 PSI
	AR2209	.284"	3.330"	52.2	2,893 fps	55,200 PSI	55.5	3,012 fps	61,600 PSI
	AR2213SC	.284"	3.330"	58.3	2,841 fps	53,600 PSI	62.0C	3,012 fps	61,100 PSI
	AR2217	.284"	3.330"	60.0	2,778 fps	48,200 PSI	64.0C	2,972 fps	58,700 PSI

C = Compressed Load; L = Lead Projectile

RIFLE DATA

280 Ackley Improved				Case: Nosler Twist: 1:9" Primer: Winchester LR			Barrel length: 24" Trim length: 2.530"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
150 GR. BAR TSX	AR2206H	.284"	3.230"	41.4	2,598 fps	52,800 PSI	44.0	2,716 fps	59,900 PSI
	AR2208	.284"	3.230"	43.0	2,632 fps	53,800 PSI	45.8	2,750 fps	60,900 PSI
	AR2209	.284"	3.230"	49.5	2,736 fps	55,600 PSI	52.7	2,855 fps	61,600 PSI
	AR2213SC	.284"	3.230"	54.1	2,705 fps	51,900 PSI	57.5C	2,840 fps	59,900 PSI
	AR2217	.284"	3.230"	54.5	2,592 fps	54,100 PSI	61.0C	2,826 fps	56,900 PSI
150 GR. SFT SCIR	AR2206H	.284"	3.330"	42.0	2,633 fps	52,100 PSI	44.6	2,773 fps	61,200 PSI
	AR2208	.284"	3.330"	43.5	2,647 fps	51,700 PSI	46.3	2,796 fps	59,300 PSI
	AR2209	.284"	3.330"	48.0	2,676 fps	51,900 PSI	54.5	2,908 fps	61,700 PSI
	AR2213SC	.284"	3.330"	53.6	2,657 fps	51,500 PSI	57.0	2,773 fps	61,200 PSI
	AR2217	.284"	3.330"	58.5	2,724 fps	57,100 PSI	62.2C	2,883 fps	60,300 PSI
160 GR. NOS AB	AR2206H	.284"	3.330"	40.9	2,496 fps	52,300 PSI	43.5	2,615 fps	59,500 PSI
	AR2208	.284"	3.330"	43.2	2,551 fps	53,200 PSI	46.0	2,685 fps	62,000 PSI
	AR2209	.284"	3.330"	48.4	2,633 fps	54,100 PSI	51.5	2,747 fps	60,700 PSI
	AR2213SC	.284"	3.330"	54.0	2,674 fps	55,000 PSI	57.5C	2,812 fps	62,000 PSI
	AR2217	.284"	3.330"	57.3	2,672 fps	54,200 PSI	61.0C	2,808 fps	61,100 PSI
162 GR. HDY BTSP	AR2206H	.284"	3.325"	40.9	2,535 fps	53,800 PSI	43.5	2,651 fps	61,400 PSI
	AR2208	.284"	3.325"	42.6	2,570 fps	54,600 PSI	45.3	2,690 fps	62,000 PSI
	AR2209	.284"	3.325"	47.6	2,629 fps	52,900 PSI	50.6	2,755 fps	60,800 PSI
	AR2213SC	.284"	3.325"	53.0	2,662 fps	54,200 PSI	56.4	2,788 fps	61,400 PSI
	AR2217	.284"	3.325"	56.8	2,653 fps	52,300 PSI	60.4	2,797 fps	61,300 PSI
168 GR. SIE HPBT	AR2206H	.284"	3.330"	40.4	2,474 fps	52,300 PSI	43.0	2,595 fps	60,900 PSI
	AR2208	.284"	3.330"	43.0	2,518 fps	53,700 PSI	46.0	2,667 fps	62,100 PSI
	AR2209	.284"	3.330"	48.4	2,621 fps	54,500 PSI	51.5	2,734 fps	61,800 PSI
	AR2213SC	.284"	3.330"	54.0	2,653 fps	55,100 PSI	57.7	2,779 fps	62,000 PSI
	AR2217	.284"	3.330"	57.8	2,641 fps	52,500 PSI	61.5C	2,789 fps	61,100 PSI
	AR2225	.284"	3.330"	59.0	2,652 fps	49,000 PSI	63.0C	2,831 fps	59,300 PSI
175 GR. SFT SP	AR2209	.284"	3.270"	47.7	2,515 fps	54,700 PSI	50.7	2,626 fps	62,100 PSI
	AR2213SC	.284"	3.270"	52.0	2,496 fps	51,900 PSI	55.5	2,651 fps	62,000 PSI
	AR2217	.284"	3.270"	55.5	2,544 fps	52,700 PSI	59.0C	2,675 fps	61,100 PSI
	AR2225	.284"	3.270"	56.7	2,604 fps	52,400 PSI	60.3C	2,743 fps	59,800 PSI
7mm Rem. S.A. Ultra Mag.				Case: Remington Twist: 1:9.25" Primer: Remington 9 1/2M			Barrel length: 24" Trim length: 2.025"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
100 GR. HDY HP	AR2206H	.284"	2.700"	53.0	3,450 fps	53,900 PSI	57.0	3,631 fps	62,800 PSI
	AR2208	.284"	2.700"	56.0	3,418 fps	52,600 PSI	60.0	3,626 fps	63,000 PSI
	AR2209	.284"	2.700"	63.0	3,424 fps	52,500 PSI	66.5C	3,622 fps	63,100 PSI
110 GR. SPR TNT HP	AR2206H	.284"	2.730"	53.0	3,351 fps	55,400 PSI	56.5	3,494 fps	62,700 PSI
	AR2208	.284"	2.730"	54.0	3,295 fps	52,500 PSI	59.0	3,513 fps	63,200 PSI
	AR2209	.284"	2.730"	61.0	3,263 fps	49,400 PSI	65.0	3,499 fps	62,600 PSI
115 GR. SPR HP	AR2206H	.284"	2.650"	51.0	3,211 fps	55,700 PSI	54.0	3,336 fps	62,400 PSI
	AR2208	.284"	2.650"	54.0	3,234 fps	54,300 PSI	58.0	3,402 fps	62,800 PSI
	AR2209	.284"	2.650"	60.0	3,196 fps	51,100 PSI	64.0	3,413 fps	63,200 PSI
	AR2213SC	.284"	2.650"	65.0	3,212 fps	53,800 PSI	68.0C	3,342 fps	61,400 PSI

C = Compressed Load; L = Lead Projectile

RIFLE DATA

7mm Rem. S.A. Ultra Mag.				Case: Remington Twist: 1:9.25" Primer: Remington 9 1/2M			Barrel length: 24" Trim length: 2.025"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
120 GR. BAR TSX	AR2208	.284"	2.725"	51.0	3,120 fps	52,900 PSI	55.5	3,310 fps	62,500 PSI
	AR2209	.284"	2.725"	58.0	3,130 fps	51,300 PSI	63.2	3,375 fps	63,700 PSI
	AR2213SC	.284"	2.725"	63.0	3,077 fps	50,100 PSI	67.0C	3,243 fps	58,200 PSI
130 GR. SIE HPBT	AR2208	.284"	2.800"	51.0	3,057 fps	55,700 PSI	54.0	3,190 fps	62,900 PSI
	AR2209	.284"	2.800"	57.0	3,060 fps	53,700 PSI	60.5	3,222 fps	62,600 PSI
	AR2213SC	.284"	2.800"	61.0	3,017 fps	52,300 PSI	65.0	3,192 fps	62,600 PSI
140 GR. NOS BT	AR2208	.284"	2.825"	50.0	2,945 fps	56,500 PSI	53.5	3,068 fps	62,300 PSI
	AR2209	.284"	2.825"	56.0	2,910 fps	50,600 PSI	60.0	3,122 fps	63,200 PSI
	AR2213SC	.284"	2.825"	61.0	2,928 fps	52,800 PSI	64.5C	3,099 fps	63,100 PSI
145 GR. SPR HPBT	AR2208	.284"	2.750"	49.0	2,865 fps	56,100 PSI	52.5	2,999 fps	63,400 PSI
	AR2209	.284"	2.750"	55.0	2,943 fps	54,000 PSI	58.5	3,093 fps	62,800 PSI
	AR2213SC	.284"	2.750"	59.0	2,909 fps	52,300 PSI	63.0	3,094 fps	63,100 PSI
150 GR. SFT SCIR	AR2209	.284"	2.825"	53.5	2,837 fps	53,500 PSI	57.0	2,984 fps	62,800 PSI
	AR2213SC	.284"	2.825"	58.0	2,823 fps	52,800 PSI	61.5	2,987 fps	63,000 PSI
	AR2217	.284"	2.825"	66.0	2,873 fps	53,500 PSI	68.0C	2,967 fps	59,300 PSI
154 GR. HDY SP	AR2209	.284"	2.800"	53.0	2,805 fps	54,500 PSI	56.5	2,947 fps	62,900 PSI
	AR2213SC	.284"	2.800"	58.0	2,824 fps	55,000 PSI	61.5	2,947 fps	62,700 PSI
	AR2217	.284"	2.800"	65.0	2,866 fps	55,700 PSI	68.0C	2,960 fps	61,900 PSI
160 GR. NOS PART	AR2209	.284"	2.825"	53.0	2,774 fps	55,200 PSI	56.5	2,914 fps	63,100 PSI
	AR2213SC	.284"	2.825"	57.0	2,730 fps	53,800 PSI	60.5	2,900 fps	62,600 PSI
	AR2217	.284"	2.825"	63.0	2,772 fps	53,600 PSI	67.0C	2,931 fps	63,300 PSI
162 GR. HDY SPBT	AR2209	.284"	2.825"	52.0	2,760 fps	54,700 PSI	55.5	2,879 fps	62,500 PSI
	AR2213SC	.284"	2.825"	56.5	2,751 fps	55,100 PSI	60.0	2,887 fps	63,100 PSI
	AR2217	.284"	2.825"	64.0	2,793 fps	54,400 PSI	67.0C	2,902 fps	60,900 PSI
168 GR. SIE HPBT	AR2209	.284"	2.825"	51.0	2,666 fps	51,800 PSI	56.0	2,855 fps	62,900 PSI
	AR2213SC	.284"	2.825"	56.0	2,682 fps	52,400 PSI	60.5	2,848 fps	62,800 PSI
	AR2217	.284"	2.825"	64.0	2,770 fps	55,100 PSI	67.0C	2,874 fps	61,200 PSI
175 GR. HDY SP	AR2209	.284"	2.825"	50.0	2,619 fps	53,900 PSI	54.5	2,775 fps	63,100 PSI
	AR2213SC	.284"	2.825"	54.0	2,627 fps	54,300 PSI	58.0	2,760 fps	62,900 PSI
	AR2217	.284"	2.825"	61.0	2,658 fps	54,500 PSI	65.5C	2,817 fps	62,800 PSI
	AR2225	.284"	2.825"	62.0	2,686 fps	51,000 PSI	66.0C	2,863 fps	62,700 PSI

7mm Winchester Short Magnum				Case: Winchester Twist: 1:9.5" Primer: Winchester LRM			Barrel length: 24" Trim length: 2.096"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
100 GR. BAR XFB	AR2206H	.284"	2.725"	54.0	3,442 fps	56,100 PSI	57.5	3,590 fps	62,500 PSI
	AR2208	.284"	2.725"	56.0	3,392 fps	54,100 PSI	60.5	3,588 fps	62,400 PSI
	AR2209	.284"	2.725"	65.0	3,388 fps	51,800 PSI	70.0	3,647 fps	63,200 PSI
110 GR. SPR TNT HP	Bench Mark 8208	.284"	2.830"	53.3	3,283 fps	55,200 PSI	56.7	3,435 fps	63,400 PSI
	AR2206H	.284"	2.830"	53.0	3,229 fps	52,500 PSI	57.0	3,417 fps	62,300 PSI
	AR2208	.284"	2.830"	56.0	3,320 fps	56,200 PSI	60.0	3,458 fps	62,500 PSI
	AR2209	.284"	2.830"	65.0	3,323 fps	52,600 PSI	70.0	3,553 fps	63,300 PSI
	AR2213SC	.284"	2.830"	68.0	3,225 fps	51,300 PSI	73.0	3,465 fps	62,600 PSI
115 GR. SPR HP	Bench Mark 8208	.284"	2.770"	50.8	3,147 fps	54,400 PSI	54.0	3,298 fps	62,700 PSI

C = Compressed Load; L = Lead Projectile

RIFLE DATA

7mm Winchester Short Magnum				Case: Winchester Twist: 1:9.5" Primer: Winchester LRM			Barrel length: 24" Trim length: 2.096"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
	AR2206H	.284"	2.770"	51.0	3,143 fps	54,700 PSI	55.0	3,309 fps	62,700 PSI
	AR2208	.284"	2.770"	54.0	3,220 fps	57,000 PSI	57.5	3,360 fps	63,800 PSI
	AR2209	.284"	2.770"	62.0	3,278 fps	56,400 PSI	66.5	3,441 fps	63,500 PSI
	AR2213SC	.284"	2.770"	65.0	3,179 fps	53,700 PSI	70.0	3,372 fps	62,900 PSI
120 GR. HDY V-MAX	Bench Mark 8208	.284"	2.825"	49.2	3,052 fps	54,800 PSI	52.3	3,202 fps	62,000 PSI
	AR2206H	.284"	2.825"	50.0	3,059 fps	51,600 PSI	54.0	3,262 fps	62,500 PSI
	AR2208	.284"	2.825"	53.0	3,155 fps	56,300 PSI	57.0	3,311 fps	63,500 PSI
	AR2209	.284"	2.825"	61.0	3,206 fps	54,800 PSI	65.5	3,387 fps	63,500 PSI
	AR2213SC	.284"	2.825"	65.0	3,159 fps	55,100 PSI	69.5	3,335 fps	63,400 PSI
130 GR. SIE HPBT	Bench Mark 8208	.284"	2.860"	48.7	2,972 fps	55,500 PSI	51.8	3,109 fps	63,000 PSI
	AR2206H	.284"	2.860"	49.0	2,969 fps	54,500 PSI	53.0	3,136 fps	63,000 PSI
	AR2208	.284"	2.860"	51.5	3,029 fps	56,200 PSI	55.2	3,183 fps	64,000 PSI
	AR2209	.284"	2.860"	57.0	3,048 fps	54,500 PSI	61.0	3,213 fps	62,800 PSI
	AR2213SC	.284"	2.860"	62.0	3,041 fps	55,000 PSI	66.0	3,202 fps	63,200 PSI
	AR2217	.284"	2.860"	67.0	3,018 fps	52,300 PSI	72.0C	3,208 fps	61,600 PSI
140 GR. NOS PART	Bench Mark 8208	.284"	2.850"	48.6	2,895 fps	55,700 PSI	51.7	3,026 fps	62,900 PSI
	AR2206H	.284"	2.850"	49.0	2,873 fps	54,100 PSI	52.3	3,024 fps	63,000 PSI
	AR2208	.284"	2.850"	51.0	2,909 fps	54,100 PSI	54.5	3,063 fps	62,600 PSI
	AR2209	.284"	2.850"	58.0	2,979 fps	53,700 PSI	61.5	3,133 fps	61,900 PSI
	AR2213SC	.284"	2.850"	62.0	2,957 fps	53,600 PSI	66.0	3,116 fps	62,000 PSI
	AR2217	.284"	2.850"	69.0	2,995 fps	53,400 PSI	72.0C	3,091 fps	59,000 PSI
	AR2225	.284"	2.850"	69.0	2,888 fps	47,100 PSI	72.0C	3,046 fps	54,300 PSI
145 GR. SPR BTSP	Bench Mark 8208	.284"	2.860"	47.4	2,761 fps	55,100 PSI	50.4	2,885 fps	62,400 PSI
	AR2206H	.284"	2.860"	47.0	2,779 fps	55,100 PSI	50.5	2,922 fps	62,300 PSI
	AR2208	.284"	2.860"	50.0	2,872 fps	57,100 PSI	53.3	3,001 fps	64,000 PSI
	AR2209	.284"	2.860"	55.0	2,898 fps	55,700 PSI	58.7	3,040 fps	62,600 PSI
	AR2213SC	.284"	2.860"	59.0	2,890 fps	55,800 PSI	63.0	3,044 fps	63,400 PSI
	AR2217	.284"	2.860"	65.0	2,904 fps	54,000 PSI	70.0C	3,082 fps	62,900 PSI
150 GR. WIN SP	Bench Mark 8208	.284"	2.850"	47.9	2,803 fps	55,500 PSI	51.0	2,922 fps	62,200 PSI
	AR2206H	.284"	2.840"	48.0	2,782 fps	54,000 PSI	51.5	2,930 fps	62,300 PSI
	AR2208	.284"	2.840"	51.0	2,852 fps	55,700 PSI	55.0	3,000 fps	63,400 PSI
	AR2209	.284"	2.840"	59.0	2,923 fps	54,600 PSI	63.0	3,080 fps	62,900 PSI
	AR2213SC	.284"	2.840"	63.0	2,902 fps	53,700 PSI	67.3	3,066 fps	62,500 PSI
	AR2217	.284"	2.840"	68.0	2,899 fps	51,300 PSI	72.0C	3,031 fps	58,600 PSI
	AR2225	.284"	2.840"	68.0	2,824 fps	45,600 PSI	72.0C	2,987 fps	53,000 PSI
154 GR. HDY SP	Bench Mark 8208	.284"	2.860"	46.2	2,683 fps	54,200 PSI	49.7	2,824 fps	63,200 PSI
	AR2206H	.284"	2.860"	46.0	2,658 fps	55,200 PSI	49.5	2,799 fps	63,000 PSI
	AR2208	.284"	2.860"	48.0	2,705 fps	55,000 PSI	52.0	2,854 fps	62,800 PSI
	AR2209	.284"	2.860"	54.0	2,775 fps	54,500 PSI	57.7	2,920 fps	62,600 PSI
	AR2213SC	.284"	2.860"	58.0	2,779 fps	54,100 PSI	62.5	2,942 fps	62,900 PSI
	AR2217	.284"	2.860"	64.0	2,831 fps	55,100 PSI	68.5C	2,975 fps	62,500 PSI
	AR2225	.284"	2.860"	66.0	2,833 fps	50,000 PSI	71.0C	3,040 fps	61,700 PSI
160 GR. SFT SP	AR2206H	.284"	2.850"	46.0	2,614 fps	52,500 PSI	49.0	2,762 fps	62,600 PSI
	AR2208	.284"	2.850"	48.0	2,676 fps	54,100 PSI	51.3	2,823 fps	62,100 PSI
	AR2209	.284"	2.850"	56.0	2,782 fps	54,600 PSI	59.5	2,918 fps	62,200 PSI

RIFLE DATA

7mm Winchester Short Magnum				Case: Winchester Twist: 1:9.5" Primer: Winchester LRM			Barrel length: 24" Trim length: 2.096"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
	AR2213SC	.284"	2.850"	59.0	2,757 fps	54,200 PSI	63.5	2,921 fps	62,600 PSI
	AR2217	.284"	2.850"	65.0	2,801 fps	54,300 PSI	69.5C	2,956 fps	62,800 PSI
	AR2225	.284"	2.850"	66.0	2,793 fps	51,200 PSI	70.0C	2,958 fps	59,800 PSI
162 GR. HDY BTSP	AR2206H	.284"	2.860"	46.0	2,645 fps	54,800 PSI	49.0	2,773 fps	62,700 PSI
	AR2208	.284"	2.860"	48.0	2,691 fps	54,900 PSI	51.5	2,830 fps	62,900 PSI
	AR2209	.284"	2.860"	54.0	2,759 fps	53,700 PSI	58.0	2,909 fps	62,900 PSI
	AR2213SC	.284"	2.860"	58.0	2,772 fps	55,500 PSI	62.0	2,915 fps	62,800 PSI
	AR2217	.284"	2.860"	64.0	2,816 fps	55,600 PSI	69.0C	2,969 fps	63,400 PSI
	AR2225	.284"	2.860"	66.0	2,836 fps	53,300 PSI	70.5C	3,007 fps	62,500 PSI
168 GR. SIE HPBT	AR2206H	.284"	2.850"	46.0	2,615 fps	55,000 PSI	48.7	2,732 fps	62,600 PSI
	AR2208	.284"	2.850"	48.0	2,666 fps	55,100 PSI	51.0	2,788 fps	63,200 PSI
	AR2209	.284"	2.850"	55.0	2,747 fps	55,900 PSI	58.5	2,865 fps	62,300 PSI
	AR2213SC	.284"	2.850"	59.0	2,759 fps	56,200 PSI	63.0	2,892 fps	63,400 PSI
	AR2217	.284"	2.850"	65.0	2,759 fps	54,000 PSI	69.0C	2,907 fps	61,600 PSI
	AR2225	.284"	2.850"	66.0	2,757 fps	50,900 PSI	70.0C	2,921 fps	59,500 PSI
175 GR. SPR MAG TIP	AR2209	.284"	2.760"	49.0	2,545 fps	55,500 PSI	52.5	2,672 fps	62,200 PSI
	AR2213SC	.284"	2.760"	54.0	2,618 fps	58,100 PSI	57.5	2,733 fps	63,900 PSI
	AR2217	.284"	2.760"	58.0	2,635 fps	56,600 PSI	62.0C	2,764 fps	63,100 PSI
	AR2225	.284"	2.760"	60.0	2,651 fps	53,000 PSI	64.0C	2,800 fps	61,200 PSI

7 x 61mm Sharp & Hart				Case: Twist: - Primer:			Barrel length: 24" Trim length: -		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
120 GR.	AR2206	-	-	-	-	-	54.5	3,250 fps	-
	AR2208	-	-	-	-	-	57.5	3,250 fps	-
	AR2209	-	-	-	-	-	64.0	3,250 fps	-
139-140 GR.	AR2206	-	-	-	-	-	53.0	3,100 fps	-
	AR2208	-	-	-	-	-	56.0	3,100 fps	-
	AR2209	-	-	-	-	-	62.5	3,100 fps	-
150 GR.	AR2206	-	-	-	-	-	52.0	3,000 fps	-
	AR2208	-	-	-	-	-	55.0	3,000 fps	-
	AR2209	-	-	-	-	-	61.5	3,000 fps	-
160-162 GR.	AR2206	-	-	-	-	-	51.0	2,800 fps	-
	AR2208	-	-	-	-	-	54.0	2,800 fps	-
	AR2209	-	-	-	-	-	60.5	2,800 fps	-
175 GR.	AR2208	-	-	-	-	-	52.0	2,700 fps	-
	AR2209	-	-	-	-	-	59.0	2,700 fps	-

RIFLE DATA

7mm Remington Magnum				Case: Winchester Twist: 1:9.5" Primer: Winchester LR			Barrel length: 24" Trim length: 2.490"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
100 GR. SIE HP	AR2208	.284"	3.150"	53.0	3,193 fps	39,600 CUP	59.0	3,487 fps	49,800 CUP
	AR2209	.284"	3.150"	65.0	3,334 fps	44,800 CUP	69.0	3,494 fps	49,600 CUP
	AR2213SC	.284"	3.150"	71.0	3,316 fps	43,300 CUP	75.0	3,499 fps	50,300 CUP
110 GR. SPR HP	AR2208	.284"	3.250"	54.0	3,174 fps	44,600 CUP	58.5	3,356 fps	50,300 CUP
	AR2209	.284"	3.250"	65.0	3,233 fps	44,700 CUP	68.5	3,357 fps	49,500 CUP
	AR2213SC	.284"	3.250"	68.0	3,213 fps	44,000 CUP	73.0	3,367 fps	49,700 CUP
115 GR. SPR HP	AR2208	.284"	3.200"	53.0	3,068 fps	44,800 CUP	56.5	3,245 fps	49,800 CUP
	AR2209	.284"	3.200"	62.0	3,089 fps	43,800 CUP	66.0	3,281 fps	50,300 CUP
	AR2213SC	.284"	3.200"	65.0	3,060 fps	44,200 CUP	69.7	3,257 fps	50,600 CUP
120 GR. HDY SP	AR2208	.284"	3.230"	53.0	3,021 fps	45,200 CUP	57.0	3,218 fps	50,900 CUP
	AR2209	.284"	3.230"	62.0	3,106 fps	44,700 CUP	65.0	3,226 fps	50,100 CUP
	AR2213SC	.284"	3.230"	65.0	3,095 fps	45,800 CUP	68.5	3,236 fps	50,600 CUP
130 GR. SPR SP	AR2208	.284"	3.185"	51.0	2,877 fps	45,700 CUP	54.0	2,998 fps	49,400 CUP
	AR2209	.284"	3.185"	58.0	2,953 fps	45,100 CUP	61.5	3,082 fps	50,800 CUP
	AR2213SC	.284"	3.185"	63.0	2,952 fps	46,300 CUP	66.0	3,051 fps	50,200 CUP
139 GR. HDY GMX	AR2209	.284"	3.290"	56.1	2,834 fps	45,300 PSI	59.7	3,007 fps	57,800 PSI
	AR2213SC	.284"	3.290"	64.5	2,878 fps	50,200 PSI	68.8	3,054 fps	58,100 PSI
	AR2217	.284"	3.290"	67.5	2,847 fps	46,300 PSI	73.0C	3,065 fps	56,000 PSI
	AR2225	.284"	3.290"	68.0	2,869 fps	45,500 PSI	74.0C	3,128 fps	58,400 PSI
140 GR. NOS PART	Trail Boss	.284"	3.250"	17.2	1,405 fps	21,400 PSI	24.5	1,724 fps	31,000 PSI
	AR2209	.284"	3.250"	56.0	2,808 fps	45,500 CUP	59.0	2,927 fps	50,000 CUP
	AR2213SC	.284"	3.250"	61.0	2,841 fps	46,300 CUP	64.0	2,950 fps	50,200 CUP
	AR2217	.284"	3.250"	67.0	2,934 fps	46,200 CUP	70.0	3,036 fps	50,600 CUP
	AR2225	.284"	3.250"	71.0	2,955 fps	46,100 CUP	75.0C	3,107 fps	49,400 CUP
150 GR. BAR TTSX BT	AR2209	.284"	3.225"	57.9	2,836 fps	50,800 PSI	62.5	3,041 fps	59,800 PSI
	AR2213SC	.284"	3.225"	62.7	2,852 fps	50,600 PSI	68.0	3,080 fps	60,200 PSI
	AR2217	.284"	3.225"	67.2	2,847 fps	49,200 PSI	73.8	3,083 fps	59,100 PSI
	AR2225	.284"	3.225"	66.9	2,895 fps	47,900 PSI	73.5C	3,115 fps	57,200 PSI
150 GR. NOS PART	AR2209	.284"	3.270"	55.0	2,781 fps	45,700 CUP	57.0	2,859 fps	50,100 CUP
	AR2213SC	.284"	3.270"	59.0	2,775 fps	45,300 CUP	62.0	2,986 fps	51,100 CUP
	AR2217	.284"	3.270"	65.0	2,835 fps	46,200 CUP	68.0	2,936 fps	49,900 CUP
	AR2225	.284"	3.270"	68.0	2,818 fps	43,300 CUP	72.5C	2,998 fps	50,300 CUP
160 GR. NOS PART	AR2209	.284"	3.290"	53.0	2,651 fps	46,400 CUP	55.5	2,745 fps	49,800 CUP
	AR2213SC	.284"	3.290"	58.0	2,695 fps	46,400 CUP	60.0	2,787 fps	49,800 CUP
	AR2217	.284"	3.290"	63.0	2,729 fps	43,300 CUP	66.0	2,839 fps	49,600 CUP
	AR2225	.284"	3.290"	65.0	2,756 fps	43,200 CUP	69.5C	2,915 fps	49,900 CUP
162 GR. HDY SPBT	AR2209	.284"	3.290"	55.0	2,677 fps	43,400 CUP	58.0	2,799 fps	49,400 CUP
	AR2213SC	.284"	3.290"	60.0	2,731 fps	43,300 CUP	64.0	2,871 fps	49,800 CUP
	AR2217	.284"	3.290"	67.0	2,800 fps	45,400 CUP	70.0	2,905 fps	49,600 CUP
	AR2225	.284"	3.290"	69.0	2,787 fps	43,900 CUP	73.5C	2,963 fps	50,500 CUP
170 GR. SIE RN	AR2209	.284"	3.270"	58.0	2,701 fps	44,600 CUP	60.0	2,767 fps	48,500 CUP
	AR2213SC	.284"	3.270"	63.0	2,749 fps	46,300 CUP	65.0	2,806 fps	48,900 CUP
	AR2217	.284"	3.270"	69.0	2,744 fps	45,600 CUP	71.0	2,806 fps	49,400 CUP
	AR2225	.284"	3.270"	71.0	2,752 fps	44,200 CUP	75.0C	2,899 fps	50,700 CUP
175 GR. NOS PART	AR2209	.284"	3.290"	51.0	2,504 fps	46,200 CUP	54.0	2,617 fps	51,400 CUP

RIFLE DATA

7mm Remington Magnum				Case: Winchester			Barrel length: 24"		
				Twist: 1:9.5"			Trim length: 2.490"		
				Primer: Winchester LR					
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
	AR2213SC	.284"	3.290"	55.0	2,532 fps	45,800 CUP	58.0	2,660 fps	50,200 CUP
	AR2217	.284"	3.290"	61.0	2,567 fps	45,000 CUP	64.5	2,692 fps	50,400 CUP
	AR2225	.284"	3.290"	64.0	2,650 fps	45,400 CUP	68.0	2,800 fps	51,200 CUP
180 GR. BER VLD	AR2209	.284"	3.290"	52.0	2,553 fps	48,000 PSI	56.0	2,752 fps	59,000 PSI
	AR2213SC	.284"	3.290"	58.6	2,652 fps	51,800 PSI	64.5	2,830 fps	60,200 PSI
	AR2217	.284"	3.290"	63.2	2,605 fps	46,000 PSI	69.5C	2,884 fps	60,000 PSI
	AR2225	.284"	3.290"	64.4	2,638 fps	46,400 PSI	70.8C	2,914 fps	59,600 PSI
7mm Weatherby Magnum				Case: Remington			Barrel length: 24"		
				Twist: 1:10"			Trim length: 2.539"		
				Primer: Federal 215M					
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
140 GR. SFT SP	Trail Boss	.284"	3.250"	18.5	1,365 fps	22,700 CUP	26.5	1,529 fps	30,500 CUP
	AR2209	.284"	3.250"	64.0	3,046 fps	43,800 CUP	68.5	3,248 fps	54,000 CUP
	AR2213SC	.284"	3.250"	69.0	3,023 fps	43,600 CUP	74.0	3,258 fps	54,000 CUP
	AR2217	.284"	3.250"	75.0	3,104 fps	42,800 CUP	79.0C	3,273 fps	49,900 CUP
150 GR. NOS PART	AR2209	.284"	3.250"	64.0	3,012 fps	45,800 CUP	68.0	3,180 fps	54,000 CUP
	AR2213SC	.284"	3.250"	68.0	2,973 fps	44,800 CUP	72.0	3,152 fps	53,500 CUP
	AR2217	.284"	3.250"	75.0	3,073 fps	45,400 CUP	79.0C	3,223 fps	52,200 CUP
160 GR. BAR TTSX	AR2209	.284"	3.250"	55.0	2,723 fps	48,500 CUP	61.5	2,960 fps	55,300 CUP
	AR2213SC	.284"	3.250"	62.0	2,759 fps	48,300 CUP	69.0C	3,001 fps	55,000 CUP
	AR2217	.284"	3.250"	68.0	2,778 fps	45,600 CUP	75.0C	3,034 fps	54,800 CUP
175 GR. HDY SP	AR2209	.284"	3.350"	60.0	2,755 fps	45,900 CUP	63.7	2,899 fps	53,600 CUP
	AR2213SC	.284"	3.350"	63.0	2,724 fps	43,500 CUP	67.5	2,895 fps	53,400 CUP
	AR2217	.284"	3.350"	70.0	2,844 fps	45,000 CUP	74.7C	3,022 fps	54,000 CUP
180 GR. BER VLD	AR2209	.284"	3.350"	55.4	2,630 fps	44,400 CUP	60.3	2,840 fps	53,900 CUP
	AR2213SC	.284"	3.350"	60.3	2,647 fps	42,800 CUP	66.3	2,877 fps	53,600 CUP
	AR2217	.284"	3.350"	66.3	2,733 fps	44,400 CUP	72.1C	2,939 fps	53,600 CUP
7mm Shooting Times Westerner				Case: Federal			Barrel length: 24"		
				Twist: 1:10"			Trim length: 2.840"		
				Primer: Federal 215					
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
120 GR. SIE SP	AR2209	.284"	3.585"	69.0	3,185 fps	45,400 CUP	73.0	3,350 fps	52,300 CUP
	AR2213SC	.284"	3.585"	75.0	3,200 fps	46,300 CUP	78.5	3,348 fps	51,900 CUP
	AR2217	.284"	3.585"	82.0	3,255 fps	45,300 CUP	86.0	3,405 fps	51,800 CUP
	AR2225	.284"	3.585"	85.0	3,330 fps	47,900 CUP	89.5C	3,519 fps	54,300 CUP
139 GR. HDY SPBT	AR2209	.284"	3.585"	69.0	3,079 fps	46,700 CUP	71.0	3,183 fps	52,300 CUP
	AR2213SC	.284"	3.585"	72.0	3,018 fps	44,400 CUP	76.5	3,181 fps	51,900 CUP
	AR2217	.284"	3.585"	81.0	3,119 fps	46,400 CUP	85.5	3,284 fps	52,300 CUP
	AR2225	.284"	3.585"	83.0	3,165 fps	47,700 CUP	88.0C	3,347 fps	54,300 CUP
145 GR. SPR SP	AR2213SC	.284"	3.565"	68.0	2,937 fps	47,800 CUP	72.0	3,063 fps	52,300 CUP
	AR2217	.284"	3.565"	74.0	3,023 fps	47,400 CUP	77.0	3,120 fps	52,100 CUP
	AR2225	.284"	3.565"	77.0	3,052 fps	48,000 CUP	81.5C	3,195 fps	53,700 CUP

RIFLE DATA

7mm Shooting Times Westerner				Case: Federal			Barrel length: 24"		
				Twist: 1:10"			Trim length: 2.840"		
				Primer: Federal 215					
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
150 GR. BAR TSX	AR2213SC	.284"	3.530"	65.0	2,842 fps	47,100 CUP	70.0	3,022 fps	53,100 CUP
	AR2217	.284"	3.530"	71.0	2,889 fps	45,000 CUP	76.0C	3,038 fps	51,600 CUP
	AR2225	.284"	3.530"	71.0	2,929 fps	46,200 CUP	77.0C	3,140 fps	53,500 CUP
	AR2218	.284"	3.530"	80.0	2,908 fps	46,600 CUP	84.0C	3,005 fps	49,500 CUP
160 GR. SFT SP	AR2213SC	.284"	3.565"	70.0	2,884 fps	45,900 CUP	74.0	3,037 fps	52,300 CUP
	AR2217	.284"	3.565"	76.0	2,930 fps	44,300 CUP	80.7	3,084 fps	51,500 CUP
	AR2225	.284"	3.565"	75.0	2,909 fps	46,700 CUP	80.2	3,056 fps	53,600 CUP
	AR2218	.284"	3.565"	88.0	2,929 fps	46,100 CUP	90.0C	2,970 fps	46,600 CUP
175 GR. NOS PART	AR2217	.284"	3.585"	70.0	2,833 fps	47,700 CUP	74.0	2,944 fps	51,900 CUP
	AR2225	.284"	3.585"	72.0	2,819 fps	48,300 CUP	77.0	2,967 fps	54,200 CUP
	AR2218	.284"	3.585"	85.0	2,851 fps	46,900 CUP	89.0C	2,973 fps	52,300 CUP
180 GR. BER VLD	AR2217	.284"	3.655"	70.0	2,771 fps	48,800 CUP	74.5	2,892 fps	53,300 CUP
	AR2225	.284"	3.655"	69.3	2,760 fps	49,700 CUP	73.8	2,876 fps	53,500 CUP
	AR2218	.284"	3.655"	80.8	2,772 fps	48,800 CUP	86.0C	2,894 fps	52,400 CUP

7mm Remington Ultra Magnum				Case: Remington			Barrel length: 24"		
				Twist: 1:9.5"			Trim length: 2.840"		
				Primer: Remington 9 1/2M					
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
100 GR. HDY HP	AR2209	.284"	3.500"	82.0	3,618 fps	55,500 PSI	87.0	3,804 fps	63,300 PSI
	AR2213SC	.284"	3.500"	90.0	3,585 fps	55,900 PSI	95.0	3,754 fps	62,800 PSI
	AR2217	.284"	3.500"	98.0	3,515 fps	52,200 PSI	104.0C	3,750 fps	62,700 PSI
110 GR. SPR TNT HP	AR2209	.284"	3.500"	82.0	3,519 fps	56,000 PSI	86.0	3,675 fps	63,200 PSI
	AR2213SC	.284"	3.500"	88.0	3,431 fps	53,500 PSI	93.5	3,652 fps	63,000 PSI
	AR2217	.284"	3.500"	96.0	3,437 fps	52,100 PSI	102.0	3,676 fps	62,600 PSI
115 GR. SPR HP	AR2209	.284"	3.450"	82.0	3,472 fps	57,600 PSI	85.5	3,592 fps	63,400 PSI
	AR2213SC	.284"	3.450"	87.0	3,364 fps	54,000 PSI	91.5	3,565 fps	62,800 PSI
	AR2217	.284"	3.450"	95.0	3,380 fps	54,500 PSI	101.0	3,589 fps	63,100 PSI
	AR2225	.284"	3.450"	98.0	3,398 fps	54,100 PSI	104.0C	3,683 fps	64,100 PSI
120 GR. NOS BT	AR2209	.284"	3.600"	81.0	3,475 fps	59,700 PSI	83.0	3,552 fps	62,900 PSI
	AR2213SC	.284"	3.600"	85.0	3,344 fps	54,600 PSI	90.0	3,536 fps	63,000 PSI
	AR2217	.284"	3.600"	94.0	3,368 fps	54,600 PSI	99.5	3,572 fps	63,100 PSI
	AR2225	.284"	3.600"	96.0	3,326 fps	52,100 PSI	102.5C	3,601 fps	62,300 PSI
130 GR. BAR XBT	AR2213SC	.284"	3.560"	83.0	3,235 fps	55,600 PSI	88.0	3,412 fps	63,100 PSI
	AR2217	.284"	3.560"	90.0	3,224 fps	53,700 PSI	95.5	3,430 fps	62,900 PSI
	AR2225	.284"	3.560"	93.0	3,223 fps	52,400 PSI	99.5C	3,514 fps	63,600 PSI
	AR2218	.284"	3.560"	102.0	3,289 fps	56,900 PSI	107.0C	3,413 fps	62,300 PSI
140 GR. BAR XBT	AR2213SC	.284"	3.560"	82.0	3,123 fps	56,200 PSI	87.0	3,279 fps	63,100 PSI
	AR2217	.284"	3.560"	90.0	3,196 fps	59,300 PSI	95.0	3,277 fps	62,700 PSI
	AR2225	.284"	3.560"	90.0	3,142 fps	55,200 PSI	96.5C	3,353 fps	62,900 PSI
	AR2218	.284"	3.560"	101.0	3,092 fps	54,200 PSI	107.0C	3,271 fps	62,400 PSI
145 GR. SPR GSSP	AR2213SC	.284"	3.580"	83.0	3,125 fps	55,400 PSI	88.0	3,302 fps	63,400 PSI
	AR2217	.284"	3.580"	91.0	3,157 fps	55,300 PSI	97.0	3,331 fps	63,300 PSI
	AR2225	.284"	3.580"	93.0	3,159 fps	52,800 PSI	99.0	3,388 fps	63,400 PSI
	AR2218	.284"	3.580"	101.0	3,100 fps	53,800 PSI	107.0C	3,319 fps	63,600 PSI

C = Compressed Load; L = Lead Projectile

RIFLE DATA

7mm Remington Ultra Magnum				Case: Remington Twist: 1:9.5" Primer: Remington 9 1/2M			Barrel length: 24" Trim length: 2.840"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
150 GR. SFT SCIR	AR2213SC	.284"	3.600"	82.0	3,146 fps	61,900 PSI	84.0	3,187 fps	63,100 PSI
	AR2217	.284"	3.600"	87.0	3,045 fps	54,400 PSI	92.0	3,230 fps	63,100 PSI
	AR2225	.284"	3.600"	89.0	3,054 fps	53,000 PSI	95.0C	3,299 fps	63,600 PSI
	AR2218	.284"	3.600"	97.0	3,048 fps	55,000 PSI	103.0C	3,222 fps	63,200 PSI
154 GR. HDY SP	AR2217	.284"	3.630"	85.0	3,051 fps	56,700 PSI	90.0	3,192 fps	63,300 PSI
	AR2225	.284"	3.630"	90.0	3,055 fps	53,400 PSI	96.2	3,289 fps	63,900 PSI
	AR2218	.284"	3.630"	94.0	2,989 fps	54,800 PSI	100.0C	3,170 fps	63,100 PSI
160 GR. NOS PART	AR2217	.284"	3.600"	85.0	3,007 fps	56,500 PSI	91.0	3,167 fps	63,500 PSI
	AR2225	.284"	3.600"	88.0	3,003 fps	53,700 PSI	94.0	3,212 fps	62,800 PSI
	AR2218	.284"	3.600"	94.0	2,985 fps	55,600 PSI	100.0	3,144 fps	63,400 PSI
162 GR. HDY SPBT	AR2217	.284"	3.650"	84.0	2,993 fps	55,600 PSI	89.0	3,127 fps	62,500 PSI
	AR2225	.284"	3.650"	89.0	3,009 fps	53,100 PSI	95.0	3,223 fps	62,700 PSI
	AR2218	.284"	3.650"	94.0	2,979 fps	56,000 PSI	100.0	3,119 fps	62,600 PSI
168 GR. SIE HPBT	AR2217	.284"	3.650"	85.0	2,988 fps	57,500 PSI	90.0	3,116 fps	63,500 PSI
	AR2225	.284"	3.650"	89.0	2,986 fps	54,400 PSI	94.0	3,171 fps	63,300 PSI
	AR2218	.284"	3.650"	94.0	2,942 fps	55,600 PSI	100.0	3,118 fps	63,400 PSI
175 GR. SFT SP	AR2217	.284"	3.600"	82.0	2,871 fps	56,700 PSI	87.0	3,021 fps	63,500 PSI
	AR2225	.284"	3.600"	86.0	2,919 fps	57,300 PSI	91.5	3,069 fps	63,400 PSI
	AR2218	.284"	3.600"	91.0	2,888 fps	57,000 PSI	96.0	3,019 fps	63,100 PSI

7.35mm Carcano (1938)				Case: Twist: - Primer:			Barrel length: 21" Trim length: -		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
128 GR.	AR2207	-	-	-	-	-	33.0	2,500 fps	-
	AR2206	-	-	-	-	-	37.0	2,500 fps	-
	AR2208	-	-	-	-	-	41.0	2,500 fps	-
150 GR.	AR2206	-	-	-	-	-	35.0	2,450 fps	-
	AR2208	-	-	-	-	-	39.0	2,450 fps	-

30 Carbine (30 M1 Carbine)				Case: Winchester Twist: 1:20" Primer: CCI 400			Barrel length: 20" Trim length: 1.285"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
85 GR. SIE RN	AR2205	.308"	1.625"	14.5	2,054 fps	25,200 CUP	15.5C	2,181 fps	30,700 CUP
100 GR. SPR SP	AR2205	.308"	1.625"	13.0	1,879 fps	28,900 CUP	14.5C	2,026 fps	33,600 CUP
110 GR. HDY JRN	AR2205	.308"	1.680"	13.0	1,826 fps	30,100 CUP	14.5C	2,003 fps	38,800 CUP

RIFLE DATA

300 AAC Blackout				Case: Remington Twist: 1:8" Primer: Remington 7 1/2			Barrel length: 16" Trim length: 1.363"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
110 GR. HDY V-MAX	Trail Boss	.308"	2.040"	4.5	880 fps	21,900 CUP	6.3	1,046 fps	20,200 CUP
	AR2205	.308"	2.040"	17.6	1,942 fps	36,500 CUP	19.5C	2,130 fps	46,700 CUP
115 GR. BER TGT FB	Trail Boss	.308"	2.050"	4.5	894 fps	23,200 CUP	6.3	1,044 fps	19,900 CUP
	AR2205	.308"	2.050"	17.6	1,934 fps	36,800 CUP	19.5C	2,110 fps	47,000 CUP
125 GR. NOS BT	AR2205	.308"	2.060"	16.5	1,818 fps	38,000 CUP	17.7C	1,965 fps	49,800 CUP
130 GR. SPR HP	AR2205	.308"	2.005"	18.0	1,902 fps	41,900 CUP	19.2	2,008 fps	47,600 CUP
135 GR. SIE HPBT	AR2205	.308"	2.120"	17.1	1,818 fps	39,700 CUP	18.2	1,960 fps	47,600 CUP
175 GR. SIE HPBT	AR2205	.308"	2.215"	15.7	1,639 fps	41,400 CUP	16.7	1,709 fps	48,200 CUP
180 GR. SPR SP	AR2205	.308"	2.210"	15.0	1,497 fps	34,900 CUP	16.4	1,662 fps	47,700 CUP
	AR2207	.308"	2.210"	15.9	1,464 fps	23,500 CUP	16.9C	1,578 fps	29,200 CUP
208 GR. HDY A-MAX	AR2205	.308"	2.260"	-	-	-	10.3	1,073 fps	24,500 CUP
	AR2207	.308"	2.260"	-	-	-	11.2	1,042 fps	18,800 CUP
220 GR. SIE HPBT	AR2205	.308"	2.260"	-	-	-	10.5	1,044 fps	28,800 CUP
	AR2207	.308"	2.260"	-	-	-	11.5	1,068 fps	25,600 CUP
230 GR. BER TACT	AR2205	.308"	2.260"	-	-	-	10.2	1,065 fps	37,100 CUP

30-30 Winchester				Case: Winchester Twist: 1:12" Primer: Winchester LR			Barrel length: 24" Trim length: 2.030"		
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NOTE: See Single Action Rifle section for more loads with lead bullets.

				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
110 GR. SPR FP	AR2207	.308"	2.415"	23.0	2,174 fps	27,100 CUP	25.5	2,409 fps	35,900 CUP
	Bench Mark 2	.308"	2.415"	30.5	2,406 fps	36,400 CUP	32.5	2,507 fps	37,800 CUP
	AR2206H	.308"	2.415"	34.0	2,417 fps	28,600 CUP	37.0	2,605 fps	31,100 CUP
	AR2208	.308"	2.415"	34.5	2,365 fps	27,200 CUP	38.0C	2,572 fps	31,900 CUP
130 GR. SPR FP	AR2207	.308"	2.540"	22.5	2,082 fps	29,200 CUP	24.5	2,234 fps	36,400 CUP
	Bench Mark 2	.308"	2.540"	27.7	2,165 fps	33,700 CUP	29.7	2,295 fps	37,100 CUP
	AR2206H	.308"	2.540"	31.5	2,248 fps	27,600 CUP	35.0	2,482 fps	35,300 CUP
	AR2208	.308"	2.540"	32.5	2,312 fps	30,200 CUP	36.0C	2,496 fps	35,700 CUP
140 GR. HDY MFTX	Bench Mark 2	.308"	2.550"	24.0	1,839 fps	26,400 PSI	28.0	2,160 fps	38,800 PSI
	AR2206H	.308"	2.550"	26.0	2,077 fps	36,800 PSI	29.7	2,273 fps	40,300 PSI
	AR2208	.308"	2.550"	27.0	1,986 fps	31,600 PSI	30.5C	2,225 fps	39,900 PSI
150 GR. SIE FN	AR2207	.308"	2.550"	21.6	1,924 fps	26,900 CUP	24.0	2,110 fps	36,800 CUP
	Bench Mark 2	.308"	2.550"	27.0	2,042 fps	32,100 CUP	29.0	2,183 fps	37,200 CUP
	Bench Mark 8208	.308"	2.550"	30.0	2,213 fps	35,000 CUP	32.0	2,316 fps	36,700 CUP
	AR2206H	.308"	2.550"	30.5	2,138 fps	27,900 CUP	34.0	2,390 fps	36,700 CUP
	AR2208	.308"	2.550"	31.0	2,172 fps	31,100 CUP	34.5	2,349 fps	36,200 CUP
160 GR. HDY FTX	Bench Mark 2	.308"	2.550"	26.1	1,933 fps	31,000 CUP	27.8	2,045 fps	35,400 CUP
	Bench Mark 8208	.308"	2.550"	27.0	2,045 fps	33,900 CUP	30.0	2,207 fps	37,000 CUP
	AR2206H	.308"	2.550"	27.8	2,045 fps	31,100 CUP	30.0	2,200 fps	35,500 CUP
	AR2208	.308"	2.550"	29.8	2,081 fps	31,700 CUP	32.4	2,235 fps	35,900 CUP
170 GR. SIE FP	AR2207	.308"	2.550"	20.5	1,764 fps	27,300 CUP	22.5	1,918 fps	32,600 CUP
	Bench Mark 2	.308"	2.550"	25.3	1,894 fps	32,200 CUP	27.0	2,001 fps	36,100 CUP
	Bench Mark 8208	.308"	2.550"	27.8	2,052 fps	36,400 CUP	30.9	2,181 fps	37,500 CUP

RIFLE DATA

30-30 Winchester				Case: Winchester Twist: 1:12" Primer: Winchester LR			Barrel length: 24" Trim length: 2.030"		
NOTE: See Single Action Rifle section for more loads with lead bullets.									
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
	AR2206H	.308"	2.550"	27.5	1,947 fps	28,200 CUP	30.5	2,138 fps	35,200 CUP
	AR2208	.308"	2.550"	29.5	1,976 fps	30,200 CUP	33.0	2,168 fps	36,500 CUP
30 AR Remington				Case: Remington Twist: 1:10" Primer: Remington 7 1/2			Barrel length: 24" Trim length: 1.520"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
110 GR. HDY V-MAX	AR2207	.308"	2.240"	32.0	2,794 fps	37,700 PSI	35.5C	3,076 fps	50,800 PSI
115 GR. BER TGT FB	AR2207	.308"	2.240"	32.0	2,717 fps	35,900 PSI	36.0	3,035 fps	50,900 PSI
	AR2219	.308"	2.240"	37.0	2,798 fps	39,100 PSI	40.0C	3,016 fps	50,200 PSI
125 GR. NOS BT	AR2219	.308"	2.240"	34.5	2,635 fps	38,900 PSI	38.2C	2,903 fps	53,500 PSI
	Bench Mark 2	.308"	2.240"	37.0	2,740 fps	47,000 PSI	40.0C	2,931 fps	51,400 PSI
	Bench Mark 8208	.308"	2.240"	37.0	2,676 fps	37,600 PSI	40.0C	2,875 fps	46,400 PSI
130 GR. BAR TTSX BT	AR2219	.308"	2.230"	34.0	2,557 fps	38,600 PSI	37.5C	2,818 fps	52,800 PSI
	Bench Mark 2	.308"	2.230"	36.0	2,622 fps	39,400 PSI	39.2C	2,866 fps	52,900 PSI
	Bench Mark 8208	.308"	2.230"	36.0	2,561 fps	36,500 PSI	39.0C	2,826 fps	48,600 PSI
135 GR. SIE HPBT	AR2219	.308"	2.250"	34.0	2,526 fps	36,900 PSI	37.7C	2,814 fps	52,700 PSI
	Bench Mark 2	.308"	2.250"	36.0	2,605 fps	38,800 PSI	39.5C	2,859 fps	51,800 PSI
	Bench Mark 8208	.308"	2.250"	36.0	2,557 fps	34,600 PSI	39.0C	2,790 fps	46,700 PSI
150 GR. NOS BT	AR2219	.308"	2.250"	32.5	2,393 fps	38,900 PSI	35.5C	2,614 fps	51,700 PSI
	Bench Mark 2	.308"	2.250"	34.5	2,485 fps	41,300 PSI	37.5C	2,675 fps	52,100 PSI
	Bench Mark 8208	.308"	2.250"	34.0	2,385 fps	34,700 PSI	38.0C	2,692 fps	51,200 PSI
	AR2206H	.308"	2.250"	34.0	2,355 fps	35,200 PSI	38.0C	2,647 fps	51,000 PSI
160 GR. HDY FTX ME	AR2219	.308"	2.200"	31.0	2,260 fps	36,600 PSI	34.3C	2,515 fps	51,100 PSI
	Bench Mark 2	.308"	2.200"	33.0	2,353 fps	38,500 PSI	36.0C	2,566 fps	50,900 PSI
	Bench Mark 8208	.308"	2.200"	33.0	2,315 fps	35,600 PSI	36.0C	2,535 fps	47,300 PSI
30-40 Krag				Case: Winchester Twist: 1:10" Primer: CCI 200			Barrel length: 24" Trim length: 2.304"		
				Start loads			Maximum loads		
Bullet	Powder	Bullet Diam.	C.O.L.	Grs.	Velocity	Pressure	Grs.	Velocity	Pressure
100 GR. HDY SP	AR2205	.308"	2.880"	13.0	1,433 fps	-	16.0	1,706 fps	-
	AR2207	.308"	2.880"	30.0	2,604 fps	-	34.0	2,886 fps	-
	AR2219	.308"	2.880"	39.0	2,542 fps	-	43.0	2,898 fps	-
	AR2206H	.308"	2.880"	42.0	2,707 fps	-	44.0	2,835 fps	-
	AR2209	.308"	2.880"	48.0	2,300 fps	-	51.0	2,492 fps	-
110 GR. SIE HP	AR2207	.308"	2.875"	30.0	2,417 fps	-	34.0	2,807 fps	-
	AR2219	.308"	2.875"	39.0	2,497 fps	-	43.0	2,841 fps	-
130 GR. SPR HP	AR2207	.308"	2.865"	29.0	2,224 fps	-	33.0	2,565 fps	-
	AR2219	.308"	2.865"	38.0	2,458 fps	-	42.0	2,698 fps	-
	AR2209	.308"	2.865"	48.0	2,330 fps	-	51.0	2,535 fps	-
150 GR. NOS PART	AR2207	.308"	3.090"	28.0	2,220 fps	-	32.0	2,366 fps	-