200 GRAIN BULLETS:

SECTIONAL DENSITY: .155
DIAMETER: .430"

#44100 HP/XTP

Ballistic Coefficient — .170
C.O.L. — 1.590"

	VELOCITY				
POWDER	1700 fps	1800 fps	1900 fps	2000 fps	2100 fps
2400	21.5 gr.	22.8 gr.	24.2 gr.		
H110			24.6 gr.	26.3 gr.	28.0 gr.
WIN 296		25.2 gr.	26.8 gr.	28.5 gr.	
IMR 4227	24.3 gr.	25.8 gr.	27.4 gr.		

See Ballistics Tables on pages 342-345, 425-426, Vol. II

240 GRAIN BULLETS:

SECTIONAL DENSITY: .186
DIAMETER: .430"

#44200 HP/XTP

Ballistic Coefficient — .205
C.O.L. — 1.610"

	VELOCITY				
POWDER	1500 fps	1600 fps	1700 fps	1800 fps	1900 fps
2400	18.5 gr.	20.0 gr.	21.5 gr.	23.0 gr.	
H110		20.5 gr.	22.0 gr.	23.5 gr.	25.0 gr.
WIN 296	20.3 gr.	21.8 gr.	23.3 gr.	24.7 gr.	
IMR 4227	21.6 gr.	23.1 gr.	24.5 gr.		

See Ballistics Tables on pages 346-349, 426-427, Vol. II

265 GRAIN BULLETS:

SECTIONAL DENSITY: .205
DIAMETER: .430"

#4300 FP

Ballistic Coefficient — .189
C.O.L. — 1.650"

	VELOCITY				
POWDER	1300 fps	1400 fps	1500 fps	1600 fps	1700 fps
2400	16.2 gr.	17.6 gr.	19.0 gr.	20.4 gr.	
H110		18.3 gr.	19.6 gr.	20.9 gr.	22.2 gr.
WIN 296	17.7 gr.	19.1 gr.	20.6 gr.	22.0 gr.	
IMR 4227	18.9 gr.	20.3 gr.	21.8 gr.	23.3 gr.	

See Ballistics Tables on pages 207-208, Vol. II

300 GRAIN BULLETS:

SECTIONAL DENSITY: .232
DIAMETER: .430"

#44280 HP/XTP

Ballistic Coefficient — .180
C.O.L. — 1.600"

	VELOCITY				
POWDER	1200	1300 fps	1400 fps	1500 fps	1550 fps
AA #9		14.6 gr.	15.9 gr.	17.2 gr.	17.9 gr.
2400	15.3 gr.	16.4 gr.	17.5 gr.		
H110	16.1 gr.	17.5 gr.	18.8 gr.	20.1 gr.	
WIN 296	16.6 gr.	17.9 gr.	19.2 gr.	20.4 gr.	

See Ballistics Tables on pages 352-353, 428-429, Vol. II

Handloading Precautions

1. **Understand what you are doing and why.** Read handbooks and manuals on reloading. Talk to experienced reloaders. Write or call suppliers of components if you have questions or are in doubt.
2. Stay *alert* when reloading. **Do not reload when distracted.**
3. Establish a loading procedure and follow it. **Do not vary your sequence of operations.**
4. **Examine empty cases** (shotshell or metallic) to be sure they are in good condition before reloading. Never force live cartridges into or out of the chamber of a gun.
5. **Do not use cases that are designed for primer-propelled practice cartridges;** such cases may not be designed for full power loads.
6. **Do not *ream* out or *enlarge* flash holes of metallic cartridge cases.** This may change the ignition rate and result in dangerous pressures.
7. **Do not punch out live primers.** Fire the empty primed shells in a gun.
8. **Do not mix primers.** Primers differ in brisance of ignition, which affects pressure and velocity. Use only the primer listed.
9. **The shotshell loading data in the *Reloaders' Guide* are for LEAD SHOT *only. Do not use steel shot.***
10. One-piece plastic wads for shotshells vary in compressibility and gas-sealing effectiveness. Use only the wad listed.
11. If you "throw," or measure powder charges by volume, check-weigh the charge frequently. **Do not *mix* powders.**
12. **Do not use powders near a flame, spark-producing machinery, or heating device.** Do not expose powders to temperatures above 100°F.
13. Keep out of reach of children.
14. **Do not smoke while reloading.**

Conversion to Metric Units

The English system data in this booklet can be converted to their metric equivalents by multiplying by the appropriate factor listed below. (Example: 17 grains of Red Dot × 0.06480 = 1.10 grams of Red Dot.)

Item	Our Unit	Multiply by	For Metric Equivalent
Packaging	lb (pound)	0.4536	Kilogram
Shot weight	oz (ounce)	28.35	Gram
Bullet weight	gr (grain)	0.06480	Gram
Bullet seating	in.(inch)	25.40	Millimeter
Powder charge	gr (grain)	0.06480	Gram
Velocity	fps (feet per second)	0.3048	Meter per second
Pressure	psi (pounds per square inch)	0.07032	Kilogram per square centimeter

SILHOUETTE LOADS

Cartridge / Bullet	Primer	Min. OAL, inches	Blue Dot c.w. gr.	Blue Dot Vel. fps	Blue Dot c.u.p.	Hercules 2400 c.w. gr.	Hercules 2400 Vel. fps	Hercules 2400 c.u.p.	Reloder 7 c.w. gr.	Reloder 7 Vel. fps	Reloder 7 c.u.p.
.222 Remington (Rem. case)											
50 gr. Sierra Spitzer	Win., SR #6½-116	**2.040**							19.5	2,710	40,300
53 gr. Sierra BRHP		**2.040**							18.5	2,570	40,700
55 gr. Sierra Spitzer		**2.040**							18.7	2,570	41,500
60 gr. Hornady Spire Pt.		**2.040**							18.0	2,750	39,200
70 gr. Hornady Spire Pt.		**2.040**							14.0	2,250	39,700
223 Remington (Rem. case)											
55 gr. Sierra Spitzer	Fed., 205 M	**2.250**				**15.9**	**2,430**	**48,500**	22.1	2,670	48,900
60 gr. Hornady Spire Pt.		**2.250**				**15.4**	**2,320**	**48,500**	21.4	2,550	49,500
70 gr. Hornady Spire Pt.		**2.250**				**13.0**	**1,965**	**48,600**	17.0	2,180	48,800
7mm BR Rem. (Rem. case)											
120 gr. Sierra Spitzer	Rem., 7½ BR	**2.300**				**20.2**	**2,160**	**47,100**	27.8	2,425	47,400
145 gr. Speer Spitzer		**2.300**				**17.7**	**1,800**	**47,200**	24.8	2,130	47,800
7mm/08 (Rem. Case)											
120 gr. Sierra Spitzer	Fed., 210 BR	**2.750**				**27.5**	**2,310**	**48,100**	37.2	2,560	48,900
145 gr. Speer Spitzer		**2.750**				**23.5**	**1,970**	**48,300**	33.0	2,250	48,300
.30-.30 Winchester (Fed. case)											
152 gr. Cast Lead	Fed., LR #210	**2.500**	13.0	1,525	29,000	**16.0**	**1,650**	**33,300**	25.0	1,950	34,900
170 gr. Rem. SPCL		**2.500**				**16.0**	**1,500**	**34,700**	23.5	1,800	34,900
.35 Remington (Rem. case)											
158 gr. Hornady L	Fed., LR #210	**2.400**	15.5	1,574	25,200	**21.0**	**1,715**	**25,300**	28.5	1,875	26,600
170 gr. Sierra FMJ		**2.400**	13.0	1,300	22,400	**17.0**	**1,450**	**23,400**			
200 gr. Rem. SPCL		**2.510**				**22.0**	**1,650**	**31,700**	30.0	1,825	31,700
.357 Magnum (Win. case)											
158 gr. Rem. SP	Fed., 200	**1.580**	12.0	1,600	42,900	**14.6**	**1,640**	**42,300**			
170 gr. Sierra FMJ		**1.580**	10.7	1,445	41,700	**13.2**	**1,450**	**43,000**			
180 gr. Speer FMJ		**1.580**	9.6	1,265	42,300	**11.8**	**1,320**	**42,900**			
180 gr. Sierra FPJ		**1.580**	9.2	1,250	42,400	**12.1**	**1,350**	**41,700**			
.357 Maximum (Rem. case)											
158 gr. Hornady HP	Rem., 7½ BR	**1.975**				**18.0**	**1,790**	**40,400**	26.0	1,845	33,600
160 gr. Speer SP		**1.975**	15.3	1,760	40,700	**17.4**	**1,775**	**41,200**	26.0	1,830	32,700
170 gr. Sierra FMJ		**1.975**	14.5	1,675	41,300	**16.5**	**1,670**	**40,500**	25.5	1,840	40,100
180 gr. Sierra FPJ		**1.975**	14.9	1,610	39,400	**16.8**	**1,590**	**39,000**	25.0	1,760	39,700
.44 Rem. Magnum (Rem. case)											
180 gr. Sierra HC	Fed., 150	**1.590**	18.8	1,875	37,900	**23.0**	**1,910**	**37,800**			
240 gr. Speer FMJ		**1.590**	15.5	1,550	37,600	**18.8**	**1,560**	**36,800**			
250 gr. Sierra FPJ		**1.590**	15.0	1,525	36,800	**19.0**	**1,600**	**37,800**			
265 gr. Hornady FP		**1.590**	14.1	1,420	36,300	**17.4**	**1,460**	**37,400**			

Test barrels were 14 inches long, except .357 Maximum was 12½ inches.

See *Notes* and *Key* on pages 39 and 40.