One Book / One Caliber

The Complete Reloading Manual for the .357 Magnum

Containing Unabridged Information from U.S. Bullet and Powder Makers

*Accurate * Alliant * Hodgdon * Hornady*
*IMR * Lyman * Nosler * RCBS * Scot*
*Sierra * Speer * Winchester and Others*

2,148 Proven & Tested Loads
82 Various Bullet Designs
55 Different Powders

RELOADING SAFETY RULES

Reloading is an enjoyable and rewarding hobby that is easily conducted with safety. But, like many other human endeavors, carelessness or negligence can make reloading hazardous.

The essence of reloading safety is proper handling and storage of primers and powder. By observing the following rules, the chance of hazardous occurrence becomes extremely remote.

Store powder and primers beyond the reach of children and away from heat and open flames. Do not smoke when reloading.

Keep no more powder that needed in an open container. Immediately return unused powder to its original factory container.

Don't use any powder unless its identity is positively known. Scrap all mixed powders and those of uncertain or unknown identity.

Do not store primers in bulk. To do so is to create a bomb! Bulk primers will mass detonate. Do not use primers when their identity is lost. Safely dispose of unknown types of primers.

Courtesy of Speer Reloading Manual No. 11

All loading data contained in this book is the result of testing by the various bullet and powder manufacturers. Under carefully controlled conditions and with the components and test equipment specified, this data proved safe in their tests. Since none of the companies, nor the publisher, listed herein has control over the components and equipment which may be used with this published information, no responsibility is implied or assumed for results obtained through its use.

Courtesy of Hornady Manufacturing Company, Inc.

Sierra Bullets cannot and does not accept any liability, either expressed or implied, for results of damage or injury arising from or alleged to have arisen from the use of the data in this manual.

Courtesy of Sierra Bullets

Follow loading recommendations exactly. Don't substitute components for those listed. Start loading with the minimum powder charges. Understand what you are doing and why it must be done in a specific way. Stay alert when reloading. Don't reload when distracted, disturbed or tired.

Courtesy of Nosler Bullets, Inc.

The Complete Reloading Manual for the .357 Magnum

The publisher is deeply indebted to the following companies for their permission to reprint their proprietary reloading information in this manual.

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DISCLAIMER

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DISCLAIMER

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SHOOTER'S LOG

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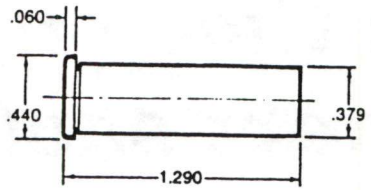


357 MAGNUM

HANDGUN: . . . . . Colt Python
BARREL: . . . . . 8", 1 in 16" Twist
CASE: . . . . . Frontier
PRIMER: . . . Winchester WSPM

BULLET DIAMETER: . . . . 0.357"
MAXIMUM C.O.L.: . . . . . 1.590"
MAX. CASE LENGTH: . . . 1.290"
CASE TRIM LENGTH: . . . 1.280"

The 357 Magnum was introduced in 1935 by Smith & Wesson with the intention of improving on the 38 Special round for hunting and law enforcement. The 357 case is approximately 0.12" longer than the 38 Special, a very original design feature at the time to prevent the higher pressure loads of the 357 Magnum from being used in the 38 Special (though not conversely). The 357 Magnum can deliver as much as three times the energy of the 38 Special. This magnum round started the great handgun magnum sweepstakes that continue to this day, though it retained its status as the world's most powerful handgun cartridge for 20 years until the advent of the 44 Magnum. It remains a superb law enforcement cartridge and is sufficient for hunting small game up to deer at moderate ranges.

Lead bullets make good small game and target rounds. Velocities, however, should not exceed 1100 fps, as undesirable leading of the barrel can occur in just a few rounds. Also, no loads are listed for the 148 grain wadcutter bullets since they are primarily target bullets and should not be fired at velocities exceeding 900 fps. When reloading 148 grain wadcutters, use 38 Special data.

Many powders produced excellent results with the Hornady jacketed bullets. These powders include Blue Dot, AA No. 9, H110, HS-7, and 296. Unique provided the best performance with the lead bullets. N-110 provides near maximum performance with less flash and blast than other powders.

110 GRAIN BULLETS

SECTIONAL DENSITY: 0.123
DIAMETER: 0.357"

#35700 HP-XTP

B.C.: 0.131 C.O.L.: 1.590"

	VELOCITY (FPS–feet per second)					
POWDER	1300	1350	1400	1450	1500	1550
POWER PIST	8.5 gr.	8.9 gr.	9.2 gr.	9.6 gr.	10.0 gr.	**10.4 gr.**
HS-7	10.5 gr.	10.8 gr.	11.1 gr.	**11.5 gr.**		
VIHT N-105	10.7 gr.	11.0 gr.	11.4 gr.	11.7 gr.	12.0 gr.	**12.3 gr.**
AA No. 7	11.0 gr.	11.5 gr.	11.9 gr.	**12.4 gr.**		
AA No. 9	12.6 gr.	13.3 gr.	14.0 gr.	**14.8 gr.**		
VIHT N-110	14.7 gr.	15.5 gr.	16.4 gr.	**17.3 gr.**		
2400	15.0 gr.	15.9 gr.	16.9 gr.	17.9 gr.	**18.8 gr.**	

125 GRAIN BULLETS

SECTIONAL DENSITY: 0.140
DIAMETER: 0.357"

#35710 HP-XTP

B.C.: 0.151 C.O.L.: 1.590"

#35730 FP-XTP

B.C.: 0.148 C.O.L.: 1.590"

	VELOCITY (FPS–feet per second)					
POWDER	1250	1300	1350	1400	1450	1500
HS-7	9.6 gr.	10.0 gr.	10.4 gr.	**10.8 gr.**		
VIHT N-105	10.0 gr.	10.2 gr.	10.5 gr.	**10.7 gr.**		
AA No. 7	10.5 gr.	10.8 gr.	11.2 gr.	**11.5 gr.**		
AA No. 9	11.9 gr.	12.8 gr.	13.6 gr.	**14.5 gr.**		
VIHT N-110	13.3 gr.	13.9 gr.	14.5 gr.	15.0 gr.	15.6 gr.	**16.1 gr.**
2400	13.9 gr.	14.9 gr.	15.9 gr.	**16.9 gr.**		
IMR 4227	14.8 gr.	15.8 gr.	16.9 gr.	**17.9 gr.**		
H 4227	15.0 gr.	16.2 gr.	17.5 gr.	**18.7 gr.**		
WIN 296	16.9 gr.	17.6 gr.	18.2 gr.	18.9 gr.	19.6 gr.	**20.3 gr.**
H 110	17.4 gr.	17.9 gr.	18.4 gr.	18.9 gr.	19.4 gr.	**19.9 gr.**

xxx *indicates maximum load • use with caution*

140 GRAIN BULLETS

SECTIONAL DENSITY: 0.157
DIAMETER: 0.357"

#35740 HP-XTP

B.C.: 0.169 C.O.L.: 1.590"

	VELOCITY (FPS–feet per second)					
POWDER	1150	1200	1250	1300	1350	1400
AA No. 7	10.3 gr.	10.7 gr.	**11.1 gr.**			
AA No. 9	11.2 gr.	11.6 gr.	12.0 gr.	12.5 gr.	**12.9 gr.**	
2400	11.9 gr.	12.8 gr.	13.7 gr.	14.6 gr.	**15.5 gr.**	
VIHT N-110	12.7 gr.	13.2 gr.	13.7 gr.	14.2 gr.	**14.8 gr.**	
H 4227	14.3 gr.	15.3 gr.	**16.3 gr.**			
IMR 4227	15.3 gr.	**16.1 gr.**				
H 110	15.7 gr.	16.2 gr.	16.8 gr.	17.3 gr.	17.9 gr.	**18.4 gr.**
WIN 296	15.8 gr.	16.4 gr.	17.0 gr.	17.6 gr.	**18.2 gr.**	
VIHT N-120	16.5 gr.	17.0 gr.	17.5 gr.	17.9 gr.	**18.4 gr.**	

■ *indicates maximum load • use with caution*

158-160 GRAIN BULLETS

SECTIONAL DENSITY: 0.177-0.179
DIAMETER: 0.357"

#35780 FP-XTP
B.C.: 0.199 C.O.L.: 1.590"

#35750 HP-XTP
B.C.: 0.206 C.O.L.: 1.590"

#3572 CL-SIL
B.C.: 0.181 C.O.L.: 1.590"

	VELOCITY (FPS–feet per second)					
POWDER	1000	1050	1100	1150	1200	1250
AA No. 9	9.7 gr.	10.1 gr.	10.6 gr.	11.0 gr.	**11.5 gr.**	
VIHT N-110	11.4 gr.	11.8 gr.	12.3 gr.	12.7 gr.	**13.1 gr.**	
2400	10.5 gr.	11.4 gr.	12.4 gr.	13.3 gr.	**14.3 gr.**	
H 4227	11.9 gr.	12.7 gr.	13.5 gr.	14.3 gr.	**15.1 gr.**	
IMR 4227	12.4 gr.	13.1 gr.	13.8 gr.	**14.5 gr.**		
WIN 296	12.4 gr.	13.1 gr.	13.8 gr.	14.5 gr.	15.2 gr.	**16.0 gr.**
H 110	12.7 gr.	13.3 gr.	13.9 gr.	14.4 gr.	15.0 gr.	**15.6 gr.**
VIHT N-120	14.2 gr.	14.9 gr.	15.6 gr.	**16.4 gr.**		

■ *indicates maximum load • use with caution*

.357 MAGNUM - HORNADY BULLETS

180 GRAIN BULLETS

SECTIONAL DENSITY: 0.202
DIAMETER: 0.357"

#35771 HP-XTP
B.C.: 0.230 C.O.L.: 1.590"

#3577 CL-SIL
B.C.: 0.232 C.O.L.: 1.590"

	VELOCITY (FPS–feet per second)					
POWDER	900	950	1000	1050	1100	1150
AA No. 9	9.3 gr.	9.7 gr.	10.1 gr.	**10.5 gr.**		
VIHT N-110	10.5 gr.	10.8 gr.	11.1 gr.	11.4 gr.	**11.8 gr.**	
2400	10.3 gr.	10.7 gr.	11.2 gr.	11.7 gr.	12.1 gr.	**12.6 gr.**
H 4227	11.4 gr.	11.9 gr.	12.3 gr.	**12.8 gr.**		
WIN 296	11.1 gr.	11.8 gr.	12.4 gr.	13.1 gr.	**13.7 gr.**	
H 110	11.3 gr.	11.9 gr.	12.5 gr.	**13.1 gr.**		
IMR 4227	11.9 gr.	12.3 gr.	**12.8 gr.**			
VIHT N-120	12.9 gr.	13.4 gr.	13.8 gr.	**14.3 gr.**		

140 GRAIN BULLETS

SECTIONAL DENSITY: 0.157
DIAMETER: 0.127"

#10078 FP-Cowboy
B.C.: 0.127 C.O.L.: 1.450"

	VELOCITY (FPS–feet per second)					
POWDER	750	800	850	900	950	1000
Hod Clays	2.3 gr.	2.9 gr.	3.5 gr.	**4.2 gr.**		
NITRO 100	2.4 gr.	3.1 gr.	3.9 gr.	**4.6 gr.**		
TITEGROUP	3.1 gr.	3.5 gr.	4.0 gr.	**4.4 gr.**		
AMER SELECT	3.4 gr.	3.7 gr.	4.1 gr.	**4.4 gr.**		
Unique	3.7 gr.	4.0 gr.	4.3 gr.	4.6 gr.	4.9 gr.	**5.2 gr.**

indicates maximum load • use with caution

158 GRAIN BULLETS

SECTIONAL DENSITY: 0.176
DIAMETER: 0.358"

#10408 SWC
B.C.: 0.135 C.O.L.: 1.590"

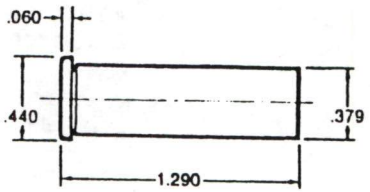
#10508 RN
B.C.: 0.159 C.O.L.: 1.590"

#10428 SWC-HP
B.C.: 0.139 C.O.L.: 1.590"

	VELOCITY (FPS–feet per second)					
POWDER	**700**	**750**	**800**	**850**	**900**	**950**
Hod Clays	2.5 gr.	2.9 gr.	3.3 gr.	3.6 gr.	4.0 gr.	**4.4 gr.**
TITEGROUP	2.9 gr.	3.2 gr.	3.5 gr.	3.8 gr.	**4.1 gr.**	
NITRO 100	2.9 gr.	3.3 gr.	3.7 gr.	4.2 gr.	**4.6 gr.**	
AMER SELECT	3.2 gr.	3.5 gr.	3.9 gr.	**4.2 gr.**		
Unique	3.3 gr.	3.6 gr.	4.0 gr.	4.3 gr.	4.7 gr.	**5.0 gr.**
VIHT N-340	3.9 gr.	4.2 gr.	4.5 gr.	4.9 gr.	5.2 gr.	**5.5 gr.**
AA No. 5	5.5 gr.	5.9 gr.	6.2 gr.	6.6 gr.	7.0 gr.	**7.3 gr.**

indicates maximum load • use with caution

(RIFLE DATA)



357 MAGNUM

RIFLE: .....Rossi Model 92
BARREL: .... 16", 1 in 16" Twist
CASE: ..... Hornady/Frontier
PRIMER: ..... Winchester WSP

BULLET DIAMETER: .... 0.357"
MAXIMUM C.O.L.: ..... 1.590"
MAX. CASE LENGTH: ... 1.290"
CASE TRIM LENGTH: ... 1.280"

There's a certain appeal to the idea of reloading one cartridge for both rifle and pistol. A good many shooters have purchased a pair of Ruger 44 Magnums, the Super Blackhawk pistol and the Ruger Carbine, to simplify their reloading. Marlin, Browning and several other manufacturers have met this demand for 357 Magnum rifles and are producing lever-actions, pumps, and single shots for this "pistol cartridge."

The logic that developed a following for the "dual chambering strategy" is disdained by many others. Why, some have wondered, buy two firearms of the same chambering and thereby compromise the true shooting requirements a reloader may have? Why not simply go for two different cartridges in two different firearms for two entirely different types of shooting? Why settle for being effective with one gun and only marginally effective with its counterpart? But wait; there are some real advantages of 357 Magnum chambered rifles.

When chambering in a rifle, such as the lever-action Winchester Model 1892 we used in our tests, the 357 Magnum cartridge can produce enough energy to be marginally effective on light game out to 100 yards or so. The longer barrel of the rifle permits muzzle velocities up to 600 fps faster than those possible with 357 Magnum handguns. The muzzle energy difference between top rifle and pistol loads is an even more impressive 567 ft.-lbs. With the Hornady 38 caliber (.357" diameter) 158 grain Hollow Point.

.357 MAGNUM - HORNADY BULLETS

(RIFLE DATA)

125 GRAIN BULLETS

SECTIONAL DENSITY: 0.140
DIAMETER: 0.357"

#35710 HP/XTP
B.C.: 0.151 C.O.L.: 1.590"

#35730 FP/XTP
B.C.: 0.148 C.O.L.: 1.590"

	VELOCITY (FPS–feet per second)					
POWDER	1500	1600	1700	1800	1900	2000
VIHT N105	9.5 gr.	10.1 gr.	**10.8 gr.**			
H 110	10.4 gr.	12.2 gr.	14.0 gr.	15.8 gr.	17.6 gr.	**19.4 gr.**
2400	11.2 gr.	12.6 gr.	14.1 gr.	15.5 gr.		
WIN 296	11.8 gr.	13.4 gr.	15.0 gr.	16.7 gr.	18.3 gr.	**20.0 gr.**

140 GRAIN BULLETS

SECTIONAL DENSITY: 0.157
DIAMETER: 0.357"

#35740 HP/XTP
B.C.: 0.169 C.O.L.: 1.590"

	VELOCITY (FPS–feet per second)					
POWDER	1400	1500	1600	1700	1800	1900
VIHT N-110	11.4 gr.	12.4 gr.	13.4 gr.	**14.3 gr.**		
2400	10.8 gr.	12.1 gr.	13.4 gr.	**14.7 gr.**		
IMR 4227	12.5 gr.	13.2 gr.	14.0 gr.	**14.8 gr.**		
H 110	11.5 gr.	12.9 gr.	14.2 gr.	15.6 gr.	17.0 gr.	**18.3 gr.**
WIN 296	11.1 gr.	12.7 gr.	14.4 gr.	16.0 gr.	17.6 gr.	**19.2 gr.**
H 4227	13.5 gr.	14.7 gr.	**15.9 gr.**			

■ *indicates maximum load • use with caution*

(RIFLE DATA)

158-160 GRAIN BULLETS

SECTIONAL DENSITY: 0.177-0.179
DIAMETER: 0.357"

#3572 CL-SIL
B.C.: 0.181 C.O.L.: 1.590"

#35750 HP/XTP
B.C.: 0.206 C.O.L.: 1.590"

#35780 FP/XTP
B.C.: 0.199 C.O.L.: 1.590"

	VELOCITY (FPS–feet per second)					
POWDER	1200	1300	1400	1500	1600	1700
AA No. 9	9.8 gr.	10.6 gr.	**11.5 gr.**			
2400	9.3 gr.	10.4 gr.	11.5 gr.	12.7 gr.	**13.8 gr.**	
H 110	8.6 gr.	10.1 gr.	11.6 gr.	13.2 gr.	14.7 gr.	**15.5 gr.**
VIHT N-110	10.0 gr.	10.9 gr.	11.7 gr.	12.6 gr.	**13.4 gr.**	
WIN 296	10.2 gr.	11.4 gr.	12.7 gr.	13.9 gr.	15.1 gr.	**15.7 gr.**
IMR 4227	12.0 gr.	12.9 gr.	13.8 gr.	**14.3 gr.**		

180 GRAIN BULLETS

SECTIONAL DENSITY: 0.202
DIAMETER: 0.357"

#35771 HP/XTP
B.C.: 0.230 C.O.L.: 1.590"

#3577 CI-SIL
B.C.: 0.232 C.O.L.: 1.590"

	VELOCITY (FPS–feet per second)					
POWDER	1000	1100	1200	1300	1400	1450
2400	7.2 gr.	8.4 gr.	9.6 gr.	10.8 gr.	12.0 gr.	**12.7 gr.**
AA No. 9,	8.4 gr.	9.3 gr.	**10.2 gr.**			
VIHT N-110	8.7 gr.	9.5 gr.	10.3 gr.	11.1 gr.	**11.5 gr.**	
H 110	7.9 gr.	9.1 gr.	10.4 gr.	11.6 gr.	**12.9 gr.**	
WIN 296	8.6 gr.	9.8 gr.	11.1 gr.	12.3 gr.	**13.5 gr.**	
IMR 4227	10.2 gr.	11.2 gr.	**12.3 gr.**			

■ *indicates maximum load • use with caution*

.357 MAGNUM - HORNADY BULLETS

(RIFLE DATA)

140 GRAIN BULLETS

SECTIONAL DENSITY: 0.156
DIAMETER: 0.357"

#10078 FP
B.C.: 0.127 C.O.L.: 1.450"

	VELOCITY (FPS–feet per second)					
POWDER	850	900	950	1000	1050	1100
TITEGROUP	2.8 gr.	3.1 gr.	3.4 gr.	3.7 gr.	4.0 gr.	**4.3 gr.**
HODG CLAYS	2.7 gr.	3.1 gr.	3.5 gr.	3.8 gr.	**4.2 gr.**	
AMER SELECT	3.2 gr.	3.5 gr.	3.8 gr.	4.2 gr.	**4.5 gr.**	
NITRO 100	3.3 gr.	3.6 gr.	3.9 gr.	4.1 gr.	4.4 gr.	**4.7 gr.**
Unique	3.7 gr.	4.0 gr.	4.2 gr.	4.5 gr.	4.7 gr.	**5.0 gr.**

158 GRAIN BULLETS

SECTIONAL DENSITY: 0.176
DIAMETER: 0.358"

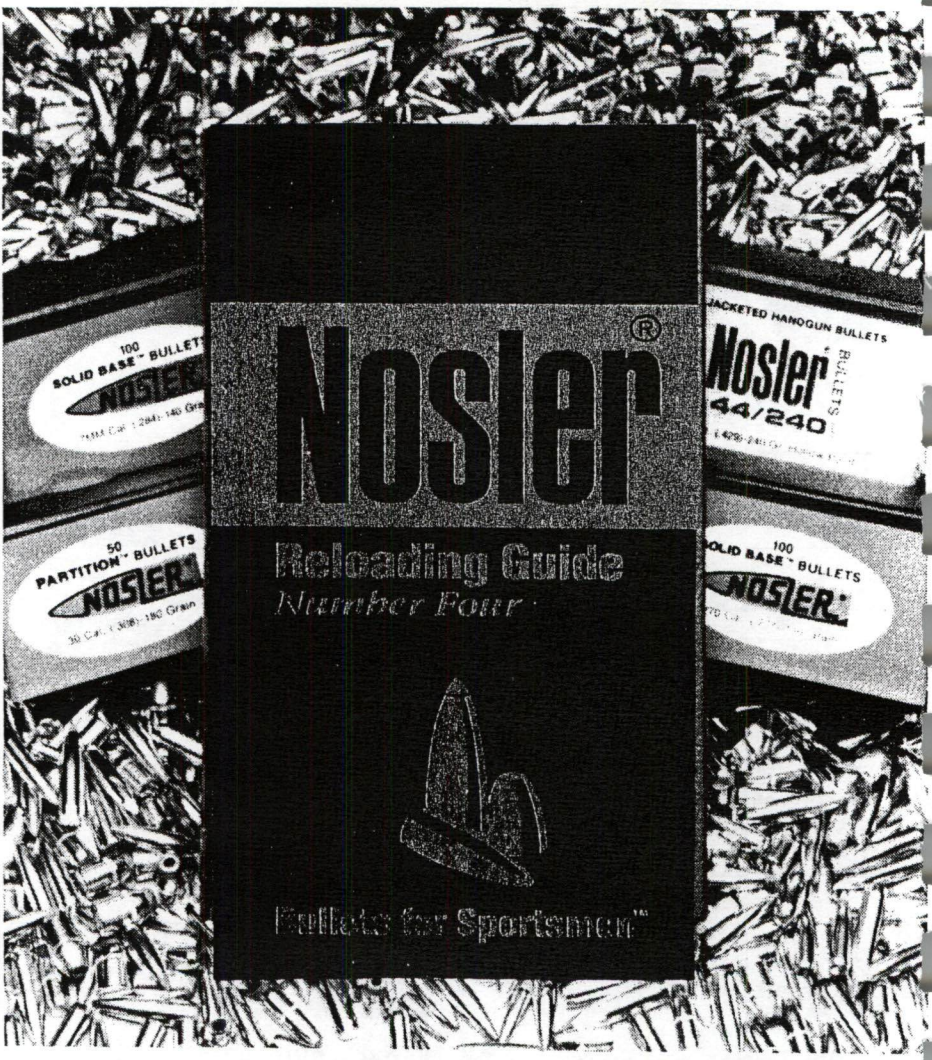
#10428 SWC-HP
B.C.: 0.139 C.O.L.: 1.590"

#10508 RN
B.C.: 0.159 C.O.L.: 1.590"

#10408 SWC
B.C.: 0.135 C.O.L.: 1.590"

	VELOCITY (FPS–feet per second)					
POWDER	850	900	950	1000	1050	1100
TITEGROUP	3.1	3.3	3.6	3.9	**4.2**	
HODG CLAYS	2.8	3.3	3.8	**4.3**		
NITRO 100	3.3	3.6	3.9	4.3	**4.6**	
AMER SELECT	3.4	3.7	4.0	**4.4**		
Unique	3.7	4.1	4.4	4.7	5.0	**5.3**

■ *indicates maximum load • use with caution*



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Nosler® BULLETS
Handgun

.357 Magnum

By Massad Ayoob

Developed in 1935, the .357 Magnum hit its apex of popularity in the '70s among cops and remains a leading caliber choice (perhaps *the* most popular caliber choice) among civilian handgun enthusiasts and reloaders.

With a 125-grain semi-jacketed hollow point loaded to 1,450 fps, one has the ultimate defensive handgun cartridge. Recoil, report, and muzzle blast are sharp, however. I carried such ammo for years in my duty .357s, and while I'm now issued a .45 auto, I still don't feel under-gunned with a .357 Magnum loaded with these full-speed 125-grain hollow points. I still carry them in my backup gun on patrol, a Ruger SP-101 snubby. This and similar small-frame .357 snubs have given the cartridge a new lease on life. Be leery of heavy shooting with these high-pressure loads in smaller than .41-frame guns, however; they'll send a light duty .357 to the armorer for "tightening up" within a few hundred rounds.

Though all manner of big game has been taken with the .357 revolver—I've killed deer and sheep with it out of sixguns myself—it's light for anything bigger than a small whitetail deer. I prefer the .44 Magnum, and if hunting with the .357 today, would use a 180-grain bullet at 1,100 fps.

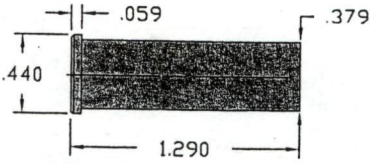
Don't worry about the folklore that a .357 won't shoot a .38 cartridge as accurately as a revolver dedicated to the smaller caliber. I've won many tournaments shooting .38s from .357s. In full Magnum loading, a good 158-grain bullet at about 1,250 fps groups into 2.5 inches at 100 yards from my benchrested Colt Python with 2-7X Simmons scope.

Easy to reload, extremely versatile in and of itself and extraordinarily versatile when you consider the built-in .38 Special option, and offering impeccable accuracy, the .357 Magnum also delivers an ideal "power profile" for certain applications.

This combination of attributes will make it a top choice of handgun experts well into the next century.

Massad is the winner of several state and regional combat handgun championships and has been a cop for more than 20 years. He has been called the nation's leading expert on defensive use of lethal force by police and civilians alike.

357 Magnum
Test Information



RIFLE:	Barrel:	H&S Precision
	Length:	8.3"
	Twist:	1-16"
CASE:		Federal
PRIMER:		Win. WSPM

Comments from the lab

The .357 Magnum was at the time of its introduction the most powerful revolver cartridge in existence. Today it falls well short of that mark, but is still a relatively powerful round.

As noted by Massad, .38 Special ammunition can be safely and accurately fired through a .357 Mag. revolver, and is good for practice and plinking. When loading full-tilt .357 rounds, we have always had the best luck with slower powders like AA-No. 9, 2400, H 110, and W 296. In using these slow powders, a small pistol magnum primer and a heavy roll crimp are necessary to help achieve consistent ignition.

We have had great results with the following procedure:

- Seat the bullet to where you can just see the top edge of the cannelure.
- Adjust your crimp so that the case mouth is deforming the ridges in the cannelure and biting clear to the bottom of the groove.

We agree with Massad that the .357 Mag. is a bit light for use on big game, even with top end loads. With perfect shot placement it will get the job done, but there are other revolver cartridges better suited for big game hunting.

.357 MAGNUM - NOSLER BULLETS

Nosler

125 Grain

125 gr.
Hollow Point

Ballistic Coefficient	.143
Sectional Density	.140

**Most Accurate Load Tested*
***Compressed Load*

Powder	*Charge Weight in Grains*	*Muzzle Velocity (fps)*	*Load Density*
W 231	*Max.* 8.6	1520 fps	42%
	8.1	1420 fps	39%
	7.6*	1320 fps	37%
800 X *(Most Accurate Powder Tested)*	*Max.* 10.7	1702 fps	52%
	10.2	1627 fps	49%
	9.7*	1552 fps	47%
BLUE DOT	*Max.* 12.8	1741 fps	62%
	12.3	1669 fps	59%
	11.8*	1597 fps	57%
2400	*Max.* 17.0	1800 fps	82%
	16.5	1740 fps	80%
	16.0*	1680 fps	77%
IMR 4227	*Max.* 18.0*	1710 fps	88%
	17.5	1690 fps	85%
	17.0	1660 fps	83%
H 110	*Max.* 19.6	1840 fps	96%
	19.1	1810 fps	93%
	18.6*	1770 fps	91%

Use Maximum Loads with Caution

.357 MAGNUM - NOSLER BULLETS

Nosler

150 Grain

150 gr.
Soft Point

Ballistic Coefficient	.153
Sectional Density	.168

**Most Accurate Load Tested*
***Compressed Load*

Powder	*Charge Weight in Grains*	*Muzzle Velocity (fps)*	*Load Density*
	Max. 10.8	1492 fps	58%
BLUE DOT	10.3	1397 fps	55%
	9.8*	1302 fps	53%
	Max. 10.7*	1430 fps	57%
HS 7	10.2	1380 fps	55%
	9.7	1331 fps	52%
AA-No. 7	*Max.* 11.8*	1453 fps	63%
(Most Accurate Powder Tested)	11.3	1398 fps	61%
	10.8	1343 fps	58%
	Max. 14.0	1592 fps	75%
AA-No. 9	13.5	1557 fps	73%
	13.0*	1521 fps	70%
	Max. 15.2	1700 fps	82%
2400	14.7	1690 fps	79%
	14.2*	1680 fps	76%
	Max. 16.0	1620 fps	86%
H 110	15.5	1580 fps	83%
	15.0*	1540 fps	81%
	Max. 16.2*	1580 fps	87%
IMR 4227	15.7	1540 fps	84%
	15.2	1503 fps	81%

Use Maximum Loads with Caution

.357 MAGNUM - NOSLER BULLETS

Nosler®

158 Grain

158 gr.
Hollow Point

Ballistic Coefficient	.182
Sectional Density	.177

**Most Accurate Load Tested*
***Compressed Load*

Powder	*Charge Weight in Grains*	*Muzzle Velocity (fps)*	*Load Density*
SR 4756	*Max.* 7.9	1340 fps	45%
	7.4	1310 fps	42%
	6.9*	1280 fps	39%
800 X	*Max.* 8.7*	1448 fps	50%
	8.2	1373 fps	47%
	7.7	1298 fps	44%
AA-No. 5	*Max.* 9.6	1428 fps	55%
	9.1	1343 fps	52%
	8.6*	1258 fps	49%
AA-No. 7 *(Most Accurate Powder Tested)*	*Max.* 11.2*	1420 fps	64%
	10.7	1340 fps	61%
	10.2	1260 fps	58%
2400	*Max.* 12.3*	1520 fps	69%
	11.8	1500 fps	65%
	11.3	1480 fps	64%
W 296	*Max.* 14.8*	1540 fps	84%
	14.3	1530 fps	81%
	13.8	1520 fps	78%
H 110	*Max.* 15.9*	1490 fps	90%
	15.4	1470 fps	87%
	14.9	1460 fps	84%

Use Maximum Loads with Caution

.357 MAGNUM - NOSLER BULLETS

Nosler®

180 Grain

180 gr.
Silhouette

*Most Accurate Load Tested
**Compressed Load

Ballistic Coefficient .210
Sectional Density .202

Powder	Charge Weight in Grains	Muzzle Velocity (fps)	Load Density
SR 4756	*Max.* 6.8	1103 fps	43%
	6.3	1028 fps	40%
	5.8*	953 fps	36%
BLUE DOT	*Max.* 9.5*	1300 fps	60%
	9.0	1210 fps	57%
	8.5	1120 fps	54%
AA-No. 7	*Max.* 10.5	1280 fps	66%
	10.0	1210 fps	63%
	9.5*	1140 fps	60%
2400	*Max.* 11.5	1380 fps	72%
	11.0	1300 fps	69%
	10.5*	1220 fps	66%
AA-No. 9	*Max.* 12.2*	1310 fps	77%
	11.7	1240 fps	74%
	11.2	1170 fps	71%
H 4227 *(Most Accurate Powder Tested)*	*Max.* 13.0*	1259 fps	82%
	12.5	1213 fps	79%
	12.0	1168 fps	76%
H 110	*Max.* 13.5	1320 fps	85%
	13.0	1270 fps	82%
	12.5*	1223 fps	79%

Use Maximum Loads with Caution

When You Need ALL the Facts...

The Sierra **4th Edition** Reloading Manuals have the information you need. Rifle and Handgun reloading information are in two separate volumes, and each one covers its subject thoroughly. No matter what brand of bullet, powder, or primer you like to use, the Sierra manuals give you the full story.

They also help you with practical tips on hunting and target shooting reloading specialties from the people who are recognized as top-flight experts–like Bob Milek on loads for handgun hunters or David Tubb for big bore target rifle.

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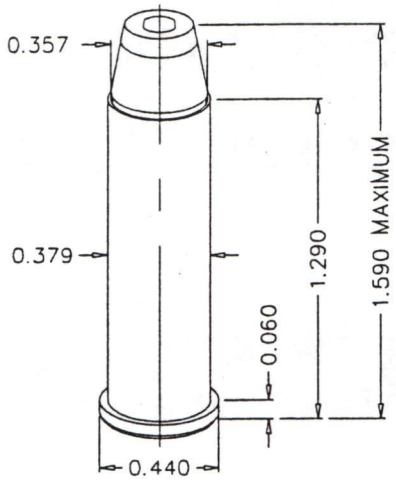
SIERRA

The Bulletsmiths®

357 Magnum



Test Specifications/ Components

Firearm Used: Colt MKIII Trooper
Barrel Length: 6"
Twist: 1 x 14"
Case: Starline
Trim-to Length: 1.285"
Primer: CCI-550

Remarks:

The .357 Magnum is the oldest and most popular of our modern magnum revolver cartridges. Introduced in 1935, the .357 Magnum is a logical extension of Smith & Wesson's .38/44 Outdoorsman and .38/44 Heavy Duty revolvers. These massive N frame revolvers were designed to use a high pressure version of the standard .38 Special cartridge. Today, the high pressure .38 Special loads intended for these revolvers would be known as +P or +P+ loadings. In 1930, when they were introduced, they were marketed as .38/44 S&W Special cartridges. These should not be confused with the .38/40, which is a completely different cartridge altogether. While these high velocity loadings provided an increase in the capabilities of the .38 Special, the heavy revolvers chambered for them gave experimenters the added strength to push the cartridge even further.

The .357 Magnum came about as a result of work done by Phil Sharpe, using extremely heavy loadings in a pair of .38/44 Outdoorsman revolvers. Sharpe, a respected gun writer of the period, had the chance to demonstrate the effectiveness of these loads during a hunting trip with Colonel Douglas B. Wesson, then vice-president of Smith & Wesson. While Sharpe modestly declined to take credit for the new cartridge, Col. Wesson was highly impressed. Plans were made to introduce a new revolver built around the new round, now known as the .357 Magnum. Winchester collaborated in this effort, producing a case some .135" longer than the .38 Special. The extra length was to prevent the magnum from being chambered in the older .38 Special revolvers, and was not intended to increase capacity. The .357 achieves its increased performance by a tremendous increase in operating pressure. At the time of its introduction, the .357 Magnum was the most powerful commercial cartridge ever chambered in a revolver, an honor it retained until being upstaged by the .44 Magnum some twenty years later.

The .357 is a tremendously versatile cartridge. Today, it is one of the most popular choices as a duty round for police officers, as it offers an excellent balance of stopping power and controllable recoil. It has also gained a

357 Magnum continued

respectable reputation as a hunting cartridge, being used for game as large as white tail deer. While the .357 is at its best with large charges of slow burning powders, it is an easy cartridge to load for. Faster burning powders, such as Unique and 231 allow much milder loads to be used for practice and plinking. In addition to the lighter .357 Magnum loads, standard .38 Specials can be fired in any .357 revolver as well. The .357 is an excellent all-around cartridge, and will undoubtedly remain with us for many years to come.

#8300 .357" 110 gr. JHC Blitz
C.O.A.L. 1.585"

Powder↓/Velocity→	1250	1300	1350	1400	1450	1500	1550
Bullseye	7.1	7.5	7.9	8.4			
231	8.0	8.4	8.8	9.2			
AA-No. 2	7.5	7.9	8.3	8.6			
Unique	7.5	8.3	9.1	9.8	10.6		
AA-No. 5	10.4	10.9	11.4	11.8			
Herco	9.8	10.6	11.4	12.2	13.0		
AA-No. 7			13.4	13.9	14.4		
Blue Dot				13.5	14.5	15.4	
AA-No. 9				15.9	17.5	19.1	
2400					18.2	18.7	19.3
Viht N110	13.7	14.3	14.8	15.4	15.9	16.5	17.0
H110			18.5	18.9	19.3	19.7	20.4
296					21.0	21.7	22.4
Energy/ft.lbs.	**382**	**413**	**445**	**479**	**513**	**549**	**587**

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	Unique	9.8	1400	479
Hunting Load	H110	19.7	1500	549

INDICATES MAXIMUM LOAD – **USE CAUTION**
LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

357 Magnum continued

#8310 .357" 125 gr. JSP
C.O.A.L. 1.585"

#8320 .357" 125 gr. JHC
C.O.A.L. 1.585"

Powder↓/Velocity→	1200	1250	1300	1350	1400	1450	1500
Bullseye	7.4	7.9	8.3				
231	8.1	8.5	8.9				
AA-No. 2	7.4	7.8	8.2				
Unique		7.6	8.2	8.7	9.3		
AA-No. 5	10.5	11.0	11.5				
Herco	9.6	10.6	11.5				
AA-No. 7		12.5	13.1	13.7			
Blue Dot			13.2	13.8	14.4	14.9	
AA-No. 9			15.5	16.3	17.1	17.9	
2400			16.2	16.9	17.6	18.3	19.0
Viht N110	13.1	13.6	14.2	14.7	15.3	15.8	16.4
H110			17.6	18.4	19.1	19.8	
296			18.6	19.3	20.0	20.7	21.1
Energy/ft.lbs.	**400**	**434**	**469**	**506**	**544**	**583**	**624**

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	AA-No. 7	13.1	1300	469
Hunting Load	296	20.7	1450	583

INDICATES MAXIMUM LOAD – **USE CAUTION**
LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

357 Magnum continued

#8325 .357" 140 gr. JHC
C.O.A.L. 1.585"

Powder↓/Velocity→	1150	1200	1250	1300	1350
Bullseye	7.5	7.8			
231	8.0	8.5			
AA-No. 2	7.5	8.0			
Unique	8.2	8.6	9.0		
AA-No. 5	10.0	10.4	10.8		
Herco	8.6	9.1	9.5	10.0	
AA-No. 7	11.5	12.1	12.7	13.2	
Blue Dot	11.1	11.8	12.4	13.0	13.6
AA-No. 9			12.8	14.5	16.2
2400	15.5	16.2	16.8	17.4	
Viht N110	12.2	12.8	13.4	14.0	14.7
H110	17.6	18.3	18.9	19.5	
296		17.9	18.5	19.1	19.6
Energy/ft.lbs.	**411**	**448**	**486**	**525**	**566**

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	Blue Dot	12.4	1250	486
Hunting Load	296	19.1	1300	525

INDICATES MAXIMUM LOAD – **USE CAUTION**
LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

357 Magnum continued

#8360 .357" 158 gr. JHC
C.O.A.L. 1.585"

#8340 .357" 158 gr. JSP
C.O.A.L. 1.585"

Powder↓/Velocity→	1050	1100	1150	1200	1250
Bullseye	6.2	6.7	7.2		
231	7.0	7.4	7.7		
AA-No. 2	6.6	7.1	7.5		
Unique	7.7	8.2			
AA-No. 5	8.9	9.4	9.9		
Herco	7.8	8.4	9.5		
AA-No. 7	10.2	10.8	11.4	12.0	
Blue Dot			11.6	12.1	12.6
AA-No. 9		12.7	13.4	14.1	
2400				14.0	15.0
Viht N110	11.8	12.0	12.2	12.4	12.7
H110			13.3	14.8	16.3
296			15.9	16.6	17.3
Energy/ft.lbs.	**387**	**424**	**464**	**505**	**548**

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	AA-No.7	11.4	1150	464
Hunting Load	H110	16.3	1250	548

INDICATES MAXIMUM LOAD – **USE CAUTION**
LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

357 Magnum continued

#8365 .357" 170 gr. JHC
C.O.A.L. 1.585"

#8350 .357" 170 gr. FMJ Match
C.O.A.L. 1.585"

Powder↓/Velocity→	850	900	950	1000	1050	1100
Unique	5.8	6.1	6.4	6.7	7.0	
AA-No. 5	7.3	7.8	8.3	8.7	9.1	
Herco	6.1	6.5	6.9	7.3	7.7	
AA-No. 7			8.8	9.6	10.4	11.2
Blue Dot					9.6	10.3
AA-No. 9				11.0	12.0	13.0
2400					13.1	13.9
Viht N110	10.3	10.5	10.7	10.9	11.1	11.3
H110				13.6	14.3	14.9
296				14.5	15.0	15.5
IMR-4227				14.5	15.1	15.6
Energy/ft.lbs.	**273**	**306**	**341**	**377**	**416**	**457**

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	Herco	7.3	1000	377
Hunting Load	AA-No. 9	13.0	1100	457

#8370 .357" 180 gr. FPJ Match
C.O.A.L. 1.585"

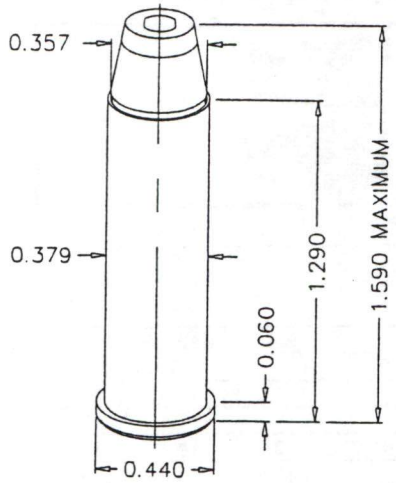
Powder↓/Velocity→	800	850	900	950	1000	1050
Unique	5.2	5.6	6.0	6.3	6.6	
AA-No. 5	7.1	7.5	7.9	8.3	8.7	
Herco	5.9	6.1	6.4	6.7	7.0	7.2
AA-No. 7			9.1	9.6	10.1	10.6
Blue Dot	7.4	7.7	8.0	8.3	8.6	8.8
AA-No. 9			10.8	11.4	12.0	12.6
2400				10.1	10.8	11.5
Viht N110	10.1	10.3	10.5	10.7	10.9	11.1
H110			10.6	11.4	12.1	12.8
296				12.0	12.7	13.4
IMR-4227				13.3	13.8	14.2
Energy/ft.lbs.	**256**	**289**	**324**	**361**	**400**	**441**

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	Blue Dot	8.0	900	324
Hunting Load	296	13.4	1050	441

INDICATES MAXIMUM LOAD – **USE CAUTION**

LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

357 Magnum



Test Specifications/ Components

Firearm Used: Marlin Model 1894
Barrel Length: 18 1/2"
Twist: 1 x 16"
Case: Starline
Trim-to Length: 1.285"
Primer: CCI-550

Remarks:

While attempting to produce extremely high velocities in the 38 Special during the 1930s, Phil Sharpe and Col. D. B. Wesson recognized the need to increase pressures considerably higher than had been previously loaded. This brought the development of the 357 Magnum. At the time of its introduction, the 357 Magnum was the most powerful commercial handgun cartridge in the world. While this awesome reputation has been eclipsed by newer developments, the 357 is still a very effective and useful cartridge. Although it was never originally intended for use in rifles, the cartridge has nevertheless found a home in lever-action carbines. These little rifles are handy, light and genuinely fun to shoot. As an added convenience, they also handle 38 Special cartridges.

The 357 Magnum has proven to be an excellent cartridge for whitetail deer at short range. When hunting in heavy cover where the shots come close and fast, the light weight and good handling qualities of a lever action carbine are in their best element. For those shooters who have trouble handling the recoil of a full-sized 30-30 or 35 Remington, the 357 may be a suitable alternative, as long as shots are placed perfectly. With proper bullet selection, the 357 Magnum will also serve quite well as a small game round.

Loading for the 357 Magnum in a rifle calls for slow burning powders. We had our best results with Hodgdon's H110 and Winchester's 296, but any of the slower numbers, such as Accurate's No. 9 and Hercules 2400 are worth experimentation. The bullet selection available in the 357 bore size gives this combination a tremendous degree of versatility. Sierra's 110 and 125 grain bullets give outstanding results for pests and plinking. The JHC designs of 140 to 170 grains are well suited to deer and other thin-skinned big game. When using heavy charges of slow-burning powders, magnum primers and a firm crimp are strongly recommended for best ignition, velocity and accuracy. For rifles with tubular magazines, the 170 grain round-nose FMJ must not be used in order to avoid primer detonation in the magazine.

357 Magnum continued

#8300 .357" 110 gr. JHC Blitz
C.O.A.L. 1.585"

Powder↓/Velocity→	1600	1700	1800	1900	2000	2100	2200
Titegroup	7.1	7.9					
231	8.0	8.6	9.2				
Zip	7.7	8.3	8.9				
AA-No. 5		10.6	11.3	12.0			
Unique	8.4	9.1	9.7	10.4			
Universal Clays	7.8	8.3					
Viht 3N37	9.6	10.2					
AA-No. 7			13.6	14.3			
True Blue	9.5	10.3	11.1				
Viht N350	9.0	9.8	10.6				
Blue Dot	12.1	12.7	13.2	13.8	14.4	14.9	15.5
2400	14.5	15.5	16.4	17.4	18.3		
Viht N110	14.4	15.2	15.9	16.7	17.4	18.2	
H110					18.2	20.1	22.0
296					19.3	20.6	21.9
Energy/ft.lbs.	**625**	**706**	**791**	**881**	**977**	**1077**	**1182**

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	True Blue	11.1	1800	791
Hunting Load	296	21.9	2200	1182

INDICATES MAXIMUM LOAD – **USE CAUTION**
LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

(RIFLE DATA)

357 Magnum continued

#8310 .357" 125 gr. JSP
C.O.A.L. 1.585"

#8320 .357" 125 gr. JHC
C.O.A.L. 1.585"

Powder↓/Velocity→	1500	1600	1700	1800	1900	2000	2100
Titegroup	7.1	7.5					
231	7.5	8.1	8.6				
AA-No. 5	9.2	10.0	10.8	11.6			
Unique	7.7	8.4	9.0				
Power Pistol	8.3	9.0					
AA-No. 7			12.2	13.1	13.9		
True Blue	9.4	10.1	10.8				
Viht N350	8.8	9.6					
Viht 3N38	9.7	10.4	11.1	11.8			
Blue Dot	11.1	11.8	12.4	13.1	13.7	14.4	
Enforcer				14.8	15.7	16.6	
2400	13.8	14.7	15.5				
Viht N110	13.3	14.1	14.9	15.7	16.5	17.3	
H110					17.5	19.3	
296					18.0	19.2	20.4
Energy/ft.lbs.	**624**	**710**	**802**	**899**	**1002**	**1110**	**1224**

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	[illegible]	[illegible]	1800	899
Hunting Load	296	26.0	2100	1224

INDICATES MAXIMUM LOAD – **USE CAUTION**
LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

(RIFLE DATA)

357 Magnum continued

#8325 .357" 140 gr. JHC
C.O.A.L. 1.585"

Powder↓/Velocity→	1400	1500	1600	1700	1800	1900	2000
Titegroup	6.2	7.0	7.7				
231	7.3	7.8					
Zip	6.8	7.6	8.3				
Unique	7.0	9.0					
Power Pistol	7.6	8.2					
AA-No. 7		11.0	11.9	12.7			
True Blue	8.5	9.2	9.8				
Viht N350	8.2	8.9	9.5				
Viht 3N38	9.3	10.0	10.6				
Blue Dot	10.8	11.1	11.4				
AA-No. 9	12.6	13.2	13.8	14.4			
Enforcer		12.8	13.6	14.3	15.1	15.8	
2400	12.7	13.7	14.6				
Viht N110	12.7	13.3	13.9	14.5			
H110					17.0	18.1	19.2
296					17.5	18.5	19.5
Energy/ft.lbs.	**609**	**699**	**796**	**898**	**1007**	**1122**	**1243**

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	Power Pistol	8.2	1500	699
Hunting Load	Enforcer	15.8	1900	1122

INDICATES MAXIMUM LOAD – **USE CAUTION**
LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

(RIFLE DATA)

357 Magnum continued

#8360 .357" 158 gr. JHC
C.O.A.L. 1.585"

#8340 .357" 158 gr. JSP
C.O.A.L. 1.585"

Powder↓/Velocity→	1300	1400	1500	1600	1700	1750	1800
Titegroup	6.1	7.2					
Zip	6.6	7.4					
Unique	7.1	8.0					
Power Pistol	7.0	7.6	8.1				
Herco	7.4	8.2	9.0				
AA-No. 7	10.2	10.9	11.5	12.2			
True Blue	8.0	8.7	9.4				
Viht N350	7.8	8.6					
Viht 3N38	8.6	9.2	9.7	10.3			
Blue Dot	10.0	10.6	11.2				
AA-No. 9			13.0	13.9			
Enforcer		11.6	12.5	13.4	14.3	14.8	15.2
2400	12.1	13.0	13.9				
Viht N110	11.6	12.4	13.2	14.0			
H110			13.5	14.4	15.3	15.8	16.2
296				15.0	16.0	16.5	17.0
Energy/ft.lbs.	**593**	**687**	**789**	**898**	**1014**	**1074**	**1136**

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	True Blue	9.4	1500	789
Hunting Load	296	16.5	1750	1074

INDICATES MAXIMUM LOAD – **USE CAUTION**

LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

(RIFLE DATA)

357 Magnum continued

#8365 .357" 170 gr. JHC
C.O.A.L. 1.585"

Powder↓/Velocity→	1200	1300	1400	1500	1600	1650
Titegroup	5.6	6.5				
Zip	5.9	6.8				
Power Pistol	6.4	7.1	7.8			
Herco	6.8	7.5				
AA-No. 7	9.4	10.1	10.7	11.4		
True Blue	7.4	8.2	9.0			
Viht N350	7.3	7.9	8.5			
Viht 3N38	7.9	8.6	9.2	9.9		
Blue Dot	8.7	9.4	10.1	10.8		
AA-No. 9		11.0	11.8	12.6		
Enforcer		10.5	11.5	12.5	13.5	14.0
2400		11.7	12.7	13.7		
Viht N110	10.3	11.2	12.0	12.9	13.7	
H110				14.2	15.1	15.5
296				14.2	15.0	15.4
Energy/ft.lbs.	**543**	**638**	**740**	**849**	**966**	**1027**

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	Viht N350	8.5	1400	740
Hunting Load	H110	15.1	1600	966

INDICATES MAXIMUM LOAD – **USE CAUTION**
LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

(RIFLE DATA)

357 Magnum continued

#8370 .357" 180 gr. FPJ Match
C.O.A.L. 1.565"

Powder↓/Velocity→	1100	1200	1300	1350	1400
Zip	6.4	6.9			
Power Pistol	6.9	7.4			
Herco	6.8	7.2			
AA-No. 7		9.4	10.2	10.6	
True Blue	7.9	8.4			
Viht N350	7.6	8.1			
Viht 3N38	8.0	8.6	9.2	9.5	
Blue Dot	8.7	9.3	9.9	10.2	10.5
AA-No. 9		10.2	11.3	11.8	12.3
Enforcer		10.9	11.7	12.1	12.5
2400	10.7	11.3	11.9		
Viht N110	10.1	10.8	11.5	11.9	12.2
H110		11.3	12.3	12.7	13.2
296			11.8	12.6	13.3
Energy/ft.lbs.	**483**	**575**	**675**	**728**	**783**

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	Enforcer	12.1	1350	728
Hunting Load	Enforcer	12.5	1400	783

INDICATES MAXIMUM LOAD – **USE CAUTION**
LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

(RIFLE DATA)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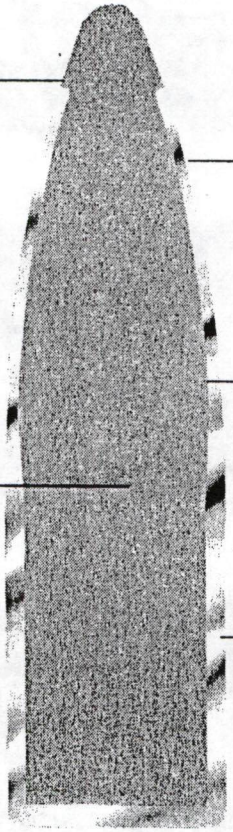

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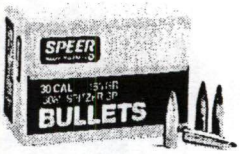

SPEER®

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The 357 Magnum was introduced in 1935 as the result of Smith & Wesson's extensive research with high-performance 38 Special loads. Much of this interest was stimulated by Elmer Keith and Phil Sharpe, who found that heavy charges of quick-burning rifle powders in a 38 case could achieve significant increases in velocity and game performance.

Major D.B Wesson wisely noted that a 38 Special cartridge loaded to very high pressures would be a severe hazard if accidentally fired in one of the lighter frame 38 Special revolvers. To avoid this, he designed a new cartridge that was physically identical to the 38 Special except for case length. The extra .135" of case prevented the new cartridge from chambering in 38 Special revolvers.

Thus was born the first "Magnum" handgun cartridge. The original Smith & Wesson 357 revolver was a high-grade model made with special steel and careful fitting to handle the new cartridge. Within a year, Colt chambered their massive New Service and Shooting Master revolvers for the 357 Magnum. An added advantage of owning a 357 Magnum revolver is that 38 Special ammunition may be used for practice.

The popularity of the 357 didn't take off until after the Korean War when Smith & Wesson and Colt both introduced lighter, less expensive revolvers. However, factory 357 Magnum ammunition was loaded with only 158 grain lead bullets until the late 1960's when jacketed bullets appeared. The soft lead bullets always caused severe barrel leading, so jacketed projectiles were a welcome improvement.

Today's handloader has an excellent selection of bullets. Speer's 110 grain JHP at high velocity is an impressive varmint bullet. The 125 grain Gold Dot HP offers excellent expansion and better penetration. The 140 grain JHP is excellent for defense. It produces less recoil than the 158 grain bullets, yet still offers adequate penetration. For hunting smaller deer species, the 158 grain Gold Dot HP and the 158 JSP are both good choices.

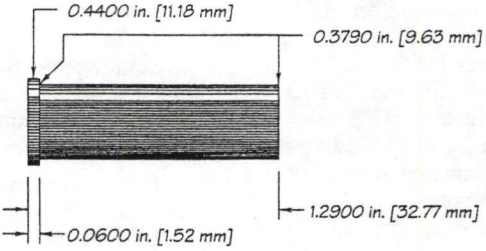
Some states have minimum muzzle or downrange energy requirements for handgun hunting that may eliminate the 357 Magnum from consideration. Check with your local game department for applicable regulations.

The 158 grain lead semi-wadcutters, both in solid and hollow point form, make good practice and target loads. To avoid leading, we recommend limiting velocities to around 1000 feet/sec.

Slow-burning pistol powders require a heavy roll crimp to insure proper ignition. Use Magnum primers only when they are specified in the data. We found the new VihtaVuori N110 to be an excellent 357 Magnum propellant with standard CCI primers. We developed new data with Alliant TechSystems (formerly Hercules) 2400 propellant. Changing from Magnum to standard primers significantly improved its performance compared to the data in the *Speer Manual #12*. Do not use Magnum primers with the 2400 or Viht. N110 loads shown here or high pressures will result.

The industry maximum average pressure for the 357 Magnum is 35,000 psi. These loads do not exceed that level.

.357 MAGNUM - SPEER BULLETS



Max. Case Length: 1.290"
Trim-to Length: 1.280"
Max. Cart. Length: 1.590"
RCBS Shellholder: #6
Barrel Length: 6"
Twist: 1-18.75"

Test Firearm: Smith & Wesson Model 19
Case: Speer
Primers: CCI 500, 550

.358" Dia.
158 Grain
Sect. Density .176

	38 SWC					
Ballistic Coefficient	0.123					
C.O.L. Tested At	1.570"					
Speer Part No.	4623					

Powder	Wt. Grs.	Mzl.Vel.	Powder	Wt. Grs.	Mzl.Vel.	Powder	Wt. Grs.	Mzl.Vel.
	6.0	**1034**		**5.0**	**1002**		**4.8**	**939**
Unique	5.5	970	**700-X**	4.5	904	**Bullseye**	4.3	848
	5.3	**1021**		**5.4**	**989**		**5.0**	**932**
SR 7625	4.8	926	**231**	4.9	897	**HP-38**	4.5	839

Notes: Bold print denotes maximum loads. The above loads are not at maximum pressure, but were held to 1000 fps. to reduce barrel leading.

.357 MAGNUM - SPEER BULLETS

.357" Dia.
110 Grain
Sect. Density .123

	38 JHP					
Ballistic Coefficient	0.122					
C.O.L. Tested At	1.575"					
Speer Part No.	4007					

Powder	Wt. Grs.	Mzl.Vel.	Powder	Wt. Grs.	Mzl.Vel.	Powder	Wt. Grs.	Mzl.Vel.
Viht. N110	**21.0C**	**1693**	Unique	**9.7**	**1447**	H. Universal	**9.0**	**1359**
	19.0	1557		8.5	1284		8.0	1264
Blue Dot	**16.0**	**1680**	Viht. 3N37	**10.8**	**1433**	HS-7*	**14.4**	**1341**
	14.0	1548		9.7	1305		12.5	1182
2400	**19.5**	**1670**	Bullseye	**8.7**	**1403**	AA #5	**12.0**	**1330**
	17.5	1536		7.8	1246		10.8	1246
Power Pistol	**10.5**	**1451**	700-X	**8.0**	**1366**	231	**9.5**	**1319**
	9.5	1326		7.0	1208		8.5	1231

.357" Dia.
125 Grain
Sect. Density .140

	38 JSP	38 GD-HP	38 JHP	38 TMJ		
Ballistic Coefficient	0.140	0.140	0.135	0.146		
C.O.L. Tested At	1.575"	1.580"	1.575"	1.575"		
Speer Part No.	4011	4012	4013	4015		

Powder	Wt. Grs.	Mzl.Vel.	Powder	Wt. Grs.	Mzl.Vel.	Powder	Wt. Grs.	Mzl.Vel.
Viht. N110	**17.8**	**1443**	Blue Dot	**13.0**	**1333**	Viht. 3N37	**10.2**	**1180**
	16.8	1410		11.5	1252		9.0	1035
2400	**17.5**	**1409**	H110*	**20.0**	**1282**	HS-7*	**13.3**	**1169**
	16.5	1335		18.0	1154		11.8	1052
Power Pistol	**10.5**	**1345**	AA #9	**14.6**	**1238**	231	**8.3**	**1168**
	9.5	1273		12.6	1119		7.6	1129
Unique	**9.6**	**1343**	Viht. N350	**10.0**	**1226**	AA #7	**13.5**	**1134**
	8.6	1259		9.0	1097		12.0	1045
296*	**20.3**	**1336**	H. Universal	**8.2**	**1200**	HS-6*	**11.3**	**1124**
	18.3	1188		7.5	1148		10.0	1009

Notes: Bold print denotes maximum loads. They should be used with caution. C = Compressed Load
* CCI Magnum Primer used with this powder.

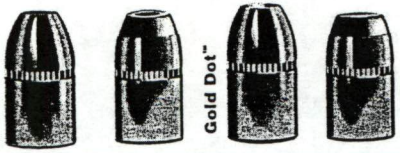
.357 MAGNUM - SPEER BULLETS

NOTE: The .357" 146 gr. JHP-SWC may be used with these powders by reducing the maximum charges by one grain.

.357" Dia. 140 Grain Sect. Density .157	38 JHP					
Ballistic Coefficient	0.152					
C.O.L. Tested At	1.590"					
Speer Part No.	4203					

Powder	Wt. Grs.	Mzl.Vel.	Powder	Wt. Grs.	Mzl.Vel.	Powder	Wt. Grs.	Mzl.Vel.
	18.0	**1367**		**15.1**	**1298**		**8.0**	**1185**
296*	17.0	1327	2400	13.1	1219	Unique	7.2	1086
	15.2	**1365**		**9.5**	**1288**		**10.2**	**1181**
Viht. N110	14.2	1255	Power Pistol	8.5	1193	AA #5	9.1	1111
	17.2	**1352**		**14.0**	**1266**		**11.9**	**1179**
H110*	16.2	1323	AA #9	13.0	1213	HS-7*	10.7	1041
	11.5	**1324**		**12.1**	**1238**		**9.8**	**1142**
Blue Dot	10.3	1234	AA #7	11.1	1144	HS-6*	8.8	1005
	19.2C	**1298**		**9.1**	**1195**		**7.1**	**1105**
IMR 4227	17.2	1153	Viht. N350	8.1	1078	231	6.3	978

Notes: Bold print denotes maximum loads. They should be used with caution. C = Compressed Load
* CCI Magnum Primer used with this powder.



Note: The .357" 160 gr. JSP-SWC may be used with these loads by reducing the maximum charges by one grain.

.357" Dia. 158 Grain Sect. Density .177	38 TMJ	38 JHP	38 GD-HP	38 JSP		
Ballistic Coefficient	0.173	0.158	0.168	0.150		
C.O.L. Tested At	1.570"	1.570"	1.575"	1.570"		
Speer Part No.	4207	4211	4215	4217		

Powder	Wt. Grs.	Mzl.Vel.	Powder	Wt. Grs.	Mzl.Vel.	Powder	Wt. Grs.	Mzl.Vel.
	14.8	**1265**		**10.0**	**1152**		**8.6**	**1072**
2400	13.8	1128	AA #5	9.0	1032	Viht. N350	7.7	958
	15.0	**1253**		**11.7**	**1140**		**11.0**	**1041**
Viht. N110	13.5	1102	AA #7	10.5	1015	HS-7*	9.9	895
	15.5	**1217**		**13.7**	**1136**		**9.7**	**1040**
H110*	13.9	1151	AA #9	12.3	1052	HS-6*	8.7	925
	10.2	**1188**		**17.0**	**1126**		**7.7**	**1040**
Blue Dot	9.0	1049	IMR 4227	15.0	1003	Unique	6.9	978
	14.7	**1185**		**8.5**	**1078**		**7.3**	**1015**
296*	13.2	1089	Power Pistol	7.5	963	H. Universal	6.5	904

Notes: Bold print denotes maximum loads. They should be used with caution. C = Compressed Load
* CCI Magnum Primer used with this powder.

SHOOTER'S LOG

(RIFLE DATA)

Although developed as a handgun cartridge, the 357 Magnum is seeing increased use as a rifle cartridge. It is simply a modern version of the old concept of having a rifle and sidearm use the same cartridge. In the latter part of the 19th Century, Winchester and Colt sold quite a few 32-20, 38-40 and 44-40 rifles and revolvers to shooters who found this idea important.

Not long after the 357 was introduced, custom gunsmiths started converting Model 1892 Winchesters to fire the new cartridge. In 1979, Marlin reintroduced its classic 1894 carbine as the Model 94, chambered for the 357 Magnum. Rossi and Browning have produced Winchester Model 92 replicas in this caliber and Ruger made a limited production run of 357 Magnum No. 1 single-shot rifles a few years ago.

As a rifle cartridge, the 357 has worked reasonably well within its limits. Although their trajectory isn't as flat as a high-speed 32-20, the heavier .357" bullets deliver more energy. It is nearly as powerful as the obsolete 351 Winchester self-loader cartridge. With 125 grain hollow points, the 357 is effective on varmints out to 100 yards. The 357 carbine can also be used for small whitetail deer with heavier bullets if the range is under 100 yards.

For deer hunting, we recommend the 158 grain jacketed soft point. Hollow point bullets, designed for optimum expansion in the 1000-1300 foot/sec velocity range, can cause shallow wounds on deer at rifle velocities.

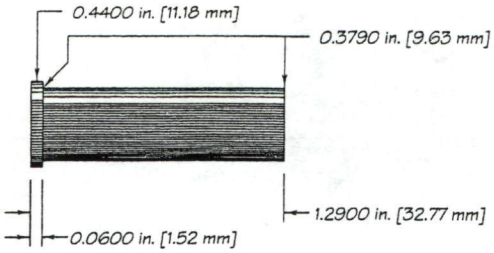
Rifle loads for the 357 Magnum are held to the normal industry pressure of 35,000 psi.

Special Notes 357 Magnum Rifles:

- Never attempt to use any pointed or full-jacketed bullets in lever-action rifles with tubular magazines.
- All lever-action 357 Magnum rifles have bolts which lock at the rear. This allows the bolt to spring slightly during firing, stretching the case. Use only new or once-fired cases for maximum loads.
- DO NOT USE LOADS LESS THAN THE MINIMUM CHARGES SHOWN. SMALL CHARGES OF POWDER MAY NOT BE SUFFICIENT TO PUSH A JACKETED BULLET DOWN AN 18 INCH BARREL AND A DANGEROUS BORE OBSTRUCTION MAY RESULT.

LAB NOTES...

For Cowboy Action Shooting, owners of 357 Magnum lever-actions can use the 38 Special data for the RCBS 147 grain cast bullet (See Handgun section). The cartridge length allows reliable feeding and the velocities from a rifle will be in the right range for Cowboy competition.



Max. Case Length: 1.290"
Trim-to Length: 1.280"
Max. Cart. Length: 1.590"
RCBS Shellholder: #6
Barrel Length: 18"
Twist: 1-16"

Test Firearm: Marlin M1894
Case: Speer
Primers: CCI 500, 550
Comments: Carefully read all text for this cartridge.

.357" Dia. 110 Grain Sect. Density .123	38 JHP					
Ballistic Coefficient	0.122					
C.O.L. Tested At	1.575"					
Speer Part No.	4007					

Powder	Wt. Grs.	Mzl.Vel.	Powder	Wt. Grs.	Mzl.Vel.	Powder	Wt. Grs.	Mzl.Vel.
	21.0C	**2467**		**23.0C**	**2321**		**19.5**	**2291**
Viht. N110	19.0	2331	296*	21.0	2131	2400	17.5	2068
	23.0C	**2353**		**16.0**	**2317**		**14.4**	**1926**
H110*	21.0	2218	Blue Dot	14.0	2188	HS-7*	12.5	1703

Notes: Bold print denotes maximum loads. They should be used with caution. C = Compressed Load
* CCI Magnum Primer used with this powder.

(RIFLE DATA)

.357 MAGNUM - SPEER BULLETS

.357" Dia.
125 Grain
Sect. Density .140

	38 JSP	38 GDHP	38 JHP			
Ballistic Coefficient	0.140	0.140	0.135			
C.O.L. Tested At	1.575"	1.580"	1.575"			
Speer Part No.	4011	4012	4013			

Powder	Wt. Grs.	Mzl.Vel.	Powder	Wt. Grs.	Mzl.Vel.	Powder	Wt. Grs.	Mzl.Vel.
	20.0C	**2125**		**17.8**	**2042**		**13.0**	**1916**
H110*	18.0	1923	**Viht. N110**	16.8	1942	**Blue Dot**	11.5	1729
	20.3C	**2125**		**17.5**	**2019**	**AA**	**13.5**	**1770**
296*	18.3	1938	**2400**	16.5	1851	**#7**	12..0	1588

.357" Dia.
140 Grain
Sect. Density .157

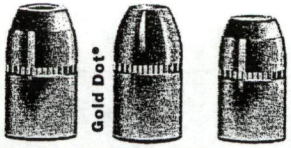
	38 JHP					
Ballistic Coefficient	0.152					
C.O.L. Tested At	1.590"					
Speer Part No.	4203					

Powder	Wt. Grs.	Mzl.Vel.	Powder	Wt. Grs.	Mzl.Vel.	Powder	Wt. Grs.	Mzl.Vel.
	18.0C	**1934**		**17.2**	**1873**		**15.1**	**1795**
296*	17.0	1819	**H110***	16.2	1731	**2400**	13.1	1683
IMR	**19.2C**	**1882**	**Viht.**	**15.2**	**1795**	**AA**	**14.0**	**1677**
4227	17.2	1672	**N110**	14.2	1695	**#9**	13.0	1549

Notes: Bold print denotes maximum loads. They should be used with caution. C = Compressed Load
* CCI Magnum Primer used with this powder.

(RIFLE DATA)

(RIFLE DATA)

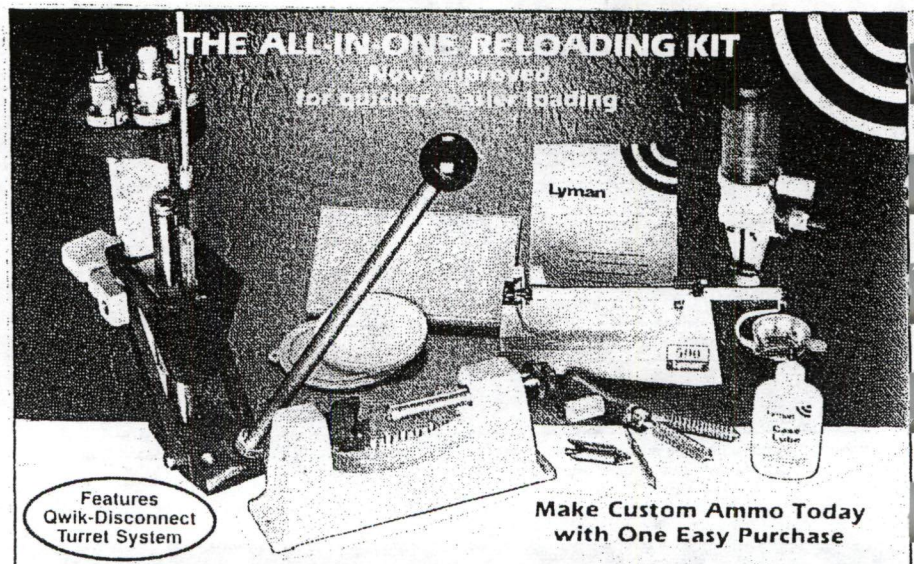


.357" Dia. 158 Grain Sect. Density .177	38 JHP	38 GDHP	38 JSP			
Ballistic Coefficient	0.158	0.168	0.150			
C.O.L. Tested At	1.570"	1.575"	1.570"			
Speer Part No.	4211	4215	4217			

Powder	Wt. Grs.	Mzl.Vel.	Powder	Wt. Grs.	Mzl.Vel.	Powder	Wt. Grs.	Mzl.Vel.
Viht.	**15.0**	**1738**		**14.8**	**1628**		**14.7**	**1564**
N110	13.5	1564	2400	13.8	1527	296*	13.2	1341
	15.5	**1648**	IMR	**17.0C**	**1588**	AA	**13.7**	**1551**
H110*	13.9	1473	4227	15.0	1397	#9	12.3	1353

Notes: Bold print denotes maximum loads. They should be used with caution. C = Compressed Load
* CCI Magnum Primer used with this powder.

SHOOTER'S LOG



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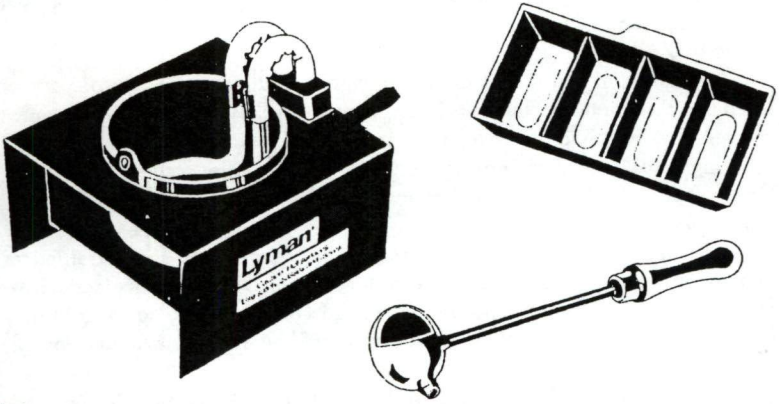

Enjoy the satisfaction of casting your own bullets, fishing jigs or sinkers. The fully electric **Mini-Mag Furnace** features a long life, heavy duty heating coil that will give you years of quality melting.

The **Mini-Mag Furnace** is designed for use with a ladle and has an operating capacity of 8 lbs. It reaches a temperature of over 700° in about 20 minutes and the stable metal base can be used as a pre-heater for mould blocks. The furnace comes with a 3 prong safety cord.

It is the best capacity value available today. Try Lyman and cast with confidence.

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Lyman® **Dept 000, Route 147 Middlefield, CT 06455**

Reloading Data Introduction:

The data listed in this section have been tested by our technicians and found to be safe when loaded with our test components and fired (under our laboratory controlled conditions) in our testing equipment. Since Lyman Products Corporation has no control over the manufacture of the various components listed, the actual loading, choice or condition of the firearms and components used, no responsibility for use of this data is implied or assumed.

Components:

The reader should bear in mind that the components listed are not of Lyman manufacture. Therefore, it is impossible that production changes affecting ballistic performance can occur at any time without our knowledge. If there is ever a question as to the correctness of the component specified, write to its manufacturer.

Starting Load:

It is essential that the reader begin with the suggested weight of powder listed in this bracket and work up slowly (following load development precautions) to his best performing load. The novice should use only the "starting load" for a period of time until he builds confidence and experience. Never decrease this charge as an increase in pressure could be encountered.

Maximum Load:

All loads which are listed as maximum were tested and classified as maximum by our technicians in accordance with our laboratory standards. **Under no circumstances should these loads be exceeded**, nor should they be quickly accepted by the reader as a safe working maximum for his particular rifle or pistol.

Many reloaders misinterpret the meaning of the "maximum load." They wrongly assume that if a high pressure load proved safe in a test laboratory then it is equally safe under any and all conditions. This is not true. The reader must start with the "starting load" and work up his load carefully. Working with his particular firearm and component combination, he may encounter signs of excess pressure before he reaches the maximum charge listed.

The technician classifies a load as maximum after carefully considering many aspects of its ballistic performance. **The maximum average pressure of the load is not the only criteria.** Often a load having an acceptable maximum average pressure will be rejected (or reduced) due to its erratic performance. Accuracy must also be considered, particularly when dealing with cast lead alloy bullets. In all instances, the maximum listing represents what our technicians consider to be the maximum working combination for the bullet, powder and caliber listed. These loads do not exceed SAAMI standards.

Accuracy Loads:

When a load is noted as such in the data tables proper, it means that the given combination of components produced the most uniform internal ballistics of any load tested utilizing that particular bullet design.

Unless noted in "Comments," the accuracy load was not fired at targets. The load, however, does have a high potential–assuming all external factors are optimun–for producing outstanding accuracy since uniform internal ballistics are critical to accuracy on target. You cannot have one without the other.

Test Parameters:

Velocities shown were taken at fifteen feet and not corrected to the muzzle.

Each test string began with a clean dry barrel and consisted of ten shots.

Loads exhibiting erratic internal ballistics were not persued.

We had no problem with leading in any of our testing.

Bullets:

Bullet numbers are listed in the introductory specifications for each cartridge and in the headline above the appropriate data block–along with an illustration of that particular bullet.

Please note these bullets are artists' rendering. Comparing your bullet against the drawing could reveal minor differences. Furthermore, minor changes are sometimes made to bullets. These drawings, which appear throughout the data sections, are for general reference only and are not intended to be a precise representation.

Bullet alloy is noted as is the exact weight of each tested bullet.

Not all cast bullets within a given caliber are intended to perform equally. We have used them in the most appropriate chamberings.

Powders:

We have limited our testing to those powders which are manufactured in the United States and which are readily available to the consumer. The following brands are listed: Dupont (now IMR), Winchester, Hercules, Alcan, Hodgdon and Gearhart-Owen.

Compressed Loads:

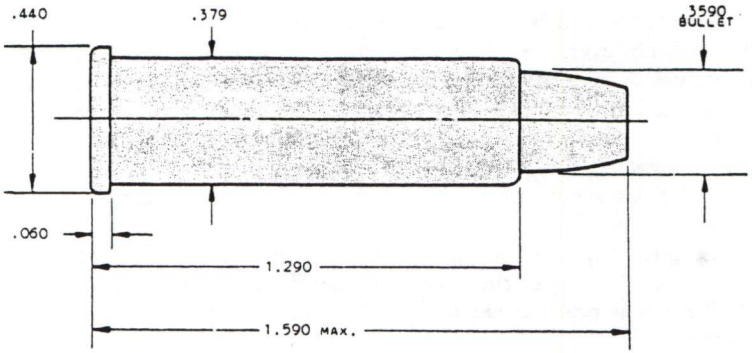
All compressed loads are indicated with a +. Depending upon the volume of the specific cartridge case used by the reader, he may, or may not, have difficulty starting bullets in such loads. If the bullet will not start, reduce the load sufficiently so that 1/10" of space remains in the case neck. Start the bullet into the case and use whatever additional pressure is required to fully seat the bullet. Failure to comply could result in a bulged case.

Filler Wads:

Dacron filler wads in the form of 1/4-inch thick batting were used in conjunction with cast bullet loads, where indicated. This material can be purchased in most yard-goods stores. It should be cut into squares, which seal the case.

When developing a load, if a wad is desired, its should be used from the beginning as the charge weight is increased. It should never be added as an afterthought, once a maximum load has been established, since its presence could result in a pressure increase of 2,000 CUP or more.

.357 MAGNUM - LYMAN BULLETS



COMMENTS:

Never use 357 Magnum Loads in 38 Special cases as very dangerous pressure will result.

Handguns can vary in groove diameter and it is wise to slug your barrel before sizing cast bullets.

In order to maintain a maximum overall cartridge length of 1.590", it is sometimes necessary to crimp cast bullets on the forward edge of the first driving band.

When using half jacketed bullets velocities must be kept above 750 fps. to prevent bullet jackets from becoming lodged in the barrel (the lead cores may exit the muzzle and strike the target). To crimp half jacket bullets, form the crimp at the junction of the jacket and exposed lead nose.

For target (mid-range) loads we recommend bullet #358495 with the suggested starting grains load. Bullet #358156 is extremely popular for heavy loads. Bullet #358429 closely duplicates the factory 158 grain semi-wadcutter. This is the Elmer Keith design bullet and makes an excellent choice for hunting.

For light loads Hercules Bullseye and Winchester 231 are best. Heavy loads work well with a wide range of powders but you might want to try 2400 for your first accuracy tests.

TEST COMPONENTS:

Cases ..... Federal
Trim-to Length ..... 1.285"
Primers ..... CCI 550
Primer Size ..... Small Pistol Magnum
Lyman Shell Holder ..... No. 1
Jacketed Bullets Used ..... Winchester JHP #B3573, 110 gr.
Hornady HP, 125 gr.
Speer JHP #4203, 140 gr.
Speer JHP, #4205, 146 gr.
Sierra HC #8330, 150 gr.
Hornady HP, 158 gr.
Speer JSP #4223, 160 gr.
Hornady JTC SIL #3577, 180 gr.

Cast Bullets Used ..... (Size to .357" dia.)
*Gas Check Bullets #356242, 92 gr.
#358345, 115 gr.
#356242, 121 gr.
#356402, 121 gr.
#358480, 133 gr.
#358495, 141 gr.
#358477, 150 gr.
*#358156, 155 gr.
#358311, 158 gr.
#358429, 168 gr.

Note: Loads shown in shaded panels are maximum.
+ Designates a compressed powder charge.

TEST SPECIFICATIONS: (Velocity & Pressure)

Firearm Used ..... Universal Receiver and Special Vented Barrel
Barrel Length ..... 4"
Twist ..... 1-18 3/4"
Groove Dia. ..... .356"

.357 MAGNUM - LYMAN BULLETS

#356242

92 gr., (Linotype) 1.585" OAL

POWDER	Sugg. Starting Grains	Velocity fps	Pressure C.U.P.	Max. Load Grains	Velocity fps	Pressure C.U.P.
700X	6.0	1206	19,700	8.3	1581	41,500
SR-7625	7.5	1262	20,700	9.8	1613	40,900
Bullseye	7.5	1365	25,900	9.5	1630	39,900
231	8.1	1329	25,600	10.1	1629	41,200
AA5	10.0	1106	14,800	12.5	1642	30,900

#358345

115 gr., (Linotype) 1.465" OAL

POWDER	Sugg. Starting Grains	Velocity fps	Pressure C.U.P.	Max. Load Grains	Velocity fps	Pressure C.U.P.
SR-7625	5.4	1036	17,600	8.3	1446	41,900
SR-4756	6.8	1137	19,600	12.0	1626	41,900
Unique	7.5	1233	24,300	9.2	1489	41,400
Blue Dot	9.4	1134	20,400	12.8	1586	41,200
231	6.4	1166	23,900	8.4	1442	40,600
Bullseye	6.0	1050	18,800	8.2	1502	39,200

Note: Loads shown in shaded panels are maximum.

.357 MAGNUM - LYMAN BULLETS

#356402

121 gr., (Linotype) 1.590" OAL

POWDER	Sugg. Starting Grains	Velocity fps	Pressure C.U.P.	Max. Load Grains	Velocity fps	Pressure C.U.P.
SR-7625	7.0	1205	23,000	8.8	1429	41,600
Unique	7.2	1134	15,800	9.4	1482	41,300
Blue Dot	10.8	1156	17,000	13.0	1564	41,400
2400	13.5	1140	17,300	19.5+	1565	37,200
Bullseye	6.5	994	18,800	8.3	1390	37,600

#356242

121 gr., (Linotype) 1.585" OAL

POWDER	Sugg. Starting Grains	Velocity fps	Pressure C.U.P.	Max. Load Grains	Velocity fps	Pressure C.U.P.
SR-7625	5.5	974	17,500	8.0	1335	41,100
Unique	6.9	1088	21,100	9.1	1409	42,000
2400	13.0	1178	25,700	16.4	1494	41,700
HS-7	10.0	1053	18,400	13.2	1436	40,300
AA 5	8.6	98	19,600	10.8	1450	37,300
Bullseye	5.7	1045	16,500	8.0	1320	35,800

Note: Loads shown in shaded panels are maximum.
+ Designates a compressed powder charge

.357 MAGNUM - LYMAN BULLETS

#358480

133 gr., (Linotype) 1.508" OAL

POWDER	Sugg. Starting Grains	Velocity fps	Pressure C.U.P.	Max. Load Grains	Velocity fps	Pressure C.U.P.
IMR-4227	12.0	1045	21,700	17.4	1421	40,200
Unique	6.2	1006	18,300	8.6	1356	40,300
Blue Dot	10.0	1162	18,800	11.6	1426	41.000
2400	11.8	1058	15,500	16.8	1501	40,200
AA 5	8.0	1013	24,800	10.0	1391	38,700
Bullseye	5.0	909	16,900	7.6	1316	40,600

#358495

141 gr., (Linotype) 1.435" OAL

POWDER	Sugg. Starting Grains	Velocity fps	Pressure C.U.P.	Max. Load Grains	Velocity fps	Pressure C.U.P.
IMR-4227	12.3	1084	22,200	16.3+	1365	39,600
Unique	5.8	960	14,600	7.9	1289	40,300
Blue Dot	9.6	1134	21,800	11.2	1382	40,600
2400	10.5	1015	18,200	14.6	1376	39,700
HS-7	9.8	1130	23,200	11.8	1356	40,700
AA 5	7.4	863	22,200	9.2	1263	38,700
Bullseye	4.8	730	18,000	6.8	1157	40,600

Note: Loads shown in shaded panels are maximum.
+ Designates a compressed powder charge

.357 MAGNUM - LYMAN BULLETS

#358477

150 gr., (Linotype) 1.510" OAL

POWDER	Sugg. Starting Grains	Velocity fps	Pressure C.U.P.	Max. Load Grains	Velocity fps	Pressure C.U.P.
IMR-4227	11.8	1044	21,700	16.0+	1333	40,200
Herco	6.2	972	17,700	7.8	1225	41,900
Blue Dot	8.2	950	13,000	10.8	1356	41,200
2400	11.0	998	17,900	15.0	1362	41,400
H110	12.4	1075	17,300	17.7	1459	41,200
AA 7	10.0	860	20,900	12.3	1255	37,700
AA 9	12.0	903	21,500	15.0	1371	39,200
Bullseye	4.6	772	17,300	7.0	1114	36,900

#358156

155 gr., (Linotype) 1.590" OAL

POWDER	Sugg. Starting Grains	Velocity fps	Pressure C.U.P.	Max. Load Grains	Velocity fps	Pressure C.U.P.
IMR-4227	11.4	973	24,100	15.2	1254	41,300
Herco	5.0	785	16,300	7.5	1151	41,000
Blue Dot	8.5	975	21,500	10.5	1277	40,800
2400	10.6	999	24,900	14.0	1299	41,900
H110	11.6	1037	21,800	15.7	1363	40,300
AA 7	10.0	739	18,600	12.7	1171	40,100
AA 9	12.2	801	19,800	15.2	1242	39,000
Bullseye	4.8	828	18,000	7.0	1122	39,400

Note: Loads shown in shaded panels are maximum.
+ Designates a compressed powder charge

.357 MAGNUM - LYMAN BULLETS

#358311

158 gr., (Linotype) 1.590" OAL

POWDER	Sugg. Starting Grains	Velocity fps	Pressure C.U.P.	Max. Load Grains	Velocity fps	Pressure C.U.P.
IMR-4227	11.8	977	19,600	17.0+	1345	40,600
Herco	6.3	963	18,700	7.9	1203	41,000
BlueDot	8.2	888	11,600	10.9	1316	39,200
2400	11.4	1024	20,200	15.5	1344	39,700
H110	13.0	1115	19,100	18.3	1460	40,100
AA 7	10.0	769	16,800	12.2	1125	36,000
AA 9	12.0	978	23,600	15.0	1339	42,000
Bullseye	4.9	821	17,500	6.9	1119	41,100

#358429

168 gr., (Linotype) 1.553" OAL

POWDER	Sugg. Starting Grains	Velocity fps	Pressure C.U.P.	Max. Load Grains	Velocity fps	Pressure C.U.P.
IMR-4227	9.8	835	14,100	14.5+	1233	40,800
Herco	5.6	885	17,900	7.1	1104	39,000
Blue Dot	8.3	970	18,400	10.0	1233	39,200
2400	9.7	879	15,900	13.5	1242	41,100
H110	11.8	1037	18,900	15.7	1318	39,800
AA 9	10.8	767	21,100	13.5	1172	38,800
Bullseye	4.1	813	16,500	6.1	976	39,300

Note: Loads shown in shaded panels are maximum.
+ Designates a compressed powder charge

(RIFLE DATA)

COMMENTS:

The Marlin rifles chambered for the 357 Magnum cartridge have become popular and hence this data entry. Hercules 2400 would be our suggestion for combining accuracy and punch.

Be sure to crimp bullets in place and use only blunt or flat point bullets in the tubular magazine of the Marlin. This data may, of course, be used in the limited production Ruger No. 1 single shot with any shape bullet.

TEST COMPONENTS:

Cases	Federal
Trim-to Length	1.285"
Primers	CCI 500
Primer Size	Small Pistol
Lyman Shell Holder	No. 1
Jacketed Bullets Used	Hornady JHP #3570, 110 gr.
	Hornady JHP #3571, 125 gr.
	Speer JHP-SWC #4205, 146 gr.
	Hornady JHP #3575, 158 gr.
	Sierra JHC #8365, 170 gr.
Cast Bullets Used	(Sized to .357" dia.)
*Gas Check Bullets	*#358156, 155 gr.
	#358429, 168 gr.

TEST SPECIFICATIONS:
(Velocity Only)

Firearm Used	Marlin Model 1894
Barrel Length	18½"
Twist	1-16"
Groove Dia.	.357"

.357 MAGNUM - LYMAN BULLETS

(RIFLE DATA)

#358156

155 gr., (#2 Alloy) 1.590" OAL

POWDER	Sugg. Starting Grains	Velocity fps	Pressure C.U.P.	Max. Load Grains	Velocity fps	Pressure C.U.P.
Herco	5.0	1014	—	7.5	1366	—
AA 7	10.0	1462	—	12.7	1749	—
Blue Dot	8.5	1337	—	10.5	1614	—
AA 9	12.2	1585	—	15.2	1838	—
2400	10.6	1422	—	14.0	1740	—
IMR-4227	11.4	1270	—	15.2	1616	—

#358429

168 gr., (#2 Alloy) 1.553" OAL

POWDER	Sugg. Starting Grains	Velocity fps	Pressure C.U.P.	Max. Load Grains	Velocity fps	Pressure C.U.P.
Herco	5.6	1099	—	7.1	1341	—
Blue Dot	8.3	1357	—	10.0	1579	—
AA 9	10.8	1444	—	13.5	1713	—
2400	9.7	1317	—	13.5	1715	—
IMR-4227	9.8	1125	—	14.5	1596	—

Note: Loads shown in shaded panels are maximum.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.357 MAGNUM - R C B S BULLETS

Gun: Ruger Security Six
Barrel: 6"
Twist: 1-18¾
Cases: Speer
Primers: CCI 500, *550

Wt. 140 GR.
Dia. .358"
Lube: Pistol

38-148-WC 

POWDER	WT. IN GRAINS	MUZ VEL	POWDER	WT. IN GRAINS	MUZ VEL
IMR	*16.0	1320	**Unique**	7.2	1210
4227	*15.0	1232		6.7	1129
2400	*13.6	1255	**231**	3.6	749
	*12.6	1172		3.1	648
HS7	11.2	1363	**Bullseye**	3.2	752
	10.2	1231		2.7	645

*DENOTES USE OF CCI #550 MAGNUM PRIMER

Wt. 148 GR.
Dia. .358"
Lube: Pistol

38-148-WC 

POWDER	WT. IN GRAINS	MUZ VEL	POWDER	WT. IN GRAINS	MUZ VEL
Unique	7.2	1241	**231**	3.3	731
	6.7	1163		2.8	634
HS5	5.3	829	**Red Dot**	3.2	785
	4.8	757		2.7	673
HP38	4.3	940	**Bullseye**	3.2	752
	3.8	836		2.7	645

Wt. 150 GR.
Dia. .358"
Lube: Pistol

38-150-SWC 

POWDER	WT. IN GRAINS	MUZ VEL	POWDER	WT. IN GRAINS	MUZ VEL
296	*17.0	1303	**Unique**	8.4	1342
	*16.0	1235		7.9	1259
2400	*15.4	1342	**231**	7.9	1250
	*14.4	1261		7.4	1178
HS5	9.0	1263	**Bullseye**	6.5	1169
	8.5	1182		6.0	1067

.357 MAGNUM - R C B S BULLETS

38-158-SWC 

Wt. 159 GR.
Dia. .358"
Lube: Pistol

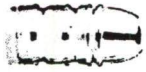
POWDER	WT. IN GRAINS	MUZ VEL	POWDER	WT. IN GRAINS	MUZ VEL
H110	*17.5	1301	**Unique**	7.0	1089
	*16.5	1243		6.5	1010
296	*17.0	1247	**Herco**	6.7	974
	*16.0	1190		6.2	905
630	*11.5	1125	SR	6.0	1066
	*10.5	1034	**7625**	5.5	995
HS6	8.0	1062	**Bullseye**	4.8	910
	7.5	988		4.3	842

*DENOTES USE OF CCI #550 MAGNUM PRIMER

38-158-RN 

Wt. 159 GR.
Dia. .358"
Lube: Pistol

POWDER	WT. IN GRAINS	MUZ VEL	POWDER	WT. IN GRAINS	MUZ VEL
HS6	7.0	944	**HP38**	5.2	950
	6.5	905		4.7	900
Herco	5.7	906	SR	5.0	950
	5.2	868	**7625**	4.5	856
Unique	5.5	918	**700X**	4.5	957
	5.0	868		4.0	907
231	5.4	952	**Bullseye**	4.5	904
	4.9	905		4.0	856

38-175-RN 

Wt. 175 GR.
Dia. .358"
Lube: Pistol

POWDER	WT. IN GRAINS	MUZ VEL	POWDER	WT. IN GRAINS	MUZ VEL
H110	*14.6	1208	SR	13.0	1046
	*13.6	1132	**4759**	12.0	958
296	*14.6	1202	**2400**	*12.8	1192
	*13.6	1112		*11.8	1075
IMR	14.3	1187	**Herco**	6.7	1108
4227	13.3	1084		6.2	1031

*DENOTES USE OF CCI #550 MAGNUM PRIMER

.357 MAGNUM - R C B S BULLETS

357-180-SIL 

Wt. 180 GR.
Dia. .358"
Lube: Rifle

POWDER	WT. IN GRAINS	MUZ VEL	POWDER	WT. IN GRAINS	MUZ VEL
680	*15.5	1159	IMR	13.0	1157
	*14.5	1081	**4227**	12.0	1042
296	14.0	1303	**2400**	12.0	1200
	13.0	1218		11.0	1062
H110	13.4	1296	**Blue Dot**	9.5	1204
	12.4	1172		8.5	1093

*DENOTES USE OF CCI #550 MAGNUM PRIMER

SHOOTER'S LOG

.357 MAGNUM - R C B S BULLETS

Gun: Marlin Model 94
Barrel: 18½"
Twist: 1-16
Cases: Speer
Primers: CCI 500, *550

Wt. 150 GR.
Dia. .358"
Lube: Pistol

38-150-SWC 

POWDER	WT. IN GRAINS	MUZ VEL	POWDER	WT. IN GRAINS	MUZ VEL
296	*15.9	1688	**2400**	14.1	1603
	*13.9	1467		13.1	1493
H110	*15.6	1721	**Blue Dot**	10.6	1572
	*13.6	1503		9.6	1436
IMR **4227**	15.1	1560	SR **4756**	9.0	1580
	13.1	1357		8.0	1394

Wt. 153 GR.
Dia. .358"
Lube: Pistol

38-158-RN 

POWDER	WT. IN GRAINS	MUZ VEL	POWDER	WT. IN GRAINS	MUZ VEL
HS6	7.6	1353	SR **7625**	6.6	1378
	7.1	1257		6.1	1286
Green Dot	7.4	1505	**231**	6.2	1353
	6.4	1296		5.7	1257
Unique	7.2	1472	**700X**	5.1	1279
	6.2	1265		4.6	1160

*DENOTES USE OF CCI #550 MAGNUM PRIMER

(RIFLE DATA)

.357 MAGNUM - R C B S BULLETS

Wt. 159 GR.
Dia. .358"
Lube: Pistol

38-158-SWC 

POWDER	WT. IN GRAINS	MUZ VEL	POWDER	WT. IN GRAINS	MUZ VEL
296	*17.0	1759	**Unique**	7.2	1385
	*16.0	1713		6.2	1233
H110	*17.0	1746	SR **7625**	6.6	1320
	*16.0	1685		5.6	1214
2400	*15.5	1798	**231**	6.2	1271
	*14.5	1740		5.2	1156
630	*10.0	1320	**700X**	5.1	1208
	*9.0	1267		4.1	1093

Wt. 175 GR.
Dia. .358"
Lube: Pistol

38-175-RN 

POWDER	WT. IN GRAINS	MUZ VEL	POWDER	WT. IN GRAINS	MUZ VEL
Re7	20.0	1539	**2400**	13.0	1554
	18.0	1371		12.0	1436
IMR **4227**	*14.3	1542	**HS7**	*8.5	1306
	*13.3	1416		*8.0	1231
SR **4759**	13.5	1441	**Herco**	6.7	1326
	12.5	1325		6.2	1214

*DENOTES USE OF CCI #250 MAGNUM PRIMER

(RIFLE DATA)

(RIFLE DATA)

Wt. 179 GR.
Dia. .358"
Lube: Pistol

357-180-SIL 

POWDER	WT. IN GRAINS	MUZ VEL	POWDER	WT. IN GRAINS	MUZ VEL
Re7	*19.0	1491	**630**	*13.0	1590
	*18.0	1410		*12.0	1489
H110	*15.0	1615	SR	13.0	1452
	*14.0	1518	**4759**	12.0	1346
296	*15.0	1507	**2400**	*12.5	1456
	*14.0	1398		*11.5	1352
IMR	*14.0	1423	**Herco**	6.0	1136
4227	*13.0	1321		5.0	1022

*DENOTES USE OF CCI #250 MAGNUM PRIMER

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Sales, Speer Bullets
300 Win. Mag. Caliber
165 gr. Speer Grand Slam
72 Gr. Hodgdon H4350 Powder

357 MAGNUM

Back in 1935, the 357 Magnum was introduced as the most powerful handgun cartridge in the world – unseating the 45 Colt for the title by a respectable margin. Shooters soon found out all that power came at a price in terms of recoil and muzzle blast, not to mention barrel leading with those early 158 grain factory loads.

While the 357 Magnum has long ago lost the title of the world's most powerful handgun to a long list of upstarts, it is still a very practical cartridge for self defense or hunting. For varmints, two or four legged, the various 125 grain jacketed hollow points are a good choice up to 1,500 to 1,600 fps, depending on barrel length. For larger coyote sized game, 140 to 158 grain bullets are more appropriate.

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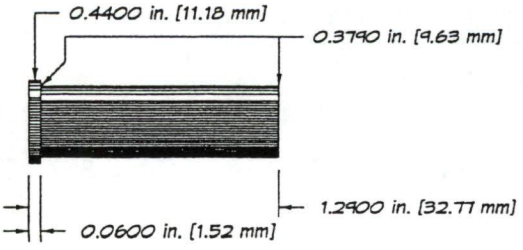

Case: WINCHESTER
Barrel: 10"
Twist: 1:18.75"
Primer: 1.285"
WINCHESTER SPM

Powder	Starting Loads Grs.	Vel.	Pressure	Maximum Loads Grs.	Vel.	Pressure
357 MAGNUM						
Case: WINCHESTER			Twist: 1:18.75"			
Barrel: 10"		Trim: 1.285"	Primer: WINCHESTER SPM			
Bullet: 110 GR. HDY XTP			**Dia.: .357" COL: 1.590"**			
H4227	18.9	1774	29,600 CUP	21.0	1900	35,500 CUP
H110	22.0	1992	32,400 CUP	23.0	2078	37,200 CUP
HS-6	10.3	1614	32,600 CUP	11.5	1776	42,300 CUP
UNIVERSAL	7.5	1465	35,100 CUP	8.0	1536	40,000 CUP
HP-38	8.0	1541	36,200 CUP	9.0	1652	42,500 CUP
TITEGROUP	7.2	1509	35,000 CUP	8.0	1614	41,500 CUP
Bullet: 125 GR. CAST LRNFP					**Dia.: .358"**	
COL: 1.580"						
UNIVERSAL	4.8	1046	11,000 CUP	6.8	1401	34,200 CUP
HP-38	4.6	1052	13,800 CUP	5.5	1185	18,800 CUP
TITEGROUP	4.0	1055	13,800 CUP	5.4	1274	22,800 CUP
CLAYS	3.5	984	11,900 CUP	5.3	1260	33,000 CUP
Bullet: 125 GR. HDY XTP			**Dia.: .357" COL: 1.590"**			
H4227	18.0	1692	34,400 CUP	20.0	1839	42,000 CUP
H110	21.0	1881	38,400 CUP	22.0	1966	41,400 CUP
HS-6	9.8	1493	34,400 CUP	10.9	1629	42,100 CUP
UNIVERSAL	7.1	1394	34,900 CUP	7.6	1453	39,600 CUP
HP-38	7.3	1335	33,800 CUP	8.5	1514	42,700 CUP
TITEGROUP	6.8	1425	36,500 CUP	7.5	1497	41,200 CUP
Bullet: 135 GR. CAST LRNFP					**Dia.: .358"**	
COL: 1.580"						
UNIVERSAL	4.8	986	11,700 CUP	6.5	1314	27,800 CUP
HP-38	4.1	946	11,700 CUP	5.3	1027	19,400 CUP
TITEGROUP	3.5	906	13,100 CUP	5.2	1186	24,500 CUP
CLAYS	3.4	914	12,200 CUP	5.1	1207	30,200 CUP
Bullet: 140 GR. HDY XTP			**Dia.: .357" COL: 1.590"**			
H4227	16.2	1541	33,100 CUP	18.0	1685	42,600 CUP
H110	17.1	1597	28,400 CUP	19.0	1762	40,900 CUP
HS-6	9.5	1411	35,800 CUP	10.5	1539	43,000 CUP
UNIVERSAL	6.5	1218	34,800 CUP	7.0	1299	40,200 CUP
HP-38	6.5	1219	30,800 CUP	7.7	1378	41,900 CUP
TITEGROUP	6.3	1262	35,600 CUP	7.0	1376	41,900 CUP

NEVER **EXCEED MAXIMUM LOADS.**

Powder	Starting Loads Grs.	Vel.	Pressure	Maximum Loads Grs.	Vel.	Pressure
Bullet: 146 GR. SPR JHP			**Dia.: .357" COL: 1.535"**			
H4227	14.5	1440	34,300 CUP	16.0	1566	42,700 CUP
H110	15.5	1512	29,200 CUP	17.2	1691	42,600 CUP
HS-6	8.5	1330	32,900 CUP	9.5	1461	41,800 CUP
UNIVERSAL	6.0	1160	33,500 CUP	6.5	1261	39,900 CUP
HP-38	6.0	1176	32,100 CUP	7.1	1330	42,200 CUP
TITEGROUP	5.9	1223	34,600 CUP	6.6	1317	42,900 CUP
Bullet: 148 GR. HDY LHBWC			**Dia.: .358" COL: 1.290"**			
UNIVERSAL	3.5	880	13,700 CUP	4.0	989	17,700 CUP
HP-38	3.0	845	14,300 CUP	3.4	908	17,600 CUP
TITEGROUP	2.9	830	14,700 CUP	3.3	909	18,900 CUP
Bullet: 150 GR. NOS JFP			**Dia.: .357" COL: 1.590"**			
H4227	15.0	1485	33,100 CUP	16.5	1583	36,700 CUP
H110	16.0	1509	23,600 CUP	17.0	1606	28,900 CUP
HS-6	9.0	1296	31,500 CUP	9.7	1416	39,900 CUP
UNIVERSAL	6.2	1184	32,800 CUP	6.7	1255	39,900 CUP
HP-38	6.5	1216	35,800 CUP	7.0	1269	39,700 CUP
TITEGROUP	6.1	1212	33,800 CUP	6.8	1320	40,900 CUP
Bullet: 158 GR. CAST LSWC			**Dia.: .358" COL: 1.610"**			
HS-6	6.0	990	12,900 CUP	7.0	1106	15,500 CUP
UNIVERSAL	4.0	890	15,700 CUP	6.2	1247	33,400 CUP
HP-38	3.4	796	12,600 CUP	5.0	1109	23,900 CUP
TITEGROUP	4.5	1028	19,300 CUP	5.0	1108	24,900 CUP
CLAYS	3.2	867	14,400 CUP	4.6	1079	33,600 CUP
Bullet: 158 GR. HDY XTP			**Dia.: .357" COL: 1.580"**			
H4227	14.5	1402	34,600 CUP	16.0	1520	42,600 CUP
H110	15.0	1418	28,600 CUP	16.7	1591	40,700 CUP
LIL'GUN	16.0	1504	24,100 CUP	18.0	1577	25,800 CUP
HS-6	8.0	1182	28,000 CUP	9.5	1375	41,900 CUP
UNIVERSAL	5.8	1026	32,100 CUP	6.3	1133	39,300 CUP
HP-38	6.2	1108	33,700 CUP	6.9	1220	40,000 CUP
TITEGROUP	5.4	1135	32,600 CUP	6.1	1229	41,900 CUP

NEVER EXCEED MAXIMUM LOADS.

Powder	Starting Loads Grs.	Vel.	Pressure	Maximum Loads Grs.	Vel.	Pressure
Bullet: 170 GR. SIE JHC			**Dia.: .357" COL: 1.580"**			
H4227	13.0	1272	32,300 CUP	14.5	1395	41,200 CUP
H110	14.0	1328	25,900 CUP	15.5	1497	40,800 CUP
LIL'GUN	15.0	1422	25,100 CUP	17.0	1576	35,500 CUP
HS-6	8.0	1181	30,900 CUP	9.2	1321	42,900 CUP
TITEGROUP	5.4	1031	34,700 CUP	6.0	1156	41,800 CUP
Bullet: 180 GR. NOS PART			**Dia.: .357" COL: 1.575"**			
H4227	12.7	1247	36,900 CUP	13.7	1308	40,900 CUP
H110	13.0	1352	36,800 CUP	13.5	1396	39,100 CUP
LIL'GUN	13.0	1279	27,500 CUP	15.0	1422	34,500 CUP
TITEGROUP	5.0	948	38,100 CUP	5.5	1020	40,300 CUP

NEVER **EXCEED MAXIMUM LOADS.**

SHOOTER'S LOG

357 MAGNUM

Considering the popularity of the 357 Magnum as a revolver cartridge, it was only natural that a number of shooters would appreciate a carbine or rifle chambered for the same cartridge. Even in a longer rifle or carbine barrel, however, it is not a big game cartridge – mostly because the vast majority of revolver bullets are not suitable for deer sized game at higher impact velocity. Conversely, .358 inch rifle bullets are, as a rule, designed to withstand much higher impact velocity and, as such, won't expand at the run-of-the-mill impact velocities produced by the 357 Magnum.

All that aside, a 357 Magnum rifle or carbine is handy to have around for smaller game or critters up to the size of coyotes. As a rule, handloads in rifles should not exceed the pressure limitation for revolvers, or upwards of 45,000 CUP. Longer barrels offer enough velocity increase that there is no real need to horse this little cartridge up to higher pressure levels.

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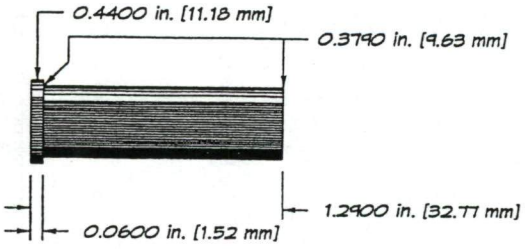


WINCHESTER
18.5"

1:18.75"
1.285"

WINCHESTER SPM

357 MAGNUM

Case: WINCHESTER Twist: 1:18.75"
Barrel: 18.5" Trim: 1.285" Primer: WINCHESTER SPM

Powder	Starting Loads Grs.	Vel.	Pressure	Maximum Loads Grs.	Vel.	Pressure
Bullet: 110 GR. HDY XTP			**Dia.: .357" COL: 1.590"**			
H4227	18.9	2072	29,600 CUP	21.0	2233	35,500 CUP
H110	22.0	2291	32,400 CUP	23.0	2398	37,200 CUP
HS-6	10.3	1669	32,600 CUP	11.5	1830	42,300 CUP
UNIVERSAL	7.5	1585	35,100 CUP	8.0	1670	40,000 CUP
HP-38	8.0	1662	36,200 CUP	9.0	1782	42,500 CUP
TITEGROUP	7.2	1612	35,000 CUP	8.0	1746	41,500 CUP
Bullet: 125 GR. HDY XTP			**Dia.: .357" COL: 1.590"**			
H4227	18.0	1955	34,400 CUP	20.0	2122	42,000 CUP
H110	21.0	2205	38,400 CUP	22.0	2276	41,400 CUP
HS-6	9.8	1538	34,400 CUP	10.9	1724	42,100 CUP
UNIVERSAL	7.1	1423	34,900 CUP	7.6	1526	39,600 CUP
HP-38	7.3	1454	33,800 CUP	8.5	1622	42,700 CUP
TITEGROUP	6.8	1461	36,500 CUP	7.5	1586	41,200 CUP
Bullet: 140 GR. HDY XTP			**Dia.: .357" COL: 1.590"**			
H4227	16.2	1798	33,100 CUP	18.0	1930	42,600 CUP
H110	17.1	1836	28,400 CUP	19.0	1997	40,900 CUP
HS-6	9.5	1497	35,800 CUP	10.5	1613	43,000 CUP
UNIVERSAL	6.5	1282	34,800 CUP	7.0	1356	40,200 CUP
HP-38	6.5	1324	30,800 CUP	7.7	1447	41,900 CUP
TITEGROUP	6.3	1325	35,600 CUP	7.0	1425	41,900 CUP
Bullet: 150 GR. NOS JFP			**Dia.: .357" COL: 1.590"**			
H4227	15.0	1663	33,100 CUP	16.5	1775	36,700 CUP
H110	16.0	1766	23,600 CUP	17.0	1807	28,900 CUP
HS-6	9.0	1449	31,500 CUP	9.7	1503	39,900 CUP
UNIVERSAL	6.2	1096	32,800 CUP	6.7	1323	39,900 CUP
HP-38	6.5	1261	35,800 CUP	7.0	1356	39,700 CUP
TITEGROUP	6.1	1291	33,800 CUP	6.8	1429	40,900 CUP

(RIFLE DATA)

NEVER EXCEED MAXIMUM LOADS.

.357 MAGNUM - HODGDON POWDERS

Powder	Starting Loads Grs.	Vel.	Pressure	Maximum Loads Grs.	Vel.	Pressure
Bullet: 158 GR. HDY XTP			**Dia.: .357" COL: 1.580"**			
H4227	14.5	1578	34,600 CUP	16.0	1668	42,600 CUP
H110	15.0	1619	28,600 CUP	16.7	1757	40,700 CUP
HS-6	8.0	1181	28,000 CUP	9.5	1427	41,900 CUP
UNIVERSAL	5.8	1059	32,100 CUP	6.3	1147	39,300 CUP
HP-38	6.2	1095	33,700 CUP	6.9	1214	40,000 CUP
TITEGROUP	5.4	1035	32,600 CUP	6.1	1184	41,900 CUP
Bullet: 158 GR. LSWC			**Dia.: .358" COL: 1.610"**			
H4227	10.5	1288	15,400 CUP	11.5	1382	17,800 CUP
HS-6	6.0	1083	12,900 CUP	7.0	1224	15,500 CUP
UNIVERSAL	5.5	1214	23,300 CUP	6.7	1380	34,600 CUP
HP-38	3.5	901	8,400 CUP	4.5	1059	16,200 CUP
TITEGROUP	4.5	1157	19,300 CUP	5.0	1220	24,900 CUP
Bullet: 170 GR. SIE JHC			**Dia.: .357" COL: 1.580"**			
H4227	13.0	1442	32,300 CUP	14.5	1535	41,200 CUP
H110	14.0	1537	25,900 CUP	15.5	1662	40,800 CUP
HS-6	8.0	1243	30,900 CUP	9.2	1424	42,900 CUP
TITEGROUP	5.4	1177	34,700 CUP	6.0	1270	41,800 CUP
Bullet: 180 GR. NOS PART			**Dia.: .357" COL: 1.575"**			
H4227	12.7	1185	36,900 CUP	13.7	1325	40,900 CUP
H110	13.0	1324	36,800 CUP	13.5	1381	39,100 CUP

(RIFLE LOADS)

NEVER **EXCEED MAXIMUM LOADS.**

Introduction

There has been a re-evaluation of the criteria for selecting data for inclusion. This means there will be some disagreement with previous data. The data in this guide takes precedence over **all** prior publications. ***Previous editions of this loading guide should be discarded.***

For instance, we left out load combinations that were 'position sensitive'. This is what occurs when the load density is low. Velocity with the powder at the bullet is different from the velocity with the powder at the primer. More of these were noted with the ball propellants than with the extruded propellants.

In light of the growth of IPSC shooting, 38 Super Auto loads that make the 'major' classification (bullet weight x velocity = 175,000) are identified. While we have tested many combinations of components in 9mm Luger to attempt to meet 'major' requirements, we have not been able to find a load that makes the power floor for 'major' without exceeding SAAMI pressure recommendations. And while we were able to find loads for 38 Super Auto, they were not with lighter bullets. Turn to the data section for specific details.

In the charge tables, the 'START' charge listed for each load is our suggested beginning point with the components listed. There is the possibility that changing the named components could cause the maximum charge to be excessive, thus a reduction of the charge would be necessary. Some batches of military brass may require reducing the maximum charge by 8-12% to keep chamber pressure in line.

If you find signs of excessive pressure while using loads in this loading guide, STOP TESTING and verify all data and loading procedures. If they seem to be in order, check with our lab facility before proceeding.

Charge weights were obtained using industry standard pressure barrels. When time permitted, off-the-shelf weapons were used to obtain velocity figures. The guns used are noted.

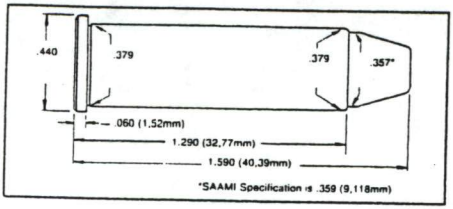
In reloading, the prime concern should always be SAFETY. **Always** wear eye protection when reloading, even when working with the 'non-volatile' components. **Always** keep the reloading area clean. **Never** have more than one propellant within easy reach at any given time. Avoid having similar looking bullets of different weights on the bench at the same time. Read the safety notes before loading.

We have not found magnum primers to offer any particular advantage with our handgun powders. But, there are some rifle cartridges where they were used.

Handgun loads using the slower powders (No.7, No.9, and 1680) require heavy crimp and high bullet pull to insure consistency - particularly with cast bullet loads or in extremely cold weather. Be sure your dies are capable of this, otherwise the consistency of the load will be affected.

In the text, bullet weights for cast bullets - identified by (L) are actual weights, not the nominal weights.

.357 MAGNUM



Introduced in 1935 by S&W for their large frame revolver, the .357 Magnum is based on the .38 Special case lengthened 1/10th of an inch so it could not be chambered in a standard .38 Special revolver.

The .357 Magnum was the most powerful handgun cartridge for nearly 20 years, until the arrival of the .44 Magnum. The .357 Magnum has been chambered in almost countless revolvers.

While it has been used successfully on deer, black bear, and even larger game animals, the .357 Magnum cannot really be recommended for these animals unless ranges are 100 yards or less and it is used by a skilled hunter. Within these limitations, it can be quite effective on deer-sized big game.

The .357 Magnum is easy to handload, even with cast bullets. There is a wide variety of cast bullet designs available to the handloader.

The SAAMI Maximum Average Pressure for the .357 Magnum is 45,000 C.U.P. or 35,000 P.S.I. (Note: Most of this data is new and has been reshot using Copper Units of Pressure.)

.357 MAGNUM

Gun	Test Barrel	Max Length	1.290"
Barrel Length	8"	Trim Length	1.270"
Primer	CCI 500	OAL Max	1.590"
Case	REM	OAL Min	1.540"

Bullet	START LOADS Powder	Grains	Vel.	MAXIMUM LOADS Powder	Grains	Vel.	Pressure C.U.P.	Cartridge Length	Comment
150 (L) RN	No.2	5.9	1097	No.2	6.5	1247	43,800	1.655"**	Penny's
	No.5	8.5	1250	No.5	9.4	1422	41,900		
	No.7	10.3	1297	No.7	11.4	1474	44,000		
	No.9	12.9	1375	No.9	14.3	1562	42,100		
158 (L) SWC	No.2	5.2	1011	No.2	5.8	1149	40,400	1.590"	Bull-X
	No.5	8.1	1192	No.5	9.0	1354	39,100		
	No.7	9.9	1243	No.7	11.0	1413	42,600		
	No.9	12.2	1319	No.9	13.5	1499	41,300		
173 (L) SWC	No.2	5.0	885	No.2	5.5	1006	41,100	1.660"**	LY 358429
	No.5	8.6	1198	No.5	9.5	1361	43,500		
	No.7	9.5	1198	No.7	10.6	1361	41,600		
	No.9	12.2	1302	No.9	13.5	1480	42,700		
	5744	13.0	1197	5744	14.5	1361	34,400***		

.357 MAGNUM - ACCURATE POWDERS

Bullet	START LOADS Powder	Grains	Vel.	MAXIMUM LOADS Powder	Grains	Vel.	Pressure C.U.P.	Cartridge Length	Comment
180 (L) TCGC *	No.2	4.9	786	No.2	5.4	894	42,500	1.675" **	RCBS
	No.5	7.7	1101	No.5	8.5	1251	42,300		
	No.7	9.0	1121	No.7	10.0	1274	43,400		
	No.9	11.3	1204	No.9	12.6	1368	40,200		
	5744	11.7	1083	5744	13.0	1231	33,500***		
SPR 110 JHP	No.2	7.6	1475	No.2	8.4	1676	44,100	1.575"	
	No.5	10.8	1619	No.5	12.0	1840	41,600		
	No.7	12.6	1628	No.7	14.0	1850	41,700		
	No.9	16.6	1765	No.9	18.4	2006	43,700		
HDY 125 XTP	No.2	7.2	1370	No.2	8.0	1557	43,800	1.575"	
	No.5	10.4	1521	No.5	11.5	1728	42,800		
	No.7	11.9	1527	No.7	13.2	1735	42,700		
	No.9	15.3	1647	No.9	17.0	1872	45,100		
RAN 125 FP	No.2	6.2	1223	No.2	6.8	1390	32,100***	1.535"	
	No.5	8.0	1313	No.5	8.9	1493	32,200***		
	No.7	10.1	1388	No.7	11.2	1578	33,500***		
	No.9	11.8	1434	No.9	13.1	1630	32,200***		
SPR 140 JHP	No.2	6.7	1258	No.2	7.4	1429	43,900	1.575"	
	No.5	9.9	1436	No.5	11.0	1632	43,200		
	No.7	11.0	1408	No.7	12.2	1600	43,600		
	No.9	13.9	1495	No.9	15.4	1699	43,100		
NOS 150 SP	No.2	6.5	1180	No.2	7.2	1343	45,000	1.590"	
	No.5	9.5	1302	No.5	10.5	1480	42,700		
	No.7	11.8	1371	No.7	12.0	1558	43,400		
	No.9	13.7	1466	No.9	15.2	1666	43,000		
HDY 158 XTP	No.2	5.9	1109	No.2	6.6	1260	44,200	1.580"	
	No.5	8.8	1279	No.5	9.8	1453	43,500		
	No.7	10.3	1429	No.7	11.4	1624	43,900		
	No.9	13.5	1437	No.9	15.0	1633	44,900		
	5744	13.0	1203	5744	14.5	1368	31,600***		
RAN 158 RN	No.2	5.2	1006	No.2	5.8	1144	31,900***	1.555"	
	No.5	7.2	1154	No.5	8.0	1312	34,300***		
	No.7	8.8	1182	No.7	9.8	1344	34,500***		
	No.9	10.4	1224	No.9	11.6	1392	33,900***		
RAN 158 HP	No.2	5.2	990	No.2	5.8	1126	32,900***	1.545"	
	No.5	7.0	1064	No.5	7.8	1210	31,700***		
	No.7	9.0	1144	No.7	10.0	1300	35,000***		
	No.9	10.7	1232	No.9	11.9	1401	35,000***		
RAN 158 FP	No.2	5.2	986	No.2	5.8	1121	31,200***	1.550"	
	No.5	7.2	1107	No.5	8.0	1259	31,700***		
	No.7	9.1	1180	No.7	10.1	1342	34,100***		
	No.9	10.7	1236	No.9	11.9	1405	34,100***		
SRA 170 FMJ	No.2	5.4	1037	No.2	6.0	1178	44,200	1.565"	
	No.5	8.3	1222	No.5	9.2	1389	44,100		
	No.7	9.5	1207	No.7	10.5	1370	44,600		
	No.9	12.2	1304	No.9	13.5	1482	45,000		

.357 MAGNUM (continued)

Bullet	START LOADS Powder	Grains	Vel.	MAXIMUM LOADS Powder	Grains	Vel.	Pressure C.U.P.	Cartridge Length	Comment
HDY 180 XTP	**No.2**	5.4	980	**No.2**	6.0	1114	43,900	1.575"	
	No.5	8.3	1167	**No.5**	9.2	1326	44,300		
	No.7	9.3	1170	**No.7**	10.3	1329	43,600		
	No.9	11.7	1265	**No.9**	13.0	1437	43,000		
	5744	11.7	1052	**5744**	13.0	1196	34,900***		
Shot Capsules**									
105 SC	**No.5**	6.3	1059	**No.5**	7.0	1204	24,200		

* For use in T/C Only
** Over SAAMI MAX OAL
*** Pressure Data in P.S.I.
**** Shot Capsules using 105 grains of No.9 Shot

.357 MAGNUM TARGET LOADS

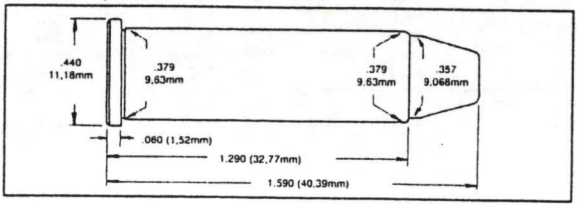
Bullet	LOADING DATA Powder	Grains	Vel.	P.S.I.	Cartridge Length	Comment
148 (L) DEWC	**No.2**	3.0	746	15,000	1.370"	
	No.2	4.0	919	20,300		
148 (L) HBWC	**No.2**	2.5	645	13,500	1.320"	
	No.2	4.0	913	22,700		
158 (L) SWC	**No.2**	4.0	864	20,000	1.510"	
	No.2	5.0	1008	25,500		

DESERT EAGLE

Bullet	START LOADS Powder	Grains	Vel.	MAXIMUM LOADS Powder	Grains	Vel.	Pressure C.U.P.	Cartridge Length	Comment
NOS 150 JSP	**No.9**	13.7	1466	**No.9**	15.2	1666	43,000	1.590"	
HDY 158 XTP	**No.9**	13.5	1437	**No.9**	15.0	1633	44,900	1.580"	
SRA 170 FMJ	**No.9**	12.2	1304	**No.9**	13.5	1482	45,000	1.565"	
HDY 180 XTP	**No.9**	11.7	1265	**No.9**	13.0	1437	43,000	1.575"	

.357 MAGNUM

Continuing the American frontier tradition of having both a handgun and a short, handy rifle chambered for the same cartridge, various manufacturers are producing lever action carbines chambered for the .357 Magnum cartridge.



Even when chambered in a rifle, the .357 Magnum must be considered marginal for deer-sized game and can only be recommended for use by the experienced hunter.

As a cartridge/rifle combination for informal target shooting, the .357 Magnum is an excellent choice.

The SAAMI Maximum Average Pressure for the .357 Magnum is 45,000 C.U.P.

Note: This new data has been reshot using Copper Units of Pressure.

.357 MAGNUM

Gun	Test Barrel	Max Length	1.290"
Barrel Length	20"	Trim Length	1.270"
Primer	CCI 500	OAL Max	1.590"
Case	REM	OAL Min	1.540"

Bullet	START LOADS Powder	Grains	Vel.	MAXIMUM LOADS Powder	Grains	Vel.	C.U.P.	Cartridge Length	Comment
150 (L) RN	No.2	5.9	1265	No.2	6.5	1438	43,800	1.655" *	Penny's
	No.5	8.5	1431	No.5	9.4	1627	41,900		
	No.7	10.3	1476	No.7	11.4	1677	44,000		
	No.9	12.9	1643	No.9	14.3	1868	42,100		
158 (L) SWC	No.2	5.2	1162	No.2	5.8	1321	40,400	1.600"	Penny's
	No.5	8.1	1349	No.5	9.0	1533	39,100		
	No.7	9.9	1450	No.7	11.0	1648	42,600		
	No.9	12.2	1544	No.9	13.5	1755	41,300		
SPR 110 JHP	No.2	7.6	1814	No.2	8.4	2063	44,100	1.575"	
	No.5	10.8	2007	No.5	12.0	2281	41,600		
	No.7	12.6	2019	No.7	14.0	2294	41,700		
	No.9	16.6	2171	No.9	18.4	2467	43,700		

(RIFLE LOADS)

.357 MAGNUM - ACCURATE POWDERS

Bullet	START LOADS Powder	Grains	Vel.	MAXIMUM LOADS Powder	Grains	Vel.	C.U.P.	Cartridge Length	Comment
HDY 125 XTP	**No.2**	7.2	1603	**No.2**	8.0	1822	43,800	1.575*	
	No.5	10.4	1814	**No.5**	11.5	2063	42,800		
	No.7	11.9	1878	**No.7**	13.2	2134	42,700		
	No.9	15.3	2026	**No.9**	17.0	2302	45,100		
SPR 140 JHP	**No.2**	6.7	1486	**No.2**	7.4	1689	43,900	1.575*	
	No.5	9.9	1734	**No.5**	11.0	1970	43,200		
	No.7	11.0	1709	**No.7**	12.2	1942	43,600		
	No.9	13.9	1821	**No.9**	15.4	2069	43,100		
NOS 150 SP	**No.2**	6.5	1377	**No.2**	7.2	1565	45,000	1.590*	
	No.5	9.5	1589	**No.5**	10.5	1806	42,700		
	No.7	10.8	1622	**No.7**	12.0	1846	43,400		
	No.9	13.7	1756	**No.9**	15.2	1998	43,000		
HDY 158 XTP	**No.2**	5.9	1267	**No.2**	6.6	1440	44,200	1.580*	
	No.5	8.8	1527	**No.5**	9.8	1735	43,500		
	No.7	10.3	1675	**No.7**	11.4	1903	43,900		
	No.9	13.5	1727	**No.9**	15.0	1963	44,900		
HDY 180 XTP	**No.2**	5.4	1118	**No.2**	6.0	1270	43,900	1.575*	
	No.5	8.3	1365	**No.5**	9.2	1551	44,300		
	No.7	9.3	1385	**No.7**	10.3	1574	43,600		
	No.9	11.7	1522	**No.9**	13.0	1730	43,000		

* Over SAAMI Maximum OAL

SHOOTER'S LOG

.357 MAGNUM - ALLIANT POWDERS

ALLIANT

BARREL: 5.6" **PRIMER: FEDERAL 200**

POWDER	STARTING LOADS GRS.	VEL.	PRESSURE	MAXIMUM LOADS GRS.	VEL.	PRESSURE
BULLET: 110 GR. JHP			**DIA. .357"**			**C.O.L. 1.560"**
BLUE DOT				16.0	2040	33,800 PSI
HERCO				13.0	1885	33,300 PSI
POWER PISTOL				9.7	1690	34,000 PSI
UNIQUE				10.0	1735	34,100 PSI
BULLSEYE				9.0	1690	31,700 PSI
BULLET: 125 GR. JSP			**DIA. .357"**			**C.O.L. 1.570"**
2400				17.6	1810	31,800 PSI
BLUE DOT				14.5	1795	34,000 PSI
HERCO				9.8	1590	33,600 PSI
POWER PISTOL				9.2	1555	33,500 PSI
UNIQUE				9.6	1585	33,800 PSI
BULLSEYE				8.4	1550	32,800 PSI
BULLET: 148 GR. LWC			**DIA. .358"**			**C.O.L. 1.330"**
UNIQUE				6.4	1465	33,800 PSI
GREEN DOT				5.1	1310	34,000 PSI
RED DOT				4.6	1300	33,600 PSI
BULLSEYE				5.7	1475	34,000 PSI
BULLET: 148 GR. LWC (TGT)			**DIA. .358"**			**C.O.L. 1.330"**
UNIQUE				3.3	775	10,000 PSI
GREEN DOT				2.8	780	14,100 PSI
RED DOT				2.7	775	12,400 PSI
BULLSEYE				2.8	780	10,000 PSI
BULLET: 158 GR. JSP			**DIA. .357"**			**C.O.L. 1.575"**
2400				15.2	1535	33,100 PSI
BLUE DOT				10.7	1420	33,300 PSI
HERCO				8.2	1305	34,000 PSI
POWER PISTOL				8.0	1305	33,800 PSI
UNIQUE				7.8	1280	33,200 PSI
BULLSEYE				6.8	1250	33,100 PSI
BULLET: 158 GR. LSWC			**DIA. .358"**			**C.O.L. 1.580"**
2400				15.3	1620	34,000 PSI
BLUE DOT				10.3	1490	33,600 PSI
HERCO				7.9	1365	33,900 PSI
UNIQUE				6.8	1295	33,900 PSI
BULLSEYE				6.5	1320	33,900 PSI

ALLIANT CONTINUED

POWDER	STARTING LOADS GRS.	VEL.	PRESSURE	MAXIMUM LOADS GRS.	VEL.	PRESSURE
BULLET: 170 GR. FMJ			**DIA. .357"**			**C.O.L. 1.585"**
2400				12.1	1365	33,600 PSI
BLUE DOT				9.7	1310	33,800 PSI
HERCO				7.0	1175	33,500 PSI
POWER PISTOL				8.0	1195	33,300 PSI
UNIQUE				6.8	1175	33,600 PSI
BULLSEYE				6.2	1175	33,900 PSI
BULLET: 180 GR. JFP			**DIA. .357"**			**C.O.L. 1.580"**
2400				12.5	1300	32,700 PSI
BLUE DOT				9.7	1260	33,300 PSI
HERCO				7.2	1110	34,000 PSI
POWER PISTOL				7.0	1145	33,800 PSI
UNIQUE				7.0	1125	33,800 PSI
BULLSEYE				6.3	1135	34,000 PSI
BULLET: 200 GR. LRN			**DIA. .358"**			**C.O.L. 1.575"**
2400				10.0	1245	32,800 PSI
BLUE DOT				8.2	1225	33,900 PSI
HERCO				6.1	1105	33,900 PSI
UNIQUE				6.0	1105	33,900 PSI
BULLSEYE				5.3	1085	33,900 PSI

NEVER EXCEED MAXIMUM LOADS.

.357 MAGNUM - IMR POWDERS

IMR

CASE: REMINGTON **BARREL: 6"** **PRIMER: REMINGTON 5 1/2**

BULLET: 110 GR. HDY JHP	**DIA. .357"**		**C.O.L. 1.590"**
IMR 4227	21.0 C	1510	35,600 CUP
"HI-SKOR" 800-X	10.9	1475	33,600 CUP
SR 4756	9.5	1330	35,800 CUP
BULLET: 125 GR. REM JHP	**DIA. .357"**		**C.O.L. 1.580"**
IMR 4227	18.5 C	1325	35,400 CUP
"HI-SKOR" 800-X	10.2	1360	35,300 CUP
SR 4756	8.6	1180	35,800 CUP
BULLET: 140 GR. SPR JHP	**DIA. .357"**		**C.O.L. 1.590"**
IMR 4227	17.2	1210	35,700 CUP
"HI-SKOR" 800-X	9.7	1230	35,200 CUP
SR 4756	8.2	1025	35,500 CUP

SHOOTER'S LOG

NEVER EXCEED MAXIMUM LOADS.

IMR CONTINUED

POWDER	STARTING LOADS GRS.	VEL.	PRESSURE	MAXIMUM LOADS GRS.	VEL.	PRESSURE
BULLET: 146 GR. SPR JHP			**DIA. .357"**			**C.O.L. 1.500"**
IMR 4227				14.9	1100	35,400 CUP
"HI-SKOR" 800-X				9.2	1215	36,000 CUP
SR 4756				7.9	1060	36,000 CUP
BULLET: 148 GR. REM LWC			**DIA. .358"**			**C.O.L. 1.325"**
"HI-SKOR" 800-X				4.5	715	14,100 CUP
SR 7625				3.5	705	9,100 CUP
PB				3.3	705	10,500 CUP
"HI-SKOR" 700-X				3.0	705	14,900 CUP
BULLET: 158 GR. REM JHP			**DIA. .357"**			**C.O.L. 1.580"**
IMR 4227				15.3 C	1075	36,000 CUP
"HI-SKOR" 800-X				8.6	1080	35,400 CUP
SR 4756				7.5	940	35,700 CUP
BULLET: 158 GR. REM LSWC			**DIA. .358"**			**C.O.L. 1.580"**
IMR 4227				15.8	1205	35,800 CUP
"HI-SKOR" 800-X				8.9	1215	36,000 CUP
SR 4756				7.7	1110	35,800 CUP
SR 7625				6.5	1020	35,800 CUP
BULLET: 170 GR. SIE FMJ			**DIA. .357"**			**C.O.L. 1.580"**
IMR 4227				13.7	985	35,500 CUP
"HI-SKOR" 800-X				8.3	1030	35,500 CUP
SR 4756				7.1	885	35,600 CUP

NEVER EXCEED MAXIMUM LOADS.

.357 MAGNUM - IMR POWDERS

IMR

CASE: REMINGTON	BARREL: 18.5"		PRIMER: REMINGTON 5 1/2
BULLET: 125 GR. HDY HP	**DIA. .357"**		**C.O.L. 1.590"**
IMR 4227	20.0 C	1935	34,100 CUP
SR 4756	9.2	1615	35,800 CUP
BULLET: 158 GR. HDY HP	**DIA. .357"**		**C.O.L. 1.590"**
IMR 4227	16.3 C	1605	34,900 CUP
SR 4756	8.0	1340	36,000 CUP

NEVER EXCEED MAXIMUM LOADS.

(RIFLE LOADS)

.357 MAGNUM - SCOT POWDERS

ROYAL SCOT

Powder Charge	Bullet Weight & Type	Muzzle Velocity
7.7 grains	110 grain Speer JHP	1,466 fps
7.0 grains	125 grain Hornady JFP	1,331 fps
6.5 grains	140 grain Speer JHP	1,229 fps
3.6 grains	148 grain Lead WC Target	912 fps
4.3 grains	148 grain Lead WC	1,039 fps
5.9 grains	158 grain Hornady JFP	1,093 fps
5.4 grains	158 grain Lead SWC	1,104 fps
5.2 grains	170 grain Sierra FMJ	927 fps

PEARL SCOT

Powder Charge	Bullet Weight & Type	Muzzle Velocity
9.0 grains	110 grain Speer JHP	1,582 fps
8.4 grains	125 grain Hornady JFP	1,455 fps
7.4 grains	140 grain Speer JHP	1,287 fps
4.0 grains	148 grain Lead WC Target	918 fps
5.0 grains	148 grain Lead WC	1,109 fps
6.7 grains	158 grain Hornady JFP	1,196 fps
6.5 grains	158 grain Lead SWC	1,222 fps
6.0 grains	170 grain Sierra FMJ	1,044 fps

SOLO 1000

Powder Charge	Bullet Weight & Type	Muzzle Velocity
7.8 grains	110 grain Speer JHP	1,491 fps
7.4 grains	125 grain Hornady JFP	1,357 fps
6.6 grains	140 grain Speer JHP	1,215 fps
3.7 grains	148 grain Lead WC Target	900 fps
4.4 grains	148 grain Lead WC	1,042 fps

.357 MAGNUM - SCOT POWDERS

SOLO 1000 (Con't)

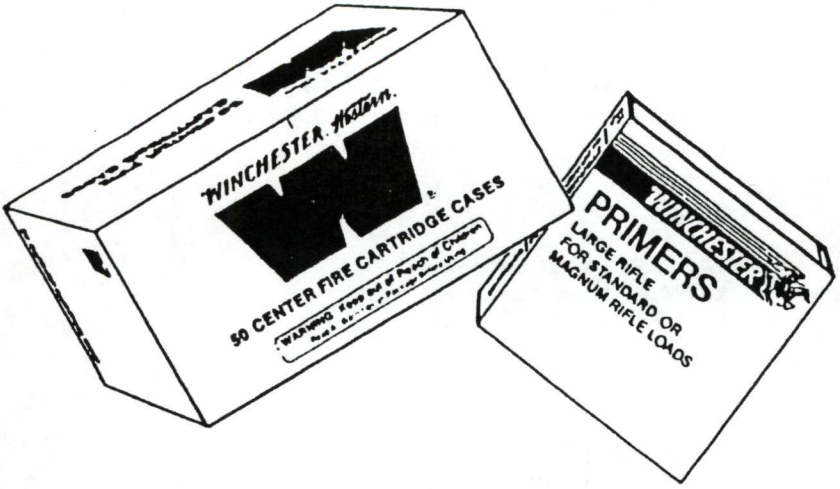
Powder Charge	Bullet Weight & Type	Muzzle Velocity
6.0 grains	158 grain Hornady JFP	1,071 fps
5.7 grains	158 grain Lead SWC	1,126 fps
5.4 grains	170 grain Sierra FMJ	895 fps

SOLO 1250

Powder Charge	Bullet Weight & Type	Muzzle Velocity
9.4 grains	110 grain Speer JHP	1,607 fps
8.7 grains	125 grain Hornady JFP	1,448 fps
8.0 grains	140 grain Speer JHP	1,323 fps
4.2 grains	148 grain Lead WC Target	913 fps
5.5 grains	148 grain Lead WC	1,180 fps
7.2 grains	158 grain Hornady JFP	1,210 fps
7.0 grains	158 grain Lead SWC	1,263 fps
6.5 grains	170 grain Sierra FMJ	1,047 fps

SOLO 1500

Powder Charge	Bullet Weight & Type	Muzzle Velocity
11.6 grains	110 grain Speer JHP	1,702 fps
10.9 grains	125 grain Hornady JFP	1,613 fps
10.0 grains	140 grain Speer JHP	1,446 fps
5.3 grains	148 grain Lead WC Target	924 fps
7.0 grains	148 grain Lead WC	1,269 fps
9.2 grains	158 grain Hornady JFP	1,365 fps
8.7 grains	158 grain Lead SWC	1,377 fps
8.4 grains	170 grain Sierra FMJ	1,237 fps



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U22H	22 Hornet	U300	300 Savage
U22250	22-250 Rem.	U307	307 Win.
U220S	220 Swift	U308	308 Win.
U223R	223 Rem.	U3220	32-20 Win.
U225	225 Win.	U338	338 Win.Mag.
U243	243 Win.	U348	348 Win
U6MMR	6mm Rem.	U356	356 Win.
U2520	25-20 Win.	U358	358 Win.
U2506	25-06 Rem.	U375H	375 H&H Mag.
U257P	257 Roberts +P	U375W	375 Win.
U264	264 Win. Mag.	U4440	44-40 Win.
U270	270 Win.	U44M	44 Rem. Mag.
U284	284 Win.	U4570	45-70 Govt.
U7MM	7mm Mauser	U458	458 Win. Mag.
U3006	30-06 Springfield		
U3040	30-40 Krag		
U300WM	300 Win. Mag.		

.357 MAGNUM - WINCHESTER POWDERS

WINCHESTER

CASE: WINCHESTER **BARREL: 8.375"** **PRIMER: WINCHESTER SPM**

BULLET: 110 GR. WIN JHP	DIA. .356"	C.O.L. 1.590" MAX	
231	8.8	1575	42,500 CUP
BULLET: 125 GR. WIN JHP	**DIA. .356"**	**C.O.L. 1.590" MAX**	
296*	18.5	1800	32,500 CUP
231	8.1	1460	42,500 CUP
BULLET: 148 GR. WIN LBBWC	**DIA. .358"**	**C.O.L. 1.590" MAX**	
231	3.4	880	19,500 CUP

*** DO NOT reduce powder charge with 296 Powder. Any further reduction in powder charge or change in components can cause dangerous pressures.**

NEVER **EXCEED MAXIMUM LOADS.**

WINCHESTER CONTINUED

POWDER	STARTING LOADS GRS.	VEL.	PRESSURE	MAXIMUM LOADS GRS.	VEL.	PRESSURE
BULLET: 150 GR. WIN LEAD			**DIA. .358"**			**C.O.L. 1.590" MAX**
296*				14.0	1510	32,000 CUP
231				6.9	1305	42,000 CUP
BULLET: 158 GR. WIN JHP			**DIA. .356"**			**C.O.L. 1.590" MAX**
296*				16.6	1610	39,500 CUP
231				6.9	1260	42,000 CUP
BULLET: 158 GR. WIN LEAD			**DIA. .358"**			**C.O.L. 1.590" MAX**
296*				14.5	1560	38,000 CUP
231				6.7	1275	42,500 CUP
BULLET: 170 GR. WIN FMJ			**DIA. .356"**			**C.O.L. 1.590" MAX**
296*				14.3	1390	42,000 CUP

*** DO NOT reduce powder charge with 296 Powder. Any further reduction in powder charge or change in components can cause dangerous pressures.**

NEVER **EXCEED MAXIMUM LOADS.**

.357 MAGNUM - 3 D AMMUNITION

231

Powder Charge	*Bullet Weight & Type*	*Muzzle Velocity*
5.5 grains	158 grain Lead SWC	1,000 fps

UNIQUE

Powder Charge	*Bullet Weight & Type*	*Muzzle Velocity*
6.0 grains	158 grain Lead SWC	968 fps

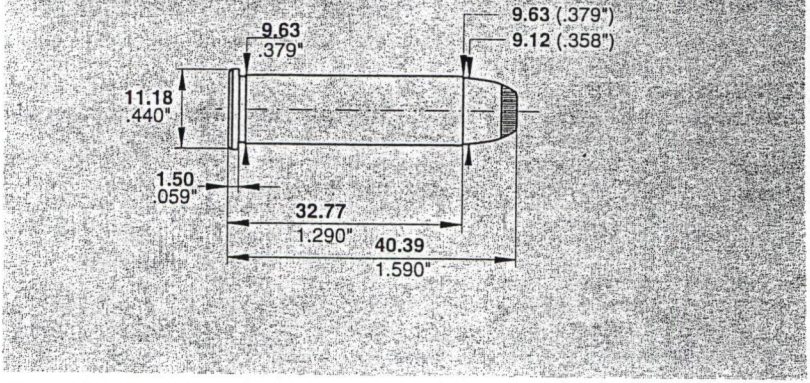
= WARNING =

3D Ammunition and Bullets cannot anticipate all conditions under which this information and our products or the products of other manufacturers in combination with our products may be used. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products in combination with other products.

SHOOTER'S LOG

.357 Magnum

CIP max. dimensions in millimetres, SAAMI in inches



Country of origin:	**USA**
Year of introduction:	**1935**
Max. bullet diameter:	**9.12 mm (.358")**
Max. cartridge length:	**40.39 mm (1.590")**
Max. shell length:	**32.77 mm (1.290"), trim to 32.60 mm (1.280")**
Max. CIP piezo pressure:	**320 MPa (46400 psi)**

The .357 Magnum was first introduced by Smith & Wesson in 1935. The goal of the new design was to improve the .38 Special cartridge to meet the requirements placed by handgun hunting and law enforcement. The solution was to lengthen the .38 Special cartridge case by about 3 mm (0.12") and strengthen it to stand considerable higher chamber pressure. The result was a handgun cartridge capable of delivering as much as three times the muzzle energy of the .38 Special.

The .357 Magnum has remained probably the most popular magnum revolver cartridge ever introduced, despite the increasing number of shooting people enjoying cartridges of larger calibers. It is noted for its flat trajectory and great knockdown power. The recoil generated by the .357 Magnum is on a level most shooters are able to handle, too.

A number of good-quality lever-action carbines has been chambered for the .357 Magnum, too, and, where allowed by the local regulations, the .357 Magnum is occasionally promoted as a deer cartridge. If used by of an experienced hunter capable of placing the right bullet in the right place at close range, it will get the job done most of the time. As a hunting cartridge the .357 Magnum may be considered better as a varminter or a short range cartridge for small game.

If swaged (soft) lead bullets are used, the muzzle velocity of those should not exceed 340 m/s (1100 fps), as undesirable leading of the barrel may occur in just a few rounds.

.357 Magnum

TEST COMPONENTS:

Test barrel: 175 mm (7"), 1 in 18½" twist, manufactured to meet CIP minimum dimensions.

Primers: Small Rifle

Cases: Remington, trim-to length 32.60 mm (1.283")

Reloading Data, English Units:

Bullet				Powder	Starting Load		Maximum Load		
Weight [grs]	Type	Mfg.	C.O.L. [in.]	Type	Weight [grs]	Velocity [fps]	Weight [grs]	Velocity [fps]	Pressure [psi]
110	HP/XTP	Hornady	1.575	N310	6.2	1296	6.7	1367	35000
				N320	7.4	1390	8.0	1474	35000
				N340	8.5	1458	9.4	1579	35000
				3N37	9.5	1535	10.7	1646	35000
				N350	9.9	1547	10.8	1647	35000
				N110	18.5	1716	20.1	1909	35000
124	LSWC	Intercast	1.614*)	N340	7.9	1375	8.8	1469	35000
				N350	8.3	1387	9.3	1479	35000
				N110	15.7	1546	17.4	1699	35000
125	FP/XTP	Hornady	1.575	N310	5.5	1134	6.1	1234	35000
				N320	6.2	1229	7.1	1329	35000
				N340	7.8	1352	8.8	1462	35000
				N350	8.7	1415	9.7	1512	35000
				N110	16.8	1601	18.4	1772	35000

*) The CIP maximum cartridge overall length is exceeded.

continues on the next page ...

INDICATES MAXIMUM LOAD - USE WITH CAUTION!

LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED

.357 Magnum

continues from the previous page ...

Reloading Data, English Units:

Bullet				Powder	Starting Load		Maximum Load		
Weight [grs]	Type	Mfg.	C.O.L. [in.]	Type	Weight [grs]	Velocity [fps]	Weight [grs]	Velocity [fps]	Pressure [psi]
140	HP	Speer	1.575	N340	7.6	1251	8.3	1340	35000
				3N37	8.3	1278	9.3	1386	35000
				N350	8.2	1280	9.1	1382	35000
				N110	15.7	1499	17.1	1647	35000
145	LSWC	Intercast	1.614*)	N320	5.8	1175	6.4	1245	35000
				N340	6.6	1238	7.4	1319	35000
				3N37	7.5	1269	8.5	1368	35000
				N350	6.8	1231	8.1	1344	35000
				N110	14.0	1475	15.3	1591	35000
158	HP	Speer	1.575	N320	5.7	1023	6.3	1114	35000
				N340	6.7	1117	7.4	1198	35000
				3N37	7.4	1152	8.3	1254	35000
				N350	7.6	1200	8.5	1276	35000
158	FP/XTP	Hornady	1.575	N105	10.9	1320	11.9	1417	35000
158	HP	Speer	1.575	N110	14.1	1368	15.3	1502	35000
160	LFN	Intercast	1.575	N340	6.3	1181	7.1	1244	35000
				3N37	7.3	1176	8.0	1273	35000
				N350	6.6	1191	7.6	1270	35000
				N110	13.2	1404	14.4	1514	35000
180	TMJ	Speer	1.677*)	N340	6.3	972	7.1	1069	35000
				3N37	7.0	1013	7.9	1120	35000
				N350	6.4	961	7.4	1087	35000
				N105	8.9	1154	10.3	1261	35000
				N110	12.7	1253	14.0	1394	35000
200	TMJ	Speer	1.697*)	3N37	6.4	891	7.2	991	35000
				N350	6.2	838	7.1	966	35000
				N105	8.4	1020	9.4	1123	35000
				N110	11.4	1107	12.4	1204	35000

*) The CIP maximum cartridge overall length is exceeded.

INDICATES MAXIMUM LOAD - USE WITH CAUTION!

LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED

POWDER BURNING RATE CHART

Current Canister Grade Powders in order of approximate burning rate.
(R1 being the fastest, 748 the slowest)
This list is approximate only and not to be used for developing loads.

1. R-1, Norma
2. N31, Vihtavuori
3. TITEWAD, Accurate Arms
4. RED DOT, Alliant
5. CLAYS, Hodgdon
6. "HI-SKOR" 700-X, IMR Co.
7. BULLSEYE, Alliant
8. TITEGROUP, Hodgdon
9. American Select, Alliant
10. SOLO 1000, Accurate Arms
11. GREEN DOT, Alliant
12. INTERNATIONAL, Hodgdon
13. PB, IMR Co.
14. N320, Vihtavuori
15. WST, Winchester
16. No.2, Accurate Arms
17. SR 7625, IMR Co.
18. HP-38, Hodgdon
19. 231, Winchester
20. UNIQUE, Alliant
21. UNIVERSAL, Hodgdon
22. Power Pistol, Alliant
23. N330, Vihtavuori
24. HERCO, Alliant
25. WSF, Winchester
26. N340, Vihtavuori
27. "HI-SKOR" 800-X, IMR Co.
28. SR4756, IMR Co.
29. NO. 5, Accurate Arms.
30. HS-6, Hodgdon
31. 3N37, Vihtavuori.
32. N350, Vihtavuori
33. BLUE DOT, Alliant
34. No. 7, Accurate Arms
35. 2400, Alliant
36. No. 9, Accurate Arms
37. R123, Norma
38. N110, Vihtavuori
39. H110, Hodgdon
40. 296, Winchester
41. IMR4227, IMR Co.
42. H4227, Hodgdon
43. SR4759, IMR Co.
44. 1680, Accurate Arms
45. 200, Norma
46. Reloader 7, Alliant
47. IMR4198, IMR Co.
48. H4198, Hodgdon
49. N120, Vihtavuori
50. H322, Hodgdon
51. 2015 BR, Accurate Arms
52. N130, Vihtavuori
53. IMR3031, IMR Co.
54. N133, Vihtavuori
55. H335, Hodgdon
56. N135, Vihtavuori
57. 2230, Accurate Arms
58. 2460, Accurate Arms
59. H4895, Hodgdon
60. IMR4895, IMR Co.
61. RELODER-12, Alliant
62. IMR-4320, IMR Co.
63. 3100, Accurate Arms
64. IMR 4064, IMR Co.
65. 202, Norma
66. 2520, Accurate Arms
67. RELODER-15, Alliant
68. N140, Vihtavuori
69. VARGET, Hodgdon
70. 748, Winchester

This is a unique reloading/information manual. It contains currently available data regarding loading information for this individual cartridge. This data is compiled from the leading U.S. Bullet and gunpowder manufacturers.

This manual is not intended to replace the many comprehensive, in-depth reloading manuals available from a host of publishers, but instead provide you with a quick and easy-to-use reference source which will enable you to compare loads, types of powders, bullets and shot charges for components you may have on hand.

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