

.44 Special Loads Moderate Pressure

BULLET	CHARGE		FPS
	GRAINS	TYPE	
Ideal 429106 171-Grain	7.0	Unique	940
	8.0	Unique	1060
	9.0	Unique	1160
	5.0	5066	745
	6.0	5066	880
	7.0	5066	1010
10.0	Herco	1065	
Ideal 429220 173-Grain	4.0	Bullseye	750
	5.0	Bullseye	900
	6.0	Bullseye	1020
	5.0	5066	785
	6.0	5066	915
	7.0	5066	1045
	7.0	Unique	915
	8.0	Unique	1035
	9.0	Unique	1140
Ideal 429303 205-Gr. GC	6.0	Unique	815
	7.0	Unique	930
	8.0	Unique	1050
	10.0	Herco	1085
	13.0	H240	990
	14.0	H240	1065
	14.0	AL-8	1085
Ideal 429421 246-Grain	4.5	Bullseye	745
	5.0	Bullseye	820
	5.5	Bullseye	875
	5.0	5066	740
	6.0	5066	860
	7.0	Unique	875
	7.5	Unique	950
	8.0	Unique	1000
	9.0	Herco	900
	10.0	Herco	980
	10.5	Herco	1025
	10.0	AL-5	945
	10.0	AL-7	980
	10.5	AL-7	1025
14.0	AL-8	1070	
15.0	H240	1070	
16.0	2400	1015	
Ideal 431244 254-Grain GC	5.0	Bullseye	805
	5.5	Bullseye	845
	6.0	Bullseye	880
	6.0	5066	810
	7.0	Unique	870
	7.5	Unique	940
	8.0	Unique	995
	10.0	Herco	970
	10.5	Herco	1010
	14.0	AL-8	1050
	15.0	H240	1015
	16.0	2400	975

Note: Muzzle velocity of any load will depend upon the gun and components used. If primers other than WRA 111, Federal 150 or CCI Magnum are used, lower velocity will result. Values are for a six-inch barrel.

only experience or a good handbook will suffice.

When unusual results occur, check the instrument before accepting them. Lack of primer energy may be the result of wrong primer choice. However, if other tests prove the primer all right, but you get less correct ballistic performance by chronograph checks, check mainspring force. First, hammer fall should sound snappy, and it should give good indents in fired primers. Place a large rifle primer in an empty case. Fire it. If you have a good pin impression, the mainspring is okay. If not, check firing pin protrusion, which should be .060" or slightly more. If

these factors are all okay, now measure the gap between barrel and cylinder with a feeler gage. The first .001" loses 2 per cent of possible muzzle velocity (as from a single shot pistol), and each succeeding .001" of gap costs you 1 per cent of muzzle velocity. Thus a gun that just accepts a .003" feeler gage will give 4 per cent less muzzle velocity than a single shot pistol having the same bullet travel distance.

Damp powder, or powder old enough to give off red vapor or to smell pungently acrid instead of like ether, can produce poor ballistics. Our point, though, is to emphasize the importance of good ignition.

.44 Special Full Power Loads

(Only for use in guns made after World War II for high pressures)

BULLET	CHARGE		FPS	
	GRAINS	TYPE		
Ideal 429106 171-Grain	10.0	Unique	1270	
	10.5	Unique	1330	
	11.0	Unique	1385	
	11.5	Unique	1450	
	12.0	Unique	1545	
	12.0	Herco	1235	
	13.0	Herco	1315	
	14.0	Herco	1400	
	15.0	Herco	1480	
	16.0	Herco	1560	
	14.0	AL-8	1080	
	16.0	AL-8	1170	
	18.0	AL-8	1310	
	19.0	AL-8	1350	
Ideal 429220 173-Grain	10.0	Unique	1250	
	10.5	Unique	1310	
	11.5	Unique	1430	
	12.0	Unique	1525	
	15.0	Herco	1470	
	16.0	Herco	1560	
	14.0	AL-7	1310	
	16.0	AL-7	1450	
	17.0	AL-7	1500	
	14.0	AL-8	1040	
Ideal 429303 205-Gr. GC	9.0	Unique	1160	
	10.0	Unique	1255	
	10.5	Unique	1300	
	11.0	Unique	1345	
	11.0	Herco	1155	
	12.0	Herco	1215	
	13.0	Herco	1290	
	14.0	Herco	1380	
Ideal 429421 246-Grain	8.5	Unique	1065	
	9.0	Unique	1115	
	9.5	Unique	1170	
	11.0	Herco	1075	
	12.0	Herco	1190	
	13.0	Herco	1290	
	12.0	AL-7	1140	
	13.0	AL-7	1200	
	14.0	AL-7	1260	
	15.0	AL-7	1315	
	15.0	AL-8	1140	
	16.0	AL-8	1190	
	17.0	AL-8	1250	
	18.0	AL-8	1310	
18.5	AL-8	1350		
16.0	H240	1190		
17.0	H240	1250		
16.0	2400	1015		
17.0	2400	1080		
17.5	2400	1110		
18.0	2400	1140		
19.0	2400	1230		
Ideal 431244 254-Gr. GC	8.5	Unique	1065	
	9.0	Unique	1140	
	9.5	Unique	1180	
	12.0	Herco	1160	
	13.0	Herco	1235	
	13.5	Herco	1285	
	16.0	AL-8	1120	
	18.0	AL-8	1310	
	17.0	2400	1055	
	18.0	2400	1120	
19.0	2400	1210		
212-Gr. Half J. Herter	11.0	Herco	1205	
	13.0	Herco	1330	
	14.0	Herco	1385	
	16.0	H240	1230	
	17.0	H240	1280	
	18.0	H240	1310	
	19.0	H240	1375	
	220-Gr. Half J. Edelman	13.5	Herco	1325
		18.5	H240	1370
		19.0	AL-8	1305