

.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
Ideal 429220 173-Grain	10.0	Herco	1065
	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
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
	15.0	AL-7	1350
	16.0	AL-7	1420
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
Ideal 431244 254-Gr. GC	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
Ideal 431244 254-Gr. GC	18.0	2400	1140
	19.0	2400	1230
	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
212-Gr. Half J. Herter	17.0	2400	1055
	18.0	2400	1120
	19.0	2400	1210
	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