

SIERRA “PALMA” BULLET DATA _____

The proprietary 155 HPBT bullet developed for the U.S. Palma Authority by Sierra has been released for use by the general public. The obvious users will be Palma Competitors. It should also appeal to those who shoot the M-14/M-1A and the M1 Garand. Accordingly we developed data for the .308 Win and the .30-06 to accommodate these shooters as well as the Palma competitors. The Palma Match bullet requires a muzzle velocity of approximately 2935 fps and a rifling twist of no slower than 1/13" to properly stabilize and remain above the speed of sound at 1,000 yards. The barrels of "Palma" type rifles are sufficiently long to maximize the muzzle velocity. However, the majority of its use will probably be the 200 and 300 yard phases of the National Match Course in order to enhance recovery from recoil in rapid fire. M1 Garand shooters in particular should be happy with a bullet that approximates the projectile weight that the gas system was designed around with the external ballistics and accuracy needed for NRA High Power Competition.

While the .30-06 data is intended for use in the M1 Garand, it should work equally well in bolt guns. Slower propellants probably will not develop sufficient velocity, even in a bolt action, and are not suitable for the Garand's gas system. They are not included for that reason. All loading data shown in this section is considered to be maximum by the technical staff at Accurate Arms Co., Inc. and should be reduced by 10% for starting charges. Do not exceed the loads listed above even if your particular rifle shows no signs of excess pressure.

— William T. Falin, Jr.

.308 WINCHESTER			
Gun	WILSON	Max Length	2.015"
Barrel Length	24"	Trim Length	1.995"
Primer	FC 210 M	OAL Max	2.810"
Case	LAPUA	OAL Min	2.490"

Bullet	LOADING DATA				Cartridge Length	Comment
	Powder	Grains	Vel.	P.S.I.		
SRA 155 "PALMA"	2015	41.5	2761	59,500	2.775"	
	2230	43.0	2763	56,300		
	2460	44.0	2806	58,400		
	2495	44.0	2828	59,100		
	2520	46.0	2846	58,800		
	4064	45.5	2742	46,000 C.U.P.		Compressed

.30-06 GOVERNMENT

Gun	WILSON	Max Length	2.494"
Barrel Length	24"	Trim Length	2.474"
Primer	REM 9°	OAL Max	3.340"
Case	IMI	OAL Min	2.940"

Bullet	LOADING DATA				Cartridge Length	Comment
	Powder	Grains	Vel.	P.S.I.		
SRA 155 "PALMA"	2495	48.5	2845	58,700	3.260"	
	2520	49.0	2822	58,200		
	4064	53.0	2967	57,500		
	2700	56.5	2903	58,900		