

HANDLOADER PROFILE LAZZERONI CALIBER 6.53 (.257) SCRAMJET

A T T E N T I O N

Please do not be one of those handloaders who is going to search through this information just to find the stated "MAXIMUM" load and start with that.

There is much more to determining your maximum load than just how much powder you can dump in the case.

Temperature, bullet type, bullet weight, bullet seating depth, barrel twist, groove diameter, chamber throat profile. These are just a few of the variables that can affect velocity and pressure.

In our never-ending search for high velocity, anyone can overload a cartridge to achieve "BRAGGING RIGHTS".

In doing so however, you risk damaging your rifle, endangering yourself and those around you.

The following information will assist you in working up an accurate, high velocity load for your rifle in a safe and prudent manner.

A good set of reloading dies, a quality set of calipers, an accurate powder scale and a reliable chronograph are some of the items you will need.

Begin by firing the first shot with the starting load and record seating depth and velocity.

Increase the powder charge no more than 1 grain at a time. If you experience ANY ONE of the following signs of pressure, reduce your powder charge by 10% and consider that your maximum load. Never exceed the maximum load stated in the following chart regardless of whether or not any pressure signs are apparent.

1. If you begin to see pressure signs on the primer such as flattening or "cratering" around the firing pin dent.
2. If enough brass flows into the ejector pin hole on the bolt face so as to cause a shiny spot or dent when the cartridge is ejected.
3. When ejecting the fired cartridge, the bolt is sticky or hard to lift.

LAZZERONI CALIBER 6.53 (.257) SCRAMJET

TEST COMPONENTS

Maximum Case Length.....2.810"
 Trim-to Length.....2.790"
 Primer Used.....FED 215
 Primer Size.....Large Rifle, Magnum
 RCBS Shell Holder.....#4
 Jacketed Bullets Used.....Nosler Ballistic Tip 85GR
 Nosler Partition 100 GR
 Nosler Partition 115 GR

TEST SPECIFICATIONS (Velocity and Pressure)

Firearm Used:.....Pressure Test Rifle
 Barrel Length:.....27"
 Twist:.....12"
 Groove Diameter:......257"

85 Grain Nosler Ballistic Tip 3.470 O.A.L. @ 70°F				
POWDER TYPE	GGESTED PARTING GRAINS	BSOLUTE MAXIMUM LOAD GRAINS	ELOCITY IN F.P.S.	RESSURE IN C.U.P.
Alliant Reloader 19	71	76GR	3952	55,700
DuPont MR 7828	75	80GR	3973	55,600

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LAZZERONI CALIBER 6.53 (.257) SCRAMJET CONT'D

100 Grain Nosler Partition 3.470 O.A.L. @ 70°F				
POWDER TYPE	SUGGESTED STARTING GRAINS	ABSOLUTE MAXIMUM LOAD GRAINS	VELOCITY IN F.P.S.	PRESSURE IN C.U.P.
Alliant Reloader 19	68	73GR	3707	55,800
DuPont IMR 7828	72	77GR	3734	55,200
Accurate 8700	87	92GR	3754	54,500

115 Grain Nosler Partition 3.470 O.A.L. @ 70°F				
POWER TYPE	SUGGESTED STARTING GRAINS	ABSOLUTE MAXIMUM LOAD IN GRAINS	VELOCITY IN F.P.S.	PRESSURE IN C.U.P.
Dupont IMR 7828	69	74GR	3501	56,600
Accurate 8700	84	89GR	3546	54,100

Some of you may wonder why the velocities state in these handloading specifications are not comparable or as high as those advertised by Lazzeroni Arms Company for our factory loaded ammunition.

Your rifle may have a different barrel length, groove diameter or twist rate than used for the rifles manufactured by Lazzeroni Arms Company.

Under no circumstances should you exceed the maximum powder charges stated in these specifications.