

REMINGTON ARMS COMPANY, INC.  
LONOKE, ARKANSAS

FEBRUARY 25, 1993

TO: T. C. DOUGLAS  
FROM: V. F. SCARLATA *107.*  
SUBJECT: PROGRESS REPORT, FEBRUARY, 1993

12 GA. .735 Pb. SLUG

A run of SP12MRS is presently being made with the .570" PKL wads. While these wads produce an excellent shell, they are a little too thick to run through our feed system. The wad thickness will be reduced to .535", which should allow us to use our present feed system.

12 Ga. Premier Slug

The T-P run of this product was completed without any major problems. A 10,000 piece run was made on 527 Simplex loader. The V-P and accuracy was within spec, and the hot and cold testing produced no defects. The average accuracy for this run was  $\approx 3"$  at 100 yards.

There are still several items that have to be completed before the machine is ready for full production. The slug and Sabot holdback systems have to be set up and a slug feed chute and level detect have to be installed.

The four-cavity production mold is in production. The Sabots produced by each cavity in the production mold will be kept separate through loading. This should offer an improvement in accuracy.

It appears that the plastic filler wad that is between the H-wad and Sabot can contribute to poor accuracy. Work is underway to improve the dimensional consistency of and the material this wad is made of. Tests indicate that a 3/4" improvement in accuracy can be obtained by using machined wads.

The plastic filler wad for the 3" Premier slug is on hand. Handload development for V-P and accuracy should start shortly.

A program for the manufacture of 20 ga. Sabots by machining is being developed. Preliminary development will use machined Sabots. The solid copper slug for the 20 ga. system has been designed. It will approximate the 12 ga. design, but be of .45 caliber.

16 Ga. Steel 15/16 Oz.

The wad vendor has been having problems with the 16 ga. mold. The T-P run will be postponed until wads are available.

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Suppressed Powder

Samples of three of four requested powders are on hand. The last sample should arrive in two to three weeks.

Large-Size Steel Shot

Several T-P's of this product were made last month. The only major problem encountered was with STL10TT due to a fast powder lot. There are also some problems with contamination of the plated shot that is coming from the plating vendor.

12 Ga. 3 1/2" Steel

A date of 3/26 has been set by the wad vendor for completion of the mold and tooling. A May 1 T-P is presently scheduled.

10 Ga. 3 1/2" Steel

See above.

458 Win Mag 450 Swift

A sample of loaded rounds will be sent to Ilion for accuracy testing in rifles.

300 Win Mag 200 g. Swift

The high pressure concern with the product has been resolved. The T-P bullets are on order and 50,000 should be available by 3/15.

Safari Line

Several new items for this line are being developed for 1994. Bullet weights and specs have to be established.