

REMINGTON ARMS COMPANY, INC.  
LONOKE, ARKANSAS

APRIL 30, 1992

TO: T. C. DOUGLAS  
FROM: V. F. SCARLATA  
SUBJECT: PROGRESS REPORT, APRIL, 1992

12 GA. .735 Pb SLUG

Work on a hopper design is progressing slowly. A second vendor will be contacted to start design work on a feed system for this product.

12 GA. PREMIUM SLUG

The new bottom-gated mold is due from the vendor this week. A sample of Sabots should be available for testing by the middle of May.

12 GA. 3 1/2" STEEL

During the experimental run of TT shot, wad failure was noted. The problem appears to be due to there not being enough plastic in the base of the wad. The present tools are being modified to produce a second design. This should be available for testing by the middle of May.

8 GA. STEEL SLUG

The 500-round test was completed without any damage to a new 8 ga. barrel. These steel slugs did not have a protective sleeve. If there is presently any interest in this product, a sample of approximately 5,000 could be produced and sent to a user for an on-site test. No further action will be taken on this project unless requested by Marketing.

16 GA. STEEL 15/16 OZ.

No change this month.

STEEL TT LOADS

St112 Mag 1 1/4 oz. 58 pellets - The experimental run of this product was completed on 526 Simplex loader using the new shot charger. The use of the S113 primer, 380.5 powder, and a full load of 1 1/4 oz. (547 g) of steel TT produced 1380 at 108. These shells are presently in ballistics being tested.

St112H Mag TT, 1 3/8 oz 64 pellets - The experimental run of this product was completed on 526 Simplex loader. The use of the S113 primer and 380.5 powder produced 1290 at 108. This was with a load of 60 TT shot (568 g) against a full 1 3/8 oz (602 g) of 64 pellets. The max shot load that will fit in this shell is 60 to 61 pellets, which is really 1 5/16 oz. We might want to take a look at combining these two loads and producing one 1 5/16 oz load at 1375 or so using 381 powder.

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St110 1 3/4 oz. 81 pellets - A sample of shells was produced at A-H-P using the SP10, .250" PBW shell and the S113 primer. An attempt will be made to use this shell for all 10 ga. steel using 380.5 powder. An experimental run will be made when 528 is available.

20 GA 1 OZ. TARGET LOAD

This product has been transferred to the Product Center. A T-P run has to be scheduled.

338 - 375 SWIFT

No change from last month.

300 WIN MAG SWIFT

Mush testing at 200 yards produced 97% weight retention and excellent mush. Accuracy was 1 1/2" @100 yds.

The testing of the competitors' product has been completed. The average accuracy for the Federal and WW product at 100 yards is in the 1 1/4" range. The WW product produced good expansion with 74-77% weight retention. The Federal product produced poor mush with many of the bullets coming apart.

380.5 POWDER

See above Steel TT 12 and 10 ga. Testing is continuing on other products.