

REMINGTON ARMS COMPANY, INC.  
LONOKE, ARKANSAS

JULY 24, 1992

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

12 Ga. .735 Pb. SLUG

A two-track vibratory bowl has been placed on order for this product with FMC for a September, 1992, delivery. Production quantities of slug tooling have also been placed on order.

12 Ga. Premium Slugs

Extensive testing of machined Sabots for accuracy indicate that the original design Sabot produces better accuracy than the new design. This testing also indicated that the B.T. slug design was superior to the flat bare slug from an accuracy standpoint.

Continued testing of molded (side-gated) Sabots that were molded from several different grades of Lexan, has continued to produce Sabot failures. The new bottom-gated mold should be completed this week.

The manufacturer of Lexan, G.E., has been contacted and advice was solicited from their technical people in the proper way to mold our Sabots. They could not offer much assistance, as their recommendations ran parallel to our present path of action, that is a bottom-gated cold runner mold.

Per Marketing's request, pricing for machined Sabots is being obtained. At present, the quotes that have been received are in the \$.80 to \$1.00 range. Molded Sabots are in the \$.15 range.

16 Ga. Steel 15/16 oz.

Wads are on hand for the experimental run, which should be made before the end of the month. A hand-loading wad recovery test indicates that the wad performs as intended, but has too much volume. This will not prevent their use for the experimental run, but will require a redesign before a production mold is ordered.

Steel TT 12 Ga. Loads

A sample of the new STLH wad should arrive before the end of the month. Hand-loading will determine the suitability of this wad for the loading of TT size shot. If successful, the STLH and M wad tooling will be modified.

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Large Size Steel Shot

Agreement has been reached as to the shot count and velocity levels for the large shot sizes in 10 ga. 1 3/4 oz. and 12 ga. 3" 1 3/8 and 1 1/4 oz. loads. Still to be established are the shot count and velocity of the 12 ga. 2 3/4" BBB and T loads. An experimental run is planned for August for these products.

Plated Steel Shot

Testing is complete, two vendors have been established, and a specification for plated steel shot has been written. This project is complete.

12 Ga. 3 1/2" Steel

The wad for this product has been redesigned to reduce its volume and prevent gas seal failures. An order has been placed with the vendor to modify the experimental tooling and produce a sample of the wads.

10 Ga. 3 1/2" Steel

All ballistic testing of the experimental runs of TT's and 2's has been completed with no problems. This new powder primer combination of 380.5 and S113 produces an excellent load.

Steel Wad Improvements

Samples of the redesigned wad should arrive from the vendor by the end of the month. The 1 1/8 oz. steel loads have to be checked to see if the wad used in these loads also has a gas seal failure problem.

12 Ga. Int. Target 24 Gram Load

Testing of the experimental run is complete with excellent results. These shells will not function in most semiautomatic shotguns, but in every other respect, are an excellent target load. A quantity of these shells loaded with 8 shot are available for testing as needed.

12 Ga. 1 Oz. Steel Loads

The 1 oz. steel wad for a unibody shell has been designed. Tools have been fabricated and a sample of wads will be run shortly.

300 Win Mag 200 g Swift

A quantity of bullets (4000) has been placed on order for the experimental run.

458 W Mag 450 g Swift

A sample of bullets for hand-load development has been ordered. This product will be run on a Duplex loader. Segmental crimpers are being designed so bullet pull should not be a problem. Economics have been run and look positive.