

REMINGTON ARMS COMPANY, INC.
LONOKE, ARKANSAS

MAY 21, 1992

TO: T. C. DOUGLAS
FROM: V. F. SCARLATA *VS*
SUBJECT: PROGRESS REPORT, MAY, 1992

12 GA. .735 Pb. SLUG

The profile hopper vendor has not been able to design a system that will work with our new slug design. It appears that the most cost-effective way to feed this slug is to use a two-track vibratory bowl that is enclosed and vented to the outside of the plant. Two vendors are presently quoting on such a system.

12 GA. PREMIUM SLUG

A sample of Sabots from the bottom-gated mold has been tested for accuracy with very poor results. Minor Sabot failures and poor accuracy were noted during the test. The control samples, which contained machined Sabots, continue to produce accuracy results that are superior to the BRI style slugs.

The Sabots produced with this mold have a wall or petal variation of .0035" to .0045". This variation was also noted in the earlier molded samples. A second sample of Sabots is being made from several different blends of Lexon, and testing will continue.

16 GA. STEEL 15/16 OZ.

Tools needed to produce a sample of the shot containers for this product are being fabricated. These tools will be used to produce the wads needed for the experimental run.

STEEL TT LOADS

The experimental runs of STL12HM and STL12M produced last month have completed ballistic testing with excellent results, except for a small number of wad failures.

STEEL LARGE SHOT LOADS

Experimental runs were completed this month on the following loads to determine the maximum shot weight that could be loaded using the new counting shot charger.

STLHMTT
STL12HMT
STL12HM BBB

T. C. Douglas
May Progress Report
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In each case, a 1 5/16 oz. load was the maximum shot charge that would fit in the shell. These three samples are in ballistics being tested.

12 GA. 3 1/2" STEEL

A sample of STL 3 1/2", 1 9/16 oz. wads has been produced by the wad vendor. These will be used for the 12 ga. 3 1/2" experimental steel runs. Handloading tests indicate that these wads will perform as intended. An experimental run will be made when a machine becomes available.

10 GA. 3 1/2" STEEL

Experimental runs of the STL10 TT and STL 3's will be made as soon as a machine becomes available. Presently the 10 ga. steel line is down pending the results of these experimental runs.

20 GA. 1 OZ. TARGET

The T-P run has been completed without any problems. This project is complete.

338 WIN MAG 225 g SWIFT

The T-P was completed with the following results:

| | |
|----------|-----------------------|
| Velocity | 2716 fps Av. |
| Pressure | 607 psi Av. |
| Accuracy | 1.9" at 100 yards Av. |

After the BL was shot in, the product ran without any problems.

300 WIN MAG SWIFT

The IRR for this product, based on Marketing sales and pricing information, is 209%.

458 WIN MAG SWIFT

A sample of nickel shells will have to be produced to determine the feasibility of this product.