

REMINGTON ARMS COMPANY, INC.
LONOKE, ARKANSAS

JUNE 26, 1992

TO: T. C. DOUGLAS

FROM: V. F. SCARLATA

SUBJECT: PROGRESS REPORT, JUNE, 1992

12 Ga. .735 Pb. SLUG

Two vendors have quoted vibratory bowl feeders for this product. Economics are being developed based on pricing for these feed systems.

12 Ga. PREMIUM SLUG

The control samples (machined Sabots) continue to produce excellent accuracy. Presently an improved machined design is being tested. This, in conjunction with a B.T. style slug, shows great promise.

Several samples of molded Sabots have been tested this month, all with poor results. Further modifications to the bottom-gated mold are underway, and samples of different grade Lexan have been placed on order.

Prices are being developed for production quantities of machined Sabots.

16 Ga. STEEL 15/16 Oz.

Wads for the experimental run should be available by the first week in July. Scheduling the machine (527) for this run will be difficult.

STEEL TT LOADS

After reviewing the ballistic results from the experimental runs of STL12HM TT and STL12M TT, it was felt that a new wad design was needed. There were wad defects at E+, +150°F and -20°F. A new wad design has been developed, and a sample quantity ordered from the vendor.

LARGE SIZE STEEL SHOT LOADS

The experimental runs of the large steel shot samples have completed all ballistics testing. Except for wad failures in the TT shot (see above), there were no problems. These samples of TT, T and BBB were loaded to several shot weights and velocity levels. A separate report was issued, outlining the results of these tests.

PLATED STEEL SHOT

The experimental runs of TT shot were made with zinc-plated shot. There were no problems in running this product. During testing, the plating did not come off the shot.