

REMINGTON ARMS COMPANY INC.
LONOKE, ARKANSAS

May 27, 1992

TO: T. C. DOUGLAS
FROM: L. R. SROKA *ATC*
SUBJECT: MONTHLY REPORT

* EXPLOSIVES RESEARCH LAB

The concrete slab for the main lab building has been poured, the blast wall masonry work is complete, and this area is ready for building steel installation. The metal building system for the main lab and the steel building components for the pilot mix house, energetic materials storage magazine, and the environmental conditioning magazine are scheduled for delivery 5/28. All framing work on the mix house and two magazines is complete and these three buildings are ready for metal siding and roof installation.

A second change order, which includes six items for a total add of \$10,843, has been authorized and the second contractor's request for a partial payment of \$33,877 has been approved based on a work completion of 17%.

* STL 20 TARGET - 7/8 oz. #8 SHOT

Repairs to the Arburg molding machine have been completed and the mold tooling has been modified to fine tune the shot container's internal volume and to eliminate problems with stripping the wad off the core pin. Approximately 250 experimental shot containers have been molded with no problems being experienced. This initial sample of shot containers is in ballistics for testing which should be completed by 6/1. These experimental shot containers have been designed to eliminate the wad / body interference which exists with the unibody shell.

* STL 20 EXPRESS - 2, 4 & 6

Because the payload volume of 3/4 oz. of #2, 4, & 6 steel shot is significantly below that of 7/8 oz. of #8 steel shot, it will not be possible to load the 20 ga. 3/4 oz. express and 7/8 oz. target loads using a common shot container. However, 13/16 oz. of #2, 4, & 6 shot is a good fit for the 7/8 oz. target shot container and this slightly heavier payload presents itself as a viable alternative to the 3/4 oz. load, which would require another shot container. Surely, there would also be some marketing advantages to cataloging a 13/16 oz. payload against the competition's 3/4 oz. load. Preliminary ballistics testing of this alternative load will be completed as soon as additional experimental 7/8 oz. shot containers are molded.