

REMINGTON ARMS COMPANY INC.  
LONOKE, ARKANSAS

June 1, 1993

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

\* EXPLOSIVES RESEARCH LAB

The construction phase of the lab facility was completed last month and the final contractor payment of \$4,115 was made on 5/5/93. This final payment brings the total contracted construction cost of the facility to \$567,670. Although the construction contract has been satisfied per architectural design, some changes in requirements have been identified. These changes will cause some necessary modifications to the Storage Magazine and process waste piping and are estimated to cost in the range of \$10,000.

The fabrication of the charge table is complete and the mixer parts are in the process of being fabricated. A quote for a tamp and foil press has finally been received and is being reviewed.

\* STL 12 EXPRESS - 1 oz. # 2, 3, 4, 5, & 6 SHOT

A 5,000 piece sample of STL12 1 oz. shot containers (EX40029) is on hand and a machine loaded experimental run was scheduled for 5/11 - 5/14. This experimental run was postponed due to previous machine commitments not being completed per schedule and the run was re-scheduled for 6/26 - 6/30.

\* STL 20 EXPRESS - 3/4 oz. #2, 3, 4, 5 & 6 SHOT

A machine loaded experimental run of STL 20 Express product was completed on 5/11. Approximately 1000 rds each of #2 and #6 shot size product were produced for testing. Samples of each load were sent to ballistics for testing and to Quality for dimensional analysis. All of the test results are in and the information is being prepared for a data transfer.

\* STL .410 EXPRESS

A 5,000 piece sample of the .410 steel shot container (EX40032) was received on 5/18/93. Samples are in ballistics for load development.

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

A machine loaded experimental run of STL 20 Target - 8 product was completed on 5/8/93 with approximately 3,600 rds being produced for testing. Samples were sent to ballistics for testing and to Quality for dimensional analysis. All of the test results are in but some additional V&P testing is being done at -20F to try and determine the cause for one anomalous V&P reading at this temperature. One test yet to be completed is a field test on the Skeet field. After all of our testing is complete, the remaining product will be available for additional testing at Remington Farms.

A new concept steel shot container with a small compression section has been designed and drawing EX40041 was sent to Ball / Unimark to discuss mold design possibilities. A quote has been received from Unimark proposing two gate options for an experimental R&D mold with prices ranging from \$31,200 for a single cavity hot runner mold to \$58,400 for a four cavity hot to cold runner mold.

\* STL 12 TARGET

A 5,000 piece sample of the 12 steel target shot container (EX40040) was received on 5/18/93. Samples are in Ballistics for load development.

\* PRIMER TEST BOMB

A meeting was held on December 2, 1992 with representatives of the University of Arkansas at Little Rock (UALR) Graduate Institute of Technology to discuss the possibility of enlisting their help in designing a flame temperature measurement device for the primer test bomb system. A document which included project background information, scope of work, and a confidentiality agreement was sent to UALR on 12/22/93 for their response in the form of a project proposal. We met with the folks from UALR on 4/30 to discuss the project requirements in more detail. They indicated that they will have a draft project proposal completed in about three weeks. We'll give them another week to prepare their proposal before calling to check on their status.

\* PLANT SUPPORT

EXPLOSIVES COMMITTEE: Regular duties of explosives area inspections and incident investigations continue.

PROCESS SAFETY MANAGEMENT COMMITTEE: Committee meetings continue to review area work-team progress. Area work-team meetings continue to complete the process hazards analysis for assigned areas.