

# REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE

*Remington*



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"CONFINE YOUR LETTER TO ONE SUBJECT ONLY" \_\_\_\_\_ April 16, 1985

TO: J.W. Bower

FROM: R.S. Murphy *RS*

## Monthly Report - April 1985

### New Bolt Action Rifle - R.S. Murphy - F.E. Martin - F.H. Smith

The completion of the first phase of developmental jar-off testing has left us short of our design goals. An analysis of the test data and design, however, has indicated what we need in the second generation design to fulfill the performance requirements. A layout and CV mass properties study of the trigger is being done to determine if a redesign to meet the design parameters is feasible.

Since our initial drop test results did not look favorable, the contingency design is being updated to incorporate the design features desired in the new fire control. Specifically, the bolt lock must be added, the safety must be relocated to the tang, and the fire control adjustment must be relocated.

A schedule to test NBAR sub-assemblies in M/700 test vehicles has been developed and is being implemented.

### High Velocity Limited Range Centerfire - F.H. Smith - C.F. desJardins

The non-standard custom barrels purchased for the ammunition development are still in the Custom Shop to be hubbed, chambered, and instrumented. They have been given a very low priority, are being worked in to a busy schedule and have been there over six weeks. First generation prototype ammunition has been finalized and can be loaded in one day when the barreled actions are ready.

### M/700 Classic .350 Rem. Mag. - F.H. Smith

A second trial and pilot sample of guns selected has been tested for accuracy and field function with acceptable results. The visual inspection is being held pending the receipt of rifles with the correct stock reinforcement screw configuration.

RSM:sps