

## REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE



"CONFINE YOUR LETTER TO ONE SUBJECT ONLY"

May 16, 1985

TO: J.W. Bower

FROM: R.S. Murphy *RSM*Monthly Report - May 1985New Bolt Action Rifle - R.S. Murphy - F.E. Martin - F.H. Smith

After a review of the analytical and empirical analysis of the exposed component fire control it was decided to stop development in favor of the modified Model 700 design. Although the completion of our primary design was possible, the time required to de-bug the design would have significantly delayed the program. Conversely, the modified 700 design has a relatively high probability of success on the first attempt, capitalizes on an already strong reputation, and does not compromise on any of our desired technical improvements. The design of this fire control is complete and is in the Model Shop for fabrication.

Component testing of new designs is progressing slowly. To date two extractors have been dry-cycled to 50,000 cycles without failure. A live fire/dry cycle test of bolt assembly and firing pin assembly components, a competitive locktime test, and a competitive drop test have yet to be done.

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

The custom barrels have been received from the Custom Shop and are now in the Model Shop along with receivers and part of the accuracy device for assembly. Ammunition development will begin upon receipt of a barrelled action.

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

Rifles for the visual inspection portion of the trial and pilot are expected the week of May 20.

RSM:sps