

OPERATIONS COMMITTEE

INION DIVISION

SEPTEMBER 20, 1977

RESEARCH & DEVELOPMENT PRESENTATION

An active design program is being pursued to improve the function and reliability of our Bolt Action Fire Controls.

Mohawk 600

The detent safety action on the Mohawk 600 rifle has been improved by modifying the Model 700 Trigger Housing to fit both rifles. Trial and pilot operations are being run.

Model 700

The Model 700 Fire Control Assembly is also being redesigned to make it more competitive with improved features. The proposed Fire Control Assembly will be adjustable for pounds pull within safe limits without disassembling the rifle. The rifle will be able to be unloaded with the safety in the "on safe" position. The Trigger pull characteristics will be improved especially on varmint and target models. Design prototypes are scheduled to be ready June, 1978.

M/788, M/580's, 541-S and 540-XR

These Fire Controls are being redesigned to improve their functional performance. On the present design the force required in the "on safe" position varies with the tolerances of the component parts. The force to position the safety from the "on safe" to "off safe" is on the low side.

A new design is being worked on which will give us a safety with uniform "on safe" forces and increased "off safe" forces. The design will also improve the attachment of the assembly to the rifle. This Fire Control Assembly would be adaptable to all the above listed rifles. Design prototypes are to be ready in December. Drawings will be transmitted in the first quarter of 1978.

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