

RESEARCH PRESENTATION

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July 11, 1977

New Bolt Action Model Variations - Cont'd.

M/600 Carbine - Cont'd.

Development Program:

Fabricate models with design objectives and options by November 1977.

Evaluation of Options with completion in January 1978:

Research Testing
Marketing Analysis
Economics

Proposed Market Announcement:

January 1979.

Bolt Action Product Improvements

Model 700 Extractor

We have received a number of complaints critical of our cartridge extraction from the marketing focus panels and customer contacts. We feel we have a reliable system but we are going to investigate these soundings and if they are justified find a solution. If not justified we will generate marketing information to demonstrate the performance advantages of our extractor. We will present our findings at the January meeting.

Model 700-600 Fire Control Improvements

We presently offer these two rifles with a fully adjustable fire control which we tell the customer not to adjust because the typical customer does not understand the system well enough to adjust it properly. The adjustment feature increases the cost of the fire controls. These rifles cannot be unloaded with the safety in the "On Safe" position which we believe would be a desirable feature. To overcome these

Bolt Action Product Improvements - Cont'd.

M/700-600 Fire Control Improvements - Cont'd.

deficiencies we are presently doing a design analysis of the M/700-600 fire controls.
We are trying to develop a new fire control with the following features:

1. Trigger externally adjustable for pounds pull within safe limits.
2. Sear engagement and trigger overtravel determined by design (not adjustable by customer).
3. Rifles can be unloaded with the safety in the "On Safe" position.
4. Improved trigger pull characteristics.
5. Reduction of trigger assembly costs.

Development Schedule:

- . Prototypes with different design options available for inspection and testing - March 1978.
- . Preferred model ready for extensive testing - July 1978
- . Design complete - March 1979