

"There have been 91 individual items identified in our research work pool. Obviously all cannot be covered in detail at this meeting. They will be grouped as appropriate under one of five main headings.

1. Necessity
2. New Product Development
3. Process Development
4. Other Work
5. Backlog

"Under the heading of Necessity we have one commitment, Bolt Action Fire Controls (Chart 32). Our objectives here are to enable the shooter to load and unload his gun with the safety switch in the 'ON' position and prevent him from 'adjusting' himself into trouble. This work has been pursued in two ways:

1. Make the present fire control more tamper proof.
2. Design a new fire control.

"Working with Production, the Legal Department and Du Pont consultants, a number of possible improvements to the present fire control have been identified (Chart 33).

- (1) A warning 'Do not adjust Trigger Assembly' will be stamped into the side plate of the fire control.
- (2) Special screw heads will be developed to further discourage adjustment by anyone other than the factory or an authorized gunsmith.
- (3) A new sealant will be investigated that will enable us to prove conclusively that the seal on the adjusting screws has been broken.
- (4) A \$5,000 work order was authorized in March of this year for the Du Pont Engineering Department to assist us in developing a cleaning and lubrication procedure for the Model 700 Fire Control that can be included in the rifles instruction book.

"The evaluation program will consist of a preliminary review of all potential cleaning and lubrication candidates within proposed guidelines and selected products will be screened for performance. It is the program aim, if possible, to specify products on a generic name basis.

"Results of this work are expected in September.

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