Remington

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December 15, 1994

MINUTES OF PLANNING MEETNG

SUBJECT: Design Requirements for Fire Control

ATTENDEES: THOMAS MILLNER
ROBERT W. HASKIN
E.S. RENSI
TONY A. HANCOCK

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WILLIAMS V. REMINGTON

The purpose of this meeting was to establish the design requirements for a Model 700 centerfire rifle fire control. These requirements are listed as follows:

- *Firing pin will not cock unless trigger and sear are engaged within specifications.*
- *Placement of safety lever in "safe" position ensures engagement of trigger and sear within specifications.*
- *Trigger and sear may not be disengaged when safety lever is in "safe" position.*
- *The side plates will be in skeleton form to facilitate cleaning and inspection.*
- ~~*The design will minimize the possibility of trapped contaminates.*~~
- *It will be impossible for the consumer to adjust or tamper with the fire control without leaving evidence of such work.*
- *The trigger pull will be specified at 3.0 lbs. - 0, + " T" where "T" is the minimum manufacturing tolerance. In addition, the trigger pull will not be adjustable. [Bob Orf was assigned to determine the value of T.]*

PR 0547

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functional in production Model 700 + Model 7 rifles,

- *The fire control must be completely ~~interchangeable with the existing fire control.~~*

- *It must meet all SAAMI drop test requirements. [Ken Green is to provide SAAMI specifications applicable for a hunting rifle.]*

- *The fire control must remain functional during and at the completion of all tests. Dry cycling the fire control will provide the testing methodology. The ultimate lifetime will be 50,000 cycles with safety multipliers applicable to this class of product. [Jim Snedeker was assigned to prepare a test plan using statistically significant sample sizes.]*

- *No bolt lock will be implemented.*

- *The trigger finger surface will be smooth as opposed to the grooved surface on the current trigger.*

- *It must result in cost reductions. The cost of today's fire control is $9.41 as per Bob Longo.*

- *It must reduce part count of the subassembly.*

- *It must improve manufacturing ability.*

Please look through these requirements. If you have additions or corrections, let me know. R&D and manufacturing are proceeding towards establishing the earliest possible introduction date for this design.

TONY A. HANCOCK