

RIM FIRE RIFLES - contd.Receiver - Ejection Port - contd.

R & D "blotter tests" indicate that if a burst head occurs, there is no added safety hazard with the revised ejection port design.

Production indicated that the changeover could be made in Receivers produced in May 1968.

Committee Action:

The Committee approved the proposed change to the ejection port for the Models 580, 581 and 582 rim fire rifles.

10-Shot Magazine for the Model 581 Rim Fire Rifle

Production reported that an order has been placed for the 2 1/2 ounce molding press. The molding dies are promised in May. Based on past experience, revisions will be required to the dies; therefore development will probably extend to September.

MODEL 590-591-592, 5mm CAL. RIM FIRE RIFLES

Sample Model 590 and 591 rifles with the added gas hole in the Receiver were reviewed and R & D reported that the design change was released to the plant. It had been planned to increase the width of the left Extractor slot but this weakened the Barrel and was dropped.

The design of rifles to fully enclose the cartridge or to allow for maximum gas escape when a burst case develops was discussed. R & D described the comparative operating pressure levels in brass cases (Exhibit 5).

Production reported that the assembled Model 590 single shot and 591 Magazine Box rifles have been revised to include the gas escape hole in the Receiver. The Model 592 assembled rifles will also be changed together with revised Carrier and Cartridge Feed Inserts when the new parts are available in April.