

XP-100 A AUTOLOADING PISTOL

Research effort to date has produced a satisfactorily functioning semi-automatic pistol. However, weight is excessive and changes are being made to correct this.

RIM FIRE RIFLES AND PISTOLSNYLON 76 "APACHE BLACK" LEVER ACTION RIFLE

Research testing of Production rifles has confirmed the adequate locking of the action in the black-dyed Nylon 76 stocks. General Management has approved a production sample for invoiced shipment and orders are being filled.

This item will be dropped.

ANALYSIS OF RIM FIRE LINE

The Research and Sales representatives on the Sub-Committee analyzing the rim fire line summarized significant points to date. They expect to complete their report for the July meeting.

The Sales Department conducted a limited marketing test among dealers and a teen-age sampling. Significant conclusions were the preference for longer barrels and the resistance to Nylon stocks on the bolt action rifles. The resistance to Nylon in the bolt action line only is attributed to the outright replacement of wood by Nylon in the bolt action rifles without any functional use of the material in the receiver design as in the case of the Nylon 66 and 76.

The Committee's pertinent analysis falls into short range and long range categories:

Short Range

- The straight barrels on the Model 514, Nylon 10, 11 and 12 should be increased from the present 20 to 24 inches. The Plant is now determining their ability and start-up costs to produce a 24 inch swaged barrel. Their preliminary findings indicate additional investment in the range of \$25,000 to \$35,000, the primary item being an annealing furnace required by the swage process whose capacity will be materially reduced by the longer barrel.

The Committee approved the Sales request and asked Production to firm up rapidly the process feasibility, equipment and tooling costs, additional product cost and timing for longer barrels.