

SHOTGUNS - contd.IRON SHOT PROGRAM - contd.

- . The abrupt change is least acceptable in appearance.
- . Costs of Barrels for steel shot probably will determine whether or not they will be provided on all shotguns.
- . It does not appear likely that a significant spare Barrel market will develop since current Model 870 and 1100 Barrels will perform several hundred rounds with iron shot without deforming at the choke.

R & D expects to have a Model 3200 with larger muzzle diameter Barrels at the May meeting.

ADHESIVE-FASTENED VENT RIB AND PHOTO-ETCHED MATTING

Production reported that efforts are aimed at eliminating remaining photo-etch process problems. In this month, process time cycles have been reduced to original estimates. Also, techniques have been developed to achieve a good etch pattern on the full rib length, including the previously troublesome 1/8" on one end.

Development is continuing to improve process repeatability so that part-to-part quality remains acceptable.

It may be several months before photo-etched matting is established as a production operation.

Control of the adhesive-fastened Vent Rib process is still an unknown. Production believes the development is worth pursuing because of the cost reduction potential.

MODEL 1100X AUTOLOADING SHOTGUN  
(Introduction 1978)

R & D reported that two Model 1100X shotguns have been fired 500 rounds each. These guns are using the Model 1100 gas system. There have been problems with the Extractor which is on the Bolt and rotates which may cause case swelling. On the next design, the Extractor will be on the Bolt Carrier. Hand held shooting is to start now.

The spring gas lock system is designed and looks good on paper.

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