

SHOTGUNS - contd.MODEL 870, 28-410 GAUGEMODEL 1100, 20-28-410 GAUGE - contd.

The introduction of these new shotguns was discussed. The April 1967 Arms Development Schedule and the project indicate a 1969 announcement.

Committee Action:

R & D is to prepare a prototype Model 870 and 1100 with a mahogany Stock and Fore End for Management review.

MODEL 1100 AUTOLOADING SHOTGUNFore End

The West coast test shipment of guns and Fore Ends and the Bridgeport parcel post were returned to Ilion. There was no breakage of single pack Fore Ends. Out of eighteen (18) gun shipments, the Fore End was split in two (2). The cracks were due to mutilation in shipment.

Nine Hundred (900) Fore Ends with the fiberglass insert were processed and after finish checked for cracks. There were five (5) split. The .5% is less than the 2 to 3% found in tests made in 1965 and 1966. There were wood faults found under the black light check that might result in cracks had it not been for the fiberglass reinforcement. It is indicated the fiberglass liner strengthens the Fore End. Production and Marketing recommended the use of the fiberglass reinforcement for 12 gauge Fore Ends.

In December 1966, the estimated factory cost to add the fiberglass was \$.32 per gun. An improvement should result in reducing replacement costs by \$.19. A Methods & Standards recheck indicates a \$.34 per gun factory cost or an out-of-pocket cost of approximately \$.20.

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