

FIREARMSSHOTGUNSMODEL 1100 AUTOLOADING SHOTGUNGun Weight - 20 Gauge

Mahogany Stocks

The marketing test of mahogany stocked 20 gauge Model 1100's in the Southern Region was approved by General Management on March 19, 1964. The Sales Department has supplied tags to be attached to the shotguns identifying the wood as mahogany, and Production will ship the shotguns on April 17. Five have been supplied to Lordship. Limited testing indicates the fore end will split in the range of 3,000 rounds.

Sales is concerned over the early splitting despite the intent to confine mahogany to field grade guns. In view of the limited test data, they deferred a recommendation not to market the mahogany-stocked shotguns until the marketing test indicates consumer acceptance and the Lordship guns provide more data on wood endurance. Sales also plans to sample the Field Force with mahogany-stocked guns and will place orders with the Plant.

A policy for handling guns returned for stock or fore end replacement remains to be established.

Aluminum Receiver

Research is in the early testing stage of an aluminum receiver. Data is too limited for any conclusions but strength problems are being encountered. Research estimates another month would be required to complete the test after which some redesign would probably be required. They feel an aluminum receiver will require some "crutches" to get adequate strength and even with these the endurance will probably be no more than one-third that of a steel receiver.

In view of the poor probability of obtaining adequate receiver life with aluminum, the Chairman instructed Research to discontinue further work.