

FIREARMSSHOTGUNSMODEL 870 SLIDE ACTION SHOTGUNShort Stock Press Forming - Model 870

R & D reported that most of the equipment for press forming Stocks is operational. A machine for the contouring Butt Plate has been installed and is ready for tryout. There are problems of die mismatch that remain to be corrected.

A sample Stock processed on the equipment was reviewed by the Committee. The mismatch will be corrected before the equipment is ready for production.

Committee Action:

The finish when the mismatch is overcome appears satisfactory. While improvement is indicated, the wood machining marks on the sample Stock are not acceptable. The Committee had previously specified that any visible machining marks would not be acceptable.

Formed Receiver - Brazed Inserts

R & D made a status report on the program to produce Receivers from a process other than machining from bar stock. The sample shown was to obtain Committee opinion on the acceptability of the proposed formed Receiver with brazed inserts.

Endurance testing of formed Receivers indicates strength is comparable with the present Receiver machined from bar stock. It is indicated by using a material other than C1010 the strength can be increased.