

FIREARMSSHOTGUNSMODEL 870 SLIDE ACTION SHOTGUNShort Stock Press Forming - Model 870

R & D expects to have sample Stocks from production equipment for Marketing review by the end of January.

Marketing, in addition to reviewing the Stock, must have assurance there will be no appearance mismatch with the Fore End.

The future program when the short Stock press forming process is operating satisfactorily is for the plant to expand production to other model short Stocks. R & D would develop the process and equipment for Fore Ends and then long Stocks. 83

Formed Receiver - Brazed Insert (Model 870)

Since the December meeting, it was reported that overload testing was more destructive to the formed Receiver than with the current process Receiver. Reviews of alloys to improve strength are being made. Additional funds are being requested to complete the investigations of strength and appearance.

Marketing would prefer that the venture into the formed Receiver be in a new gun. There is the possibility of damage to the public acceptance of current models by changing from a machined Receiver. Marketing would consider adapting to a current model if the following three objectives can be met.

1. Strength
2. Confidence in the braze
3. Appearance

R & D has reviewed the use of the formed Receiver design for the 28 and 410 gauge. The cost, principally for equipment and dies, can only be justified on a product having a reasonably high volume.