

FIREARMSSHOTGUNSMODEL 870 SLIDE ACTION SHOTGUNShort Stock Press Forming

A sample Winchester Stock, a current sanded production Stock and a pressed formed Stock, all with Recoil Pads, were reviewed by the Operations Committee. The press forming dies have been chrome plated. The Recoil Pad on the press formed Stock was sized by carbide disc milling. It is planned to mechanize the milling machine. Equipment should be ready to produce a pilot quantity of approximately seven hundred (700) press formed Model 870 Stocks in January. 83

Marketing indicated that Stock production equal to the sample would be acceptable.

Two shotguns, one regular production and the second with a press formed Stock, have been subjected by R & D to one hundred and sixty-nine (169) hours of outside exposure. Ninety-six (96) hours were in snow or rain with temperature variations from 7° to 56°. It is planned to continue this test.

The press formed sample Stocks produced by R & D have two hand sprayed coats of RK-W and end sealing. This plus elimination of contamination and chrome plated dies has resulted in the R & D tests of weatherability being equal to or better than the current sanded Stocks.

If a customer cut the Stock shorter, more swelling could occur on the press formed Stock. Marketing therefore requested instructions that can be sent customers for sealing the wood after cut-off. The sealer should be one that can be obtained from local paint stores. Recommendations should be requested from the F & F Dept. of duPont.