

FIREARMSSHOTGUNSMODEL 870 SLIDE ACTION SHOTGUNShort Stock Press Forming - Model 870

An RK-W finish Stock and a molded Stock which were tested for abrasion resistance were shown to the Committee. The molded Stock indicated less indentation in a steel ball drop test. Also the abrasion resistance was greater on the formed Stock as the wood is densified to a depth of approximately 1/8". While not tested, there should be more resistance to scratching.

The production sample Model 870 gun was presented for Committee approval. Marketing commented on the flat on the top of the Stock and the fit of the Butt Plate. Since the Butt Plate and Grip Cap are assembled to the finished Stock, there will be some mismatch. Under the present process, parts are assembled to the Stock and sanded to match.

One hundred and fifty (150) Stocks are at the finishing operations and an additional one hundred and fifty (150) are being started. The present completed equipment at 80% efficiency should produce 43,000 Stocks per year on a two-shift basis.

ERD stated the project provides funds for equipment to produce 100,000 Stocks per year. Additional equipment should be completed in three to four months.

A request was made to make a comparison of molded and current production Stock weights.

ERD stated a method of grinding Recoil Pads to match the formed Stock has been developed. The fit should be equivalent to the field assembly of Recoil Pads to a RK-W finish Stock.

A project is being submitted to start development of a pressed formed Fore End.

83