

SHOTGUNSMODEL 1100 DUCKS UNLIMITED - Contd.

Production reported that all design transmittals are complete except for the emblem. Roll Mark drawings are available and rolls will be ordered.

Economics are being revised due to a late change in Barrel specifications for the Trade Gun. Drawings as issued call for a 32 inch Barrel. As there are currently no 32 inch Barrels made, a process will have to be developed and tooling designed. This Barrel will have to be processed on Model 3200 equipment, similar to the 34 inch Barrel. The economics will be reviewed in detail at the December meeting along with a trial and pilot schedule.

Research reported that tests using a bronze blank to simulate the Commemorative emblem will be completed in December. The emblem design will be transmitted upon successful completion of these tests.

MODEL 870 20 GA. LW LIMITED  
(1981 Introduction)

Production reviewed the economics shown in Exhibits 16 and 17.

Marketing reported that this model was displayed at the Annual Sales Meeting, and received a favorable response from the Field Force. Particular interest was shown by our shooting development specialists. They plan to use the 870 Limited in their school shooting programs. Marketing emphasized at the Sales Meeting that the gun is not ready for formal announcement. The Field Force was instructed to delay discussion with the Trade, pending trial and pilot and management approval.

MODEL 1100 LINK BREAKAGE

Research reported that broken Links from the 1980 Grand American appear to have failed by a fatigue mechanism. Fracture surfaces on ten Links were examined by Du Pont ETL. All showed indications of crack initiation by fatigue loading. ETL recommended: Redesign of the Link to reduce mechanical stresses; improved machining to reduce surface roughness; and/or use of shotpeening or nitriding to increase resistance to fatigue crack initiation. Redesign is being considered. A full progress report will be prepared for the January meeting.