

31 March '93

To: Ken Soucy
From: Tom Powers
Subject: Monthly Report for March '93

M/OU Barrels & Side Ribs

The fit of the side ribs has been resolved. Barrels were shipped to Briley and Kolar to test for compatibility of skeet tube sets. Both are due back by the end of next week. Neither has reported any problems with their installations.

M/11-87 European

Four prototypes were assembled and shot for bolt velocity. Two of the fore-ends became cracked; one before assembly and the other during gallery testing. These were replaced with cut-down Premier fore-ends made of Butternut. The fore-end reinforcing screws had stripped their holes also. Additionally, the recoil pad screws stripped their holes when the recoil pad was reinstalled after the stock was mounted. These concerns have been related to our personnel at S&K. We have begun testing of the Premier and Sporting Clay's .100 increased-wood prototypes. Pending the results, the European fore-end should reflect this new geometry. The size of the screw holes will be reduced to improve screw engagement.

M/870 & M/11-87 Upgrades

Need to issue new drawings for the barrel assembly. Estimated completion by 16 April.

Improved Recoil Pad

Investigation into alternate materials has begun. Under consideration are PBD (Poly-Buta-Diene) and Alcryn, a DuPont melt processible rubber. The first application will be on the Peerless. A CAD model and drawing should be available by the end of April.

M/870 Mil-Spec 3443E

John Rogers is attempting to get the testing specifications from the government so we may conduct an in-house test of the 26 guns we built.