

2 March '93

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

M/OU Barrels & Side Ribs

The fit of the side ribs has been improved and needs approval by Marketing. The improvement was made by making dimensional changes to the side rib and front barrel spacer and by assembling the side ribs with black RTV, a silicone adhesive/sealant used to form gaskets in automobile engines. The side ribs no longer make noise when tapped or allow light to pass through from side to side. A gun will be shipped to Briley by March 5 to test for compatibility of skeet tube sets.

M/11-87 European

Assembly of the prototypes expected by March 5 to be followed by Design Acceptance testing. The testing may be delayed due to the upcoming Peerless Trial & Pilot.

M/870 & M/11-87 Upgrades

Need to issue new drawings for the barrel assembly.

M/870 & M/11-87 Magazine Follower

Completed and in production.

Improved Recoil Pad

Investigation into alternate materials has begun. Under consideration are PBD (Poly-Buta-Diene) and Alcryn, a DuPont melt processible rubber.

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.

M/870 Action Bar & Slide

We are in production with these parts.

20 Ga. Rifled Barrel

Awaiting ammunition to begin testing.

Shotgun POI

We will investigate using a Krieghoff-style globe front sight and retapering the vent rib within the confines of the current blank.

10 Ga. IC Choke Tube

Prototype design and fabrication to be complete by the end of March.

Rifled Choke Tube for Sabot Slugs

We have acquired two Browning rifled tubes for testing. Our design should be similar.