

26 January '93

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

M/OU Barrels & Side Ribs

The fit of the side ribs will have to be improved. They must not make noise when tapped or allow light to pass through from side to side. We will investigate the use of adhesives, double-sided tape and gap-filling compounds to provide the require fit. The web thickness for the front spacer has been specified at .073" for all three barrel lengths. Point of Impact for 26" and 28" barrels with this spacer are acceptable. A preliminary copy of the POI specification has been issued. Other dimensions on the front spacer may change as a result of the side rib attachment revisions.

M/11-87 European

This program has been reassigned to the 1994 development schedule. Four additional butternut stocks and fore-ends have been received from S & K. They will be checkered and assembled to guns for testing. The special European ammunition for testing has been received. Additional prototype action bar sleeves have been made. The prototype gun (26" Bbl.) weighed exactly seven pounds.

M/870 & M/11-87 Upgrades

Process Engineering has provided a barrel assembly drawing with their in-process dimensions, to be used as a guide for the new drawing we will issue.

M/870 & M/11-87 Magazine Follower

Testing complete, test results and approval forthcoming.

Detachable Recoil Pad

This program has been dropped. It will be replaced by a improved recoil pad program.

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

The slides were received in December and the action bars in January. Both parts are acceptable.

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.

Time?
LINE?