

29 Oct. '93

To: Bob Orf
From: Tom Powers
Subject: Progress Report

M/OU

Production & Process Engineering are building 30" barrel assemblies, with the new front spacer, for trial & pilot. Design work on the new Peerless Sporting Clays has been redirected toward a simplified version for 1995 introduction. Prototype vent ribs for the SC model are in the tool room for modification. The new recoil pad design is out for quoting.

M/870 FBI

The DCR for this new model has been transmitted. First shipment scheduled for January.

M/11-87 DEA

We have not received notification yet, concerning either the endurance test or the results of the Phase 1 testing.

20 Ga. Rifled Barrel

Group sizes using UR-type barrels with both 1 in 24" and 1 in 35" twists, and both 45 cal. and 49 cal. sabot-slugs have been in the 2" to 4" range. The best group sizes that have been obtained with a M/870 barrel, regardless of twist or bullet caliber, are in the 5" to 8" range. Development is continuing in Lonoke.

Shotgun POI

The prototype front sights will lower the POI by 1.13" and feature a hexagon shaped base which will greatly simplify alignment at assembly. A durability test will be devised and conducted before we spend \$8,000 for a mold to make the new bead.

12 Ga. Rifled Choke Tube for Sabot Slugs

Testing indicates that a 3.5" tube with a 1 in 35" twist provides satisfactory results. The portion of the tube outside the barrel will be knurled. There will not be any port holes. Development of various twist rates will continue, with accuracy testing being conducted in Lonoke. Results expected within five weeks.