

TO: KEN SOUCY

FROM: MICHAEL KEENEY

DATE: 12/04/92

TOPIC: NOVEMBER 1992 PROGRESS REPORT

o PROCESS DEVELOPMENT/RESEARCH OF NBAR:

Experimental forging mandrels have been designed and are currently being manufactured. Delivery is expected by 12/18/92. Production has reviewed the proposed forging operation and agreed to support the development work by permitting the use of a production GFM.

Once the RECBAR (receiver/barrel assembly) has been forged, the subsequent operation will face the locking surface. Due to the complexity of the cut, special tooling will be required. One quote for the special tooling has been received, the second is expected by 12/10/92.

Work orders have been issued to the Tool Room for all major components required to produce the focus panel guns. The Custom Shop will produce the stocks once the RECBAR's are completed.

o M/7400 M.I.M OPERATING HANDLE/BOLT CARRIER ASSEMBLY:

The test request has been issued for endurance testing of an additional six assemblies.

o ECM of CENTERFIRE RIFLING:

As of November 17, the test lab had fired 500 rounds through each of the twenty guns. The accuracy evaluation at that point produced an average five shot group size of 1.06" for the ten ECM guns and 1.12" for the ten standard production guns. Endurance testing will continue with accuracy evaluation at 1000 rounds and every 1000 rounds thereafter.

o REAR SIGHT SLIDE IMPROVEMENT:

Sample slides have been received and assembled to the six M/7400 firearms scheduled for operating handle endurance testing. The alteration appears to have allowed the slide to be firmly clamped prior to failure of the clamp thread. The endurance testing will show whether the slide will remain stationary. M.I.M. is reviewing the proposed change and will be submitting a quote for tooling alteration.

o M/320 EJECTOR SEAR PROCESS:

A temporary operation has been developed to machine the left and right ejector sears. The operation has been released to production.

o M/320 BARREL ASSEMBLY POLISHING:

Currently developing a process to jewel the side faces of the monoblock. The current proposed process involves the use of an existing CNC Vertical Machining Center and the production pallet system. The model drawings and pallet system prints have been submitted for quotation. Receipt of the quotation is expected by 12/9/92. The production process is expected to be complete by 1/29/92.