

TO: KEN SOUCY

FROM: MICHAEL KEENEY

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TOPIC: JUNE 1992 PROGRESS REPORT

o PROCESS DEVELOPMENT/RESEARCH OF NBAR:

The development and evaluation of an EDM operation to produce a three lug locking system, has been completed. A complete report from Ingersoll Gmbh, consisting of electrode wear, cycle time, process controllability and component quality, along with the test samples, are expected by July 10. The GFM mandrel developed as a contingent process to the EDM operation had been sent out for quotes. The quotes are due by July 13.

Due to back log of work waiting to be processed through the tool room, the components required to produce the bolt assembly for the two piece test action have not been completed. The barrel and receiver components are 85% complete. Testing should be complete by mid August.

o ECM of CENTERFIRE RIFLING:

Currently there are ten ECM rifled barrels assembled into M/700 Varmint actions and ten standard M/700 Varmint actions undergoing endurance and accuracy testing. The test consists of 5,000 rounds of endurance with accuracy testing at 100, 500, 1000 and each 1000 rounds there after. Before accuracy is shot, each barrel is inspected for bore and groove dimensions as well as visual deterioration of the rifling. Testing is currently approaching the 500 round endurance level.