

9/30/93

PROGRESS REPORT FOR SEPTEMBER

TO: RICHARD JACKSON

FROM: GARY BARNES

\*M/700 DM - Cedarville Manufacturing was machining the DM latches but with M.I.M. close to having a coining tool that will provide us with a latch which no secondary machining is required, we have since halted their operation. They will however continue to machine the follower until M.I.M. comes on line with that component.

The process record operation detail has been written and submitted to AMAPS for the latches and the follower.

- Magazine assembly fixture is near completion to enable the assembly of the phase II trial pilot boxes scheduled for 3rd week of October.
- Tri-Ordinate cams for the TR-133 have been altered to bring the receiver to gage and are at the heat treaters getting flame hardened. They are scheduled for October 5 delivery. The TR-124 cams are being modified and should be delivered before the 18th of October. Modifications were necessary because of machine deflection resulting in excessive material for the finisher to remove. The short action cams are scheduled for October 25 delivery.

\*CLASSIC - The chamber tooling and gage designs are complete with build deliveries the first week of November. The marking roll is being expedited to meet the gun writers seminar in mid October.

\*DEHOFF - S.O.P. is now complete and the process record is being worked on. The training of operators has started and will be on going.

\*CROWN - The cutoff and crown has been grouped with the centerless polish operation. The work center will be run as a cell. The new mountain rifle crown will be implemented as the training progresses.

\*M700 - Changes to the second pass broach design will improve the tool life of the third pass broach as new broaches are received. The second pass broach was allowing the regrind to take it above the allowable chip load per tooth of the third pass broach.

\*M/7 SS - The barrel, firing pin and bolt assemblies are complete and ready for assembly. The trial and pilot will take place the first week of October.