

Gary Barnes

MONTHLY REPORT FOR AUGUST 1993

- * M/700 DM - The program has been written and debugged with the assistance of Joe Mead to machine the latches and follower complete from the investment casting. The machining has since been moved to Cedarville Manufacturing because of manpower and machine constraints.
 - Developed polishing samples for both the latches and the follower to establish the standards for production.
 - Magazine assembly fixture fabrication will not be complete for the phase I trial and pilot. Manual assembly utilizing the development mandrel will enable us to have magazine assemblies on time.
 - The cams to manufacture the altered receiver magazine box opening and the bevel cut for the TR 124 Tri-Ordinate were received the week of the 22nd. The receiver did not meet the overall length gage. Both the manufacturer and myself are reviewing the calculations and the setup to correct the length. The manufacturer is continuing with the TR-133 cams using the same dimensions as the TR-124 because of the delivery time constraint. He has the capabilities to alter the 'Y' cam to bring the length to dimension if no setup error was involved.
 - The quote for the short action receiver cams has been received with a 6-8 week delivery. This makes the October build schedule very tight. I gave Hogland a verbal okay to start the design August 31 with a 7 week due date. The gages have been designed with build to be complete by mid September.
- * Classic - All TDR's have been submitted to date. The cutters are 90% designed and are under review currently. The P.O.'s will be in place by September 3. This again will be a constraint to the early November T&P. The gage designs will follow the cutter designs with the fabrication performed in-house.
- * DeHoff - The second gundrilling machine was received in July with the installation being completed mid August. The first machine has been shut down to update the tailsocks to the improved design. The development of the feeds and speeds for the different calibers are 75% complete. The perishables are currently stocked in stores. The machine setter is fully trained on the operation and setup of the machine. The novice operators are to receive their training from the machine setter with the assistance of the S.O.P..