

August 30, 1993

TO: R.J. ORF
FROM: D. RONKAINEN

RE: MONTHLY REPORT, AUGUST 1993

OVER/UNDER MISCELLANEOUS PARTS

- * Process development for drilling the fore end screw holes in the C-style Fore End Irons is ongoing. A special size endmill, currently in design, is required to hold hole diameter and position within tolerance.
- * Sample C-style Fore End Irons were polished with Frames and Monoblocks to establish the polishing process. The process is not yet perfected.
- * PMI was contacted regarding additional barrel clearance on the Fore End Iron. The tooling was reworked and sample waxes have been approved. First production quantities are expected to be shipped the first week of October.
- * The new Locking Bolt (#4) has been added to AMAPS and process records, and the gages are in design. The new Locking Bolt is currently being processed in production.

SHOTGUN BREECH BOLT BROACHING

- * A representative of Ohio Broach Company inspected the three broach machines and is formulating a quote for machine repair/replacement. Two other companies have inspected the equipment and will also submit quotes.
- * A routine for having outside vendors regrind the breech bolt broaches is being established. A trial set of broaches have been reground at Eagle Tool and will be put into operation next week.

11-87 ACTION BAR ASSEMBLY MACHINE

- * A Capital Request was submitted to Dan Shumway for redesign of the press head on the Action Bar Assembly Machine. The redesign will eliminate the problem of rivets jamming during automatic feeding. Estimated capital cost is \$39,000.

SP10 CASTINGS

- * The first Carrier castings were received from Hitchner Manufacturing. Frequent contact with the vendor has helped to resolve a gaging difference regarding part print dimensions, and has helped establish visual acceptance standards for this component.
- * Bolt casting samples were received from Precision Metalsmiths and are currently in inspection.