

Monthly Report For August 1993
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M/700 Detachable Items:

- Investment Cast Mag Latches (left and right): The molds have been approved for production. The fixtures and programs for secondary operations have been completed, CMCI is machining the parts due to capacity constraints.
- Investment Cast Followers (long and short): Approximately 400 long action Followers have been received and were modified for use on the T&P. The mold is being corrected and we are due to receive 2,100 more. The short action mold has been tried. The parts required some modifications before they could be used. The mold is being modified, with parts due the first week of September. The fixtures and programs for secondary operation were also completed. The parts will be machined at CMCI.
- Trigger Guards (long and short): A T&P quantity of 220 long actions were cast and machined at Product Technologies. A first article layout has been completed on the castings and they have been approved for production. The trim tool is being completed and powder coated and the latch cuts were finished machined. A T&P quantity of approximately 300 short actions have been cast. The trim tool will be completed by the second week in September. After trim, the 300 parts will be used for T&P. We are awaiting samples for first article layout. The die caster is experiencing problems with both the long and short action dragging / sticking in the mold. We are working on a modification to the mag box cores for both, that should solve the problem.
- Synthetic Stock: Sixty Stocks have been inlet for the T&P. A new rotating fixture adapter for the existing inlet fixture is being completed in the Tool Room. The material savers are being implemented for both the long and short actions. We are awaiting a quotation to mark all four barrel channels with the Remington logo and barrel type identification.

M/700 Recoil Pad: We have had some difficulties in molding these parts in-house. We opened the gates in the Tool Room and are currently running three of the four cavities and glass beading for cosmetics. Designs have been submitted to Three Rivers Tool to modify the vents and coring in the parts to maximize flexure. We will modify one of the four cavities and run parts for marketing approval before proceeding with the balance of the cavities. This modification should also help fill all four cavities.

M/522 Synthetic Mag Box: Four new materials were molded with the experimental mold. One sample consistently went over 800 rounds. The parts were examined and modifications to the mold have been determined that will strengthen the design. A quote has been received and the work will be completed within the next three weeks. We will run again at this time. We are also investigating chrome plating the parts to improved surface toughness. The next samples should be ready for test by the end of September.

Synthetic Common Trigger Plate: Modifications have been made to our single cavity experimental mold that included strengthening the bow. Sample parts will be molded by the first week in September for testing in the lab.

Synthetic Short Stock & Fore Ends: The designs for both M/870 and 1187 Fore Ends have been completed and approved by Marketing. Another version of the common short Stock has been modeled by Dave Findlay and is being cut by Bob Sanzo to determine integrity of the surfaces. When complete, this cut sample will be shown to Marketing for approval.

Mold Shop Project: A project has been submitted that will allow us to move the mold shop from 76-2 to 60-1 N. We would also install a new 500 ton molding machine along with central mixing and drying capabilities. We are waiting for approval.