

February 24, 1992

TO: Hal Munson
FROM: Jim Ronkainen

SUBJECT: February Monthly Report

M/700 SS

Major progress has been made in the last month to complete all of the parts necessary for Design Acceptance testing. The last seven standard caliber guns for testing will be finished in production by 2/26. Design Acceptance testing began 2/17. To date, the testing has shown the following:

- o magnum magazine capacity is tight (specs cannot be met with the MIM follower)
- o recoil is high due to the light weight of the rifles
- o feeding problems early on due to magazine spring G'ing under recoil (fixed)
- o initial accuracy meets specifications
- o usual problems with magnum extractors (fixed in production as they occur)

Identification markings have been added to all parts except the magazine and the bolt handle. Markings for these two parts will be worked out with the vendors shortly. The checkering pattern for the stock has been altered slightly to improve the aesthetics of the stock. Parts for Trial & Pilot have started to arrive. T&P for March is still on schedule.

M/700 Detachable Magazine Box

The prototype detachable magazine box was shown at the January Product Team meeting with an overall favorable response regarding its aesthetics and ergonomics. The same sample box was shown to Bobby Brown with a similar favorable response. Fred Martin and Ed Klock have completed modeling of the design on the CAD system and detailing will begin this week. The aesthetic and ergonomic issues raised at Product Team have been addressed in the CAD model of the part. Once detailed, the parts will be sent out for quote to develop a rough cost estimate for the design. Refinement of the design to improve manufacturability will be reviewed with the vendors at that time. A timeline for this project will be developed in the next two weeks.

A follower for the sample box is being made in the tool room to allow evaluation of the feeding from the box. A capital project for the tooling to produce the box will be written once a plan is developed as to which versions of the M/700 will offer the box.