

M/710 Development Status

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EET Prototype Development

Procurement of prototype components for the Engineering Evaluation Test is almost complete. There are two components (receiver inserts and barrels) that have not been completed. The Hanson Group sampled the receiver insert mold in Taiwan on 4/13/99. The objective of the runoff was to ensure the tool would cycle and that the parts appeared to be consistent with the model. According to Rich Kosko of The Hanson Group, the runoff went well and the parts "looked" good, no dimensions were taken at that time. The tool was shipped directly to Detroit, MI to begin processing samples for dimensional inspection. The tool arrived in Detroit on 4/23. Molding of the dimensional samples will begin today, 4/26. R&D is expected to have a sample of this runoff on 4/27. EET sample delivery will depend on the dimensional review and subsequent tool alterations. EET barrels are completely machined and have been delivered to the heat treatment vendor. Current return date for the heat-treated barrels is 5/11, but may be delayed if complications arise. As soon as the receiver inserts and barrels arrive, the assembly will begin. Engineering Evaluation Testing will include intentional abuse (high pressure) and functional analysis to verify design integrity. Test results and a representative sample will be presented during the 6/9 program review.

May Milestones

- Start EET, complete by 6/4/99
- Begin design improvements based on EET assembly and results
- Begin procurement of DAT components, DAT scheduled to begin 6/28/99