

M/710 Stock Development Status

On Friday Feb. 4, 2000, representatives from all parties involved in the M/710 stock program met at Par 4 Plastics for a design review. Those attending were: Matt Golemboski and Joe Zajk from Remington/Mayfield, Todd Cook and Mike Keeney from Remington/E-town, Sam Todd from Par 4 Plastics, Gary Hillyard and Michael Alvey from Quality Tooling. Sam Todd, Gary Hillyard and Michael Alvey met with Todd Cook on Wednesday Feb. 2, 2000 at Remington/E-town to develop a final coring strategy for the butt end of the stock. At the Feb. 4 meeting, Todd reviewed the improved core layouts based on the Feb. 2 discussion, all involved approved the layout as it stood but Todd, Gary and Michael discussed a slight core change to further reduce a thick wall condition. Gary and Michael indicated the change would not affect the tool build or delivery schedule, Todd will complete the alteration by Feb. 11 and supply files to Quality Tool. Par 4 and Quality Tooling indicated that the tool would be complete by April 10, with mold sampling to be complete by April 13, 2000. 83

Once the butt core issues were resolved, the group reviewed all aspects of the stock design, material, tool design, molding, and secondary machining. Par 4 has quoted and will be responsible for drilling the sling stud holes, assembling the magazine latch, and based on cycle time may install the recoil pad. A detailed drawing depicting the location of the stud holes is required before Quality Tooling can begin the design of the drilling machine. The trigger bow area was discussed in detail. Due to computer modeling issues, edge filleting of the trigger bow was not possible. Therefore, Quality Tooling was asked to apply a .03" radius to all edges of the trigger bow and apply a .125" radius to intersections of the trigger bow and stock on the shooters left and right hand sides. Remington/E-town will be responsible for material identification and procurement for sampling of the tool.

At this point in the program, all parties believe the April 10th tool delivery to be valid. Any changes beyond those discussed above will cause delay in the tool delivery. The tool finish will be left as EDM'd for the tool sampling. This will be done for two reasons; one, to allow for alterations/corrections prior to final polish and texturing and two, to reduce lead time for synthetic stocks for testing.