
M E M O R A N D U M

DATE: May 24, 2006

TO: Jim Rabbia

FROM: Mike Santillo

RE: M/710 Rev 2 High Spot Estimate Review meeting -
8/26/98

CC: J. Mead, D. Diaz, M. Keeney, J. Swanson, W. Zarnoch, M. LeMay, J. Parkhurst

The following is a synopsis of the brainstorming meeting held on August 25, 1998, in Ilion. The premise of the meeting was to review the original high-spot estimate done by Ilion on 6/9/98, identify potential cost savings and to review the proposed design concept for changes. The goal is to lower the manufacturing cost to the target range of \$100-\$106. Below are the items discussed with significant points pertaining to each. Each item is then summarized with a path forward.

Barrel - Summary

- Cold Forge of rough chamber and/or locking lugs as a possibility
- Concern expressed around selective Heat Treat of breech end - Needs Clarification
- Defined secondary machining of locking notches
- Elimination of threads @ hub end - Press fit with receiver
- No spin polish matte finish (Express Finish)
- No finish heading - Interchangeable bolts @ Ass'y
- Mayfield to quote button rifling & machining for product differentiation

Path Forward: Ilion is to provide a rev. 2 high spot estimate to machine the barrel complete with the afore mentioned design changes, including capital money required.

Receiver - Summary

- Alter design to round receiver with straight thru-hole to accommodate use of 1010/1018 steel tubing w/ .005 total tolerance I.D. - No Tang
- C-bore breech end to press fit on barrel
- Possibility of need for secondary staking of receiver to barrel - To be determined by design acceptance testing
- Defined secondary machining operations to be performed:
 - Magazine well opening
 - Ejection Port - same as M/7600
 - Cam Screw Hole

Subject to Protective Order - Williams v. Remington