

December 29, 1990

TO: Hal Munson
FROM: Jim Ronkainen *JR*
SUBJECT: December Monthly Report

STAINLESS STEEL M/700

This month I found that we cannot heat treat 416R stainless steel in-house due to furnace temperature and quenching facility limitations. Heat treating the receivers off-site could present problems with BATF regulations unless the receivers are baby-sat at the heat treater. Prototype stainless receivers will be heat treated off-site with someone from Remington present to insure compliance with BATF regulations. Once heat treated, the receivers will be tempered at Remington to achieve proper hardness. The economics of heat treating the stainless receivers in-house versus off-site will need to be evaluated by Process Engineering.

Salt spray testing on the electroless nickel plated fire controls is complete. Two groups of plated fire controls (oiled and unoled) were run with two black oxide control groups (oiled and unoled) to compare the corrosion resistance of the coatings. After 192 hours of salt spray, the oiled plated fire controls were still functional, the unoled plated fire controls were still functional except one safety, and both groups of black oxide coated fire controls were not functioning.

A meeting is slated for January 30 with marketing to discuss and develop centerfire rifle strategy and a product development schedule.