

Research & Technology Status

(S. Franz - 31 January 2005)

• Test Lab Status

- 105 CTi
 - DAT in Process
 - Completed
 - Part Inspection Data Compiled
 - Preliminary Measurements
 - Live Round Extraction
 - High Pressure Abuse
 - SAAMI Jar-Off, Drop and Rotation
 - Initial Jack and Shoulder Function
 - Five Field Cycle tests
 - Endurance Status
 - At 7.5K on 5 guns
 - Part breakage data being compiled
 - No major components breaking, although we did break one of the latest Cam pins (heat treat was incorrect), springs setting/breaking, feedlatches setting, Fore-ends, 1 rib...)
 - **Need to get new guns with the latest changes to really assess the current design**
 - **No BOI since action bar change**
 - Remaining
 - Environmental (Cold, Hot, Heat & Humidity, Thermal Cycle)
 - Salt Fog & Rain
 - Additional Abuse (12/20, wad obstructions)
 - Dry Cycle
 - Debris Tests
 - Pattern & POI
- 710 Extruded Receiver
 - T&P Started – Expect completion in February
- 2005 Spartan Line Testing
 - O/U Combo Testing Complete – No Issues to report
 - 16 Gr. SXS Testing Complete – Recommend checking clearance between trigger and trigger guard. I will communicate a minimum acceptable clearance soon.

Subject to Protective Order - Williams v. Remington