

**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