

- Abuse Test continues (Started Extended Jar-Off Test)
  - ❖ 1 gun fires at 2 feet with gun horizontal, bottom down
- **Tuesday 9/12/00**
  - Magnafluxed the 20 remaining guns bolt heads (No Indications)
  - Completed Preliminary Measurements on 20 guns
  - Started Detailed Measurements on 10 guns
  - Started 200 rd. Jack Function Test
    - ❖ Magazine box spot welds breaking, notified Mayfield
    - ❖ Box bottoms a some guns fell off during shooting (repaired)
    - ❖ Used Mag. boxes from non shooting guns to continue testing
    - ❖ Top Front of box bending outward
    - ❖ Front of box dimpling from rounds in box (Recoil)
  - Measured shear strength of spot welds on Instron (Jiranek)
    - ❖ Measured 5 magazine boxes (3 DAT, 2 Current Prod.)
    - ❖ Current Production strength 3X that of DAT samples
  - Mayfield to send new production magazine boxes
- **Wednesday 9/13/00**
  - Received 84 production magazine boxes (not colored)
  - Completed 200 rd. Jack Function Test
    - ❖ Welds still breaking on new production boxes
  - Measured shear strength on new production magazine boxes
    - ❖ Large variation in shear strength measured
  - Started Shoulder Function Test with production boxes (still breaking)
  - Had 18 boxes TIG welded
  - Completed Shoulder Function Test with TIG welded boxes (no box failures)
  - Mayfield informed of production box performance
  - Mayfield working on improving weld, new boxes expected early next week
  - Extended Jar-Off Test Continues
    - ❖ Additional guns fire at 4 foot (Did not fire via over-ride)
    - ❖ Broke 2 more inserts (Note: did not fire when broke)
  - Completed POI Test
    - ❖ Can't zero one gun (shooting high and rear sight all the way down)
    - ❖ Bolt Stop not working on some guns
  - Started Cold Test
    - ❖ Put gun/ammo in storage overnight
  - Detailed Measurements on 10 guns continuing
- **Thursday 9/14/00**
  - Started Accuracy
  - Completed Extended Jar-Off Test (replaced inserts on last two guns)
  - Started Extended Drop Test

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