

- 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/amm 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