

M/710 DAT Phase II Status

(18 September 2000)

Conference Call Discussion Items:**• Schedule Update**

- | | |
|-------------------------------|---------------------------------|
| 1. Preliminary Measurements | Completed (30 guns) |
| 2. Detailed Measurements | Completed (10 guns) |
| 3. Function/Endurance | |
| Jack Function Test | Completed (10 guns) |
| Shoulder Function Test | Completed (10 guns) |
| POI Test | Completed (10 guns) |
| Accuracy Test | Completed (10 guns) |
| Endurance Test | 10 guns @ 1,000 rds. |
| 4. Abuse Testing | |
| SAAMI Drop, Jar-Off, Rotation | Completed (7 guns) |
| Extended Jar-Off | Completed (7 guns) |
| Extended Drop | Complete through 6 ft. (7 guns) |
| Cold Test | Completed (1 gun) |
| Hot Test | Completed (1 gun) |
| Thermal Cycle Test | 2 of 6 days completed (1 gun) |
| Field Debris | Completed (1 gun) |
| Rain Test | Completed (1 gun) |

ISSUES for DISCUSSION

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|--------------------------------|----------------------|
| • Insert Support Bracket Screw | Process Issue |
| • Safety Arm Clearance Cut | Process/Design Issue |
| • Hard Bolt Closing ✓ | Process Issue |
| • Magazine Box Spot Welds | Process Issue |
| • Magazine Box Deformation ✓ | Design Issue |
| • Field Debris Test ✓ | Design Issue |
| • POI | Process Issue |
| • Bolt Stop ✓ | Process Issue |

*- Scope Rail**- Broken Firing Pin**- Broken Box Hanger (Hanger Cross Bar Force)**10 - @ 1000**6 - @ 2000**3 - @ 5000 ALMOST*

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