

## **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**

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