## Test Lab Work Request Form

Rev.3 –20 April, 2000

| Date Submitted: 10/4/00 | Tracking # : TLW 0319            |
|-------------------------|----------------------------------|
| Project # : 241095      | Engineer: S. Franz for M. Keeney |

## Test Objective:

To determine performance of the M/710 Bolt Action Rifle during standard SAAMI Drop, Jar-off and Rotation tests when fitted with an engagement screw with a 60 deg. Cone configuration on the end of the screw (Dwg. B-300448, Alt. D).

## **Test Description:**

- Obtain 6 working M/710 DAT guns from series B-1 through B-10.
- Install new engagement screw with the 60 deg. Cone configuration (See Phillip).
- Set trigger pull specifications to process minimums.
  - 1. Set Trigger Pull to 4.0 lbs.
  - 2. Set Engagement to .020 in.
- Perform Standard SAAMI Jar-off Test on all 6 guns. (All 6 orientations)
- Recheck Trigger Pull and engagement after Jar-off Test.
- Reset Trigger Pull and Engagement to process minimums if needed.
- Perform Standard SAAMI Drop Test on all six guns, (All 6 orientations)
- Recheck Trigger Pull and Engagement after the Drop Test.
- Reset Trigger Pull and Engagement to process minimums if needed.
- Perform Standard SAAMI Rotation Test on all six guns. (Right & Left Side)
- Recheck Trigger Pull and Engagement after the Drop Test.

| Resource Usage:  | Test Results Required:             |  |
|--|------------------------------------|--|
| Manpower Requirements -2 techs.                          | Formal Report: Data Only: X        |  |
| Facility Requirements – Drop Area                        | Requested Completion Date: 10/6/00 |  |
| Required Materials/Parts/Equipment (include quantities): |                                    |  |
| Test Parts Availability Date:                            |                                    |  |
| Start Date: Test Assig                                   | gned To:                           |  |
| Completion Date:   |                                    |  |
| Report Date: Assignment Date:                            |                                    |  |