

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 5 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 5 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:

Manpower Requirements -2 techs.

Test Results Required:

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: 10-5-00

Test Assigned To: Bob Lee & Jesse Arnold

Completion Date: 10-6-00

Report Date: 10-6-00

Assignment Date: 10/05/00

ET08268