

Test Lab Work Request Form

Date Submitted: 10 March, 2000

Tracking #: TLW 0010G

Project #: 241095

Engineer: J.R.SNEDEKER

Test Objective:

TLW0010G - Measure Safe On/Off Forces:

Using the Chatillion Digital force gauge and the wooden holding fixture used to take trigger pull readings, push the Safe to the "Safe Off" position on each test sample. Complete three trials. Record all three readings for each firearm. Repeat the test, this time pushing the Safe to the "Safe On" position on each trial. Record all three readings. Average each of the three sets of readings in each direction for each test sample. These measurements are for information only. A minimum of 1 lb. force in either direction will be assumed as the reference criteria.

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Test Description:

Method:

- Use trigger pull apparatus to hold the rifle for this test.
- Use the Chatillion Digital Force gauge (0-10 lb. range) with the disc point or the "v" shaped point. Use the same tip on all subsequent trials.
- Make three trials in each direction for each sample.
- Average the results of each of the three trials.
- For Phase II rifles, the ISS system will be checked.

Data Required:

- Rifle serial number
- Each of the three readings for each direction on each sample
- The average of each of the three sets of readings
- The results of the ISS system check.

Resource Usage:

Manpower Requirements -

Facility Requirements -

Test Results Required:

Formal Report: **Data Only: X**
REQUESTED Completion Date:

Required Materials/Parts/Equipment (include quantities):

Test Parts Availability Date:

Start Date: 3-17-00

Completion Date: 3-17-00

Report Date: 7/7/00

Test Assigned To: JESSE ARNOLD &
BOB LEE 16 March, 2000

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