

Test Lab Work Request Form

Rev.3 -20 April, 2000

Date Submitted: 01/26/04	Tracking # : TLW 1382
Project # : 241314	Engineer: Reesor/ Franz
Test Objective: Qualify new trigger process for Model 710 rifle.	
<p>Test Description: Perform SAAMI Jarr-Off testing on 710 Magnum rifles using new triggers.</p> <ol style="list-style-type: none"> 1. Select 6 rifles from 710 Magnum T&P SAAMI testing- A41 to A46 2. Thoroughly inspect all rifles for damage and replace components as needed. 3. Replace original triggers with new triggers w/ machined front surface (match triggers to connectors and verify fit before installing) 4. Reset trigger pull & engagement to process minimum setting (trigger pull- 4 lbs. & engagement .020") 5. Perform std. SAAMI Jarr-Off test only <p>GUN A-41 FIRED ON BARREL HORIZONTAL BOTTOM OF STOCK DOWN. STOPPED TEST (SCOTT FRANZ) TOOK MEASUREMENTS TLW 1383. MEASURED GUNS A-41 THUR A-46</p>	
<p>Resource Usage:</p> <p>Manpower Requirements -</p> <p>Facility Requirements -</p>	<p>Test Results Required:</p> <p>Formal Report: Data Only:</p> <p>Requested Completion Date: 01/26/04</p>
Required Materials/Parts/Equipment (include quantities):	
Test Parts Availability Date: 01/26/04	
<p>Start Date: 1/26/04</p> <p>Completion Date: 1/27/04</p> <p>Report Date: 1/27/04</p>	<p>Test Assigned To: Steve Wade, Jeff Wade</p> <p>Assignment Date: 01/28/04</p>

ET33863

TLW 1382

Project No. 241314

S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST**JAR-OFF TEST**

Firecontrol No. A41 Firecontrol Type: std. Date: 1-27-04
 Dry Cycles/Rounds Completed: _____ Stock Type syn.
 Engagement at Start (1) .0203 (2) .201 (3) .0201 Average .0203
 Engagement at End (1) .0203 (2) .204 (3) .205 Average .02046
 Model No. 710 MAGNUM Serial No. 71148995
 Trigger Pull at Start of Test (1) 3.851 (2) 4.091 (3) 4.089 (4) 4.076 (5) 4.126
 Average Trigger Pull at Start of Test: 4.047 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.134 (2) 3.980 (3) 3.937 (4) 3.984 (5) 3.992
 Average Trigger Pull at End of Test: 4.005 Std. Dev. of Trigger Pull at End of Test: _____

Tester Initials: JW/SW

Additional Notes and Comments

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For additional details on the proper procedures to be used for this Test Procedure refer to:

ANSI/SAAMI Z299.5-1990

SAAMI Specifications for Standard Jar-Off Test:

Jar-Off Test: 12-inch drop - onto 1" thick 85 Durometer (Shore A) Rubber Matt
 Firearm ready to fire, Safe in "Fire" position, Fresh Primed Case in
 Chamber, Magazine loaded to capacity with Dummy Rounds.
 After each drop, fire Primed Case to verify firearm will still function.

12 inch drop (safety in "Fire" position) - one drop per orientation.

Note: for Firearms with the ISS system installed - The ISS will be set in the unlocked
 position for all six orientations of the Jar-Off Test

Orientation	ISS Unlocked	Comments
Barrel Vertical, Muzzle Up:	Pass <input checked="" type="checkbox"/> Fail _____	
Barrel Vertical, Muzzle Down:	Pass <input checked="" type="checkbox"/> Fail _____	
Barrel Horizontal, Left side of Stock Up:	Pass <input checked="" type="checkbox"/> Fail _____	
Barrel Horizontal, Right side of Stock Up:	Pass <input checked="" type="checkbox"/> Fail _____	
Barrel Horizontal, Bottom of Stock Up:	Pass <input checked="" type="checkbox"/> Fail _____	
Barrel Horizontal, Bottom of Stock Down:	Pass _____ Fail <input checked="" type="checkbox"/>	

Notes: (continue on back of sheet if necessary)

Tester's Initials JW/SW

ET33864