

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.	
Test Description: Perform SAAMI Jarr-Off testing on 710 Magnum rifles using new triggers. <ol style="list-style-type: none">1. Select 6 rifles from 710 Magnum T&P SAAMI testing- A41 to A462. 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>	
Resource Usage: Manpower Requirements - Facility Requirements -	Test Results Required: Formal Report: Data Only: Requested Completion Date: 01/26/04
Required Materials/Parts/Equipment (include quantities):	
Test Parts Availability Date: 01/26/04	
Start Date: 1/26/04 Completion Date: 1/27/04 Report Date: 1/27/04	Test Assigned To: Steve Wade, Jeff Wade Assignment Date: 01/28/04

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

<u>Orientation</u>	<u>ISS Unlocked</u>	<u>Comments</u>
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