

TLW 1349

Project No. 241314

270 win

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

Firecontrol No. B5 Firecontrol Type: Standard Date: 12-9-03

Dry Cycles/Rounds Completed: Stock Type SYN

Engagement at Start (1) .0203 (2) .0201 (3) .0205 Average .0203

Engagement at End (1) .0202 (2) .0212 (3) .0209 Average .0207

Model No. m710 Serial No. 71143698

Trigger Pull at Start of Test (1) 3.883 (2) 3.976 (3) 4.065 (4) 4.220 (5) 4.066

Average Trigger Pull at Start of Test: 4.044 Std. Dev. of Trigger Pull at Start of Test:

Trigger Pull at End of Test (1) 4.605 (2) 4.707 (3) 4.561 (4) 4.563 (5) 4.669

Average Trigger Pull at End of Test: 4.621 Std. Dev. of Trigger Pull at End of Test:

Tester Initials: BLJS

Additional Notes and Comments

Trigger Pull set to 4.506

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

Notes: (continue on back of sheet if necessary)

Tester's Initials BLJS

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ET33848

TLW 1349Project No. 241314**S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST****ROTATION TEST**Firecontrol No. 8 Firecontrol Type: Standard Date: 12-9-03Dry Cycles/Rounds Completed: _____ Stock Type SPNEngagement at Start (1) .0201 (2) .0201 (3) .0201 Average .0202Engagement at End (1) .0191 (2) .0195 (3) .0190 Average .0192Model No. m/710 Serial No. 7713295Trigger Pull at Start of Test (1) 3.982 (2) 4.058 (3) 4.050 (4) 4.050 (5) 4.078Average Trigger Pull at Start of Test: 4.101 Std. Dev. of Trigger Pull at Start of Test: _____Trigger Pull at End of Test (1) 3.542 (2) 3.816 (3) 3.734 (4) 3.834 (5) 3.614Average Trigger Pull at End of Test: 3.678 Std. Dev. of Trigger Pull at End of Test: _____Tester Initials: BL JS

Additional Notes and Comments _____

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 Rotation Test:

Rotation Test: Rest Firearm on the Butt end and allow Firearm to fall
 Drop - onto 1" thick 85 Durometer (Shore A) Rubber Matt
 Firearm not ready to fire, Safe in "Safe" 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.

"Rotation Test" (safety in "Safe" position) - one drop per orientation.

Note: for Firearms with the ISS system installed - The Firearms will be set with theISS system in the **unlocked** position for both orientations of the Rotation Test.

Orientation	ISS Unlocked	Comments
Firearm Vertical, Drop so left side of Stock is Up:	Pass <input checked="" type="checkbox"/> Fail _____	
Firearm Vertical, Drop so right side of Stock is Up:	Pass <input checked="" type="checkbox"/> Fail _____	

Notes: (continue on back of sheet if necessary)

Tester's Initials: BL JS

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TLW 1349

Project No. 241314

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

Firecontrol No. B 5 Firecontrol Type: standard Date: 12-9-03
 Dry Cycles/Rounds Completed: _____ Stock Type SVN Engagement at Start _____
 Engagement at Start (1) .0202 (2) .0212 (3) .0209 Average .0207
 Engagement at End (1) .0197 (2) .0194 (3) .0193 Average .0194
 Model No. M/710 Serial No. 71143698 Engagement at End _____
 Trigger Pull at Start of Test (1) 4.241 (2) 3.885 (3) 4.058 (4) 4.078 (5) 4.082
 Average Trigger Pull at Start of Test: 4.069 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.478 (2) 4.520 (3) 4.539 (4) 4.499 (5) 4.496
 Average Trigger Pull at End of Test: 4.506 Std. Dev. of Trigger Pull at End of Test: _____

Tester Initials: JS/BL

Additional Notes and Comments

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 Drop Test:**Drop Tests:**

48-inch drop - onto 1" thick 85 Durometer (Shore A) Rubber Matt
 Firearm not ready to fire, Safe in "Safe" 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.

48 inch drop (safety in "Safe" position) - one drop per orientation.

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

Orientation	ISS Unlocked	Comments
Barrel Vertical, Muzzle Up:	Pass <u>/</u> Fail _____	
Barrel Vertical, Muzzle Down:	Pass <u>/</u> Fail _____	
Barrel Horizontal, Left side of Stock Up:	Pass <u>/</u> Fail _____	
Barrel Horizontal, Right side of Stock Up:	Pass <u>/</u> Fail _____	
Barrel Horizontal, Bottom of Stock Up:	Pass <u>/</u> Fail _____	
Barrel Horizontal, Bottom of Stock Down:	Pass <u>/</u> Fail _____	

Notes: (continue on back of sheet if necessary)

Tester's Initials

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ET33850