

30.06

TLW 1349

Project No. 241314

S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST**JAR-OFF TEST**Firecontrol No. A-1 Firecontrol Type: Standard Date: 12-9-03Dry Cycles/Rounds Completed: _____ Stock Type SYNEngagement at Start (1) .0201 (2) .020 (3) .020 Average .02003Engagement at End (1) .0204 (2) .0191 (3) .0196 Average .0197Model No. M/710 Serial No. 71147415Trigger Pull at Start of Test (1) 4.225 (2) 3.892 (3) 4.190 (4) 3.810 (5) 3.952Average Trigger Pull at Start of Test: 4.014 Std. Dev. of Trigger Pull at Start of Test: _____Trigger Pull at End of Test (1) 4.291 (2) 4.291 (3) 4.570 (4) 4.213 (5) 4.353Average Trigger Pull at End of Test: 4.344 Std. Dev. of Trigger Pull at End of Test: _____Tester Initials: RL/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 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 <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

RL/JS
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Project No. 241314

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

Firecontrol No. A-1 Firecontrol Type: Standard Date: 12-9-03
 Dry Cycles/Rounds Completed: _____ Stock Type SVN
 Engagement at Start (1) .0204 (2) .0201 (3) .0204 Average .0203
 Engagement at End (1) .0201 (2) .0200 (3) .0200 Average .02003
 Model No. M1710 Serial No. 7119715
 Trigger Pull at Start of Test (1) 4.213 (2) 4.036 (3) 4.036 (4) 4.012 (5) 4.273
 Average Trigger Pull at Start of Test: 4.114 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.225 (2) 3.892 (3) 4.190 (4) 3.810 (5) 3.852
 Average Trigger Pull at End of Test: 4.014 Std. Dev. of Trigger Pull at End of Test: _____

Additional Notes and Comments

Tester Initials: BL JS

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

Notes: (continue on back of sheet if necessary)

Tester's Initials BL JS

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Project No. 241314

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

Firecontrol No. 4-1 Firecontrol Type: standard Date: 12-9-03
 Dry Cycles/Rounds Completed: _____ Stock Type SYN Engagement at Start _____
 Engagement at Start (1) .0203 (2) .0207 (3) .0212 Average .0207
 Engagement at End (1) .0201 (2) .0208 (3) .0218 Average .0209
 Model No. m/710 Serial No. 71147415 Engagement at End _____
 Trigger Pull at Start of Test (1) 4.066 (2) 4.098 (3) 4.028 (4) 3.897 (5) 3.915
 Average Trigger Pull at Start of Test: 4.001 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.137 (2) 3.958 (3) 3.647 (4) 3.956 (5) 3.639
 Average Trigger Pull at End of Test: 3.867 Std. Dev. of Trigger Pull at End of Test: _____

Tester Initials: BL/JS

Additional Notes and Comments

Set trigger pull to 4.412

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 Test: 48-inch drop - onto a 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 _____	<u>Bolt came open</u>
Barrel Horizontal, Right side of Stock Up:	Pass <u>/</u> Fail _____	<u>Bolt came open</u>
Barrel Horizontal, Bottom of Stock Up:	Pass <u>/</u> Fail _____	
Barrel Horizontal, Bottom of Stock Down:	Pass <u>/</u> Fail _____	<u>Bolt stuck</u>

Notes: (continue on back of sheet if necessary)

Rear take down screw well on insert brokenTester's Initials BL/JSPage 3 of 3
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