

TLW 1303

Project No. 241314

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

Firecontrol No. A-44 Firecontrol Type: STANDARD Date: 1-6-04
 Dry Cycles/Rounds Completed: _____ Stock Type SYN
 Engagement at Start (1) .0204 (2) .0201 (3) .0201 Average .0202
 Engagement at End (1) .0212 (2) .0209 (3) .0204 Average .0208
 Model No. M/710 Serial No. 71149150
 Trigger Pull at Start of Test (1) 4.25 (2) 4.0 (3) 4.0 (4) 4.0 (5) 4.25
 Average Trigger Pull at Start of Test: 4.1 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.5 (2) 4.5 (3) 4.25 (4) 4.5 (5) 4.25
 Average Trigger Pull at End of Test: 4.4 Std. Dev. of Trigger Pull at End of Test: _____

Tester Initials: JS/BL 83

Additional Notes and Comments

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

ANSI / SAAMI Z199.5-1990

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

Notes: (continue on back of sheet if necessary)

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Project No. 241314

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

Firecontrol No. A-44 Firecontrol Type: STANDARD Date: 1-6-04
 Dry Cycles/Rounds Completed: _____ Stock Type SVN
 Engagement at Start (1) .0212 (2) .0209 (3) .0204 Average .0208
 Engagement at End (1) .0202 (2) .0198 (3) .0199 Average .01996
 Model No. M/710 Serial No. 71149150
 Trigger Pull at Start of Test (1) 4.0 (2) 4.0 (3) 3.75 (4) 4.0 (5) 4.5
 Average Trigger Pull at Start of Test: 4.05 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 3.723 (2) 3.831 (3) 4.044 (4) 3.893 (5) 4.007
 Average Trigger Pull at End of Test: 3.900 Std. Dev. of Trigger Pull at End of Test: _____

Tester Initials: JS/BL**Additional Notes and Comments**

Reset
 Trigger Pull Jar-off Test 3.934 - 4.090 - 4.178 - 4.136 - 4.054 Avg. 4.078 83
 Engagement Jar-off Test .0207 - .0203 - .0205 Avg. .0205

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

ANSI/SAAMI Z299.5-1996

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 type="checkbox"/> Fail <input checked="" type="checkbox"/>	<u>Fired on the drop</u>

Notes: (continue on back of sheet if necessary)

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Project No. 241314

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

Firecontrol No. A-44 Firecontrol Type: STANDARD Date: 1-7-04
 Dry Cycles/Rounds Completed: _____ Stock Type SYN Engagement at Start .0208
 Engagement at Start (1) .0209 (2) .0208 (3) .0209 Average .0208
 Engagement at End (1) .0219 (2) .0226 (3) .0215 Average .022
 Model No. M710 Serial No. 71149150 Engagement at End 4.042
 Trigger Pull at Start of Test (1) 4.072 (2) 4.092 (3) 4.017 (4) 4.054 (5) 3.973
 Average Trigger Pull at Start of Test: 4.042 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 3.821 (2) 3.954 (3) 4.102 (4) 4.315 (5) 4.042
~~Average Trigger Pull at End of Test: 4.042 Std. Dev. of Trigger Pull at End of Test: _____~~
 Tester Initials: JS/BL

Additional Notes and Comments

reset eng. Ave. - .0229
 Reset Trigger Pull 4.508

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 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 <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"/>	receiver insert broken

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