

TLW 1303

Project No. 241314

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

ROTATION TEST

Firecontrol No. A-41 Firecontrol Type: STANDARD Date: 1-5-04
 Dry Cycles/Rounds Completed: _____ Stock Type SVN
 Engagement at Start (1) .0209 (2) .021 (3) .0207 Average .0208
 Engagement at End (1) .0199 (2) .0193 (3) .0211 Average .0201
 Model No. M/710 Serial No. 71148995
 Trigger Pull at Start of Test (1) 4.0 (2) 4.25 (3) 4.0 (4) 4.0 (5) 4.0
 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) 4.0 (2) 4.25 (3) 4.25 (4) 4.25 (5) 4.25~~
 Average Trigger Pull at End of Test: 4.2 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 Z39.5-1990

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)

Tester's Initials BL/JS

TLW 1303Project No. 241314**S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST****JAR-OFF TEST**Firecontrol No. A-41 Firecontrol Type: STANDARD Date: 1-6-04Dry Cycles/Rounds Completed: _____ Stock Type SYNEngagement at Start (1) .0199 (2) .0193 (3) .0211 Average .0201Engagement at End (1) .0202 (2) .0204 (3) .020 Average .0202Model No. M/710 Serial No. 71148995Trigger Pull at Start of Test (1) 4.0 (2) 4.25 (3) 4.0 (4) 4.0 (5) 4.0Average Trigger Pull at Start of Test: 4.05 Std. Dev. of Trigger Pull at Start of Test: _____Trigger Pull at End of Test (1) 4.5 (2) 4.0 (3) 4.5 (4) 4.75 (5) 4.5Average Trigger Pull at End of Test: 4.45 Std. Dev. of Trigger Pull at End of Test: _____Tester Initials: JS/BL

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 <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"/>	<u>Bent Scope</u>
Barrel Horizontal, Bottom of Stock Down:	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>	

Notes: (continue on back of sheet if necessary)

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TLW 1303Project No. 241314**S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST****DROP TEST**

Firecontrol No. A-41 Firecontrol Type: STANDARD Date: 1-6-04
 Dry Cycles/Rounds Completed: _____ Stock Type SYN Engagement at Start .0202
 Engagement at Start (1) .0202 (2) .0204 (3) .020 Average .0202
 Engagement at End (1) .0199 (2) .0201 (3) .0193 Average .0197
 Model No. M/710 Serial No. 71148995 Engagement at End .0197
 Trigger Pull at Start of Test (1) 4.0 (2) 4.0 (3) 4.25 (4) 4.0 (5) 4.0
 Average Trigger Pull at Start of Test: 4.05 Std. Dev. of Trigger Pull at Start of Test: 4.05
 Trigger Pull at End of Test (1) 4.592 (2) 4.384 (3) 4.569 (4) 4.464 (5) 4.492
 Average Trigger Pull at End of Test: 4.506 Std. Dev. of Trigger Pull at End of Test: 4.500

Tester Initials: JS/BL

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 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 _____	_____
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 <input checked="" type="checkbox"/> Fail _____	_____

Notes: (continue on back of sheet if necessary)

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