

TLW 1303

Project No. 241314

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

ROTATION TEST

Firecontrol No. A-45 Firecontrol Type: STANDARD Date: 1-6-04
 Dry Cycles/Rounds Completed: _____ Stock Type SVN
 Engagement at Start (1) .0204 (2) .0204 (3) .0198 Average .0202
 Engagement at End (1) .0198 (2) .0202 (3) .0203 Average .0201
 Model No. M/710 Serial No. 71149151
 Trigger Pull at Start of Test (1) 4.25 (2) 4.0 (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) 4.0 (3) 4.0 (4) 4.0 (5) 4.0
 Average Trigger Pull at End of Test: 4.0 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 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 JS/BL

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Project No. 241314

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

Firecontrol No. A45 Firecontrol Type: STANDARD Date: 1-6-04
 Dry Cycles/Rounds Completed: _____ Stock Type SYN
 Engagement at Start (1) .0198 (2) .0202 (3) .0203 Average .0201
 Engagement at End (1) .0197 (2) .0194 (3) .0197 Average .0196
 Model No. M/710 Serial No. 21149151
 Trigger Pull at Start of Test (1) 4.0 (2) 4.0 (3) 4.0 (4) 4.0 (5) 4.0
 Average Trigger Pull at Start of Test: 4.0 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 5.196 (2) 4.945 (3) 5.522 (4) 4.658 (5) 4.916
 Average Trigger Pull at End of Test: 5.076 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

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"/>	Bent Scope
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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Project No. 241314

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

DROP TEST

Firecontrol No. A-45 Firecontrol Type: STANDARD Date: 1-7-04
 Dry Cycles/Rounds Completed: _____ Stock Type SPN Engagement at Start .0206
 Engagement at Start (1) .0201 (2) .0209 (3) .0208 Average .0206
 Engagement at End (1) .021 (2) .0212 (3) .0212 Average .0211
 Model No. M/710 Serial No. 71149151 Engagement at End .0211
 Trigger Pull at Start of Test (1) 3.831 (2) 3.950 (3) 3.793 (4) 4.250 (5) 4.253
 Average Trigger Pull at Start of Test: 4.015 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.336 (2) 3.948 (3) 4.282 (4) 3.939 (5) 3.974
 Average Trigger Pull at End of Test: 4.096 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 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"/>	Broken Scope Sight adjuster R/side
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"/>	Bent Scope
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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