

TLW 1689YProject No. 241214

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

Firecontrol No. A-18 Firecontrol Type: Standard Date: 2/14/05
 Dry Cycles/Rounds Completed: _____ Stock Type Syn
 Engagement at Start (1) .0203 (2) .0201 (3) .0204 Average .02026
 Engagement at End (1) .0193 (2) .0190 (3) .0196 Average .01910
 Model No. 710 Serial No. 71202784
 Trigger Pull at Start of Test (1) 4.152 (2) 4.159 (3) 3.982 (4) 4.013 (5) 3.873
 Average Trigger Pull at Start of Test: 4.028 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.153 (2) 4.084 (3) 4.121 (4) 4.137 (5) 4.241
 Average Trigger Pull at End of Test: 4.147 Std. Dev. of Trigger Pull at End of Test: _____
 Tester Initials: SW/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 _____	_____
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)

Tester's Initials SW/JS

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S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST**ROTATION TEST**
 Firecontrol No. A-18 Firecontrol Type: _____ Date: 2/14/05
 Dry Cycles/Rounds Completed: _____ Stock Type _____
 Engagement at Start (1) .0203 (2) .0206 (3) .0203 Average .02036
 Engagement at End (1) .0200 (2) .0195 (3) .0206 Average .02003
 Model No. _____ Serial No. _____
 Trigger Pull at Start of Test (1) 4.185 (2) 3.842 (3) 4.151 (4) 4.024 (5) 4.007
 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) 3.949 (2) 4.068 (3) 3.955 (4) 3.866 (5) 4.578
 Average Trigger Pull at End of Test: 4.083 Std. Dev. of Trigger Pull at End of Test: _____
Tester Initials: SW/JS 83

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 _____	_____
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 SW/JS

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S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST**DROP TEST**
 Firecontrol No. A-18 Firecontrol Type: _____ Date: 2/15/05
 Dry Cycles/Rounds Completed: _____ Stock Type _____ Engagement at Start _____
 Engagement at Start (1) .0200 (2) .0195 (3) .0206 Average .02003
 Engagement at End (1) .0200 (2) .0206 (3) .0204 Average .02040
 Model No. _____ Serial No. _____ Engagement at End _____
 Trigger Pull at Start of Test (1) 3.949 (2) 4.060 (3) 3.953 (4) 3.866 (5) 4.578
 Average Trigger Pull at Start of Test: 4.083 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 3.666 (2) 3.678 (3) 3.388 (4) 3.320 (5) 3.520
 Average Trigger Pull at End of Test: 3.514 Std. Dev. of Trigger Pull at End of Test: _____
 Tester Initials: SW/JJ
 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 _____	_____
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)