

TLW 14630Project No. 241314

30.06

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

Firecontrol No. A-10 Firecontrol Type: Standard Date: 6/8/04
 Dry Cycles/Rounds Completed: _____ Stock Type S&W
 Engagement at Start (1) .0242 (2) .0245 (3) .0242 Average .02430
 Engagement at End (1) .0238 (2) .0238 (3) .0239 Average .02383
 Model No. 710 Serial No. 71159116
 Trigger Pull at Start of Test (1) 5.076 (2) 4.391 (3) 4.379 (4) 4.522 (5) 4.751
 Average Trigger Pull at Start of Test: 4.515 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.611 (2) 4.477 (3) 4.549 (4) 4.515 (5) 4.661
 Average Trigger Pull at End of Test: 4.563 Std. Dev. of Trigger Pull at End of Test: _____
 Tester Initials: SW/JS

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 _____	_____
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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ET23311

TLW 1463E

Project No. 241214

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

Firecontrol No. A-10 Firecontrol Type: _____ Date: 6/6/04
 Dry Cycles/Rounds Completed: _____ Stock Type _____
 Engagement at Start (1) .0238 (2) .0238 (3) .0239 Average .02393
 Engagement at End (1) .0228 (2) .0227 (3) .0229 Average .02280
 Model No. _____ Serial No. _____
 Trigger Pull at Start of Test (1) 4.111 (2) 4.477 (3) 4.549 (4) 4.515 (5) 4.661
 Average Trigger Pull at Start of Test: 4.563 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.661 (2) 4.592 (3) 4.582 (4) 4.653 (5) 4.759
 Average Trigger Pull at End of Test: 4.649 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 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"/>	<u>grip cap came off</u>

Notes: (continue on back of sheet if necessary)

Tester's Initials SW/JS

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ET23312

TLW 1463F

Project No. 241314

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

Firecontrol No. A-10 Firecontrol Type: _____ Date: 6-6-04
 Dry Cycles/Rounds Completed: _____ Stock Type _____ Engagement at Start _____
 Engagement at Start (1) .0238 (2) .0227 (3) .0235 Average .0230
 Engagement at End (1) .0241 (2) .0243 (3) .0242 Average .0242
 Model No. _____ Serial No. _____ Engagement at End _____
 Trigger Pull at Start of Test (1) 4.661 (2) 4.892 (3) 4.582 (4) 4.653 (5) 4.759
 Average Trigger Pull at Start of Test: 4.649 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 5.566 (2) 5.379 (3) 5.393 (4) 5.447 (5) 5.418
 Average Trigger Pull at End of Test: 5.481 Std. Dev. of Trigger Pull at End of Test: _____

Tester Initials: SW/JW

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

Notes: (continue on back of sheet if necessary)

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