

TLW 14630

Project No. 241314

30.06

S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST**JAR-OFF TEST**Firecontrol No. A-6 Firecontrol Type: Standard Date: 6/5/04Dry Cycles/Rounds Completed: _____ Stock Type S&WEngagement at Start (1) .0241 (2) .0239 (3) .0240 Average .0240Engagement at End (1) .0232 (2) .0230 (3) .0231 Average .0231Model No. 710 Serial No. 71159108Trigger Pull at Start of Test (1) 4.691 (2) 4.600 (3) 4.652 (4) 4.736 (5) 4.685Average Trigger Pull at Start of Test: 4.673 Std. Dev. of Trigger Pull at Start of Test: _____Trigger Pull at End of Test (1) 4.745 (2) 4.732 (3) 4.661 (4) 4.852 (5) 4.699Average Trigger Pull at End of Test: 4.736 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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ET23290

TLW 1463 EProject No. 121314**S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST****ROTATION TEST**

Firecontrol No. A-6 Firecontrol Type: _____ Date: 6/6/04
 Dry Cycles/Rounds Completed: _____ Stock Type _____
 Engagement at Start (1) .0232 (2) .0230 (3) .0231 Average .02310
 Engagement at End (1) .0226 (2) .0227 (3) .0227 Average .02266
 Model No. _____ Serial No. _____
 Trigger Pull at Start of Test (1) 4.745 (2) 4.723 (3) 4.661 (4) 4.852 (5) 4.699
 Average Trigger Pull at Start of Test: 4.736 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.692 (2) 4.749 (3) 4.727 (4) 4.796 (5) 4.858
 Average Trigger Pull at End of Test: 4.764 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 theISS 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 SW/JS

ET23291

TLW 1463F

Project No. 241214

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

Firecontrol No. A-6 Firecontrol Type: _____ Date: 6-6-04
 Dry Cycles/Rounds Completed: _____ Stock Type _____ Engagement at Start _____
 Engagement at Start (1) .0226 (2) .0227 (3) .0227 Average .0226
 Engagement at End (1) .0229 (2) .0229 (3) .0228 Average .02286
 Model No. _____ Serial No. _____ Engagement at End _____
 Trigger Pull at Start of Test (1) 4.692 (2) 4.749 (3) 4.727 (4) 4.796 (5) 4.858
 Average Trigger Pull at Start of Test: 4.764 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 5.045 (2) 5.371 (3) 5.072 (4) 5.377 (5) 5.161
 Average Trigger Pull at End of Test: 5.205 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 _____	bent scope
Barrel Horizontal, Bottom of Stock Down:	Pass <input checked="" type="checkbox"/> Fail _____	

Notes: (continue on back of sheet if necessary)

Cracked Insert

Tester's Initials _____

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