

TLW 14630Project No. 241314

30.06

S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST**JAR-OFF TEST**Firecontrol No. A-8 Firecontrol Type: standard Date: 6/5/04Dry Cycles/Rounds Completed: _____ Stock Type SynEngagement at Start (1) .0337 (2) .0337 (3) .0338 Average .03373Engagement at End (1) .0216 (2) .0215 (3) .0215 Average .02153Model No. 710 Serial No. 71159113Trigger Pull at Start of Test (1) 4.445 (2) 4.409 (3) 4.409 (4) 4.390 (5) 4.385Average Trigger Pull at Start of Test: 4.408 Std. Dev. of Trigger Pull at Start of Test: _____Trigger Pull at End of Test (1) 4.670 (2) 4.692 (3) 4.849 (4) 4.788 (5) 4.765Average Trigger Pull at End of Test: 4.753 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)

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ET23300

TLW 1762E

Project No. 271314

S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST**ROTATION TEST**Firecontrol No. A-8 Firecontrol Type: _____ Date: 6/6/04

Dry Cycles/Rounds Completed: _____ Stock Type _____

Engagement at Start (1) .0216 (2) .0215 (3) .0215 Average .02153Engagement at End (1) .0213 (2) .0211 (3) .0212 Average .02120

Model No. _____ Serial No. _____

Trigger Pull at Start of Test (1) 4.670 (2) 4.692 (3) 4.849 (4) 4.788 (5) 4.765Average Trigger Pull at Start of Test: 4.753 Std. Dev. of Trigger Pull at Start of Test: _____Trigger Pull at End of Test (1) 4.991 (2) 4.787 (3) 4.847 (4) 4.950 (5) 4.882Average Trigger Pull at End of Test: 4.891 Std. Dev. of Trigger Pull at End of Test: _____Tester Initials: SW/JJS 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)

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ET23301

TLW 1463F

Project No. 241214

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

Firecontrol No. A-8 Firecontrol Type: _____ Date: 6-6-04
 Dry Cycles/Rounds Completed: _____ Stock Type _____ Engagement at Start _____
 Engagement at Start (1) .0213 (2) .0211 (3) .0212 Average .02120
 Engagement at End (1) .0216 (2) .0215 (3) .0217 Average .02160
 Model No. _____ Serial No. _____ Engagement at End _____
 Trigger Pull at Start of Test (1) 4.991 (2) 4.787 (3) 4.847 (4) 4.950 (5) 4.882
 Average Trigger Pull at Start of Test: 4.891 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 5.205 (2) 5.311 (3) 5.131 (4) 5.269 (5) 5.151
 Average Trigger Pull at End of Test: 5.213 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 _____	<u>insert cracked</u>
Barrel Horizontal, Bottom of Stock Up:	Pass _____	Fail <input checked="" type="checkbox"/>	<u>primed case fired / bent scope</u>
Barrel Horizontal, Bottom of Stock Down:	Pass _____	Fail _____	

Notes: (continue on back of sheet if necessary)

Cracked Insert (Rifle fired as a result of an override and
the insert was cracked on the previous drop.)

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ET23302

TLW 1463F

Project No. 241314

30.06

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

Firecontrol No. A-8 Firecontrol Type: Standard Date: 6/8/04
 Dry Cycles/Rounds Completed: _____ Stock Type syn Engagement at Start _____
 Engagement at Start (1) .0248 (2) .0247 (3) .0249 Average .02480
 Engagement at End (1) .0246 (2) .0246 (3) .0247 Average .02463
 Model No. 710 Serial No. 71159113 Engagement at End _____
 Trigger Pull at Start of Test (1) 4.725 (2) 4.778 (3) 4.866 (4) 4.858 (5) 4.807
 Average Trigger Pull at Start of Test: 4.807 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.753 (2) 4.631 (3) 4.601 (4) 4.628 (5) 4.789
 Average Trigger Pull at End of Test: 4.680 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 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 _____ Fail _____	
Barrel Vertical, Muzzle Down:	Pass _____ Fail _____	
Barrel Horizontal, Left side of Stock Up:	Pass _____ Fail _____	
Barrel Horizontal, Right side of Stock Up:	Pass _____ 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)

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