

S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST**JAR-OFF TEST**Firecontrol No. A33 Firecontrol Type: 542 Date: 02/23/04Dry Cycles/Rounds Completed: _____ Stock Type SynEngagement at Start (1) .0252 (2) .0252 (3) .0252 Average .02520Engagement at End (1) .0251 (2) .0252 (3) .0251 Average .02513Model No. 710 Serial No. 71149149Trigger Pull at Start of Test (1) 4.499 (2) 4.531 (3) 4.500 (4) 4.588 (5) 4.579Average Trigger Pull at Start of Test: 4.519 Std. Dev. of Trigger Pull at Start of Test: _____Trigger Pull at End of Test (1) 4.596 (2) 4.483 (3) 4.547 (4) 4.496 (5) 4.492Average Trigger Pull at End of Test: 4.523 Std. Dev. of Trigger Pull at End of Test: _____Tester Initials: SW/SW

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.

Notes 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)

Passed (PKR)Tester's Initials SW/SW

S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST**ROTATION TEST**Firecontrol No. A33 Firecontrol Type: S&A Date: 2/24/04Dry Cycles/Rounds Completed: _____ Stock Type S&AEngagement at Start (1) .0251 (2) .0252 (3) .0251 Average .02513Engagement at End (1) .0252 (2) .0252 (3) .0252 Average .02520Model No. 710 Serial No. 71149149Trigger Pull at Start of Test (1) 4.596 (2) 4.483 (3) 4.547 (4) 4.496 (5) 4.492Average Trigger Pull at Start of Test: 4.523 Std. Dev. of Trigger Pull at Start of Test: _____Trigger Pull at End of Test (1) 4.188 (2) 3.908 (3) 4.058 (4) 4.011 (5) 4.037Average Trigger Pull at End of Test: 4.048 Std. Dev. of Trigger Pull at End of Test: _____Tester Initials: SW

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

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

Firecontrol No. A33 Firecontrol Type: S4A Date: 2/24/04
 Dry Cycles/Rounds Completed: _____ Stock Type S4A Engagement at Start _____
 Engagement at Start (1) .0252 (2) .0252 (3) .0252 Average .02520
 Engagement at End (1) .0262 (2) .0264 (3) .0263 Average .02630
 Model No. 710 Serial No. 71149149 Engagement at End _____
 Trigger Pull at Start of Test (1) 4.552 (2) 4.568 (3) 4.547 (4) 4.456 (5) 4.431
 Average Trigger Pull at Start of Test: 4.511 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.275 (2) 4.255 (3) 4.372 (4) 4.440 (5) 4.329
 Average Trigger Pull at End of Test: 4.334 Std. Dev. of Trigger Pull at End of Test: _____
 Tester Initials: S W

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)