

TLW 16894Project No. 241314

7 MM

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

Firecontrol No. A-28 Firecontrol Type: Standard Date: 2/16/05
 Dry Cycles/Rounds Completed: _____ Stock Type Syn 2/17/05
 Engagement at Start (1) .0253 (2) .0252 (3) .0252 Average .02523
 Engagement at End (1) .0236 (2) .0248 (3) .0240 Average .02413
 Model No. 710 Serial No. 71203220
 Trigger Pull at Start of Test (1) 4.130 (2) 4.502 (3) 4.300 (4) 4.450 (5) 4.493
 Average Trigger Pull at Start of Test: 4.533 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.482 (2) 4.654 (3) 4.331 (4) 4.254 (5) 4.656
 Average Trigger Pull at End of Test: 4.474 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 <input type="checkbox"/>	
Barrel Vertical, Muzzle Down:	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>	
Barrel Horizontal, Left side of Stock Up:	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>	
Barrel Horizontal, Right side of Stock Up:	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>	
Barrel Horizontal, Bottom of Stock Up:	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>	
Barrel Horizontal, Bottom of Stock Down:	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>	

Notes: (continue on back of sheet if necessary)

Tester's Initials SW/JS

ET21820

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

ROTATION TEST

Firecontrol No. A-28 Firecontrol Type: _____ Date: 2/17/05
 Dry Cycles/Rounds Completed: _____ Stock Type _____
 Engagement at Start (1) .0252 (2) .0250 (3) .0248 Average .02500
 Engagement at End (1) .0248 (2) .0253 (3) .0251 Average .02506
 Model No. _____ Serial No. _____
 Trigger Pull at Start of Test (1) 4.529 (2) 4.655 (3) 4.533 (4) 4.407 (5) 4.482
 Average Trigger Pull at Start of Test: 4.525 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.436 (2) 4.536 (3) 4.532 (4) 4.555 (5) 4.492
 Average Trigger Pull at End of Test: 4.510 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-38 Firecontrol Type: _____ Date: 2/18/05
 Dry Cycles/Rounds Completed: _____ Stock Type _____ Engagement at Start _____
 Engagement at Start (1) .0248 (2) .0253 (3) .0251 Average .02506
 Engagement at End (1) .0264 (2) .0265 (3) .0264 Average .02643
 Model No. _____ Serial No. _____ Engagement at End _____
 Trigger Pull at Start of Test (1) 4.436 (2) 4.536 (3) 4.532 (4) 4.555 (5) 4.493
 Average Trigger Pull at Start of Test: 4.516 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 5.231 (2) 5.142 (3) 4.999 (4) 5.369 (5) 5.310
 Average Trigger Pull at End of Test: 5.210 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 _____	<u>Bolt came Open</u>
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 _____	<u>Cracked Insert</u>

Notes: (continue on back of sheet if necessary)

Cracked Insert Bottom Down