

TLW 1349

Project No. 241314

270 win

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

Firecontrol No. B4 Firecontrol Type: Standard Date: 12-9-03

Dry Cycles/Rounds Completed: Stock Type SYN

Engagement at Start (1) .0206 (2) .021 (3) .0212 Average .0209

Engagement at End (1) .0214 (2) .0223 (3) .0224 Average .022

Model No. m/710 Serial No. 71143678

Trigger Pull at Start of Test (1) 4.024 (2) 4.151 (3) 4.050 (4) 4.078 (5) 4.017

Average Trigger Pull at Start of Test: 4.070 Std. Dev. of Trigger Pull at Start of Test:

Trigger Pull at End of Test (1) 4.190 (2) 3.881 (3) 4.034 (4) 4.321 (5) 3.939

Average Trigger Pull at End of Test: 4.073 Std. Dev. of Trigger Pull at End of Test:

Tester Initials: BL 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 BL JS

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ET33843

TLW 1349Project No. 241314**S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST****ROTATION TEST**

Firecontrol No. B4 Firecontrol Type: Standard Date: 12-9-03
Dry Cycles/Rounds Completed: _____ Stock Type synthetic
Engagement at Start (1) .0208 (2) .0207 (3) .0204 Average .0206
Engagement at End (1) .0206 (2) .021 (3) .0212 Average .0209
Model No. M710 Serial No. 71143076
Trigger Pull at Start of Test (1) 4.062 (2) 3.973 (3) 4.145 (4) 4.221 (5) 4.138
Average Trigger Pull at Start of Test: 4.103 Std. Dev. of Trigger Pull at Start of Test: _____
Trigger Pull at End of Test (1) 4.284 (2) 4.473 (3) 3.858 (4) 4.020 (5) 4.045
Average Trigger Pull at End of Test: 4.137 Std. Dev. of Trigger Pull at End of Test: _____

Tester Initials: BL 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"/>	

Notes: (continue on back of sheet if necessary)

Tester's Initials BL JS

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TLW 1349

Project No. 241314

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

Firecontrol No. B4 Firecontrol Type: Standard Date: 12-9-03
 Dry Cycles/Rounds Completed: _____ Stock Type SYN Engagement at Start _____
 Engagement at Start (1) .0205 (2) .0205 (3) .0214 Average .0208
 Engagement at End (1) .018 (2) .0185 (3) .0187 Average .0184
 Model No. M1710 Serial No. 71143678 Engagement at End _____
 Trigger Pull at Start of Test (1) 4.190 (2) 3.881 (3) 4.034 (4) 4.321 (5) 3.939
 Average Trigger Pull at Start of Test: 4.073 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.567 (2) 4.356 (3) 4.273 (4) 4.355 (5) 4.225
 Average Trigger Pull at End of Test: 4.355 Std. Dev. of Trigger Pull at End of Test: _____

Tester Initials: BL/JS

Additional Notes and Comments

Trigger Pull set at 4.40

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 <u>/</u> Fail _____	
Barrel Vertical, Muzzle Down:	Pass <u>/</u> Fail _____	
Barrel Horizontal, Left side of Stock Up:	Pass <u>/</u> Fail _____	
Barrel Horizontal, Right side of Stock Up:	Pass <u>/</u> Fail _____	
Barrel Horizontal, Bottom of Stock Up:	Pass <u>/</u> Fail _____	
Barrel Horizontal, Bottom of Stock Down:	Pass <u>/</u> Fail _____	

Notes: (continue on back of sheet if necessary)

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