

270 win

TLW 1349

Project No. 241314

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

Firecontrol No. B6 Firecontrol Type: Standard Date: 12-9-03  
 Dry Cycles/Rounds Completed: \_\_\_\_\_ Stock Type Synthetic  
 Engagement at Start (1) .0206 (2) .0201 (3) .0208 Average .0205 (Reset eng.)  
 Engagement at End (1) .0197 (2) .0194 (3) .0193 Average .0194  
 Model No. m/910 Serial No. 71143839  
 Trigger Pull at Start of Test (1) 4.298 (2) 4.053 (3) 4.012 (4) 4.096 (5) 3.849  
 Average Trigger Pull at Start of Test: 4.062 Std. Dev. of Trigger Pull at Start of Test: \_\_\_\_\_  
 Trigger Pull at End of Test (1) 4.137 (2) 3.920 (3) 4.315 (4) 4.247 (5) 4.071  
 Average Trigger Pull at End of Test: 4.138 Std. Dev. of Trigger Pull at End of Test: \_\_\_\_\_

Tester Initials: \_\_\_\_\_

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

BL/JS

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ET33858

TLW 1349

Project No. 24914

**S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST****ROTATION TEST**Firecontrol No. 86 Firecontrol Type: Standard Date: 12-9-03Dry Cycles/Rounds Completed: \_\_\_\_\_ Stock Type SyntheticEngagement at Start (1) .0207 (2) .0204 (3) .0209 Average .0206Engagement at End (1) .0213 (2) .0218 (3) .0219 Average .0216Model No. m710 Serial No. 71143239Trigger Pull at Start of Test (1) 4.120 (2) 4.004 (3) 4.010 (4) 4.083 (5) 3.892Average Trigger Pull at Start of Test: 4.022 Std. Dev. of Trigger Pull at Start of Test: \_\_\_\_\_Trigger Pull at End of Test (1) 4.598 (2) 4.591 (3) 4.918 (4) 4.574 (5) 4.407Average Trigger Pull at End of Test: 4.618 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

TLW 1349  
Project No. 241314

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

#### DROP TEST

Firecontrol No. B6 Firecontrol Type: Standard Date: 12-9-03  
Dry Cycles/Rounds Completed: \_\_\_\_\_ Stock Type SVN Engagement at Start \_\_\_\_\_  
Engagement at Start (1) .0201 (2) .0203 (3) .0215 Average .0206  
Engagement at End (1) .0209 (2) .0208 (3) .0209 Average .0208  
Model No. m/910 Serial No. 71143839 Engagement at End \_\_\_\_\_  
Trigger Pull at Start of Test (1) 4.001 (2) 3.713 (3) 4.323 (4) 4.022 (5) 4.032  
Average Trigger Pull at Start of Test: 4.018 Std. Dev. of Trigger Pull at Start of Test: \_\_\_\_\_  
Trigger Pull at End of Test (1) 4.669 (2) 4.669 (3) 4.777 (4) 4.369 (5) 4.185  
Average Trigger Pull at End of Test: 4.414 Std. Dev. of Trigger Pull at End of Test: \_\_\_\_\_

Tester Initials: JS/BL

#### Additional Notes and Comments

*Trigger Pull cat to 4.475*

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 <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 type="checkbox"/> Fail <input checked="" type="checkbox"/>	<i>Gun failed - Bent Scope</i>
Barrel Horizontal, Bottom of Stock Down:	Pass <input type="checkbox"/> Fail <input type="checkbox"/>	

Notes: (continue on back of sheet if necessary)

*Coil for take down screw was stripped and the screws were out.*

Tester's Initials JS/BL

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