

TLW 1216X

Project No. 241314

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

Firecontrol No. A-11 Firecontrol Type: STANDARD Date: 9-11-03  
 Dry Cycles/Rounds Completed:        Stock Type SYN  
 Engagement at Start (1) .0200 (2) .0203 (3) .0202 Average .02016  
 Engagement at End (1) .0193 (2) .0191 (3) .0192 Average .0192  
 Model No. m/710 Serial No. 71126319  
 Trigger Pull at Start of Test (1) 4.201 (2) 4.182 (3) 4.279 (4) 3.877 (5) 3.606  
 Average Trigger Pull at Start of Test: 4.029 Std. Dev. of Trigger Pull at Start of Test:         
 Trigger Pull at End of Test (1) 3.699 (2) 4.172 (3) 4.274 (4) 3.947 (5) 3.115  
 Average Trigger Pull at End of Test: 3.842 Std. Dev. of Trigger Pull at End of Test:         
 Tester Initials: SW/BL  
 Additional Notes and Comments 83

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/BL

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Project No. 241314

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

Firecontrol No. A-11 Firecontrol Type: Standard Date: 9-12-03  
 Dry Cycles/Rounds Completed: 1 Stock Type: SYN  
 Engagement at Start (1) 0207 (2) 0207 (3) 0207 Average 0207  
 Engagement at End (1) 0205 (2) 0202 (3) 0203 Average 0203  
 Model No. M/710 Serial No. 71126319  
 Trigger Pull at Start of Test (1) 4.270 (2) 4.188 (3) 4.051 (4) 4.101 (5) 4.040  
 Average Trigger Pull at Start of Test: 4.130 Std. Dev. of Trigger Pull at Start of Test:             
 Trigger Pull at End of Test (1) 4.469 (2) 4.370 (3) 4.213 (4) 4.393 (5) 4.389  
 Average Trigger Pull at End of Test: 4.367 Std. Dev. of Trigger Pull at End of Test:           

Tester Initials: SW/BL

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 SW/BL
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TLW 1216 WProject No. 241314**S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST****DROP TEST**

Firecontrol No. A-11 Firecontrol Type: standard Date: 9-12-03  
 Dry Cycles/Rounds Completed: \_\_\_\_\_ Stock Type: syn Engagement at Start \_\_\_\_\_  
 Engagement at Start (1) .0205 (2) .0202 (3) .0203 Average .02033  
 Engagement at End (1) .0207 (2) .0208 (3) .020 Average .02076  
 Model No. m/710 Serial No. 71126319 Engagement at End \_\_\_\_\_  
 Trigger Pull at Start of Test (1) 4.227 (2) 4.208 (3) 3.734 (4) 3.826 (5) 3.820  
 Average Trigger Pull at Start of Test: 3.963 Std. Dev. of Trigger Pull at Start of Test: \_\_\_\_\_  
 Trigger Pull at End of Test (1) 3.566 (2) 3.535 (3) 3.315 (4) 3.575 (5) 3.589  
 Average Trigger Pull at End of Test: 3.516 Std. Dev. of Trigger Pull at End of Test: \_\_\_\_\_

Tester Initials: SW/BL

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	Fail	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 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

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