

TLW 0300

Project No. 241095

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

Gun  
 Firecontrol No. C26 Firecontrol Type: Std. Date: 12-10-00  
 Dry Cycles/Rounds Completed: \_\_\_\_\_ Stock Type Syn. Engagement at Start 0195  
 Model No. 710 Serial No. 71002580 Engagement at End 0187  
 Trigger Pull at Start of Test (1) 3.75 (2) 4.0 (3) 4.25 (4) 4.0 (5) 3.75 (6) 4.0  
 Average Trigger Pull at Start of Test: 3.96 Std. Dev. of Trigger Pull at Start of Test: \_\_\_\_\_  
 Trigger Pull at End of Test (1) 4.5 (2) 4.25 (3) 4.25 (4) 4.75 (5) 4.5 (6) 4.75  
 Average Trigger Pull at End of Test: 4.50 Std. Dev. of Trigger Pull at End of Test: \_\_\_\_\_

Tester Initials: JW & SW

## Additional Notes and Comments

W/o Scopebracket screw loose on inspection after drops

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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  
12-10-00 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 unlockedposition for all six orientations of the Jar-Off 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 _____	
Barrel Horizontal, Bottom of Stock Down:	Pass <input checked="" type="checkbox"/> Fail _____	<u>Grip cap came off</u>

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**S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST***SAAMI Specifications for Standard Drop Test:*Drop Test:

12/11/00

48-inch drop - onto 1" thick 85 durameter (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"/>	83
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"/>	bolt stop released
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"/>	bolt stop released
Barrel Horizontal, Bottom of Stock Down:	Pass <input checked="" type="checkbox"/>	Fail <input type="checkbox"/>	" "

*SAAMI Specifications for Standard Rotation Test:*Rotation Test:

12/10/00

Rest Firearm on the Butt end and allow Firearm to fall  
 Drop - onto 1" thick 85 durameter (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.

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"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"/>	Bolt Stop Released
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/JW