

TLW 0452Project No. 241267**S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST**

*GUN*  
 Firecontrol No. A-6 Firecontrol Type: Standard Date: 01-10-01  
 Dry Cycles/Rounds Completed: \_\_\_\_\_ Stock Type Synthetic Engagement at Start 0.179  
 Model No. M/7 Serial No. 7758654 Engagement at End 0.179  
 Trigger Pull at Start of Test (1) 4.0 (2) 4.0 (3) 3.75 (4) 4.0 (5) 4.0 (6) 3.75  
 Average Trigger Pull at Start of Test: 3.91 Std. Dev. of Trigger Pull at Start of Test: \_\_\_\_\_  
 Trigger Pull at End of Test (1) 4.0 (2) 4.0 (3) 3.75 (4) 4.0 (5) 4.0 (6) 4.0  
 Average Trigger Pull at End of Test: 3.95 Std. Dev. of Trigger Pull at End of Test: \_\_\_\_\_

Tester Initials: RVL

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

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 checked="" type="checkbox"/> Fail <input type="checkbox"/>	
Barrel Horizontal, Bottom of Stock Down:	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>	

ET30074

TLW 0452

Project No. 241267

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

Drop Test: 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"/>	
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"/>	Rear Screw Broke (Replace S.Grow)
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"/>	

*SAAMI Specifications for Standard Rotation Test:*

Rotation Test: 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.

"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 JW / BL

Page 2 of 2  
Z101\DROPTEST\_REV3.DOC

ET30075