

TLW 0395

Project No. 241095

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JW

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

Firecontrol No. \_\_\_\_\_ Firecontrol Type: Std. Date: 1-17-01Dry Cycles/Rounds Completed: \_\_\_\_\_ Stock Type S&W Engagement at Start .0198Model No. 710 Serial No. 71002460 Engagement at End .0199Trigger Pull at Start of Test (1) 4.0 (2) 4.25 (3) 4.25 (4) 4.25 (5) 4.25 (6) 4.25Average Trigger Pull at Start of Test: 4.21 Std. Dev. of Trigger Pull at Start of Test: \_\_\_\_\_Trigger Pull at End of Test (1) 4.0 (2) 4.0 (3) 4.25 (4) 4.25 (5) 4.25 (6) 4.25Average Trigger Pull at End of Test: 4.17 Std. Dev. of Trigger Pull at End of Test: \_\_\_\_\_

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.

	Pass	Fail	Comments
Barrel Horizontal, Bottom of Stock Down:	Pass	Fail	
Barrel Horizontal, Bottom of Stock Up:	Pass	Fail	
Barrel Horizontal, Left side of Stock Up:	Pass	Fail	
Barrel Horizontal, Right side of Stock Up:	Pass	Fail	
Barrel Vertical, Muzzle Up:	Pass	Fail	
Barrel Vertical, Muzzle Down:	Pass	Fail	

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# S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST (cont'd)

## 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.

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

## 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" (safety in "Safe" position) - one drop per orientation.

	Pass	Fail	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: \_\_\_\_\_  
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Tester Initials: JW + EP

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