

TLW 0395  
Project No. 241095

Page 1 of 2

JW

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

Firecontrol No. \_\_\_\_\_ Firecontrol Type: Std. Date: 1-17-01

Dry Cycles/Rounds Completed: \_\_\_\_\_ Stock Type S&W Engagement at Start .0198

Model No. 710 Serial No. 71002460 Engagement at End .0199

Trigger Pull at Start of Test (1) 4.0 (2) 4.25 (3) 4.25 (4) 4.25 (5) 4.25 (6) 4.25

Average 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) 4.25

Average 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 <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, 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"/>	

ET19949

TLW 0395  
Project No. 241095

Page 2 of 2

**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 RECOILED
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:

Tester Initials: JW + EP

ET19950