

TLW 1216 XProject No. 241314**S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST****JAR-OFF TEST**

Firecontrol No. A-9 Firecontrol Type: Standard Date: 9-11-03
 Dry Cycles/Rounds Completed: _____ Stock Type SYN
 Engagement at Start (1) .0204 (2) .0203 (3) .0204 Average .02036
 Engagement at End (1) .0204 (2) .0200 (3) .0202 Average .0202
 Model No. m/710 Serial No. 71126325
 Trigger Pull at Start of Test (1) 3.950 (2) 4.125 (3) 3.994 (4) 3.985 (5) 4.074
 Average Trigger Pull at Start of Test: 4.026 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 3.909 (2) 4.236 (3) 4.164 (4) 4.266 (5) 4.199
 Average Trigger Pull at End of Test: 4.155 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 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

Page 1 of 3
 Z101\DROPTEST_REV5.DOC

ET22343

TLW 1216 YProject No. 241314**S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST****ROTATION TEST**

Firecontrol No. A-9 Firecontrol Type: Standard Date: 9-12-03
 Dry Cycles/Rounds Completed: _____ Stock Type CYN
 Engagement at Start (1) .0204 (2) .0200 (3) .0202 Average .0202
 Engagement at End (1) .0202 (2) .0204 (3) .0204 Average _____
 Model No. m/710 Serial No. 71126325
 Trigger Pull at Start of Test (1) 3.909 (2) 4.236 (3) 4.164 (4) 4.266 (5) 4.199
 Average Trigger Pull at Start of Test: 4.155 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 3.980 (2) 4.067 (3) 4.098 (4) 3.967 (5) 3.886
 Average Trigger Pull at End of Test: 3.986 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

Page 2 of 3
 Z101\DROPTEST_REV5.DOC

ET22344

TLW 1216 W

Project No. 241314

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

Firecontrol No. A-9 Firecontrol Type: Standard Date: 9-12-03
 Dry Cycles/Rounds Completed: _____ Stock Type: _____ Engagement at Start _____
 Engagement at Start (1) .0202 (2) .0204 (3) .0204 Average .0203
 Engagement at End (1) .0205 (2) .0204 (3) .0204 Average .0203
 Model No. M/710 Serial No. 71126325 Engagement at End _____
 Trigger Pull at Start of Test (1) 4.080 (2) 4.104 (3) 4.175 (4) 4.081 (5) 4.192
 Average Trigger Pull at Start of Test: 4.126 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.555 (2) 4.396 (3) 4.431 (4) 4.363 (5) 4.208
 Average Trigger Pull at End of Test: 4.391 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	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 SW/BLPage 3 of 3
Z101NDROPTTEST_REV5.DOC

ET22345