

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

Firecontrol No. A-12 Firecontrol Type: Standard Date: 9-11-03
 Dry Cycles/Rounds Completed: _____ Stock Type syn
 Engagement at Start (1) .0201 (2) .0203 (3) .0201 Average .02016
 Engagement at End (1) .0203 (2) .0201 (3) .0200 Average .02013
 Model No. M/710 Serial No. 71126326
 Trigger Pull at Start of Test (1) 3.836 (2) 4.241 (3) 4.097 (4) 4.913 (5) 4.109
 Average Trigger Pull at Start of Test: 4.095 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 3.214 (2) 3.226 (3) 3.282 (4) 3.407 (5) 3.551
 Average Trigger Pull at End of Test: 3.336 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

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/BL

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

Firecontrol No. A-12 Firecontrol Type: Standard Date: 9-12-03
 Dry Cycles/Rounds Completed: _____ Stock Type syn
 Engagement at Start (1) .0203 (2) .0201 (3) .0200 Average .02013
 Engagement at End (1) .0205 (2) .0204 (3) .0205 Average .02046
 Model No. M/710 Serial No. 711206326
 Trigger Pull at Start of Test (1) 4.087 (2) 4.164 (3) 4.053 (4) 4.058 (5) 3.986
 Average Trigger Pull at Start of Test: 4.070 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 3.868 (2) 4.045 (3) 4.098 (4) 3.976 (5) 4.345
 Average Trigger Pull at End of Test: 4.066 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 theISS 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)

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

Firecontrol No. A-12 Firecontrol Type: standard Date: 9-12-03
 Dry Cycles/Rounds Completed: _____ Stock Type: Syn Engagement at Start _____
 Engagement at Start (1) .0205 (2) .0204 (3) .0205 Average .02046
 Engagement at End (1) .0205 (2) .0207 (3) .0208 Average .02066
 Model No. M/710 Serial No. 71126326 Engagement at End _____
 Trigger Pull at Start of Test (1) 3.868 (2) 4.045 (3) 4.098 (4) 3.976 (5) 4.345
 Average Trigger Pull at Start of Test: 4.066 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.099 (2) 4.072 (3) 3.817 (4) 4.172 (5) 4.118
 Average Trigger Pull at End of Test: 4.056 Std. Dev. of Trigger Pull at End of Test: _____

Tester Initials: SW/BL

Additional Notes and Comments

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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 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"/>	magazine latch broken
Barrel Horizontal, Left side of Stock Up:	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>	Bolt handle broken (replaced bdt)
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"/>	magazine box came apart
Barrel Horizontal, Bottom of Stock Down:	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>	

Notes: (continue on back of sheet if necessary)

Fix magazine latch / Put magazine box back together

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