

30.06

TLW 1849

Project No. 241814

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

JAR-OFF TEST

Firecontrol No. A-5 Firecontrol Type: standard Date: 12-9-03

Dry Cycles/Rounds Completed: Stock Type SYN

Engagement at Start (1) .0201 (2) .0204 (3) .0201 Average .0202

Engagement at End (1) .0172 (2) .0179 (3) .0174 Average .0175

Model No. m/710 Serial No. 71146951

Trigger Pull at Start of Test (1) 4.034 (2) 4.058 (3) 4.135 (4) 4.185 (5) 3.976

Average Trigger Pull at Start of Test: 4.078 Std. Dev. of Trigger Pull at Start of Test:

Trigger Pull at End of Test (1) 3.974 (2) 3.995 (3) 3.950 (4) 4.125 (5) 3.912

Average Trigger Pull at End of Test: 3.983 Std. Dev. of Trigger Pull at End of Test:

Tester Initials: RL/JS

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

RL/JS

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ET33818

TLW 1349Project No. 241 314**S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST****ROTATION TEST**Firecontrol No. A-5 Firecontrol Type: standard Date: 12-8-03Dry Cycles/Rounds Completed: _____ Stock Type syntheticEngagement at Start (1) .0206 (2) .0206 (3) .0205 Average .02056Engagement at End (1) .0242 (2) .0249 (3) .024 Average .0243Model No. M/710 Serial No. 71141951Trigger Pull at Start of Test (1) 4.061 (2) 4.093 (3) 4.099 (4) 3.977 (5) 4.118Average Trigger Pull at Start of Test: 4.070 Std. Dev. of Trigger Pull at Start of Test: _____Trigger Pull at End of Test (1) 4.942 (2) 5.017 (3) 4.860 (4) 4.704 (5) 4.669Average Trigger Pull at End of Test: 4.838 Std. Dev. of Trigger Pull at End of Test: _____Tester Initials: BL/JS

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 BL/JS

TLW 1349

Project No. 241314

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

Firecontrol No. A-5 Firecontrol Type: standard Date: 12-9-03
 Dry Cycles/Rounds Completed: _____ Stock Type _____ Engagement at Start _____
 Engagement at Start (1) .0208 (2) .0208 (3) .0202 Average .0206
 Engagement at End (1) .0206 (2) .0216 (3) .021 Average .021
 Model No. M/710 Serial No. 71146951 Engagement at End _____
 Trigger Pull at Start of Test (1) 4.034 (2) 4.199 (3) 3.906 (4) 4.073 (5) 4.000
 Average Trigger Pull at Start of Test: 4.042 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.352 (2) 4.483 (3) 4.334 (4) 4.398 (5) 4.409
 Average Trigger Pull at End of Test: 4.395 Std. Dev. of Trigger Pull at End of Test: _____

Tester Initials: BL/JS

Additional Notes and Comments

Trigger Pull set to 4.451

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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 theISS system in the unlocked position for all six orientations of the Drop Test

Orientation	ISS Unlocked	Comments
Barrel Vertical, Muzzle Up:	Pass <u>/</u> Fail _____	
Barrel Vertical, Muzzle Down:	Pass <u>/</u> Fail _____	
Barrel Horizontal, Left side of Stock Up:	Pass <u>/</u> Fail _____	
Barrel Horizontal, Right side of Stock Up:	Pass <u>/</u> Fail _____	
Barrel Horizontal, Bottom of Stock Up:	Pass <u>/</u> Fail _____	<u>Bolt came open</u>
Barrel Horizontal, Bottom of Stock Down:	Pass <u>/</u> Fail _____	<u>Beat Scope</u>

Notes: (continue on back of sheet if necessary)

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