

TLW 1349

Project No. 241314

30.86

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

Firecontrol No. A-4 Firecontrol Type: Standard Date: 12-9-03
 Dry Cycles/Rounds Completed: _____ Stock Type SVN
 Engagement at Start (1) .0204 (2) .0208 (3) .0205 Average .02056
 Engagement at End (1) .0194 (2) .0196 (3) .0186 Average .0192
 Model No. m/710 Serial No. 71147418
 Trigger Pull at Start of Test (1) 4.297 (2) 3.807 (3) 3.853 (4) 4.011 (5) 4.088
 Average Trigger Pull at Start of Test: 4.011 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.222 (2) 4.070 (3) 3.782 (4) 4.020 (5) 4.214
 Average Trigger Pull at End of Test: 4.062 Std. Dev. of Trigger Pull at End of Test: _____

Tester Initials: BL/JS

Additional Notes and Comments

83

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 _____	_____
Barrel Vertical, Muzzle Down:	Pass <input checked="" type="checkbox"/> Fail _____	_____
Barrel Horizontal, Left side of Stock Up:	Pass <input checked="" type="checkbox"/> Fail _____	_____
Barrel Horizontal, Right side of Stock Up:	Pass <input checked="" type="checkbox"/> Fail _____	_____
Barrel Horizontal, Bottom of Stock Up:	Pass <input checked="" type="checkbox"/> Fail _____	_____
Barrel Horizontal, Bottom of Stock Down:	Pass <input checked="" type="checkbox"/> Fail _____	_____

Notes: (continue on back of sheet if necessary)

Tester's Initials BL/JS

Page 1 of 3
 Z101\DROPTEST_REV5.DOC

ET33813

TLW 1349Project No. 241314**S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST****ROTATION TEST**

Firecontrol No. A-4 Firecontrol Type: Standard Date: 12-8-03
 Dry Cycles/Rounds Completed: _____ Stock Type Synthetic
 Engagement at Start (1) .0201 (2) .0204 (3) .0207 Average .0204
 Engagement at End (1) .0226 (2) .023 (3) .023 Average .0228
 Model No. M/710 Serial No. 71147418
 Trigger Pull at Start of Test (1) 4.174 (2) 3.974 (3) 4.030 (4) 4.225 (5) 3.977
 Average Trigger Pull at Start of Test: 4.076 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.823 (2) 5.166 (3) 4.999 (4) 5.220 (5) 4.966
 Average Trigger Pull at End of Test: 5.035 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 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 _____	
Firearm Vertical, Drop so right side of Stock is Up:	Pass <input checked="" type="checkbox"/> Fail _____	

Notes: (continue on back of sheet if necessary)

Tester's Initials BL JS

ET33814

TLW 1349Project No. 241314**S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST****DROP TEST**

Firecontrol No. A-4 Firecontrol Type: Standard Date: 12-9-03
 Dry Cycles/Rounds Completed: _____ Stock Type SYN Engagement at Start _____
 Engagement at Start (1) .0206 (2) .0209 (3) .0199 Average .0204
 Engagement at End (1) .0211 (2) .0213 (3) .0207 Average .0210
 Model No. M/710 Serial No. 71147418 Engagement at End _____
 Trigger Pull at Start of Test (1) 4.222 (2) 4.070 (3) 3.782 (4) 4.020 (5) 4.214
 Average Trigger Pull at Start of Test: 4.062 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.648 (2) 4.228 (3) 4.567 (4) 3.938 (5) 4.224
 Average Trigger Pull at End of Test: 4.321 Std. Dev. of Trigger Pull at End of Test: _____

Tester Initials: BL/JS

Additional Notes and Comments

Trigger Pull set to 4.481

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 <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 _____	
Barrel Horizontal, Bottom of Stock Down:	Pass <u>/</u> Fail _____	

Notes: (continue on back of sheet if necessary)

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Z101\DROPTEST_REV5.DOC

ET33815