

TLW 1216X

Project No. 241314

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

Firecontrol No. A-14 Firecontrol Type: Standard Date: 9-11-03
 Dry Cycles/Rounds Completed: _____ Stock Type: syn
 Engagement at Start (1) .0199 (2) .0201 (3) .0201 Average .02003
 Engagement at End (1) .0221 (2) .0220 (3) .0220 Average .02203
 Model No. M/710 Serial No. 71126540
 Trigger Pull at Start of Test (1) 4.151 (2) 4.220 (3) 4.075 (4) 4.093 (5) 4.042
 Average Trigger Pull at Start of Test: 4.116 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.033 (2) 4.189 (3) 4.093 (4) 4.109 (5) 4.172
 Average Trigger Pull at End of Test: 4.119 Std. Dev. of Trigger Pull at End of Test: _____
 Tester Initials: SW/BL

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 <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"/>	magazine catch Broken (Replaced)

Notes: (continue on back of sheet if necessary)

Tester's Initials SW/BL

Page 1 of 3
 Z101WDROPTTEST_REV5.DOC

ET22318

TLW 12164

Project No. 241314

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

ROTATION TEST

Firecontrol No. A-14 Firecontrol Type: Standard Date: 9-12-03
 Dry Cycles/Rounds Completed: _____ Stock Type Syn
 Engagement at Start (1) .0198 (2) .0201 (3) .0199 Average .01993
 Engagement at End (1) .0201 (2) .0201 (3) .0201 Average .0201
 Model No. M/710 Serial No. 71126540
 Trigger Pull at Start of Test (1) 4.265 (2) 3.974 (3) 3.902 (4) 3.987 (5) 3.952
 Average Trigger Pull at Start of Test: 4.016 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 3.995 (2) 3.948 (3) 3.921 (4) 3.836 (5) 3.887
 Average Trigger Pull at End of Test: 3.917 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

TLW 1216W

Project No. 241314

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

DROP TEST

Firecontrol No. A-14 Firecontrol Type: Standard Date: 9/12/03
 Dry Cycles/Rounds Completed: Stock Type: SYN Engagement at Start
 Engagement at Start (1) .0201 (2) .0201 (3) .0201 Average .0201
 Engagement at End (1) .0206 (2) .0203 (3) .0203 Average .0204
 Model No. M/710 Serial No. 71126540 Engagement at End
 Trigger Pull at Start of Test (1) 4.125 (2) 4.148 (3) 4.069 (4) 4.003 (5) 4.031
 Average Trigger Pull at Start of Test: 4.075 Std. Dev. of Trigger Pull at Start of Test:
 Trigger Pull at End of Test (1) 4.334 (2) 4.472 (3) 4.250 (4) 4.361 (5) 4.283
 Average Trigger Pull at End of Test: 4.328 Std. Dev. of Trigger Pull at End of Test:

Tester Initials: SW/BL

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 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"/>	magazine release not functioning
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)

magazine release fixed

Tester's Initials SW/BL

Page 3 of 3
 Z101DROPTTEST_REV5.DOC

ET22320