

270 WIN

TLW 1349

Project No. 241314

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

Firecontrol No. B3 Firecontrol Type: Standard Date: 12-9-03

Dry Cycles/Rounds Completed: Stock Type SYN

Engagement at Start (1) .0205 (2) .0209 (3) .0213 Average .0209

Engagement at End (1) .0197 (2) .0204 (3) .0207 Average .0202

Model No. m/710 Serial No. 71143652

Trigger Pull at Start of Test (1) 3.945 (2) 4.104 (3) 4.007 (4) 3.968 (5) 3.996

Average Trigger Pull at Start of Test: 4.004 Std. Dev. of Trigger Pull at Start of Test:

Trigger Pull at End of Test (1) 4.382 (2) 4.256 (3) 4.358 (4) 4.431 (5) 4.227

Average Trigger Pull at End of Test: 4.331 Std. Dev. of Trigger Pull at End of Test:

Tester Initials: JS/BC

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

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 JS/BC

Page 1 of 3
Z101\DROPTEST_REV5.DOC

ET33838

TLW

1349

Project No.

241314

S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST**ROTATION TEST**Firecontrol No. B3 Firecontrol Type: Standard Date: 12-9-03Dry Cycles/Rounds Completed: _____ Stock Type SVNEngagement at Start (1) .0201 (2) .0201 (3) .0206 Average .0203Engagement at End (1) .0205 (2) .0209 (3) .0213 Average .0209Model No. m/912 Serial No. 71142052Trigger Pull at Start of Test (1) 4.641 (2) 3.981 (3) 3.912 (4) 4.049 (5) 3.808Average Trigger Pull at Start of Test: 4.053 Std. Dev. of Trigger Pull at Start of Test: _____Trigger Pull at End of Test (1) 5.140 (2) 4.997 (3) 4.499 (4) 4.524 (5) 4.498Average Trigger Pull at End of Test: 4.732 Std. Dev. of Trigger Pull at End of Test: _____Tester Initials: JS/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)

Tester's Initials

BL, JS

Page 2 of 3

Z101\DROPTEST_REV5.DOC

ET33839

TLW 1349

Project No. 241314

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

Firecontrol No. B3 Firecontrol Type: standard Date: 12-9-03
 Dry Cycles/Rounds Completed: _____ Stock Type SYN Engagement at Start _____
 Engagement at Start (1) .0197 (2) .0204 (3) .0207 Average .0202
 Engagement at End (1) .0208 (2) .0201 (3) .0207 Average .0205
 Model No. M/710 Serial No. 71143652 Engagement at End _____
 Trigger Pull at Start of Test (1) 4.138 (2) 4.182 (3) 3.956 (4) 4.120 (5) 4.049
 Average Trigger Pull at Start of Test: 4.089 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.412 (2) 4.655 (3) 4.596 (4) 4.477 (5) 4.706
 Average Trigger Pull at End of Test: 4.509 Std. Dev. of Trigger Pull at End of Test: _____

Tester Initials: JS/BL

Additional Notes and Comments

Trigger Pull at 4.509

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 Tests:**

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

Notes: (continue on back of sheet if necessary)

Tester's Initials

JS/BLPage 3 of 3
Z101\DROPTEST_REV5.DOC

ET33840