

TLW 1303Project No. 241314**S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST****ROTATION TEST**Firecontrol No. A-42 Firecontrol Type: STANDARD Date: 1-6-04Dry Cycles/Rounds Completed: _____ Stock Type SYNEngagement at Start (1) .0206 (2) .0212 (3) .0211 Average .0209Engagement at End (1) .0194 (2) .0197 (3) .0201 Average .01973Model No. M/710 Serial No. 71149147Trigger Pull at Start of Test (1) 4.0 (2) 4.0 (3) 4.0 (4) 4.0 (5) 4.0Average Trigger Pull at Start of Test: 4.0 Std. Dev. of Trigger Pull at Start of Test: _____Trigger Pull at End of Test (1) 4.0 (2) 4.0 (3) 4.25 (4) 4.0 (5) 4.0Average Trigger Pull at End of Test: 4.05 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 Z199.5-1990**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)

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ET21406

TLW 1303

Project No. 241314

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

Firecontrol No. A-42 Firecontrol Type: STANDARD Date: 1-6-04

Dry Cycles/Rounds Completed: Stock Type SYN

Engagement at Start (1) .0203 (2) .0205 (3) .0203 Average .02036

Engagement at End (1) .0202 (2) .0207 (3) .0207 Average .0205

Model No. M/710 Serial No. 71149147

Trigger Pull at Start of Test (1) 4.0 (2) 4.0 (3) 4.25 (4) 4.0 (5) 4.0

Average Trigger Pull at Start of Test: 4.05 Std. Dev. of Trigger Pull at Start of Test: .1

Trigger Pull at End of Test (1) 4.0 (2) 4.0 (3) 4.25 (4) 4.5 (5) 4.5

Average Trigger Pull at End of Test: 4.25 Std. Dev. of Trigger Pull at End of Test: .1

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 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"/>	Bent Scope
Barrel Horizontal, Bottom of Stock Down:	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>	

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ET21407

TLW 1303Project No. 241314**S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST****DROP TEST**

Firecontrol No. A-42 Firecontrol Type: STANDARD Date: 1-6-04
 Dry Cycles/Rounds Completed: _____ Stock Type SVN Engagement at Start .0205
 Engagement at Start (1) .0202 (2) .0207 (3) .0207 Average .0205
 Engagement at End (1) .0242 (2) .0236 (3) .0238 Average .0238
 Model No. M/710 Serial No. 71149147 Engagement at End .0238
 Trigger Pull at Start of Test (1) 4.0 (2) 4.25 (3) 4.0 (4) 3.75 (5) 4.0
 Average Trigger Pull at Start of Test: 4.0 Std. Dev. of Trigger Pull at Start of Test: 4.668
 Trigger Pull at End of Test (1) 4.442 (2) 4.737 (3) 4.586 (4) 4.537 (5) 4.739
 Average Trigger Pull at End of Test: 4.608 Std. Dev. of Trigger Pull at End of Test: 4.608

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 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 <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"/>	Receiver Broken insert

Notes: (continue on back of sheet if necessary)

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