

TLW 1349

Project No. 241314

30.06

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

Firecontrol No. A-3 Firecontrol Type: Standard Date: 12-9-03
 Dry Cycles/Rounds Completed: _____ Stock Type SVW
 Engagement at Start (1) .0209 (2) .021 (3) .0213 Average .021
 Engagement at End (1) .0196 (2) .0196 (3) .0198 Average .0193
 Model No. M/710 Serial No. 71147436
 Trigger Pull at Start of Test (1) 4.038 (2) 4.132 (3) 4.238 (4) 4.336 (5) 4.184
 Average Trigger Pull at Start of Test: 4.186 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.157 (2) 3.962 (3) 3.831 (4) 3.714 (5) 3.893
 Average Trigger Pull at End of Test: 3.891 Std. Dev. of Trigger Pull at End of Test: _____

Tester Initials: RL/JS

Additional Notes and Comments

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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 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 _____	
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 RL/JS

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ET33808

TLW 1349Project No. 241314**S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST****ROTATION TEST**Firecontrol No. A-3 Firecontrol Type: Standard Date: 12-8-03Dry Cycles/Rounds Completed: _____ Stock Type SyntheticEngagement at Start (1) .0202 (2) .0203 (3) .0201 Average .0202Engagement at End (1) .0209 (2) .021 (3) .0213 Average .021Model No. M/710 Serial No. 7114Trigger Pull at Start of Test (1) 4.063 (2) 4.347 (3) 3.951 (4) 4.095 (5) 3.942Average Trigger Pull at Start of Test: 4.080 Std. Dev. of Trigger Pull at Start of Test: _____Trigger Pull at End of Test (1) 4.038 (2) 4.132 (3) 4.238 (4) 4.336 (5) 4.184Average Trigger Pull at End of Test: 4.186 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 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 RL, JS

ET33809

TLW 1849Project No. 241314**S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST****DROP TEST**

Firecontrol No. A-3 Firecontrol Type: Standard Date: 12-9-03
 Dry Cycles/Rounds Completed: _____ Stock Type SVN Engagement at Start _____
 Engagement at Start (1) .0211 (2) .0206 (3) .0213 Average .021
 Engagement at End (1) .0231 (2) .0238 (3) .0245 Average .0238
 Model No. M1710 Serial No. 71147436 Engagement at End _____
 Trigger Pull at Start of Test (1) 3.988 (2) 4.078 (3) 4.047 (4) 4.127 (5) 3.992
 Average Trigger Pull at Start of Test: 4.006 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.144 (2) 4.484 (3) 4.135 (4) 4.224 (5) 4.304
 Average Trigger Pull at End of Test: 4.258 Std. Dev. of Trigger Pull at End of Test: _____

Tester Initials: BL/JS

Additional Notes and Comments

Trigger Pull set at 4.459

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 _____	<u>Bolt + Case open</u>
Barrel Horizontal, Bottom of Stock Up:	Pass <u>/</u>	Fail _____	
Barrel Horizontal, Bottom of Stock Down:	Pass <u>/</u>	Fail _____	<u>Bolt Stops</u>

Notes: (continue on back of sheet if necessary)

Tester's Initials

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