

TLW 1407N

Project No. 241314

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

Firecontrol No. A31 Firecontrol Type: std. Date: 02/23/04

Dry Cycles/Rounds Completed: Stock Type syn

Engagement at Start (1) .0252 (2) .0253 (3) .0253 Average .02526

Engagement at End (1) .0252 (2) .0252 (3) .0253 Average .02523

Model No. 710 Serial No. 71147072

Trigger Pull at Start of Test (1) 4.453 (2) 4.546 (3) 4.535 (4) 4.558 (5) 4.571

Average Trigger Pull at Start of Test: 4.533 Std. Dev. of Trigger Pull at Start of Test:

Trigger Pull at End of Test (1) 4.393 (2) 4.499 (3) 4.637 (4) 4.496 (5) 4.517

Average Trigger Pull at End of Test: 4.508 Std. Dev. of Trigger Pull at End of Test:

Tester Initials: JW/JW

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.

Notes for Firearms with the ISS system installed - The ISS will be set in the unlockedposition 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"/>	

Notes: (continue on back of sheet if necessary)

Passed (PAC)

Tester's Initials JW/JW

TLW 14070

Project No. 241314

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

Firecontrol No. A31 Firecontrol Type: 572 Date: 2/27/04
Dry Cycles/Rounds Completed: _____ Stock Type 547
Engagement at Start (1) .0252 (2) .0252 (3) .0253 Average .02523
Engagement at End (1) .0253 (2) .0253 (3) .0252 Average .02526
Model No. 710 Serial No. 71147072
Trigger Pull at Start of Test (1) 4.393 (2) 4.499 (3) 4.637 (4) 4.496 (5) 4.517
Average Trigger Pull at Start of Test: 4.508 Std. Dev. of Trigger Pull at Start of Test: _____
Trigger Pull at End of Test (1) 4.471 (2) 4.432 (3) 4.327 (4) 4.345 (5) 4.285
Average Trigger Pull at End of Test: 4.352 Std. Dev. of Trigger Pull at End of Test: _____

Tester Initials: SW

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 _____	_____
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 SW

ET21134

TLW 1407P

Project No. 241314

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

Firecontrol No. A31 Firecontrol Type: std. Date: 2/24/04
 Dry Cycles/Rounds Completed: _____ Stock Type Syn Engagement at Start _____
 Engagement at Start (1) .0253 (2) .0253 (3) .0252 Average .02526
 Engagement at End (1) .0252 (2) .0254 (3) .0252 Average .02526
 Model No. 710 Serial No. 71147072 Engagement at End _____
 Trigger Pull at Start of Test (1) 4.598 (2) 4.518 (3) 4.560 (4) 4.529 (5) 4.485
 Average Trigger Pull at Start of Test: 4.538 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.595 (2) 4.542 (3) 4.591 (4) 4.572 (5) 4.623
 Average Trigger Pull at End of Test: 4.585 Std. Dev. of Trigger Pull at End of Test: _____
 Tester Initials: SW

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 _____	
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 _____	BENT SCOPE
Barrel Horizontal, Bottom of Stock Down:	Pass <input checked="" type="checkbox"/> Fail _____	

Notes: (continue on back of sheet if necessary)