

TLW 1407N

Project No. 241314

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

Firecontrol No. A34 Firecontrol Type: std. Date: 02/23/04
 Dry Cycles/Rounds Completed: _____ Stock Type syn
 Engagement at Start (1) .0250 (2) .0251 (3) .0250 Average .02503
 Engagement at End (1) .0249 (2) .0251 (3) .0250 Average .02500
 Model No. 710 Serial No. 71148857
 Trigger Pull at Start of Test (1) 4.536 (2) 4.606 (3) 4.424 (4) 4.561 (5) 4.431
 Average Trigger Pull at Start of Test: 4.512 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.585 (2) 4.534 (3) 4.530 (4) 4.562 (5) 4.567
 Average Trigger Pull at End of Test: 4.556 Std. Dev. of Trigger Pull at End of Test: _____
 Tester Initials: JW/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 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 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 _____	
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)

Passed (PKR)

Tester's Initials JW/SW

ET21154

TLW 14070

Project No. 241314

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

ROTATION TEST

Firecontrol No. A34 Firecontrol Type: SAJ. Date: 2/24/04
 Dry Cycles/Rounds Completed: Stock Type SYN
 Engagement at Start (1) .0249 (2) .0251 (3) .0250 Average .02500
 Engagement at End (1) .0251 (2) .0250 (3) .0252 Average .02510
 Model No. 710 Serial No. 71148857
 Trigger Pull at Start of Test (1) 4.585 (2) 4.534 (3) 4.530 (4) 4.562 (5) 4.567
 Average Trigger Pull at Start of Test: 4.556 Std. Dev. of Trigger Pull at Start of Test:
 Trigger Pull at End of Test (1) 4.239 (2) 4.241 (3) 4.149 (4) 4.088 (5) 4.154
 Average Trigger Pull at End of Test: 4.175 Std. Dev. of Trigger Pull at End of Test:

Tester Initials: SW 83

Additional Notes and Comments

For additional details on the proper procedures to be used for this Test Procedure refer to:

ANSI / SAAMI Z399.5-1990

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

ET21155

TLW 14078

Project No. 241314

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

Firecontrol No. A34 Firecontrol Type: S&A Date: 2/24/04
 Dry Cycles/Rounds Completed: _____ Stock Type S&A Engagement at Start _____
 Engagement at Start (1) .0251 (2) .0250 (3) .0252 Average .0251
 Engagement at End (1) .0266 (2) .0268 (3) .0265 Average .0263
 Model No. 710 Serial No. 71148857 Engagement at End _____
 Trigger Pull at Start of Test (1) 4.469 (2) 4.663 (3) 4.534 (4) 4.544 (5) 4.574
 Average Trigger Pull at Start of Test: 4.561 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.937 (2) 4.967 (3) 5.054 (4) 4.909 (5) 4.933
 Average Trigger Pull at End of Test: 4.960 Std. Dev. of Trigger Pull at End of Test: _____
 Tester Initials: SW

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 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)

ET21156