

Engagement 10250
Trigger Pull 4.800

TLW 76894
Project No. 241314

7MM

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

JAR-OFF TEST

Firecontrol No. A-37 Firecontrol Type: Standard Date: 2/16/05
Dry Cycles/Rounds Completed: Stock Type Syn 2/17/05
Engagement at Start (1) .0251 (2) .0254 (3) .0252 Average .02523
Engagement at End (1) .0248 (2) .0253 (3) .0254 Average .02516
Model No. 710 Serial No. 71203214
Trigger Pull at Start of Test (1) 4.598 (2) 4.458 (3) 4.385 (4) 4.579 (5) 4.523
Average Trigger Pull at Start of Test: 4.509 Std. Dev. of Trigger Pull at Start of Test:
Trigger Pull at End of Test (1) 4.999 (2) 5.029 (3) 4.225 (4) 4.866 (5) 5.030
Average Trigger Pull at End of Test: 4.830 Std. Dev. of Trigger Pull at End of Test:
Tester Initials: SW/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.

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

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 SW/JS

ET21827

TLW 16892Project No. 241314

7MM

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

Firecontrol No. A-37 Firecontrol Type: _____ Date: 2/17/05
 Dry Cycles/Rounds Completed: _____ Stock Type _____
 Engagement at Start (1) .0248 (2) .0253 (3) .0254 Average .02516
 Engagement at End (1) .0239 (2) .0238 (3) .0238 Average .02383
 Model No. _____ Serial No. _____
 Trigger Pull at Start of Test (1) 4.538 (2) 4.574 (3) 4.472 (4) 4.587 (5) 4.548
 Average Trigger Pull at Start of Test: 4.544 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.564 (2) 4.432 (3) 4.631 (4) 4.575 (5) 4.569
 Average Trigger Pull at End of Test: 4.554 Std. Dev. of Trigger Pull at End of Test: _____

Tester Initials: SW/JS 83

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/JS

ET21828

TLW 1689AA

Project No. 241314

7MM

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

DROP TEST

Firecontrol No. A-27 Firecontrol Type: _____ Date: 2/18/05
 Dry Cycles/Rounds Completed: _____ Stock Type _____ Engagement at Start 2/18/05
 Engagement at Start (1) .0253 (2) .0251 (3) .0254 Average .02526
 Engagement at End (1) .0252 (2) .0245 (3) .0254 Average .02503
 Model No. _____ Serial No. _____ Engagement at End _____
 Trigger Pull at Start of Test (1) 4.507 (2) 4.594 (3) 4.380 (4) 4.597 (5) 4.494
 Average Trigger Pull at Start of Test: 4.514 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.467 (2) 4.591 (3) 4.306 (4) 4.521 (5) 4.497
 Average Trigger Pull at End of Test: 4.476 Std. Dev. of Trigger Pull at End of Test: _____
 Tester Initials: SW/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 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 _____	Bolt came open
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 _____	Cracked Insert

Notes: (continue on back of sheet if necessary)

Cracked Insert Bottom Down