

TLW 16894Project No. 241314

30.06

S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST**JAR-OFF TEST**Firecontrol No. A-7 Firecontrol Type: Standard Date: 2/14/05Dry Cycles/Rounds Completed: _____ Stock Type SynEngagement at Start (1) .0203 (2) .0204 (3) .0203 Average .0203Engagement at End (1) .0204 (2) .0197 (3) .0199 Average .0200Model No. 710 Serial No. 71203339Trigger Pull at Start of Test (1) 4.082 (2) 4.043 (3) 4.044 (4) 4.000 (5) 4.007Average Trigger Pull at Start of Test: 4.045 Std. Dev. of Trigger Pull at Start of Test: _____Trigger Pull at End of Test (1) 5.748 (2) 5.691 (3) 5.505 (4) 6.152 (5) 5.977Average Trigger Pull at End of Test: 5.815 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 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

<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)

Tester's Initials SW/JS

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

Firecontrol No. A-7 Firecontrol Type: _____ Date: 2/14/05
 Dry Cycles/Rounds Completed: _____ Stock Type _____
 Engagement at Start (1) .0204 (2) .0197 (3) .0199 Average .0200
 Engagement at End (1) .0191 (2) .0186 (3) .0187 Average .0188
 Model No. _____ Serial No. _____
 Trigger Pull at Start of Test (1) 4.077 (2) 4.014 (3) 3.942 (4) 4.004 (5) 3.970
 Average Trigger Pull at Start of Test: 4.001 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.074 (2) 3.382 (3) 3.355 (4) 3.519 (5) 3.484
 Average Trigger Pull at End of Test: 3.603 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

ET22251

TLW 1689AA

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

Firecontrol No. A-7 Firecontrol Type: _____ Date: 2/15/05
 Dry Cycles/Rounds Completed: _____ Stock Type _____ Engagement at Start _____
 Engagement at Start (1) .0201 (2) .0209 (3) .0206 Average .02053
 Engagement at End (1) .0213 (2) .0211 (3) .0207 Average .02110
 Model No. _____ Serial No. _____ Engagement at End _____
 Trigger Pull at Start of Test (1) 4.068 (2) 4.066 (3) 3.964 (4) 4.159 (5) 3.864
 Average Trigger Pull at Start of Test: 4.024 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 3.985 (2) 3.979 (3) 3.850 (4) 4.407 (5) 4.089
 Average Trigger Pull at End of Test: 4.056 Std. Dev. of Trigger Pull at End of Test: _____
 Tester Initials: SW/JF
 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 _____	
Barrel Horizontal, Bottom of Stock Up:	Pass <input checked="" type="checkbox"/> Fail _____	Bent Scope / Broken Trigger
Barrel Horizontal, Bottom of Stock Down:	Pass _____ Fail _____	

Notes: (continue on back of sheet if necessary)

Broken Trigger Bottom up

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

Firecontrol No. A-7 Firecontrol Type: _____ Date: 2/22/05
 Dry Cycles/Rounds Completed: _____ Stock Type _____ Engagement at Start _____
 Engagement at Start (1) 0200 (2) 0200 (3) 0205 Average 0201.6
 Engagement at End (1) 0178 (2) 0171 (3) 0170 Average 0173.0
 Model No. _____ Serial No. _____ Engagement at End _____
 Trigger Pull at Start of Test (1) 3.972 (2) 4.130 (3) 4.039 (4) 3.947 (5) 4.091
 Average Trigger Pull at Start of Test: 4.036 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 3.693 (2) 3.683 (3) 3.536 (4) 3.670 (5) 3.323
 Average Trigger Pull at End of Test: 3.581 Std. Dev. of Trigger Pull at End of Test: _____

Tester Initials: SW/JJ

Additional Notes and Comments

Replaced Insert

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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 theISS system in the unlocked position for all six orientations of the Drop Test

Orientation	ISS Unlocked	Comments
Barrel Vertical, Muzzle Up:	Pass _____ Fail _____	
Barrel Vertical, Muzzle Down:	Pass _____ Fail _____	
Barrel Horizontal, Left side of Stock Up:	Pass _____ Fail _____	
Barrel Horizontal, Right side of Stock Up:	Pass _____ Fail _____	
Barrel Horizontal, Bottom of Stock Up:	- Pass _____ Fail _____	
Barrel Horizontal, Bottom of Stock Down:	- Pass <input checked="" type="checkbox"/> Fail _____	

Notes: (continue on back of sheet if necessary)

Insert OK

ET22253