

TLW 1530Y

Project No. 241236

7MM RemMag S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST

JAR-OFF TEST

Firecontrol No. A-10 Firecontrol Type: Standard Date: 8-30-04

Dry Cycles/Rounds Completed: Stock Type Syn

Engagement at Start (1) .0290 (2) .0290 (3) .0291 Average .02903

Engagement at End (1) .0277 (2) .0279 (3) .0279 Average .02783

Model No. M/710 Serial No. 71163353

Trigger Pull at Start of Test (1) 4.857 (2) 4.709 (3) 4.766 (4) 4.891 (5) 4.901

Average Trigger Pull at Start of Test: 4.825 Std. Dev. of Trigger Pull at Start of Test:

Trigger Pull at End of Test (1) 4.385 (2) 4.415 (3) 4.354 (4) 4.385 (5) 4.384

Average Trigger Pull at End of Test: 4.385 Std. Dev. of Trigger Pull at End of Test:

Tester Initials: SWJEW

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 <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

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TLW 1530 Z

Project No. 241230

7MM Rem Mags S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST

ROTATION TEST

Firecontrol No. A-10 Firecontrol Type: Date: 8-31-04

Dry Cycles/Rounds Completed: Stock Type

Engagement at Start (1) .0277 (2) .0279 (3) .0279 Average .02783

Engagement at End (1) .0281 (2) .0281 (3) .0280 Average .02806

Model No. Serial No.

Trigger Pull at Start of Test (1) 4.844 (2) 5.013 (3) 4.666 (4) 4.736 (5) 4.753

Average Trigger Pull at Start of Test: 4.802 Std. Dev. of Trigger Pull at Start of Test:

Trigger Pull at End of Test (1) 4.845 (2) 4.834 (3) 5.013 (4) 4.796 (5) 4.834

Average Trigger Pull at End of Test: 4.864 Std. Dev. of Trigger Pull at End of Test:

Tester Initials: SW/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 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

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TLW 1530 AA

Project No. 271230

7MM Rem Mag S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST

DROP TEST

Firecontrol No. A-10 Firecontrol Type: _____ Date: 8-31-04
 Dry Cycles/Rounds Completed: _____ Stock Type _____ Engagement at Start _____
 Engagement at Start (1) .0281 (2) .0281 (3) .0280 Average .02806
 Engagement at End (1) .0299 (2) .0300 (3) .0299 Average .02993
 Model No. _____ Serial No. _____ Engagement at End _____
 Trigger Pull at Start of Test (1) 4.845 (2) 4.834 (3) 5.013 (4) 4.796 (5) 4.834
 Average Trigger Pull at Start of Test: 4.864 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.645 (2) 4.701 (3) 4.666 (4) 4.647 (5) 4.661
 Average Trigger Pull at End of Test: 4.664 Std. Dev. of Trigger Pull at End of Test: _____

Tester Initials: SW/JW

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 _____	grip came came off Broken Insert

Notes: (continue on back of sheet if necessary)

Tester's Initials SW/JW
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