

TLW 1447 X

Project No. 241314

## 7MM REM MAG S.A.A.M.I. JAR-OFF, DROP &amp; ROTATION TEST

## JAR-OFF TEST

Firecontrol No. A-7 Firecontrol Type: STANDARD Date: 5-7-04  
 Dry Cycles/Rounds Completed: \_\_\_\_\_ Stock Type SYN  
 Engagement at Start (1) .0253 (2) .0255 (3) .0252 Average .0253  
 Engagement at End (1) .0253 (2) .0252 (3) .0254 Average .0253  
 Model No. 710 Serial No. 71154453  
 Trigger Pull at Start of Test (1) 4.474 (2) 4.467 (3) 4.516 (4) 4.520 (5) 4.673  
 Average Trigger Pull at Start of Test: 4.530 Std. Dev. of Trigger Pull at Start of Test: \_\_\_\_\_  
 Trigger Pull at End of Test (1) 4.576 (2) 4.570 (3) 4.525 (4) 4.590 (5) 4.488  
 Average Trigger Pull at End of Test: 4.550 Std. Dev. of Trigger Pull at End of Test: \_\_\_\_\_

Tester Initials: SW/BL

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 _____	_____
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)

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TLW 1447 Y

Project No. 241314

## 7mm REM MAG S.A.A.M.I. JAR-OFF, DROP &amp; ROTATION TEST

## ROTATION TEST

Firecontrol No. A-7 Firecontrol Type: Standard Date: 5-7-04  
 Dry Cycles/Rounds Completed: \_\_\_\_\_ Stock Type SVN  
 Engagement at Start (1) .0253 (2) .0253 (3) .0254 Average .02530  
 Engagement at End (1) .0251 (2) .0252 (3) .0251 Average .02513  
 Model No. 710 Serial No. 71154453  
 Trigger Pull at Start of Test (1) 4.576 (2) 4.570 (3) 4.525 (4) 4.590 (5) 4.488  
 Average Trigger Pull at Start of Test: 4.550 Std. Dev. of Trigger Pull at Start of Test: \_\_\_\_\_  
 Trigger Pull at End of Test (1) 4.950 (2) 5.1204 (3) 4.957 (4) 5.282 (5) 5.026  
 Average Trigger Pull at End of Test: 5.084 Std. Dev. of Trigger Pull at End of Test: \_\_\_\_\_

Tester Initials: SW/BL 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 <input type="checkbox"/>	
Firearm Vertical, Drop so right side of Stock is Up:	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>	

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TLW 1447 W

Project No. 241314

## 7mm REM MAG S.A.A.M.I. JAR-OFF, DROP &amp; ROTATION TEST

**DROP TEST**

Firecontrol No. A-7 Firecontrol Type: Standard Date: 5-7-04  
 Dry Cycles/Rounds Completed: \_\_\_\_\_ Stock Type SYW Engagement at Start \_\_\_\_\_  
 Engagement at Start (1) .0251 (2) .0252 (3) .0251 Average .02513  
 Engagement at End (1) .0348 (2) .0348 (3) .0348 Average .03480  
 Model No. 710 Serial No. 71154453 Engagement at End \_\_\_\_\_  
 Trigger Pull at Start of Test (1) 4.605 (2) 4.614 (3) 4.590 (4) 4.551 (5) 4.602  
 Average Trigger Pull at Start of Test: 4.592 Std. Dev. of Trigger Pull at Start of Test: \_\_\_\_\_  
 Trigger Pull at End of Test (1) 3.799 (2) 3.816 (3) 3.733 (4) 3.840 (5) 3.892  
 Average Trigger Pull at End of Test: 3.816 Std. Dev. of Trigger Pull at End of Test: \_\_\_\_\_

Tester Initials: SW/BL

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 theISS 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 _____	<u>Bent the scope</u>
Barrel Horizontal, Bottom of Stock Down:	Pass <input checked="" type="checkbox"/> Fail _____	

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