

TLW 1447x

Project No. 241314

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

## JAR-OFF TEST

Firecontrol No. A-8 Firecontrol Type: STANDARD Date: 5-7-04

Dry Cycles/Rounds Completed: Stock Type SYN

Engagement at Start (1) .0252 (2) .0251 (3) .0253 Average .0252

Engagement at End (1) .0245 (2) .0245 (3) .0245 Average .0245

Model No. 710 Serial No. 71163135

Trigger Pull at Start of Test (1) 4.761 (2) 4.405 (3) 4.387 (4) 4.715 (5) 4.578

Average Trigger Pull at Start of Test: 4.569 Std. Dev. of Trigger Pull at Start of Test:

Trigger Pull at End of Test (1) 4.181 (2) 4.351 (3) 4.418 (4) 4.265 (5) 4.193

Average Trigger Pull at End of Test: 4.282 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.

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/BL

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ET21555

TLW 1447 YProject No. 241314**7MM REM MAG S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST****ROTATION TEST**

Firecontrol No. A-8 Firecontrol Type: Standard Date: 5-7-04  
 Dry Cycles/Rounds Completed: \_\_\_\_\_ Stock Type SYN  
 Engagement at Start (1) .0250 (2) .0251 (3) .0251 Average .02506  
 Engagement at End (1) .0252 (2) .0253 (3) .0252 Average .02523  
 Model No. 710 Serial No. 71163135  
 Trigger Pull at Start of Test (1) 4.450 (2) 4.641 (3) 4.524 (4) 4.499 (5) 4.675  
 Average Trigger Pull at Start of Test: 4.558 Std. Dev. of Trigger Pull at Start of Test: \_\_\_\_\_  
 Trigger Pull at End of Test (1) 4.653 (2) 4.445 (3) 4.688 (4) 4.536 (5) 4.472  
 Average Trigger Pull at End of Test: 4.559 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"/>	

Notes: (continue on back of sheet if necessary)

Tester's Initials SW/BL
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TLW 1447WProject No. 241314

7mm Rem Mag

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

Firecontrol No. A-8 Firecontrol Type: Standard Date: 5-7-04  
 Dry Cycles/Rounds Completed: \_\_\_\_\_ Stock Type SVN Engagement at Start \_\_\_\_\_  
 Engagement at Start (1) .0252 (2) .0253 (3) .0252 Average .02523  
 Engagement at End (1) .0260 (2) .0260 (3) .0259 Average .02596  
 Model No. 710 Serial No. 21163135 Engagement at End \_\_\_\_\_  
 Trigger Pull at Start of Test (1) 4.653 (2) 4.445 (3) 4.688 (4) 4.536 (5) 4.472  
 Average Trigger Pull at Start of Test: 4.559 Std. Dev. of Trigger Pull at Start of Test: \_\_\_\_\_  
 Trigger Pull at End of Test (1) 4.300 (2) 4.394 (3) 4.372 (4) 4.329 (5) 4.308  
 Average Trigger Pull at End of Test: 4.307 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 _____	

Notes: (continue on back of sheet if necessary)

checked Insect (Broken and cracked)Tester's Initials SW/BLPage 3 of 3  
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