

TLW 1530Y

Project No. 241230

## 300 Win Mags S.A.A.M.I. JAR-OFF, DROP &amp; ROTATION TEST

## JAR-OFF TEST

Firecontrol No. A-14 Firecontrol Type: Standard Date: 8-30-04

Dry Cycles/Rounds Completed: Stock Type Syn

Engagement at Start (1) .0290 (2) .0293 (3) .0291 Average .02913

Engagement at End (1) .0314 (2) .0313 (3) .0311 Average .03126

Model No. M/710 Serial No. 71163363

Trigger Pull at Start of Test (1) 5.036 (2) 5.084 (3) 5.049 (4) 5.007 (5) 5.111

Average Trigger Pull at Start of Test: 5.057 Std. Dev. of Trigger Pull at Start of Test:

Trigger Pull at End of Test (1) 4.574 (2) 4.530 (3) 4.571 (4) 4.543 (5) 4.603

Average Trigger Pull at End of Test: 4.564 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 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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ET23015

TLW 1530 Z

Project No. 241230

300 Win Mag

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

## ROTATION TEST

Firecontrol No. A-14 Firecontrol Type: Date: 8-31-04

Dry Cycles/Rounds Completed: Stock Type

Engagement at Start (1) .0272 (2) .0271 (3) .0273 Average .02720

Engagement at End (1) .0270 (2) .0276 (3) .0271 Average .02703

Model No. Serial No.

Trigger Pull at Start of Test (1) 4.780 (2) 4.773 (3) 4.733 (4) 4.726 (5) 4.707

Average Trigger Pull at Start of Test: 4.742 Std. Dev. of Trigger Pull at Start of Test:

Trigger Pull at End of Test (1) 5.158 (2) 5.132 (3) 5.134 (4) 5.155 (5) 5.119

Average Trigger Pull at End of Test: 5.140 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

ET23016

TLW 1530 AA

Project No. 241230

300 Win Mag

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

Firecontrol No. A-14 Firecontrol Type: \_\_\_\_\_ Date: 8-31-04  
 Dry Cycles/Rounds Completed: \_\_\_\_\_ Stock Type \_\_\_\_\_ Engagement at Start \_\_\_\_\_  
 Engagement at Start (1) .0270 (2) .0270 (3) .0271 Average .02703  
 Engagement at End (1) .0276 (2) .0274 (3) .0276 Average .02753  
 Model No. \_\_\_\_\_ Serial No. \_\_\_\_\_ Engagement at End \_\_\_\_\_  
 Trigger Pull at Start of Test (1) 5.158 (2) 5.132 (3) 5.134 (4) 5.155 (5) 5.119  
 Average Trigger Pull at Start of Test: 5.140 Std. Dev. of Trigger Pull at Start of Test: \_\_\_\_\_  
 Trigger Pull at End of Test (1) 5.016 (2) 4.961 (3) 4.982 (4) 4.934 (5) 5.166  
 Average Trigger Pull at End of Test: 5.011 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 slope
Barrel Horizontal, Bottom of Stock Down:	Pass <input checked="" type="checkbox"/> Fail _____	

Notes: (continue on back of sheet if necessary)

Tester's Initials SW

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