

TLW 15304

Project No. 241230

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

JAR-OFF TEST

Firecontrol No. A-9 Firecontrol Type: Standard Date: 8-30-04

Dry Cycles/Rounds Completed: Stock Type Syn

Engagement at Start (1).0275 (2).0272 (3).0275 Average .02740

Engagement at End (1).0276 (2).0273 (3).0275 Average .02746

Model No. M/710 Serial No. 71163355

Trigger Pull at Start of Test (1)5.200 (2)5.020 (3)5.158 (4)5.020 (5)4.910

Average Trigger Pull at Start of Test: 5.062 Std. Dev. of Trigger Pull at Start of Test:

Trigger Pull at End of Test (1)4.393 (2)4.277 (3)4.411 (4)4.418 (5)4.455

Average Trigger Pull at End of Test: 4.391 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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TLW 1530 Z

Project No. 241230

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

ROTATION TEST

Firecontrol No. A-9 Firecontrol Type: _____ Date: 8-31-04
Dry Cycles/Rounds Completed: _____ Stock Type _____
Engagement at Start (1).0276 (2).0273 (3).0275 Average .02746
Engagement at End (1).0279 (2).0280 (3).0279 Average .02793
Model No. _____ Serial No. _____
Trigger Pull at Start of Test (1)4.709 (2)4.807 (3)4.744 (4)4.705 (5)4.785
Average Trigger Pull at Start of Test: 4.750 Std. Dev. of Trigger Pull at Start of Test: _____
Trigger Pull at End of Test (1)4.993 (2)4.942 (3)4.853 (4)4.947 (5)4.882
Average Trigger Pull at End of Test: 4.923 Std. Dev. of Trigger Pull at End of Test: _____
Tester Initials: SWJW
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 _____

TLW 1530 AA

Project No. 241230

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

DROP TEST

Firecontrol No. A-9 Firecontrol Type: _____ Date: 8-31-04
 Dry Cycles/Rounds Completed: _____ Stock Type _____ Engagement at Start _____
 Engagement at Start (1) .0279 (2) .0280 (3) .0279 Average .02793
 Engagement at End (1) .0264 (2) .0263 (3) .0263 Average .02633
 Model No. _____ Serial No. _____ Engagement at End _____
 Trigger Pull at Start of Test (1) 4.993 (2) 4.942 (3) 4.853 (4) 4.947 (5) 4.882
 Average Trigger Pull at Start of Test: 4.923 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.829 (2) 4.923 (3) 4.919 (4) 4.797 (5) 4.785
 Average Trigger Pull at End of Test: 4.861 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 _____	

Notes: (continue on back of sheet if necessary)

Tester's Initials SW
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