

TLW 1530 Y

Project No. 341230

300 Win Mag

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

JAR-OFF TEST

Firecontrol No. A-13 Firecontrol Type: Standard Date: 8-30-04

Dry Cycles/Rounds Completed: Stock Type Syn

Engagement at Start (1) .0286 (2) .0286 (3) .0283 Average .02850

Engagement at End (1) .0288 (2) .0286 (3) .0287 Average .02870

Model No. M/710 Serial No. 71163351

Trigger Pull at Start of Test (1) 4.669 (2) 4.619 (3) 4.580 (4) 4.756 (5) 4.686

Average Trigger Pull at Start of Test: 4.662 Std. Dev. of Trigger Pull at Start of Test:

Trigger Pull at End of Test (1) 4.591 (2) 4.553 (3) 4.489 (4) 4.449 (5) 4.573

Average Trigger Pull at End of Test: 4.531 Std. Dev. of Trigger Pull at End of Test:

Tester Initials: SWJ/SW

Additional Notes and Comments

83

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

Page 1 of 3
Z101\DROPTEST_REV5.DOC

ET22994

TLW 1530 ZProject No. 241230300 Win Mag S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST**ROTATION TEST**Firecontrol No. A-13 Firecontrol Type: _____ Date: 8-31-04

Dry Cycles/Rounds Completed: _____ Stock Type _____

Engagement at Start (1) .0288 (2) .0286 (3) .0287 Average .02870Engagement at End (1) .0290 (2) .0291 (3) .0289 Average .02900

Model No. _____ Serial No. _____

Trigger Pull at Start of Test (1) 4.591 (2) 4.553 (3) 4.489 (4) 4.449 (5) 4.573Average Trigger Pull at Start of Test: 4.531 Std. Dev. of Trigger Pull at Start of Test: _____Trigger Pull at End of Test (1) 4.944 (2) 4.888 (3) 4.784 (4) 4.927 (5) 4.824Average Trigger Pull at End of Test: 4.874 Std. Dev. of Trigger Pull at End of Test: _____Tester Initials: SWJ/TW

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 theISS 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 _____	_____
Firearm Vertical, Drop so right side of Stock is Up:	Pass <input checked="" type="checkbox"/> Fail _____	_____

Notes: (continue on back of sheet if necessary)

Tester's Initials _____

Page 2 of 3
Z101\DROPTEST_REV5.DOC

ET22995

TLW 1530 AA

Project No. 241230

300 Win Mag

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

Firecontrol No. A-13 Firecontrol Type: _____ Date: 8-31-04
 Dry Cycles/Rounds Completed: _____ Stock Type _____ Engagement at Start _____
 Engagement at Start (1) .0290 (2) .0291 (3) .0289 Average .02900
 Engagement at End (1) .0296 (2) .0297 (3) .0295 Average .02960
 Model No. _____ Serial No. _____ Engagement at End _____
 Trigger Pull at Start of Test (1) 4.944 (2) 4.888 (3) 4.784 (4) 4.927 (5) 4.827
 Average Trigger Pull at Start of Test: 4.874 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.923 (2) 4.729 (3) 4.932 (4) 4.899 (5) 4.937
 Average Trigger Pull at End of Test: 4.884 Std. Dev. of Trigger Pull at End of Test: _____

Tester Initials: SW/JS

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 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.

Notes 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 _____	<u>bent scope</u>
Barrel Horizontal, Bottom of Stock Down:	Pass <input checked="" type="checkbox"/> Fail _____	<u>Broken Insert</u>

Notes: (continue on back of sheet if necessary)

Tester's Initials _____

Page 3 of 3
 Z101\DROPTEST_REV5.DOC

ET22996