

TLW 1530 AB

Project No. 241230

7MM Rem Mag

EXTENDED JAR-OFF TESTING

Firecontrol No. A-9 Firecontrol Type: Standard Date: _____
 Dry Cycles/Rounds Completed: _____ Stock Type Syn Engagement at Start _____
 Model No. M/710 Serial No. 71163355 Engagement at End _____
 Trigger Pull at Start of Test (1) _____ (2) _____ (3) _____ (4) _____ (5) _____ (6) _____
 Average Trigger Pull at Start of Test: _____ Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) _____ (2) _____ (3) _____ (4) _____ (5) _____ (6) _____
 Average Trigger Pull at End of Test: _____ Std. Dev. of Trigger Pull at End of Test: _____

Tester Initials: _____

Additional Notes and Comments

PERFORM TESTING IN ITS ENTIRETY OR UNTIL THE GUN FAILS.
IF A GUN FAILS, FINISH DROPPING ALL ORIENTATIONS AT THAT HEIGHT, THEN STOP.

Specifications for Extended Jar-Off Test:

Jar-Off Test: 6, 18, 24, 36 & 48-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.

all drops (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

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EXTENDED JAR-OFF TESTING**6 INCH EXTENDED JAR-OFF TEST**

Engagement before 6"- 1. _____, 2. _____, 3. _____ Avg. _____

Trigger Movement before 6"- 1. _____, 2. _____, 3. _____ Avg. _____

Trigger Pull before 6"- 1. _____, 2. _____, 3. _____, 4. _____, 5. _____, Avg. _____

OrientationISS UnlockedComments

Barrel Vertical, Muzzle Up:	Pass _____ Fail _____	
Barrel Vertical, Muzzle Down:	Pass _____ Fail _____	
Barrel Horizontal, Left side of Stock Up:	Pass _____ Fail _____	
Barrel Horizontal, Right side of Stock Up:	Pass _____ Fail _____	
Barrel Horizontal, Bottom of Stock Up:	Pass _____ Fail _____	
Barrel Horizontal, Bottom of Stock Down:	Pass _____ Fail _____	

Engagement after 6"- 1. _____, 2. _____, 3. _____ Avg. _____

Trigger Movement after 6"- 1. _____, 2. _____, 3. _____ Avg. _____

Trigger Pull after 6"- 1. _____, 2. _____, 3. _____, 4. _____, 5. _____, Avg. _____

18 INCH EXTENDED JAR-OFF TESTEngagement before 18"- 1. 0.0264, 2. 0.0263, 3. 0.0263 Avg. 0.0263

Trigger Movement before 18"- 1. _____, 2. _____, 3. _____ Avg. _____

Trigger Pull before 18"- 1. 4.829, 2. 4.923, 3. 4.919, 4. 4.797, 5. 4.785, Avg. 4.851OrientationISS UnlockedComments

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 _____	

Engagement after 18"- 1. 0.0271, 2. 0.0273, 3. 0.0273 Avg. 0.0273

Trigger Movement after 18"- 1. _____, 2. _____, 3. _____ Avg. _____

Trigger Pull after 18"- 1. 4.996, 2. 5.101, 3. 5.045, 4. 5.012, 5. 5.043, Avg. 5.039

9-2-04

SW/jw

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EXTENDED JAR-OFF TESTING *Date - 2 Sep 04*

24 INCH EXTENDED JAR- OFF TEST

Engagement before 24"- 1. .0271, 2. .0273, 3. .0273 Avg. .02723

Trigger Movement before 24"- 1. _____, 2. _____, 3. _____ Avg. _____

Trigger Pull before 24"- 1. 4.996, 2. 5.101, 3. 5.045, 4. 5.012, 5. 5.043, Avg. 5.039

<u>Orientation</u>	<u>ISS Unlocked</u>	<u>Comments</u>
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 _____ Fail <input checked="" type="checkbox"/>	<u>Fired</u>
Barrel Horizontal, Bottom of Stock Down:	Pass <input checked="" type="checkbox"/> Fail _____	

Engagement after 24"- 1. .0273, 2. .0271, 3. .0274 Avg. .02726

Trigger Movement after 24"- 1. _____, 2. _____, 3. _____ Avg. _____

Trigger Pull after 24"- 1. 5.021, 2. 4.979, 3. 5.208, 4. 5.293, 5. 5.128, Avg. 5.126

36 INCH EXTENDED JAR- OFF TEST

Engagement before 36"- 1. _____, 2. _____, 3. _____ Avg. _____

Trigger Movement before 36"- 1. _____, 2. _____, 3. _____ Avg. _____

Trigger Pull before 36"- 1. _____, 2. _____, 3. _____, 4. _____, 5. _____, Avg. _____

<u>Orientation</u>	<u>ISS Unlocked</u>	<u>Comments</u>
Barrel Vertical, Muzzle Up:	Pass _____ Fail _____	
Barrel Vertical, Muzzle Down:	Pass _____ Fail _____	
Barrel Horizontal, Left side of Stock Up:	Pass _____ Fail _____	
Barrel Horizontal, Right side of Stock Up:	Pass _____ Fail _____	
Barrel Horizontal, Bottom of Stock Up:	Pass _____ Fail _____	
Barrel Horizontal, Bottom of Stock Down:	Pass _____ Fail _____	

Engagement after 36"- 1. _____, 2. _____, 3. _____ Avg. _____

Trigger Movement after 36"- 1. _____, 2. _____, 3. _____ Avg. _____

Trigger Pull after 36"- 1. _____, 2. _____, 3. _____, 4. _____, 5. _____, Avg. _____

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EXTENDED JAR-OFF TESTING

48 INCH EXTENDED JAR- OFF TEST

Engagement before 48"- 1. _____, 2. _____, 3. _____ Avg. _____

Trigger Movement before 48"- 1. _____, 2. _____, 3. _____ Avg. _____

Trigger Pull before 48"- 1. _____, 2. _____, 3. _____, 4. _____, 5. _____, Avg. _____

Orientation

ISS Unlocked

Comments

Barrel Vertical, Muzzle Up: Pass _____ Fail _____

Barrel Vertical, Muzzle Down: Pass _____ Fail _____

Barrel Horizontal, Left side of Stock Up: Pass _____ Fail _____

Barrel Horizontal, Right side of Stock Up: Pass _____ Fail _____

Barrel Horizontal, Bottom of Stock Up: Pass _____ Fail _____

Barrel Horizontal, Bottom of Stock Down: Pass _____ Fail _____

Engagement after 48"- 1. _____, 2. _____, 3. _____ Avg. _____

Trigger Movement after 48"- 1. _____, 2. _____, 3. _____ Avg. _____

Trigger Pull after 48"- 1. _____, 2. _____, 3. _____, 4. _____, 5. _____, Avg. _____

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