

TLW 1530ABProject No. 241230**EXTENDED JAR-OFF TESTING**

Firecontrol No. A-8 Firecontrol Type: STANDARD Date: 8-4-04
Dry Cycles/Rounds Completed: N/A Stock Type SYNTHETIC Engagement at Start .02626
Model No. M710 Serial No. 74163354 Engagement at End
Trigger Pull at Start of Test (1) 3.893 (2) 4.291 (3) 4.036 (4) 4.015 (5) 3.967 (6) 4.040
Average Trigger Pull at Start of Test: 4.040 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: BL/SW

Additional Notes and Comments

270win**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

ET22903

A-8

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. _____

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 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. .0200, 2. .0204, 3. .0204 Avg. .02026

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

Trigger Pull before 18"- 1. 3.893, 2. 4.291, 3. 4.036, 4. 4.015, 5. 3.967, Avg. 4.040Orientation

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 18"- 1. .0202, 2. .0205, 3. .0200 Avg. .02023

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

Trigger Pull after 18"- 1. 4.446, 2. 4.112, 3. 3.949, 4. 3.831, 5. 4.001, Avg. 4.068

TLW 1530 ABProject No. 241230A-8**EXTENDED JAR-OFF TESTING****24 INCH EXTENDED JAR-OFF TEST**Engagement before 24"- 1. .0202, 2. .0205, 3. .0200 Avg. .02023

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

Trigger Pull before 24"- 1. 4.446, 2. 4.112, 3. 3.949, 4. 3.831, 5. 4.001, Avg. 4.068OrientationISS 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 24"- 1. .0203, 2. .0203, 3. .0204 Avg. .02033

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

Trigger Pull after 24"- 1. 4.011, 2. 3.950, 3. 4.032, 4. 4.157, 5. 4.011, Avg. 4.0322**36 INCH EXTENDED JAR-OFF TEST**Engagement before 36"- 1. .0203, 2. .0203, 3. .0204 Avg. .02033

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

Trigger Pull before 36"- 1. 4.011, 2. 3.958, 3. 4.032, 4. 4.157, 5. 4.011, Avg. 4.0322OrientationISS 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 ☒	<u>Gun Fired</u>
Barrel Horizontal, Bottom of Stock Down:	Pass ☒	Fail _____	

Engagement after 36"- 1. .0204, 2. .0205, 3. .0201 Avg. .02033

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

Trigger Pull after 36"- 1. 4.370, 2. 4.246, 3. 4.141, 4. 3.834, 5. 4.314, Avg. 4.181

TLW 1530 AB

Project No. 24120

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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