

TLW 1216Z

Project No. 241314

EXTENDED JAR-OFF TESTING

Firecontrol No. A-10 Firecontrol Type: Standard Date: _____
 Dry Cycles/Rounds Completed: _____ Stock Type syn Engagement at Start _____
 Model No. m/710 Serial No. 71126320 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: SW/BL

Additional Notes and Comments

83

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

TLW 12162Project No. 241314

A-10

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 TEST**

9/18/03

Engagement before 18"- 1. .0206 , 2. .0206 , 3. .0205 Avg. .02056

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

Trigger Pull before 18"- 1. 4.154 , 2. 4.024 , 3. 4.127 , 4. 4.006 , 5. 3.984 , Avg. 4.060Orientation

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. .0216 , 2. .0215 , 3. .0215 Avg. .02153

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

Trigger Pull after 18"- 1. 4.064 , 2. 3.929 , 3. 4.114 , 4. 4.009 , 5. 3.955 , Avg. 4.015

TLW 12162Project No. 241314A-10**EXTENDED JAR-OFF TESTING****24 INCH EXTENDED JAR- OFF TEST**Engagement before 24"- 1. .0205 , 2. .0204 , 3. .0204 Avg. .02043

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

Trigger Pull before 24"- 1. 4.064 , 2. 3.942 , 3. 4.020 , 4. 4.085 , 5. 3.928 , Avg. 4.008OrientationISS 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. .0204 , 2. .0204 , 3. .0205 Avg. .02043

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

Trigger Pull after 24"- 1. 4.203 , 2. 3.812 , 3. 3.749 , 4. 3.928 , 5. 3.758 , Avg. 3.890**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. _____

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

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

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

ET22310

TLW 1216ZProject No. 241314

A-10

EXTENDED JAR-OFF TESTING**48 INCH EXTENDED JAR- OFF TEST**Engagement before 48"- 1. .0205, 2. .0204, 3. .0204 Avg. .02043

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

Trigger Pull before 48"- 1. 3.969, 2. 3.985, 3. 4.147, 4. 4.053, 5. 4.057, Avg. 4.042

<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 _____	FIRING PIN HAD OVERDOSE SEEN BY HAND TRIGGER MECH
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. .0202, 2. .0200, 3. .0205 Avg. .0205

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

Trigger Pull after 48"- 1. 4.529, 2. 4.696, 3. 4.629, 4. 4.617, 5. 4.469, Avg. 4.588