

TLW 1530 AB

Project No. 241230

EXTENDED JAR-OFF TESTING

Firecontrol No. A-14 Firecontrol Type: Standard Date: _____
Dry Cycles/Rounds Completed: _____ Stock Type syn Engagement at Start _____
Model No. M/510 Serial No. 71163363 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

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

ET23018

A-14

TLW _____

Project No. _____

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. 0.376, 2. 0.374, 3. 0.376 Avg. 0.3753

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

Trigger Pull before 18"- 1. 5.016, 2. 4.961, 3. 4.982, 4. 4.934, 5. 5.160, Avg. 5.011OrientationISS 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 18"- 1. 0.376, 2. 0.375, 3. 0.376 Avg. 0.3756

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

Trigger Pull after 18"- 1. 4.988, 2. 5.067, 3. 4.888, 4. 5.052, 5. 4.892, Avg. 4.9779.2-04
SW/SW

ET23019

A-14

TLW _____

Project No. _____

EXTENDED JAR-OFF TESTING *Date - 2 Sep 04***24 INCH EXTENDED JAR-OFF TEST**Engagement before 24"- 1. 0.0376, 2. 0.0375, 3. 0.0376 Avg. 0.03756

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

Trigger Pull before 24"- 1. 4.988, 2. 5.067, 3. 4.888, 4. 5.052, 5. 4.892, Avg. 4.977**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 24"- 1. 0.0372, 2. 0.0370, 3. 0.0371 Avg. 0.03710

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

Trigger Pull after 24"- 1. 4.731, 2. 4.736, 3. 4.743, 4. 4.769, 5. 4.742, Avg. 4.744**36 INCH EXTENDED JAR-OFF TEST**9.2-04
SW/JWEngagement before 36"- 1. 0.0371, 2. 0.0370, 3. 0.0371 Avg. 0.03710

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

Trigger Pull before 36"- 1. 4.731, 2. 4.736, 3. 4.743, 4. 4.769, 5. 4.742, Avg. 4.744**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 ☒	Primed case fired
Barrel Horizontal, Bottom of Stock Down:	Pass ☒ Fail _____	

Engagement after 36"- 1. 0.0372, 2. 0.0375, 3. 0.0371 Avg. 0.03726

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

Trigger Pull after 36"- 1. 4.847, 2. 4.871, 3. 4.828, 4. 4.853, 5. 4.825, Avg. 4.845

TLW _____

Project No. _____

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. _____

83