

TLW 60104V  
Project No. 24095

## EXTENDED DROP TESTING

Gun  
Firecontrol No. B-25 Firecontrol Type: Standard Date: 9/15/00  
Dry Cycles/Rounds Completed: \_\_\_\_\_ Stock Type syn Engagement at Start .0234  
Model No. 710 Serial No. 71001049 Engagement at End .0237  
Trigger Pull at Start of Test (1) \_\_\_\_\_ (2) \_\_\_\_\_ (3) \_\_\_\_\_ (4) \_\_\_\_\_ (5) \_\_\_\_\_ (6) \_\_\_\_\_  
Average Trigger Pull at Start of Test: 4.13 Std. Dev. of Trigger Pull at Start of Test: \_\_\_\_\_  
Trigger Pull at End of Test (1) 4.58 (2) \_\_\_\_\_ (3) \_\_\_\_\_ (4) \_\_\_\_\_ (5) \_\_\_\_\_ (6) \_\_\_\_\_  
Average Trigger Pull at End of Test: \_\_\_\_\_ Std. Dev. of Trigger Pull at End of Test: \_\_\_\_\_

Tester Initials: SW/JW

Additional Notes and Comments

Gun with open sights

Magazine came out (Latch broke, replaced latch)

### Specifications for Extended Drop Test:

Extended Drop Test: 72 & 96 inch drop - onto 1" thick 85 durometer (Shore A Rubber Matt Firearm 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.

all drops (safety in "Safe" 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 Drop Test

### 72 INCH EXTENDED DROP TEST

<u>Orientation</u>	<u>ISS Unlocked</u>	<u>Comments</u>
Barrel Vertical, Muzzle Up:	Pass <u>/</u> Fail _____	
Barrel Vertical, Muzzle Down:	Pass <u>/</u> Fail _____	
Barrel Horizontal, Left side of Stock Up:	Pass <u>/</u> Fail _____	<u>magazine came out. (latch broke)</u>
Barrel Horizontal, Right side of Stock Up:	Pass <u>/</u> Fail _____	
Barrel Horizontal, Bottom of Stock Up:	Pass <u>/</u> Fail _____	
Barrel Horizontal, Bottom of Stock Down:	Pass <u>/</u> Fail _____	

TLW 0010AU

Project No. 241095

**EXTENDED ROTATION TEST**

Gun  
 Firearm No. B-25 Firecontrol Type: Standard Date: 9-29-00  
 Dry Cycles/Rounds Completed: \_\_\_\_\_ Stock Type Syn Engagement at Start 0.237  
 Model No. 710 Serial No. 71001049 Engagement at End 0.212  
 Trigger Pull at Start of Test (1) \_\_\_\_\_ (2) \_\_\_\_\_ (3) \_\_\_\_\_ (4) \_\_\_\_\_ (5) \_\_\_\_\_ (6) \_\_\_\_\_  
 Average Trigger Pull at Start of Test: 4.58 Std. Dev. of Trigger Pull at Start of Test: \_\_\_\_\_  
 Trigger Pull at End of Test (1) 4.0 (2) 3.5 (3) 3.5 (4) 3.75 (5) 3.5 (6) 3.75  
 Average Trigger Pull at End of Test: 3.66 Std. Dev. of Trigger Pull at End of Test: \_\_\_\_\_

Tester Initials: SW/JW

Additional Notes and Comments

Gun with open sights**SAAMI Specifications for Standard Rotation Test do not apply to this test.**

Extended Rotation Test: Rest Firearm on the Butt end and allow Firearm to fall  
 Drop - onto Tile Floor backed by Concrete. **NO 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 the  
ISS 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 \_\_\_\_\_

ET18867