

TLW 0010 AM

Project No. 241095

## EXTENDED DROP TESTING

Gun  
 No. B-27 Firecontrol Type: Standard Date: 9/15/00  
 Dry Cycles/Rounds Completed: Stock Type SYN Engagement at Start 10219  
 Model No. 710 Serial No. 71001308 Engagement at End  
 Trigger Pull at Start of Test (1) (2) (3) (4) (5) (6)  
 Average Trigger Pull at Start of Test: 4.75 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 / JW

Additional Notes and Comments

Gun with scope

## Specifications for Extended Drop Test:

Extended Drop Test: 72 & 96 inch drop - onto 1" thick 85 durameter (Shore A Rubber Mat). 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

Orientation	ISS Unlocked	Comments
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	Front two scope rail screws broke 9/16/00
Barrel Horizontal, Right side of Stock Up:	Pass <input checked="" type="checkbox"/> Fail	Broke Bolt Plug - Replaced w/ one
Barrel Horizontal, Bottom of Stock Up:	Pass <input checked="" type="checkbox"/> Fail	Broke Plastic Insert 9/28/00 from gun B27
Barrel Horizontal, Bottom of Stock Down:	Pass Fail	See Next Page

ET18873

TLW 0010 AWProject No. 241095**EXTENDED DROP TESTING**

Gun No. B-27 Firecontrol Type: Standard Date: 9/28/00  
 Dry Cycles/Rounds Completed: \_\_\_\_\_ Stock Type Syn Engagement at Start .0245  
 Model No. 710 Serial No. 71001308 Engagement at End .0275  
 Trigger Pull at Start of Test (1) \_\_\_\_\_ (2) \_\_\_\_\_ (3) \_\_\_\_\_ (4) \_\_\_\_\_ (5) \_\_\_\_\_ (6) \_\_\_\_\_  
 Average Trigger Pull at Start of Test: 4.50 Std. Dev. of Trigger Pull at Start of Test: \_\_\_\_\_  
 Trigger Pull at End of Test (1) 4.87 (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 scope

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Specifications for Extended Drop Test:

Extended Drop Test: 72 & 96-inch drop - onto 1" thick 85 durameter (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 _____ 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 <u>✓</u> Fail _____	<u>9/28/00</u>

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