

TLW 1216 ABProject No. 241314**EXTENDED DROP TESTING**

Firecontrol No. A-14 Firecontrol Type: _____ Date: 9-22-03
 Dry Cycles/Rounds Completed: _____ Stock Type _____ Engagement at Start .02083
 Model No. _____ Serial No. _____ Engagement at End .02166
 Trigger Pull at Start of Test (1) 3.962 (2) 4.272 (3) 4.032 (4) 4.137 (5) 4.170 (6) —
 Average Trigger Pull at Start of Test: 4.115 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 3.697 (2) 3.252 (3) 3.387 (4) 3.207 (5) 3.366 (6) —
 Average Trigger Pull at End of Test: 3.381 Std. Dev. of Trigger Pull at End of Test: _____

Tester Initials: SN/JS

Additional Notes and Comments

83

Specifications for Extended Drop Test:

Extended Drop Test: 72 & 96-inch drop - onto 1" thick 85 durometer (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

<u>Orientation</u>	<u>ISS Unlocked</u>	<u>Comments</u>
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 _____	
Barrel Horizontal, Right side of Stock Up:	Pass <input checked="" type="checkbox"/> Fail _____	
Barrel Horizontal, Bottom of Stock Up:	Pass _____ Fail _____	<u>BROKE PLASTIC RECEIVER INSERT</u>
Barrel Horizontal, Bottom of Stock Down:	Pass _____ Fail _____	

ET22326

TLW _____

Project No. _____

EXTENDED DROP TESTING**96 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 _____ Fail _____	_____

83

Page 2 of 2

Z101\DROPTEST_REV3.DOC

ET22327