

TLW 1820 AD

Project No. 241220

300 Win Mag

EXTENDED DROP TESTING

Firecontrol No. A-13 Firecontrol Type: Standard Date: 9-3-04
 Dry Cycles/Rounds Completed: _____ Stock Type Syn Engagement at Start .02780
 Model No. M/710 Serial No. 71163351 Engagement at End .02966
 Trigger Pull at Start of Test (1) 5.024 (2) 4.952 (3) 5.038 (4) 4.955 (5) 4.961 (6) 4.966
 Average Trigger Pull at Start of Test: 4.986 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.999 (2) 4.920 (3) 4.976 (4) 4.920 (5) 5.012 (6) 4.966
 Average Trigger Pull at End of Test: 4.965 Std. Dev. of Trigger Pull at End of Test: _____
.0278, .0279, .0277 Avg - .02780 Tester Initials: SW/SW

Additional Notes and Comments

.0298, .0296, .0296 Avg - .02966

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

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 _____	
Barrel Horizontal, Right side of Stock Up:	Pass <input checked="" type="checkbox"/> Fail _____	
Barrel Horizontal, Bottom of Stock Up:	Pass <input checked="" type="checkbox"/> Fail _____	
Barrel Horizontal, Bottom of Stock Down:	Pass <input checked="" type="checkbox"/> Fail _____	Broken Tang off insert Broke Scope (replaced)

ET23002

TLW _____

Project No. _____

EXTENDED DROP TESTINGSW/JW
9-3-04**96 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 <input checked="" type="checkbox"/>	Primed case fired
Barrel Horizontal, Bottom of Stock Down:	Pass <input checked="" type="checkbox"/> Fail _____	Light indent on primed case Broken Lugent

Before
Engagement .0273, .0275, .0274 Avg .02740
Trigger Pull 5.091, 5.149, 5.179, 5.117, 5.077 Avg 5.123

After
Engagement .0275, .0275, .0280 Avg .02796
Trigger Pull 4.931, 4.840, 4.991, 4.933, 4.883 Avg 4.915

ET23003