TLW 1216X

Project No. 241314

# S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST

**JAR-OFF TEST**

Firecontrol No. A-12 Firecontrol Type: Standard Date: 9-11-03

Dry Cycles/Rounds Completed: _____ Stock Type SYN

Engagement at Start (1) .0201 (2) .0203 (3) .0201 Average .02016

Engagement at End (1) .0203 (2) .0201 (3) .0200 Average .02013

Model No. M/710 Serial No. 71126326

Trigger Pull at Start of Test (1) 3.836 (2) 4.241 (3) 4.097 (4) 4.913 (5) 4.109

Average Trigger Pull at Start of Test: 4.095 Std. Dev. of Trigger Pull at Start of Test: _____

Trigger Pull at End of Test (1) 3.214 (2) 3.226 (3) 3.282 (4) 3.407 (5) 3.551

Average Trigger Pull at End of Test: 3.336 Std. Dev. of Trigger Pull at End of Test: _____

*Tester Initials:* SW/BL

Additional Notes and Comments

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*For additional details on the proper procedures to be used for this Test Procedure refer to:*

ANSI / SAAMI Z299.5-1990

***SAAMI Specifications for Standard Jar-Off Test:***

***Jar-Off Test:*** *12-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.*

12 inch drop (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*

| *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* | |

Notes: (*continue on back of sheet if necessary*)

*Tester's Initials* SW/BL



ET22282

TLW 1216Y

Project No. 241314

# S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST

## ROTATION TEST

Firecontrol No. A-12 Firecontrol Type: Standard Date: 9-12-03

Dry Cycles/Rounds Completed: _____ Stock Type SYN

Engagement at Start (1) .0203 (2) .0201 (3) .0200 Average .02013

Engagement at End (1) .0205 (2) .0204 (3) .0205 Average .02046

Model No. M1910 Serial No. 711263216

Trigger Pull at Start of Test (1) 4.081 (2) 4.164 (3) 4.053 (4) 4.058 (5) 3.986

Average Trigger Pull at Start of Test: 4.070 Std. Dev. of Trigger Pull at Start of Test: _____

Trigger Pull at End of Test (1) 3.868 (2) 4.045 (3) 4.098 (4) 3.976 (5) 4.345

Average Trigger Pull at End of Test: 4.066 Std. Dev. of Trigger Pull at End of Test: .083

Tester Initials: SW/BL

Additional Notes and Comments

*For additional details on the proper procedures to be used for this Test Procedure refer to:*

ANSI / SAAMI Z299.5-1990

***SAAMI Specifications for Standard Rotation Test:***

***Rotation Test:*** *Rest Firearm on the Butt end and allow Firearm to fall Drop - onto 1" thick 85 Durometer (Shore A) 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* ✓ | *Fail* ____ | |
| Firearm Vertical, Drop so right side of Stock is Up: | *Pass* ✓ | *Fail* ____ | |

Notes: (*continue on back of sheet if necessary*)

*Tester's Initials* SW/BL

TLW 1216W

Project No. 241314

# S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST

**DROP TEST**

Firecontrol No. A-12 Firecontrol Type: Standard Date: 9-12-03

Dry Cycles/Rounds Completed: _____ Stock Type: SyN Engagement at Start _____

Engagement at Start (1) .0205 (2) .0204 (3) .0205 Average .02046

Engagement at End (1) .0205 (2) .0207 (3) .0208 Average .02066

Model No. M/710 Serial No. 71126326 Engagement at End _____

Trigger Pull at Start of Test (1) 3.868 (2) 4.045 (3) 4.098 (4) 3.976 (5) 4.345

Average Trigger Pull at Start of Test: 4.066 Std. Dev. of Trigger Pull at Start of Test: _____

Trigger Pull at End of Test (1) 4.099 (2) 4.072 (3) 3.817 (4) 4.172 (5) 4.118

Average Trigger Pull at End of Test: 4.056 Std. Dev. of Trigger Pull at End of Test: _____

*Tester Initials:* SW/BL

Additional Notes and Comments

83

*For additional details on the proper procedures to be used for this Test Procedure refer to:*

ANSI / SAAMI Z299.5-1990

***SAAMI Specifications for Standard Drop Test:***

***Drop Test:*** *48-inch drop - onto 1" thick 85 Durometer (Shore A) 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.*

48 inch drop (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 all six orientations of the Drop Test*

| *Orientation* | **ISS Unlocked** | | *Comments* |
|---|---|---|---|
| Barrel Vertical, Muzzle Up: | *Pass* ✓ | *Fail* | |
| Barrel Vertical, Muzzle Down: | *Pass* ✓ | *Fail* | magazine latch broken |
| Barrel Horizontal, Left side of Stock Up: | *Pass* ✓ | *Fail* | Bolt handle broken (replaced Bdt) |
| Barrel Horizontal, Right side of Stock Up: | *Pass* ✓ | *Fail* | |
| Barrel Horizontal, Bottom of Stock Up: | *Pass* ✓ | *Fail* | magazine Box came apart |
| Barrel Horizontal, Bottom of Stock Down: | *Pass* ✓ | *Fail* | |

Notes: (*continue on back of sheet if necessary*)

Fix magazine latch / Put magazine Box back together

*Tester's Initials* SW/BL



ET22284