TLW 1349

Project No. 241314

30.06

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

JAR-OFF TEST

Firecontrol No. A2 Firecontrol Type: Standard Date: 12-9-03

Dry Cycles/Rounds Completed: _____ Stock Type SVN

Engagement at Start (1) .020 (2) .0206 (3) .0202 Average .0202

Engagement at End (1) .0197 (2) .020 (3) .0201 Average .0199

Model No. M1910 Serial No. 71147414

Trigger Pull at Start of Test (1) 4.260 (2) 3.933 (3) 4.275 (4) 3.683 (5) 3.929

Average Trigger Pull at Start of Test: 4.016 Std. Dev. of Trigger Pull at Start of Test: _____

Trigger Pull at End of Test (1) 4.222 (2) 4.042 (3) 4.265 (4) 4.196 (5) 4.050

Average Trigger Pull at End of Test: 4.156 Std. Dev. of Trigger Pull at End of Test: _____

Tester Initials: RL/JS

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 RL/JS

ET33803

TLW 1349

Project No. 241314

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

ROTATION TEST

Firecontrol No. A-2 Firecontrol Type: standard Date: 12/8/03

Dry Cycles/Rounds Completed: _____ Stock Type S4h

Engagement at Start (1) .021 (2) .0207 (3) .0201 Average .0206

Engagement at End (1) .022 (2) .0206 (3) .0202 Average .0202

Model No. M/710 Serial No. 71147414

Trigger Pull at Start of Test (1) 4.205 (2) 4.166 (3) 4.045 (4) 3955 (5) 4.081

Average Trigger Pull at Start of Test: 4.090 Std. Dev. of Trigger Pull at Start of Test: _____

Trigger Pull at End of Test (1) 4.260 (2) 3.933 (3) 4.275 (4) 3683 (5) 3929

Average Trigger Pull at End of Test: 4.016 Std. Dev. of Trigger Pull at End of Test: _____ .33

Tester Initials: BL/JS

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 BL, JS

ET33804

TLW 1849

Project No. 241314

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

DROP TEST

Firecontrol No. A-2 Firecontrol Type: Standard Date: 12-9-03

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

Engagement at Start (1) .0204 (2) .0206 (3) .0206 Average .0205

Engagement at End (1) .0199 (2) .0204 (3) .0208 Average .0203

Model No. M/910 Serial No. 7114 7414 Engagement at End _____

Trigger Pull at Start of Test (1) 4.238 (2) 4.126 (3) 3.874 (4) 3.958 (5) 3.993

Average Trigger Pull at Start of Test: 4.038 Std. Dev. of Trigger Pull at Start of Test: _____

Trigger Pull at End of Test (1) 4.404 (2) 4.438 (3) 4.373 (4) 4.364 (5) 4.264

Average Trigger Pull at End of Test: 4.369 Std. Dev. of Trigger Pull at End of Test: _____

Tester Initials: BL / JS

Additional Notes and Comments

Trigger Pull set at 4.444

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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 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* ____	
Barrel Horizontal, Left side of Stock Up:	*Pass* ✓	*Fail* ____	Bolt came open
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* ____	Bent Scope

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

Tester's Initials BL/JS