TLW __1349__

Project No. __241 314__

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

JAR-OFF TEST

Firecontrol No. __81__   Firecontrol Type: __standard__   Date: __12-9-03__

Dry Cycles/Rounds Completed: ____   Stock Type __SYN__

Engagement at Start (1) __.020__ (2) __.0202__ (3) __.0205__ Average __.0202__

Engagement at End (1) __.0171__ (2) __.0175__ (3) __.0182__ Average __.0176__

Model No. __m/710__   Serial No. __7114420 1__

Trigger Pull at Start of Test (1) __4.502__ (2) __3.615__ (3) __3.998__ (4) __4.280__ (5) __3.779__

Average Trigger Pull at Start of Test: __4.832__   Std. Dev. of Trigger Pull at Start of Test: ____

Trigger Pull at End of Test (1) __4.054__ (2) __3.945__ (3) __4.336__ (4) __4.119__ (5) __4.037__

Average Trigger Pull at End of Test: __4.098__   Std. Dev. of Trigger Pull at End of Test: ____

Tester Initials: __BL/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 __BL/JS__

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ET33828

TLW __1349__
Project No. __241314__

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

ROTATION TEST

Firecontrol No. __B-1__   Firecontrol Type: __Standard__   Date: __12-8-03__

Dry Cycles/Rounds Completed: _____   Stock Type __Synthetic__

Engagement at Start (1) __.0204__ (2) __.021__ (3) __.0209__ Average __.0207__

Engagement at End (1) __.020__ (2) __.0202__ (3) __.0205__ Average __.0202__

Model No. __M/710__   Serial No. __71144201__

Trigger Pull at Start of Test (1) __3.819__ (2) __3.931__ (3) __4.212__ (4) __3.945__ (5) __4.104__

Average Trigger Pull at Start of Test: __4.002__   Std. Dev. of Trigger Pull at Start of Test: _____

Trigger Pull at End of Test (1) __3.632__ (2) __3.721__ (3) __4.173__ (4) __3.786__ (5) __4.286__

Average Trigger Pull at End of Test: __3.920__   Std. Dev. of Trigger Pull at End of Test: _____ .83

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*)

_____

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Tester's Initials __BL, JS__

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ET33829

TLW _1379_

Project No. _241314_

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

DROP TEST

Firecontrol No. _131_ Firecontrol Type: _Standard_ Date: _12-9-03_

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

Engagement at Start (1) _.0204_ (2) _.0213_ (3) _.0215_ Average _.021_

Engagement at End (1) _.0208_ (2) _.0216_ (3) _.0208_ Average _.021_

Model No. _M/710_ Serial No. _7114201_ Engagement at End _____

Trigger Pull at Start of Test (1) _4.054_ (2) _4.336_ (3) _3.945_ (4) _4.119_ (5) _4.037_

Average Trigger Pull at Start of Test: _4.098_ Std. Dev. of Trigger Pull at Start of Test: _____

Trigger Pull at End of Test (1) _4.148_ (2) _4.416_ (3) _4.320_ (4) _4.152_ (5) _4.007_

Average Trigger Pull at End of Test: _4.209_ Std. Dev. of Trigger Pull at End of Test: _____

Tester Initials: _JS / BL_

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Additional Notes and Comments

Trigger Pull Set to - 4.485

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	
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 _JS / BL_

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