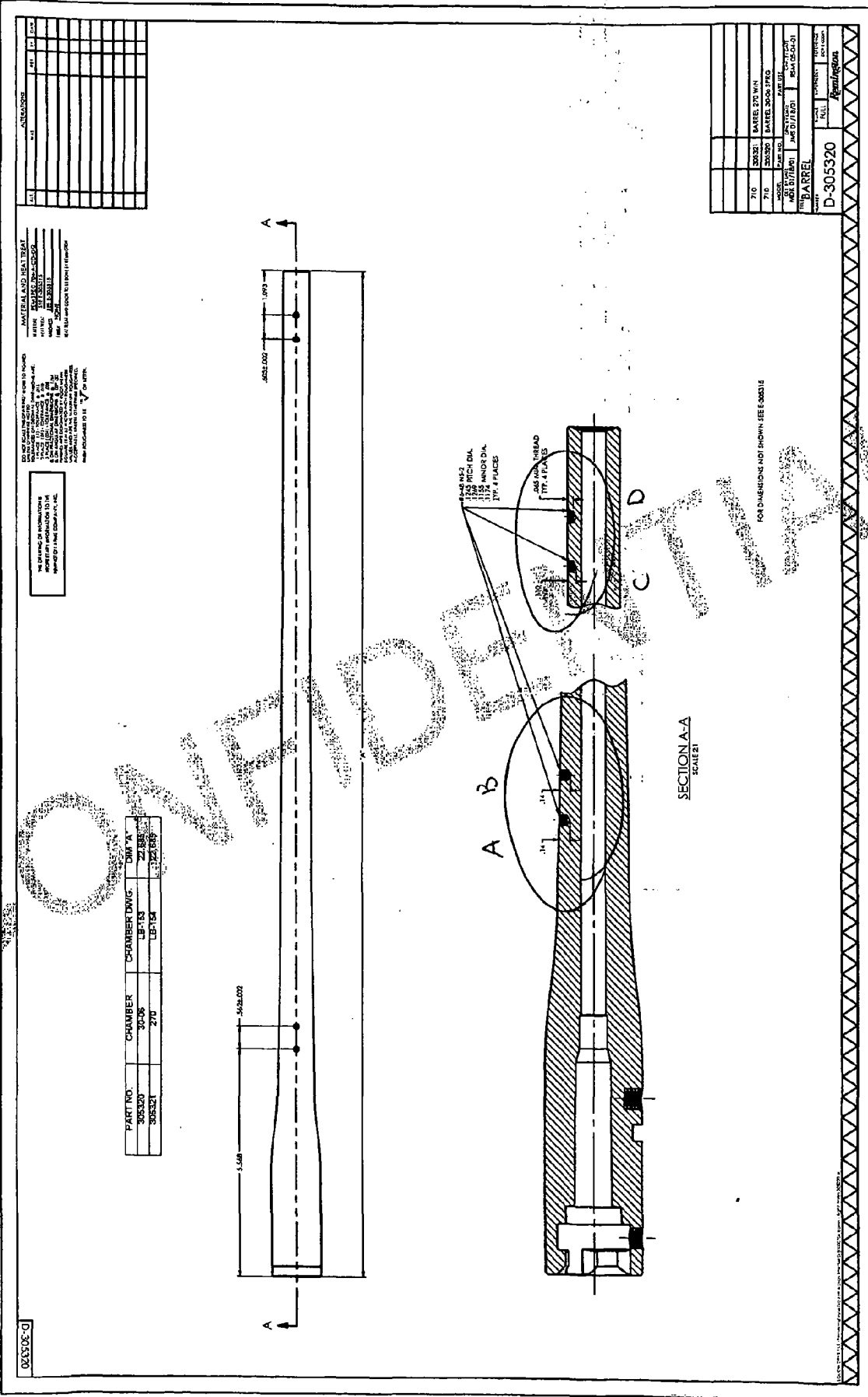


# Test Lab Work Request Form

Rev.3 -20 April, 2000

Date Submitted: 06-07-01	Tracking # :TLW 0546
Project # : 241095	Engineer: M. Keeney
<b>Test Objective:</b> Confirmation of proposed M/710 reduced bolt body diameter samples' performance when subjected to SAAMI Drop Testing. 6 Guns to be tested, 3 sighted & 3 scoped	
<b>Test Description:</b> 1. Measure initial trigger pull. 2. Measure bolt body diameter using micrometers. 3. Inspect and adjust supplied firearms to process minimums for trigger pull (4 lbs.) and sear engagement (.020). 4. Perform standard SAAMI Jar-off Test, Rotation Test and Drop Test and record results per our standard test procedures. 5. Measure sight screw hole depth on the 3 sighted guns, per print- D-305320. See Phillip for print & measurement method.	
<b>Resource Usage:</b> <b>Manpower Requirements -</b>  <b>Facility Requirements -</b>	<b>Test Results Required:</b> <b>Formal Report:      Data Only:X</b>  <b>Requested Completion Date: 06-13-01</b>
<b>Required Materials/Parts/Equipment (include quantities):</b> Firearms supplied by Mayfield.	
<b>Test Parts Availability Date: 06-07-01</b>	
<b>Start Date:</b> 06-12-01 <b>Completion Date:</b> 06-12-01 <b>Report Date:</b> 06-12-01	<b>Test Assigned To:</b> Bob Lee & Jeff Wade <b>Assignment Date:</b> 06/11/01

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## S.A.A.M.I. JAR-OFF, DROP &amp; ROTATION TEST (cont'd)

## SAAMI Specifications for Standard Drop Test:

Drop Test: 48 inch drop - onto 1" thick 85 durameter (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.

	Pass	Fail	Comments
Barrel Horizontal, Bottom of Stock Down :	Pass <u>X</u>	Fail	
Barrel Horizontal, Bottom of Stock Up :	Pass <u>X</u>	Fail	
Barrel Horizontal, Left side of Stock Up :	Pass <u>X</u>	Fail	
Barrel Horizontal, Right side of Stock Up :	Pass <u>X</u>	Fail	
Barrel Vertical, Muzzle Up :	Pass <u>X</u>	Fail	
Barrel Vertical, Muzzle Down :	Pass <u>X</u>	Fail	

## SAAMI Specifications for Standard Rotation Test:

Rotation Test: Rest Firearm on the Butt end and allow Firearm to Fall  
 Drop - onto 1" thick 85 durameter (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" (safety in "Safe" position) - one drop per orientation.

	Pass	Fail	Comments
Firearm Vertical, Drop so Left side of Stock is Up :	Pass <u>X</u>	Fail	
Firearm Vertical, Drop so Right side of Stock is Up :	Pass <u>X</u>	Fail	

Notes: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Tester Initials: JW

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

Rifle  
Firecontrol No. A-1 Firecontrol Type: STANDARD Date: 6-12-01Dry Cycles/Rounds Completed: \_\_\_\_\_ Stock Type STANDARD Engagement at Start .020Model No. 710 Serial No. 71015574 Engagement at End .0205Trigger Pull at Start of Test (1) 4.0 (2) 4.0 (3) 4.0 (4) 4.0 (5) 3.75 (6) 4.0Average Trigger Pull at Start of Test: 3.96 Std. Dev. of Trigger Pull at Start of Test: \_\_\_\_\_Trigger Pull at End of Test (1) 4.0 (2) 4.0 (3) 3.75 (4) 4.0 (5) 4.5 (6) 3.75 83Average Trigger Pull at End of Test: 4.0 Std. Dev. of Trigger Pull at End of Test: \_\_\_\_\_

## Additional Notes and Comments

Bolt Body Diameter .6934 / With out scope

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.

## Comments

Barrel Horizontal, Bottom of Stock Down:	Pass	<u>X</u>	Fail	_____
Barrel Horizontal, Bottom of Stock Up:	Pass	<u>X</u>	Fail	_____
Barrel Horizontal, Left side of Stock Up:	Pass	<u>X</u>	Fail	_____
Barrel Horizontal, Right side of Stock Up:	Pass	<u>X</u>	Fail	_____
Barrel Vertical, Muzzle Up:	Pass	<u>X</u>	Fail	_____
Barrel Vertical, Muzzle Down:	Pass	<u>X</u>	Fail	_____

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

Rifle  
Firecontrol No. A-2 Firecontrol Type: STANARD Date: 6-12-01  
 Dry Cycles/Rounds Completed: \_\_\_\_\_ Stock Type STANDARD Engagement at Start 020  
 Model No. 710 Serial No. 71016322 Engagement at End \_\_\_\_\_  
 Trigger Pull at Start of Test (1) 4.0 (2) 3.75 (3) 4.0 (4) 4.0 (5) 4.0 (6) 4.0  
 Average Trigger Pull at Start of Test: 3.96 Std. Dev. of Trigger Pull at Start of Test: \_\_\_\_\_  
 Trigger Pull at End of Test (1) 4.0 (2) 4.0 (3) 3.75 (4) 4.0 (5) 4.25 (6) 4.0  
 Average Trigger Pull at End of Test: 4.0 Std. Dev. of Trigger Pull at End of Test: \_\_\_\_\_

## Additional Notes and Comments

Bolt Body Diameter .6933 / with out scope / Trigger pull adjusted

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 durameter (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.

## Comments

Barrel Horizontal, Bottom of Stock Down :	Pass <u>X</u>	Fail _____
Barrel Horizontal, Bottom of Stock Up :	Pass <u>X</u>	Fail _____
Barrel Horizontal, Left side of Stock Up :	Pass <u>X</u>	Fail _____
Barrel Horizontal, Right side of Stock Up :	Pass <u>X</u>	Fail _____
Barrel Vertical, Muzzle Up :	Pass <u>X</u>	Fail _____
Barrel Vertical, Muzzle Down :	Pass <u>X</u>	Fail _____

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## S.A.A.M.I. JAR-OFF, DROP &amp; ROTATION TEST (cont'd)

## SAAMI Specifications for Standard Drop Test:

Drop Test: 48 inch drop - onto 1" thick 85 durameter (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.

	Pass	Fail	Comments
Barrel Horizontal, Bottom of Stock Down :	Pass <input checked="" type="checkbox"/>	Fail <input type="checkbox"/>	front sight felt off
Barrel Horizontal, Bottom of Stock Up :	Pass <input checked="" type="checkbox"/>	Fail <input type="checkbox"/>	
Barrel Horizontal, Left side of Stock Up :	Pass <input checked="" type="checkbox"/>	Fail <input type="checkbox"/>	
Barrel Horizontal, Right side of Stock Up :	Pass <input checked="" type="checkbox"/>	Fail <input type="checkbox"/>	
Barrel Vertical, Muzzle Up :	Pass <input checked="" type="checkbox"/>	Fail <input type="checkbox"/>	
Barrel Vertical, Muzzle Down :	Pass <input checked="" type="checkbox"/>	Fail <input type="checkbox"/>	

## SAAMI Specifications for Standard Rotation Test:

Rotation Test: Rest Firearm on the Butt end and allow Firearm to Fall  
Drop - onto 1" thick 85 durameter (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" (safety in "Safe" position) - one drop per orientation.

	Pass	Fail	Comments
Firearm Vertical, Drop so Left side of Stock is Up :	Pass <input checked="" type="checkbox"/>	Fail <input type="checkbox"/>	
Firearm Vertical, Drop so Right side of Stock is Up :	Pass <input checked="" type="checkbox"/>	Fail <input type="checkbox"/>	

Notes: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Tester Initials: JW

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

Rifle  
Firecontrol No. A-3 Firecontrol Type: STANDARD Date: 6-12-01  
 Dry Cycles/Rounds Completed: \_\_\_\_\_ Stock Type STANDARD Engagement at Start 0207  
 Model No. 710 Serial No. 71015057 Engagement at End \_\_\_\_\_  
 Trigger Pull at Start of Test (1) 4.0 (2) 4.0 (3) 4.0 (4) 4.0 (5) 4.0 (6) 3.75  
 Average Trigger Pull at Start of Test: 3.96 Std. Dev. of Trigger Pull at Start of Test: \_\_\_\_\_  
 Trigger Pull at End of Test (1) 4.0 (2) 4.0 (3) 4.25 (4) 3.75 (5) 4.0 (6) 4.0  
 Average Trigger Pull at End of Test: 4.0 Std. Dev. of Trigger Pull at End of Test: \_\_\_\_\_

## Additional Notes and Comments

Bolt Body Diameter, 6934 / with out SCOPE

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.

## Comments

Barrel Horizontal, Bottom of Stock Down:	Pass <u>X</u> Fail _____
Barrel Horizontal, Bottom of Stock Up:	Pass <u>X</u> Fail _____
Barrel Horizontal, Left side of Stock Up:	Pass <u>X</u> Fail _____
Barrel Horizontal, Right side of Stock Up:	Pass <u>X</u> Fail _____
Barrel Vertical, Muzzle Up:	Pass <u>X</u> Fail _____
Barrel Vertical, Muzzle Down:	Pass <u>X</u> Fail _____

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## S.A.A.M.I. JAR-OFF, DROP &amp; ROTATION TEST (cont'd)

## 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.

	Pass	Fail	Comments
Barrel Horizontal, Bottom of Stock Down :	Pass <u>X</u>	Fail	
Barrel Horizontal, Bottom of Stock Up :	Pass <u>X</u>	Fail	
Barrel Horizontal, Left side of Stock Up :	Pass <u>X</u>	Fail	
Barrel Horizontal, Right side of Stock Up :	Pass <u>X</u>	Fail	
Barrel Vertical, Muzzle Up :	Pass <u>X</u>	Fail	
Barrel Vertical, Muzzle Down :	Pass <u>X</u>	Fail	

## 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" (safety in "Safe" position) - one drop per orientation.

	Pass	Fail	Comments
Firearm Vertical, Drop so Left side of Stock is Up :	Pass <u>X</u>	Fail	
Firearm Vertical, Drop so Right side of Stock is Up :	Pass <u>X</u>	Fail	

Notes:

Tester Initials: JW

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

Rifle  
Firecontrol No. A-4 Firecontrol Type: STANDARD Date: 6-12-01  
Dry Cycles/Rounds Completed:            Stock Type STANDARD Engagement at Start .0204  
Model No. 710 Serial No. 71017722 Engagement at End .0204  
Trigger Pull at Start of Test (1) 4.0 (2) 4.0 (3) 4.5 (4) 4.0 (5) 4.0 (6) 4.0  
Average Trigger Pull at Start of Test: 4.08 Std. Dev. of Trigger Pull at Start of Test:             
Trigger Pull at End of Test (1) 4.5 (2) 4.5 (3) 5.0 (4) 4.5 (5) 4.25 (6) 4.75  
Average Trigger Pull at End of Test: 4.58 Std. Dev. of Trigger Pull at End of Test:           

## Additional Notes and Comments

Bolt Body Diameter .6935 / with scope

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.

## Comments

Barrel Horizontal, Bottom of Stock Down :	Pass <u>X</u> Fail <u>          </u>	<u>          </u>
Barrel Horizontal, Bottom of Stock Up :	Pass <u>X</u> Fail <u>          </u>	<u>          </u>
Barrel Horizontal, Left side of Stock Up :	Pass <u>X</u> Fail <u>          </u>	<u>          </u>
Barrel Horizontal, Right side of Stock Up :	Pass <u>X</u> Fail <u>          </u>	<u>          </u>
Barrel Vertical, Muzzle Up :	Pass <u>X</u> Fail <u>          </u>	<u>          </u>
Barrel Vertical, Muzzle Down :	Pass <u>X</u> Fail <u>          </u>	<u>          </u>

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Project No. 241095

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## S.A.A.M.I. JAR-OFF, DROP &amp; ROTATION TEST (cont'd)

## SAAMI Specifications for Standard Drop Test:

Drop Test: 48 inch drop - onto 1" thick 85 durameter (ShoreA) 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.

	Pass	Fail	Comments
Barrel Horizontal, Bottom of Stock Down :	Pass <u>X</u>	Fail _____	
Barrel Horizontal, Bottom of Stock Up :	Pass <u>X</u>	Fail _____	Bent scope
Barrel Horizontal, Left side of Stock Up :	Pass <u>X</u>	Fail _____	
Barrel Horizontal, Right side of Stock Up :	Pass <u>X</u>	Fail _____	
Barrel Vertical, Muzzle Up :	Pass <u>X</u>	Fail _____	
Barrel Vertical, Muzzle Down :	Pass <u>X</u>	Fail _____	Loose scope

## SAAMI Specifications for Standard Rotation Test:

Rotation Test: Rest Firearm on the Butt end and allow Firearm to Fall  
 Drop - onto 1" thick 85 durameter (ShoreA) 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" (safety in "Safe" position) - one drop per orientation.

	Pass	Fail	Comments
Firearm Vertical, Drop so Left side of Stock is Up :	Pass <u>X</u>	Fail _____	
Firearm Vertical, Drop so Right side of Stock is Up :	Pass <u>X</u>	Fail _____	

Notes:

Tester Initials: JW

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

Rifle  
Firecontrol No. A-5 Firecontrol Type: STANDARD Date: 6-12-01Dry Cycles/Rounds Completed:            Stock Type STANDARD Engagement at Start ,0203Model No. 710 Serial No. 71015921 Engagement at End ,0205Trigger Pull at Start of Test (1) 4.0 (2) 3.75 (3) 4.0 (4) 4.0 (5) 4.0 (6) 4.0Average Trigger Pull at Start of Test: 3.96 Std. Dev. of Trigger Pull at Start of Test:           Trigger Pull at End of Test (1) 3.75 (2) 4.25 (3) 4.0 (4) 3.75 (5) 3.75 (6) 4.0 83Average Trigger Pull at End of Test: 3.92 Std. Dev. of Trigger Pull at End of Test:           

## Additional Notes and Comments

Bolt Body Diameter .6936 / with scope

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.

## Comments

Barrel Horizontal, Bottom of Stock Down:	Pass	<u>X</u>	Fail	<u>          </u>
Barrel Horizontal, Bottom of Stock Up:	Pass	<u>X</u>	Fail	<u>          </u>
Barrel Horizontal, Left side of Stock Up:	Pass	<u>X</u>	Fail	<u>          </u>
Barrel Horizontal, Right side of Stock Up:	Pass	<u>X</u>	Fail	<u>          </u>
Barrel Vertical, Muzzle Up:	Pass	<u>X</u>	Fail	<u>          </u>
Barrel Vertical, Muzzle Down:	Pass	<u>X</u>	Fail	<u>          </u>

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## S.A.A.M.I. JAR-OFF, DROP &amp; ROTATION TEST (cont'd)

## SAAMI Specifications for Standard Drop Test:

Drop Test: 48 inch drop - onto 1" thick 85 durameter (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.

	Pass	Fail	Comments
Barrel Horizontal, Bottom of Stock Down :	Pass <u>X</u>	Fail	
Barrel Horizontal, Bottom of Stock Up :	Pass <u>X</u>	Fail	Bent scope
Barrel Horizontal, Left side of Stock Up :	Pass <u>X</u>	Fail	
Barrel Horizontal, Right side of Stock Up :	Pass <u>X</u>	Fail	
Barrel Vertical, Muzzle Up :	Pass <u>X</u>	Fail	
Barrel Vertical, Muzzle Down :	Pass <u>X</u>	Fail	

## SAAMI Specifications for Standard Rotation Test:

Rotation Test: Rest Firearm on the Butt end and allow Firearm to Fall  
 Drop - onto 1" thick 85 durameter (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" (safety in "Safe" position) - one drop per orientation.

	Pass	Fail	Comments
Firearm Vertical, Drop so Left side of Stock is Up :	Pass <u>X</u>	Fail	
Firearm Vertical, Drop so Right side of Stock is Up :	Pass <u>X</u>	Fail	

Notes:

Tester Initials:

JW

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

Rifle  
 Firecontrol No. A-6 Firecontrol Type: STANDARD Date: 6-12-01  
 Dry Cycles/Rounds Completed: \_\_\_\_\_ Stock Type STANDARD Engagement at Start 0204  
 Model No. 710 Serial No. 71016333 Engagement at End 0205  
 Trigger Pull at Start of Test (1) 4.0 (2) 4.0 (3) 4.0 (4) 3.75 (5) 4.0 (6) 4.0  
 Average Trigger Pull at Start of Test: 3.96 Std. Dev. of Trigger Pull at Start of Test: \_\_\_\_\_  
 Trigger Pull at End of Test (1) 4.5 (2) 3.75 (3) 3.75 (4) 4.0 (5) 4.0 (6) 4.0 83  
 Average Trigger Pull at End of Test: 4.0 Std. Dev. of Trigger Pull at End of Test: \_\_\_\_\_

## Additional Notes and Comments

Bolt Body Diameter .6933 / with scope

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.

## Comments

Barrel Horizontal, Bottom of Stock Down :	Pass	<u>X</u>	Fail	_____
Barrel Horizontal, Bottom of Stock Up :	Pass	<u>X</u>	Fail	_____
Barrel Horizontal, Left side of Stock Up :	Pass	<u>X</u>	Fail	_____
Barrel Horizontal, Right side of Stock Up :	Pass	<u>X</u>	Fail	_____
Barrel Vertical, Muzzle Up :	Pass	<u>X</u>	Fail	_____
Barrel Vertical, Muzzle Down :	Pass	<u>X</u>	Fail	_____

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## S.A.A.M.I. JAR-OFF, DROP &amp; ROTATION TEST (cont'd)

## SAAMI Specifications for Standard Drop Test:

Drop Test: 48 inch drop - onto 1" thick 85 durameter (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.

	Pass	Fail	Comments
Barrel Horizontal, Bottom of Stock Down :	Pass <u>X</u>	Fail	
Barrel Horizontal, Bottom of Stock Up :	Pass <u>X</u>	Fail	Bent Scope
Barrel Horizontal, Left side of Stock Up :	Pass <u>X</u>	Fail	
Barrel Horizontal, Right side of Stock Up :	Pass <u>X</u>	Fail	
Barrel Vertical, Muzzle Up :	Pass <u>X</u>	Fail	
Barrel Vertical, Muzzle Down :	Pass <u>X</u>	Fail	

## SAAMI Specifications for Standard Rotation Test:

Rotation Test: Rest Firearm on the Butt end and allow Firearm to Fall  
 Drop - onto 1" thick 85 durameter (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", (safety in "Safe" position) - one drop per orientation.

	Pass	Fail	Comments
Firearm Vertical, Drop so Left side of Stock is Up :	Pass <u>X</u>	Fail	
Firearm Vertical, Drop so Right side of Stock is Up :	Pass <u>X</u>	Fail	

Notes: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Tester Initials: JW

ET35119

## Rear sight hole diameter

A1 Hole A .1400

A2 " A .1400

A3 " A .1405

~~A4 " A~~~~A5 " A~~~~A6 " A~~

Hole B .1400

" B .1390

" B .1400

~~" B~~~~" B~~~~" B~~

## Front sight hole diameter

A1 Hole C .1130

A2 " C .1105

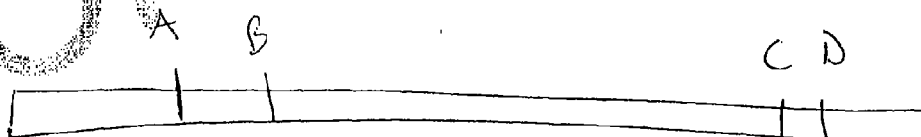
A3 " C .1110

~~A4 " C~~~~A5 " C~~~~A6 " C~~

Hole D .1100

" D .1115

" D .1100

~~" D~~~~" D~~~~" D~~

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