

Test Lab Work Request Form

Rev.3 -20 April, 2000

Date Submitted: 02/06/04	Tracking #: TLW 1395
Project #: 241314	Engineer: Franz
Test Objective: Test 710 Magnum Firecontrol performance at new settings during Std. SAAMI Jar-off testing	
Test Description: Test 6 new M/710 Magnum rifle for SAAMI Jar-off. 1. Measure breakaway torque of scope ring mounting screws when loosening. 2. Measure breakaway torque of all take down screws when removing stocks. 3. Measure Trigger/Sear engagement as set by the factory. 4. Measure Trigger Pull as set by the factory. 5. Reset Engagement as needed to .025" 6. Reset Trigger as needed to 4.5 lb. 7. Reassemble with stock & scope to using torque specs. 8. Perform Standard SAAMI Jar-off testing of all guns. Per our normal procedure if a gun fires during testing, leave the gun as it was dropped and contact a member of management or engineering.	
Resource Usage: Manpower Requirements – Facility Requirements –	Test Results Required: Formal Report: Data Only: Requested Completion Date: 02/06/04
Required Materials/Parts/Equipment (include quantities):	
Test Parts Availability Date: 02/06/04	
Start Date: 2/6/04 Completion Date: 2/9/04 Report Date: 2/9/04	Test Assigned To: Steve Wade & Jeff Wade Assignment Date: 02/06/05

ET33875

CAL: 300 WIN MAG

M710 MAGNUM FIRECONTROL SAAMI JAR-OFF

PROJECT # 241314 -

[illegible]

Logform

BARBER - 5.22.06r0007388

ET33876

Confidential - ~~BAKER-022060007380~~ Order
Williams v. Remington

PROJECT # 241314

710 OUT OF BOX MEASUREMENTS

TRACKING # TLW1395

SERIAL # 71146753	TORQUE OF SCOPE FRONT	TORQUE OF SCOPE REAR			
	TAKE DOWN SCREW	TAKE DOWN SCREW			
	26 INCH LB.	30 INCH LB.			
	TORQUE OF STOCK FRONT	TORQUE OF STOCK MIDDLE	TORQUE OF STOCK REAR		
	TAKE DOWN SCREW	TAKE DOWN SCREW	TAKE DOWN SCREW		
	35 INCH LB.	22 INCH LB.	17 INCH LB.		
ENGAGEMENT	1	2	3	AVG	
	0.0311	0.0312	0.0308	0.03103	
TRIGGER PULL	1	2	3	4	5
TRIGGER SCAN	5.998	6.063	6.138	5.559	5.733
SPRING SCALE	6.0	5.75	6.0	6.0	5.75
SERIAL # 71147098	TORQUE OF SCOPE FRONT	TORQUE OF SCOPE REAR			
	TAKE DOWN SCREW	TAKE DOWN SCREW			
	30 INCH LB.	35 INCH LB.			
	TORQUE OF STOCK FRONT	TORQUE OF STOCK MIDDLE	TORQUE OF STOCK REAR		
	TAKE DOWN SCREW	TAKE DOWN SCREW	TAKE DOWN SCREW		
	30 INCH LB.	25 INCH LB.	11 INCH LB.		
ENGAGEMENT	1	2	3	AVG	
	0.0297	0.0298	0.0300	0.0298	
TRIGGER PULL	1	2	3	4	5
TRIGGER SCAN	5.128	5.439	5.154	5.306	5.198
SPRING SCALE	5.50	5.75	5.50	5.75	5.75
SERIAL # 71146744	TORQUE OF SCOPE FRONT	TORQUE OF SCOPE REAR			
	TAKE DOWN SCREW	TAKE DOWN SCREW			
	35 INCH LB.	26 INCH LB.			
	TORQUE OF STOCK FRONT	TORQUE OF STOCK MIDDLE	TORQUE OF STOCK REAR		
	TAKE DOWN SCREW	TAKE DOWN SCREW	TAKE DOWN SCREW		
	33 INCH LB.	25 INCH LB.	15 INCH LB.		

BARBER - 5.22.06-0007389

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Williams V. Remington

ET33877

PROJECT # 241314

710 OUT OF BOX MEASUREMENTS

TRACKING # TLW1395

ENGAGEMENT	1	2	3	AVG		
	0.0307	0.0307	0.0308	0.03073		
TRIGGER PULL	1	2	3	4	5	AVG
TRIGGER SCAN	4.844	4.749	4.747	4.963	4.745	4.810
SPRING SCALE	5.25	5.25	5.50	5.25	5.25	5.300
SERIAL # 71147044	TORQUE OF SCOPE FRONT	TORQUE OF SCOPE REAR				
	TAKE DOWN SCREW	TAKE DOWN SCREW				
	25 INCH LB.	20 INCH LB.				
	TORQUE OF STOCK FRONT	TORQUE OF STOCK MIDDLE	TORQUE OF STOCK REAR			
	TAKE DOWN SCREW	TAKE DOWN SCREW	TAKE DOWN SCREW			
	30 INCH LB.	25 INCH LB.	12 INCH LB.			
ENGAGEMENT	1	2	3	AVG		
	0.0303	0.0302	0.0304	0.03030		
TRIGGER PULL	1	2	3	4	5	AVG
TRIGGER SCAN	4.755	4.869	4.859	4.755	4.769	4.794
SPRING SCALE	5.0	5.0	5.25	5.25	5.50	5.200
SERIAL # 71147034	TORQUE OF SCOPE FRONT	TORQUE OF SCOPE REAR				
	TAKE DOWN SCREW	TAKE DOWN SCREW				
	52 INCH LB.	25 INCH LB.				
	TORQUE OF STOCK FRONT	TORQUE OF STOCK MIDDLE	TORQUE OF STOCK REAR			
	TAKE DOWN SCREW	TAKE DOWN SCREW	TAKE DOWN SCREW			
	34 INCH LB.	17 INCH LB.	18 INCH LB.			
ENGAGEMENT	1	2	3	AVG		
	0.0318	0.0315	0.0318	0.03170		
TRIGGER PULL	1	2	3	4	5	AVG
TRIGGER SCAN	5.434	5.547	5.468	5.586	5.286	5.464
SPRING SCALE	5.25	5.25	5.50	5.50	5.25	5.350

BARBER - 5.22.06r0007390

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 BARBER - 5.22.06r0007390 Order
 Williams v. Remington

ET33878

PROJECT # 241314

710 OUT OF BOX MEASUREMENTS

TRACKING # TLW1395

SERIAL # 71147082	TORQUE OF SCOPE FRONT	TORQUE OF SCOPE REAR				
	TAKE DOWN SCREW	TAKE DOWN SCREW				
	30 INCH LB.	40 INCH LB.				
	TORQUE OF STOCK FRONT	TORQUE OF STOCK MIDDLE	TORQUE OF STOCK REAR			
	TAKE DOWN SCREW	TAKE DOWN SCREW	TAKE DOWN SCREW			
	32 INCH LB.	23 INCH LB.	13 INCH LB.			
ENGAGEMENT	1	2	3	AVG		
	0.0304	0.0306	0.0304	0.03046		
TRIGGER PULL	1	2	3	4	5	AVG
TRIGGER SCAN	5.226	5.302	5.220	5.259	5.324	5.266
SPRING SCALE	5.75	5.75	5.25	5.50	5.50	5.550

ET33879

TLW 1395

Project No. 241314

300 Win Mag

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

Firecontrol No. _____ Firecontrol Type: Standard Date: 2/6/04
 Dry Cycles/Rounds Completed: _____ Stock Type Syn
 Engagement at Start (1) .0251 (2) .0249 (3) .0251 Average .02503
 Engagement at End (1) .0245 (2) .0245 (3) .0242 Average .02440
 Model No. 710 Serial No. 71146753
 Trigger Pull at Start of Test (1) 4.593 (2) 4.518 (3) 4.607 (4) 4.531 (5) 4.579
 Average Trigger Pull at Start of Test: 4.566 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.506 (2) 4.149 (3) 4.195 (4) 4.210 (5) 4.239
 Average Trigger Pull at End of Test: 4.260 Std. Dev. of Trigger Pull at End of Test: _____

Tester Initials: SW/JW

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

<u>Orientation</u>	<u>ISS Unlocked</u>	<u>Comments</u>
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/JW

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Z101\DROPTEST_REV5.DOC

ET33880

CAL: 300 WIN MAG

TRACKING # TLW 1395
PROJECT # 241314 .

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Logform

BARBER - 5.22.06r0007393

ET33881

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Williams v. Remington

PROJECT # 241314

710 OUT OF BOX MEASUREMENTS

TRACKING # TLW1395

BARBER - 5.22.06r0007394

SERIAL # 71146753	TORQUE OF SCOPE FRONT	TORQUE OF SCOPE REAR				
	TAKE DOWN SCREW	TAKE DOWN SCREW				
	26 INCH LB.	30 INCH LB.				
	TORQUE OF STOCK FRONT	TORQUE OF STOCK MIDDLE	TORQUE OF STOCK REAR			
	TAKE DOWN SCREW	TAKE DOWN SCREW	TAKE DOWN SCREW			
	35 INCH LB.	22 INCH LB.	17 INCH LB.			
ENGAGEMENT	1	2	3	AVG		
	0.0311	0.0312	0.0308	0.03103		
TRIGGER PULL	1	2	3	4	5	AVG
TRIGGER SCAN	5.998	6.063	6.138	5.559	5.733	5.898
SPRING SCALE	6.0	5.75	6.0	6.0	5.75	5.900
SERIAL # 71147098	TORQUE OF SCOPE FRONT	TORQUE OF SCOPE REAR				
	TAKE DOWN SCREW	TAKE DOWN SCREW				
	30 INCH LB.	35 INCH LB.				
	TORQUE OF STOCK FRONT	TORQUE OF STOCK MIDDLE	TORQUE OF STOCK REAR			
	TAKE DOWN SCREW	TAKE DOWN SCREW	TAKE DOWN SCREW			
	30 INCH LB.	25 INCH LB.	11 INCH LB.			
ENGAGEMENT	1	2	3	AVG		
	0.0297	0.0298	0.0300	0.0298		
TRIGGER PULL	1	2	3	4	5	AVG
TRIGGER SCAN	5.128	5.439	5.154	5.306	5.198	5.245
SPRING SCALE	5.50	5.75	5.50	5.75	5.75	5.650
SERIAL # 71146744	TORQUE OF SCOPE FRONT	TORQUE OF SCOPE REAR				
	TAKE DOWN SCREW	TAKE DOWN SCREW				
	35 INCH LB.	26 INCH LB.				
	TORQUE OF STOCK FRONT	TORQUE OF STOCK MIDDLE	TORQUE OF STOCK REAR			
	TAKE DOWN SCREW	TAKE DOWN SCREW	TAKE DOWN SCREW			
	33 INCH LB.	25 INCH LB.	15 INCH LB.			

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Williams v. Remington

ET33882

PROJECT # 241314

710 OUT OF BOX MEASUREMENTS

TRACKING # TLW1395

BARBER - 5.22.06r0007395

ENGAGEMENT	1	2	3	AVG		
	0.0307	0.0307	0.0308	0.03073		
TRIGGER PULL	1	2	3	4	5	AVG
TRIGGER SCAN	4.844	4.749	4.747	4.963	4.745	4.810
SPRING SCALE	5.25	5.25	5.50	5.25	5.25	5.300
SERIAL # 71147044	TORQUE OF SCOPE FRONT	TORQUE OF SCOPE REAR				
	TAKE DOWN SCREW	TAKE DOWN SCREW				
	25 INCH LB.	20 INCH LB.				
	TORQUE OF STOCK FRONT	TORQUE OF STOCK MIDDLE	TORQUE OF STOCK REAR			
	TAKE DOWN SCREW	TAKE DOWN SCREW	TAKE DOWN SCREW			
	30 INCH LB.	25 INCH LB.	12 INCH LB.			
ENGAGEMENT	1	2	3	AVG		
	0.0303	0.0302	0.0304	0.03030		
TRIGGER PULL	1	2	3	4	5	AVG
TRIGGER SCAN	4.755	4.863	4.859	4.755	4.769	4.794
SPRING SCALE	5.0	5.0	5.25	5.25	5.50	5.200
SERIAL # 71147034	TORQUE OF SCOPE FRONT	TORQUE OF SCOPE REAR				
	TAKE DOWN SCREW	TAKE DOWN SCREW				
	52 INCH LB.	25 INCH LB.				
	TORQUE OF STOCK FRONT	TORQUE OF STOCK MIDDLE	TORQUE OF STOCK REAR			
	TAKE DOWN SCREW	TAKE DOWN SCREW	TAKE DOWN SCREW			
	34 INCH LB.	17 INCH LB.	18 INCH LB.			
ENGAGEMENT	1	2	3	AVG		
	0.0318	0.0315	0.0318	0.03170		
TRIGGER PULL	1	2	3	4	5	AVG
TRIGGER SCAN	5.434	5.547	5.468	5.586	5.286	5.464
SPRING SCALE	5.25	5.25	5.50	5.50	5.25	5.350

Confidential - Barber to 22 October 1995 Order

Williams v. Remington

ET33883

PROJECT # 241314

710 OUT OF BOX MEASUREMENTS

TRACKING # TLW1395

SERIAL # 71147082	TORQUE OF SCOPE FRONT	TORQUE OF SCOPE REAR			
	TAKE DOWN SCREW	TAKE DOWN SCREW			
	30 INCH LB.	40 INCH LB.			
	TORQUE OF STOCK FRONT	TORQUE OF STOCK MIDDLE	TORQUE OF STOCK REAR		
	TAKE DOWN SCREW	TAKE DOWN SCREW	TAKE DOWN SCREW		
	32 INCH LB.	23 INCH LB.	13 INCH LB.		
ENGAGEMENT	1	2	3	AVG	
	0.0304	0.0306	0.0304	0.03046	
TRIGGER PULL	1	2	3	4	5
TRIGGER SCAN	5.226	5.302	5.220	5.259	5.324
SPRING SCALE	5.75	5.75	5.25	5.50	5.550
					AVG

BARBER - 5.22.06r0007396

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ET33884

Confidential - Subject - 522-06r0007396 Order
Williams v. Remington

TLW 1395Project No. 241314300 Win Mag**S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST****JAR-OFF TEST**

Firecontrol No. _____ Firecontrol Type: Standard Date: 2/6/03
 Dry Cycles/Rounds Completed: _____ Stock Type Syn
 Engagement at Start (1) .0254 (2) .0255 (3) .0252 Average .02536
 Engagement at End (1) .0252 (2) .0256 (3) .0253 Average .02536
 Model No. 710 Serial No. 71147034
 Trigger Pull at Start of Test (1) 4.449 (2) 4.493 (3) 4.553 (4) 4.595 (5) 4.424
 Average Trigger Pull at Start of Test: 4.503 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.078 (2) 4.064 (3) 4.061 (4) 4.007 (5) 3.945
 Average Trigger Pull at End of Test: 4.031 Std. Dev. of Trigger Pull at End of Test: _____
 Tester Initials: SW/SW
 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 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/SW

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ET33885

CAL: 300 WIN MAG

M/710 MAGNUM FIRECONTROL SAAMI JAR-OFF

TRACKING # TLW 1395

PROJECT # 241314 •

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Logform

BARBER - 5.22.06r0007398

ET 33886

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 Williams v. Remington

PROJECT # 241314

710 OUT OF BOX MEASUREMENTS

TRACKING # TLW1395

SERIAL # 71146753	TORQUE OF SCOPE FRONT	TORQUE OF SCOPE REAR				
	TAKE DOWN SCREW	TAKE DOWN SCREW				
	26 INCH LB.	30 INCH LB.				
	TORQUE OF STOCK FRONT	TORQUE OF STOCK MIDDLE	TORQUE OF STOCK REAR			
	TAKE DOWN SCREW	TAKE DOWN SCREW	TAKE DOWN SCREW			
	35 INCH LB.	22 INCH LB.	17 INCH LB.			
ENGAGEMENT	1	2	3	AVG		
	0.0311	0.0312	0.0308	0.03103		
TRIGGER PULL	1	2	3	4	5	AVG
TRIGGER SCAN	5.998	6.063	6.138	5.559	5.733	5.898
SPRING SCALE	6.0	5.75	6.0	6.0	5.75	5.900
SERIAL # 71147098	TORQUE OF SCOPE FRONT	TORQUE OF SCOPE REAR				
	TAKE DOWN SCREW	TAKE DOWN SCREW				
	30 INCH LB.	35 INCH LB.				
	TORQUE OF STOCK FRONT	TORQUE OF STOCK MIDDLE	TORQUE OF STOCK REAR			
	TAKE DOWN SCREW	TAKE DOWN SCREW	TAKE DOWN SCREW			
	30 INCH LB.	25 INCH LB.	11 INCH LB.			
ENGAGEMENT	1	2	3	AVG		
	0.0297	0.0298	0.0300	0.0298		
TRIGGER PULL	1	2	3	4	5	AVG
TRIGGER SCAN	5.128	5.439	5.154	5.306	5.198	5.245
SPRING SCALE	5.50	5.75	5.50	5.75	5.75	5.650
SERIAL # 71146744	TORQUE OF SCOPE FRONT	TORQUE OF SCOPE REAR				
	TAKE DOWN SCREW	TAKE DOWN SCREW				
	35 INCH LB.	26 INCH LB.				
	TORQUE OF STOCK FRONT	TORQUE OF STOCK MIDDLE	TORQUE OF STOCK REAR			
	TAKE DOWN SCREW	TAKE DOWN SCREW	TAKE DOWN SCREW			
	33 INCH LB.	25 INCH LB.	16 INCH LB.			

BARBER - 5.22.06-0007399

Confidential - Submitter 15.22.06-0007399 Order
Williams v. Remington

ET33887

PROJECT # 241314

10 OUT OF BOX MEASUREMENTS

TRACKING # TLW1395

ENGAGEMENT	1	2	3	AVG		
	0.0307	0.0307	0.0308	0.03073		
TRIGGER PULL	1	2	3	4	5	AVG
TRIGGER SCAN	4.844	4.749	4.747	4.963	4.745	4.810
SPRING SCALE	5.25	5.25	5.50	5.25	5.25	5.300
SERIAL # 71147044	TORQUE OF SCOPE FRONT	TORQUE OF SCOPE REAR				
	TAKE DOWN SCREW	TAKE DOWN SCREW				
	25 INCH LB.	20 INCH LB.				
	TORQUE OF STOCK FRONT	TORQUE OF STOCK MIDDLE	TORQUE OF STOCK REAR			
	TAKE DOWN SCREW	TAKE DOWN SCREW	TAKE DOWN SCREW			
	30 INCH LB.	25 INCH LB.	12 INCH LB.			
ENGAGEMENT	1	2	3	AVG		
	0.0303	0.0302	0.0304	0.03030		
TRIGGER PULL	1	2	3	4	5	AVG
TRIGGER SCAN	4.755	4.863	4.859	4.755	4.769	4.794
SPRING SCALE	5.0	5.0	5.25	5.25	5.50	5.200
SERIAL # 71147034	TORQUE OF SCOPE FRONT	TORQUE OF SCOPE REAR				
	TAKE DOWN SCREW	TAKE DOWN SCREW				
	52 INCH LB.	25 INCH LB.				
	TORQUE OF STOCK FRONT	TORQUE OF STOCK MIDDLE	TORQUE OF STOCK REAR			
	TAKE DOWN SCREW	TAKE DOWN SCREW	TAKE DOWN SCREW			
	34 INCH LB.	17 INCH LB.	18 INCH LB.			
ENGAGEMENT	1	2	3	AVG		
	0.0318	0.0315	0.0318	0.03170		
TRIGGER PULL	1	2	3	4	5	AVG
TRIGGER SCAN	5.434	5.547	5.468	5.586	5.286	5.464
SPRING SCALE	5.25	5.25	5.50	5.50	5.25	5.350

BARBER - 5.22.06r0007400

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Williams V. Remington

ET33888

PROJECT # 241314

710 OUT OF BOX MEASUREMENTS

TRACKING # TLW1395

SERIAL # 71147082	TORQUE OF SCOPE FRONT	TORQUE OF SCOPE REAR			
	TAKE DOWN SCREW	TAKE DOWN SCREW			
	30 INCH LB.	40 INCH LB.			
	TORQUE OF STOCK FRONT	TORQUE OF STOCK MIDDLE	TORQUE OF STOCK REAR		
	TAKE DOWN SCREW	TAKE DOWN SCREW	TAKE DOWN SCREW		
	32 INCH LB.	23 INCH LB.	13 INCH LB.		
ENGAGEMENT	1	2	3	AVG	
	0.0304	0.0306	0.0304	0.03046	
TRIGGER PULL	1	2	3	4	5
TRIGGER SCAN	5.226	5.302	5.220	5.259	5.324
SPRING SCALE	5.75	5.75	5.25	5.50	5.50
					AVG
					5.266
					5.550

ET33889

TLW 1395Project No. 241314300 Win Mag**S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST****JAR-OFF TEST**

Firecontrol No. _____ Firecontrol Type: Standard Date: 2/6/04
 Dry Cycles/Rounds Completed: _____ Stock Type Syn
 Engagement at Start (1) .0254 (2) .0254 (3) .0256 Average .02546
 Engagement at End (1) .0249 (2) .0249 (3) .0249 Average .02490
 Model No. 710 Serial No. 71147082
 Trigger Pull at Start of Test (1) 4.524 (2) 4.588 (3) 4.491 (4) 4.455 (5) 4.489
 Average Trigger Pull at Start of Test: 4.509 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.502 (2) 4.533 (3) 4.585 (4) 4.510 (5) 4.563
 Average Trigger Pull at End of Test: 4.539 Std. Dev. of Trigger Pull at End of Test: _____
 Tester Initials: SW/JW
 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 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/JW

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ET33890

CAL: 300 WIN MAG

M740 MAGNUM FIRECONTROL SAAMI JAR-OFF

TRACKING # TLW 1395
PROJECT # 241314

NAME	DATE	TEST ACTIVITY	COMMENTS	ROUNDS	AT START-0
				RDS. FIRED	TOTAL RDS.
SW/JW	2/6/04	Out of Box Measurements (See data sheet)	TLW1395		
SW/JW	2/6/04	Set engagement & trigger pull for SAAMI Jar-off	TLW1395		
SW/JW	2/6/04	SAAMI Jar-off	TLW1395		
SW	2/9/04	Check engagement & trigger pull	TLW1395		

Logform

BARBER - 5.22.06r0007403

ET33891

Confidential - ~~Shirley~~ ~~5:22 PM 06/06/2009~~ Order
Williams v. Remington

PROJECT # 241314

710 OUT OF BOX MEASUREMENTS

TRACKING # TLW1395

SERIAL # 71146753	TORQUE OF SCOPE FRONT TAKE DOWN SCREW 26 INCH LB.	TORQUE OF SCOPE REAR TAKE DOWN SCREW 30 INCH LB.				
	TORQUE OF STOCK FRONT TAKE DOWN SCREW 35 INCH LB.	TORQUE OF STOCK MIDDLE TAKE DOWN SCREW 22 INCH LB.	TORQUE OF STOCK REAR TAKE DOWN SCREW 17 INCH LB.			
ENGAGEMENT	1 0.0311	2 0.0312	3 0.0308	AVG 0.03103		
TRIGGER PULL	1 5.998	2 6.063	3 6.138	4 5.559	5 5.733	AVG 5.898
TRIGGER SCAN						
SPRING SCALE	6.0	5.75	6.0	6.0	5.75	5.900
SERIAL # 71147098	TORQUE OF SCOPE FRONT TAKE DOWN SCREW 30 INCH LB.	TORQUE OF SCOPE REAR TAKE DOWN SCREW 35 INCH LB.				
	TORQUE OF STOCK FRONT TAKE DOWN SCREW 30 INCH LB.	TORQUE OF STOCK MIDDLE TAKE DOWN SCREW 25 INCH LB.	TORQUE OF STOCK REAR TAKE DOWN SCREW 11 INCH LB.			
ENGAGEMENT	1 0.0297	2 0.0298	3 0.0300	AVG 0.0298		
TRIGGER PULL	1 5.128	2 5.439	3 5.154	4 5.306	5 5.198	AVG 5.245
TRIGGER SCAN						
SPRING SCALE	5.50	5.75	5.50	5.75	5.75	5.650
SERIAL # 71146744	TORQUE OF SCOPE FRONT TAKE DOWN SCREW 35 INCH LB.	TORQUE OF SCOPE REAR TAKE DOWN SCREW 26 INCH LB.				
	TORQUE OF STOCK FRONT TAKE DOWN SCREW 33 INCH LB.	TORQUE OF STOCK MIDDLE TAKE DOWN SCREW 25 INCH LB.	TORQUE OF STOCK REAR TAKE DOWN SCREW 18 INCH LB.			

PROJECT # 241314

710 OUT OF BOX MEASUREMENTS

TRACKING # TLW1395

ENGAGEMENT	1	2	3	AVG		
	0.0307	0.0307	0.0308	0.03073		
TRIGGER PULL	1	2	3	4	5	AVG
TRIGGER SCAN	4.844	4.749	4.747	4.963	4.745	4.810
SPRING SCALE	5.25	5.25	5.50	5.25	5.25	5.300
SERIAL # 71147044	TORQUE OF SCOPE FRONT	TORQUE OF SCOPE REAR				
	TAKE DOWN SCREW	TAKE DOWN SCREW				
	25 INCH LB.	20 INCH LB.				
	TORQUE OF STOCK FRONT	TORQUE OF STOCK MIDDLE	TORQUE OF STOCK REAR			
	TAKE DOWN SCREW	TAKE DOWN SCREW	TAKE DOWN SCREW			
	30 INCH LB.	25 INCH LB.	12 INCH LB.			
ENGAGEMENT	1	2	3	AVG		
	0.0303	0.0302	0.0304	0.03030		
TRIGGER PULL	1	2	3	4	5	AVG
TRIGGER SCAN	4.755	4.863	4.859	4.755	4.769	4.794
SPRING SCALE	5.0	5.0	5.25	5.25	5.50	5.200
SERIAL # 71147034	TORQUE OF SCOPE FRONT	TORQUE OF SCOPE REAR				
	TAKE DOWN SCREW	TAKE DOWN SCREW				
	52 INCH LB.	25 INCH LB.				
	TORQUE OF STOCK FRONT	TORQUE OF STOCK MIDDLE	TORQUE OF STOCK REAR			
	TAKE DOWN SCREW	TAKE DOWN SCREW	TAKE DOWN SCREW			
	34 INCH LB.	17 INCH LB.	18 INCH LB.			
ENGAGEMENT	1	2	3	AVG		
	0.0318	0.0315	0.0318	0.03170		
TRIGGER PULL	1	2	3	4	5	AVG
TRIGGER SCAN	5.434	5.547	5.468	5.586	5.286	5.464
SPRING SCALE	5.25	5.25	5.50	5.50	5.25	5.350

BARBER - 5.22.06P0007405

Confidential - ~~BARBER~~ 5.22.06P0007405 Order
Williams V. Remington

ET33893

PROJECT # 241314

710 OUT OF BOX MEASUREMENTS

TRACKING # TLW1395

SERIAL # 71147082	TORQUE OF SCOPE FRONT	TORQUE OF SCOPE REAR				
	TAKE DOWN SCREW	TAKE DOWN SCREW				
	30 INCH LB.	40 INCH LB.				
	TORQUE OF STOCK FRONT	TORQUE OF STOCK MIDDLE	TORQUE OF STOCK REAR			
	TAKE DOWN SCREW	TAKE DOWN SCREW	TAKE DOWN SCREW			
	32 INCH LB.	23 INCH LB.	13 INCH LB.			
ENGAGEMENT	1	2	3	AVG		
	0.0304	0.0306	0.0304	0.03046		
TRIGGER PULL	1	2	3	4	5	AVG
TRIGGER SCAN	5.226	5.302	5.220	5.259	5.324	5.266
SPRING SCALE	5.75	5.75	5.25	5.50	5.50	5.550

BARBER - 5.22.06r0007406

ET33894

TLW 1395Project No. 241314

300 Win Mag

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

Firecontrol No. _____ Firecontrol Type: Standard Date: 2/6/04
 Dry Cycles/Rounds Completed: _____ Stock Type Syn
 Engagement at Start (1) .0253 (2) .0253 (3) .0252 Average .02526
 Engagement at End (1) .0252 (2) .0252 (3) .0253 Average .02523
 Model No. 710 Serial No. 71147044
 Trigger Pull at Start of Test (1) 4.585 (2) 4.596 (3) 4.412 (4) 4.539 (5) 4.549
 Average Trigger Pull at Start of Test: 4.534 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.533 (2) 4.542 (3) 4.397 (4) 4.492 (5) 4.480
 Average Trigger Pull at End of Test: 4.489 Std. Dev. of Trigger Pull at End of Test: _____
 Tester Initials: SW/JW
 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 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/JW

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ET33895

M740 MAGNUM FIRECONTROL SAAMI JAR-OFF

SERIAL # 71146744

CAL: 300 WIN MAG

[illegible]

Logform

BARBER - 5.22.06r0007408

ET33896

Confidential - ~~SPARKER~~ 1922-06-06-00406 Order
Williams v. Remington

PROJECT # 241314

710 OUT OF BOX MEASUREMENTS

TRACKING # TLW1395

SERIAL # 71146753	TORQUE OF SCOPE FRONT	TORQUE OF SCOPE REAR				
	TAKE DOWN SCREW	TAKE DOWN SCREW				
	26 INCH LB.	30 INCH LB.				
	TORQUE OF STOCK FRONT	TORQUE OF STOCK MIDDLE	TORQUE OF STOCK REAR			
	TAKE DOWN SCREW	TAKE DOWN SCREW	TAKE DOWN SCREW			
	35 INCH LB.	22 INCH LB.	17 INCH LB.			
ENGAGEMENT	1	2	3	AVG		
	0.0311	0.0312	0.0308	0.03103		
TRIGGER PULL	1	2	3	4	5	AVG
TRIGGER SCAN	5.998	6.063	6.138	5.559	5.733	5.898
SPRING SCALE	6.0	5.75	6.0	6.0	5.75	5.900
SERIAL # 71147098	TORQUE OF SCOPE FRONT	TORQUE OF SCOPE REAR				
	TAKE DOWN SCREW	TAKE DOWN SCREW				
	30 INCH LB.	35 INCH LB.				
	TORQUE OF STOCK FRONT	TORQUE OF STOCK MIDDLE	TORQUE OF STOCK REAR			
	TAKE DOWN SCREW	TAKE DOWN SCREW	TAKE DOWN SCREW			
	30 INCH LB.	25 INCH LB.	11 INCH LB.			
ENGAGEMENT	1	2	3	AVG		
	0.0297	0.0298	0.0300	0.0298		
TRIGGER PULL	1	2	3	4	5	AVG
TRIGGER SCAN	5.128	5.439	5.154	5.306	5.198	5.245
SPRING SCALE	5.50	5.75	5.50	5.75	5.75	5.650
SERIAL # 71146744	TORQUE OF SCOPE FRONT	TORQUE OF SCOPE REAR				
	TAKE DOWN SCREW	TAKE DOWN SCREW				
	35 INCH LB.	26 INCH LB.				
	TORQUE OF STOCK FRONT	TORQUE OF STOCK MIDDLE	TORQUE OF STOCK REAR			
	TAKE DOWN SCREW	TAKE DOWN SCREW	TAKE DOWN SCREW			
	33 INCH LB.	25 INCH LB.	15 INCH LB.			

BARBER - 5.22.06+0007409

Confidential - Submitter to 22060000409 Order
Williams v. Remington

ET33897

PROJECT # 241314

710 OUT OF BOX MEASUREMENTS

TRACKING # TLW1395

ENGAGEMENT	1	2	3	AVG		
	0.0307	0.0307	0.0308	0.03073		
TRIGGER PULL	1	2	3	4	5	AVG
TRIGGER SCAN	4.844	4.749	4.747	4.963	4.745	4.810
SPRING SCALE	5.25	5.25	5.50	5.25	5.25	5.300
SERIAL # 71147044	TORQUE OF SCOPE FRONT		TORQUE OF SCOPE REAR			
	TAKE DOWN SCREW		TAKE DOWN SCREW			
	25 INCH LB.		20 INCH LB.			
	TORQUE OF STOCK FRONT		TORQUE OF STOCK MIDDLE		TORQUE OF STOCK REAR	
	TAKE DOWN SCREW		TAKE DOWN SCREW		TAKE DOWN SCREW	
	30 INCH LB.		25 INCH LB.		12 INCH LB.	
ENGAGEMENT	1	2	3	AVG		
	0.0303	0.0302	0.0304	0.03030		
TRIGGER PULL	1	2	3	4	5	AVG
TRIGGER SCAN	4.755	4.863	4.859	4.755	4.769	4.794
SPRING SCALE	5.0	5.0	5.25	5.25	5.50	5.200
SERIAL # 71147034	TORQUE OF SCOPE FRONT		TORQUE OF SCOPE REAR			
	TAKE DOWN SCREW		TAKE DOWN SCREW			
	52 INCH LB.		25 INCH LB.			
	TORQUE OF STOCK FRONT		TORQUE OF STOCK MIDDLE		TORQUE OF STOCK REAR	
	TAKE DOWN SCREW		TAKE DOWN SCREW		TAKE DOWN SCREW	
	34 INCH LB.		17 INCH LB.		18 INCH LB.	
ENGAGEMENT	1	2	3	AVG		
	0.0318	0.0315	0.0318	0.03170		
TRIGGER PULL	1	2	3	4	5	AVG
TRIGGER SCAN	5.434	5.547	5.468	5.586	5.286	5.464
SPRING SCALE	5.25	5.25	5.50	5.50	5.25	5.350

ET33898

PROJECT # 241314

710 OUT OF BOX MEASUREMENTS

TRACKING # TLW1395

SERIAL # 71147082	TORQUE OF SCOPE FRONT	TORQUE OF SCOPE REAR				
	TAKE DOWN SCREW	TAKE DOWN SCREW				
	30 INCH LB.	40 INCH LB.				
	TORQUE OF STOCK FRONT	TORQUE OF STOCK MIDDLE	TORQUE OF STOCK REAR			
	TAKE DOWN SCREW	TAKE DOWN SCREW	TAKE DOWN SCREW			
	32 INCH LB.	23 INCH LB.	13 INCH LB.			
ENGAGEMENT	1	2	3	AVG		
	0.0304	0.0306	0.0304	0.03046		
TRIGGER PULL	1	2	3	4	5	AVG
TRIGGER SCAN	5.226	5.302	5.220	5.259	5.324	5.266
SPRING SCALE	5.75	5.75	5.25	5.50	5.50	5.550

ET33899

TLW 1295

Project No. 241314

300 Win Mag

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

Firecontrol No. _____ Firecontrol Type: Standard Date: 2/6/04
 Dry Cycles/Rounds Completed: _____ Stock Type Syn
 Engagement at Start (1) .0249 (2) .0251 (3) .0251 Average .02503
 Engagement at End (1) .0249 (2) .0249 (3) .0250 Average .02493
 Model No. 710 Serial No. 71146744
 Trigger Pull at Start of Test (1) 4.672 (2) 4.467 (3) 4.552 (4) 4.475 (5) 4.552
 Average Trigger Pull at Start of Test: 4.544 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.582 (2) 4.481 (3) 4.372 (4) 4.409 (5) 4.525
 Average Trigger Pull at End of Test: 4.474 Std. Dev. of Trigger Pull at End of Test: _____
 Tester Initials: SW/JW
 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/JW

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ET33900

CAL: 300 WIN MAG

TRACKING # TLW 1395
PROJECT # 241314

[illegible]

ET33901

Confidential - ~~Subpoena~~ 502-6606674195 Order
Williams v. Remington

PROJECT # 241314

710 OUT OF BOX MEASUREMENTS

TRACKING # TLW1395

SERIAL # 71146753	TORQUE OF SCOPE FRONT	TORQUE OF SCOPE REAR				
	TAKE DOWN SCREW	TAKE DOWN SCREW				
	26 INCH LB.	30 INCH LB.				
	TORQUE OF STOCK FRONT	TORQUE OF STOCK MIDDLE	TORQUE OF STOCK REAR			
	TAKE DOWN SCREW	TAKE DOWN SCREW	TAKE DOWN SCREW			
	35 INCH LB.	22 INCH LB.	17 INCH LB.			
ENGAGEMENT	1	2	3	AVG		
	0.0311	0.0312	0.0308	0.03103		
TRIGGER PULL	1	2	3	4	5	AVG
TRIGGER SCAN	5.998	6.063	6.138	5.559	5.733	5.898
SPRING SCALE	6.0	5.75	6.0	6.0	5.75	5.900
SERIAL # 71147098	TORQUE OF SCOPE FRONT	TORQUE OF SCOPE REAR				
	TAKE DOWN SCREW	TAKE DOWN SCREW				
	30 INCH LB.	35 INCH LB.				
	TORQUE OF STOCK FRONT	TORQUE OF STOCK MIDDLE	TORQUE OF STOCK REAR			
	TAKE DOWN SCREW	TAKE DOWN SCREW	TAKE DOWN SCREW			
	30 INCH LB.	25 INCH LB.	11 INCH LB.			
ENGAGEMENT	1	2	3	AVG		
	0.0297	0.0298	0.0300	0.0298		
TRIGGER PULL	1	2	3	4	5	AVG
TRIGGER SCAN	5.128	5.439	5.154	5.306	5.198	5.245
SPRING SCALE	5.50	5.75	5.50	5.75	5.75	5.650
SERIAL # 71146744	TORQUE OF SCOPE FRONT	TORQUE OF SCOPE REAR				
	TAKE DOWN SCREW	TAKE DOWN SCREW				
	35 INCH LB.	26 INCH LB.				
	TORQUE OF STOCK FRONT	TORQUE OF STOCK MIDDLE	TORQUE OF STOCK REAR			
	TAKE DOWN SCREW	TAKE DOWN SCREW	TAKE DOWN SCREW			
	33 INCH LB.	25 INCH LB.	19 INCH LB.			

BARBER - 5.22.0610007414

Confidential - S. Barber to 22.06.0007414 Order
Williams V. Remington

ET33902

PROJECT # 241314

710 OUT OF BOX MEASUREMENTS

TRACKING # TLW1395

ENGAGEMENT	1	2	3	AVG		
	0.0307	0.0307	0.0308	0.03073		
TRIGGER PULL	1	2	3	4	5	AVG
TRIGGER SCAN	4.844	4.749	4.747	4.963	4.745	4.810
SPRING SCALE	5.25	5.25	5.50	5.25	5.25	5.300
SERIAL # 71147044	TORQUE OF SCOPE FRONT	TORQUE OF SCOPE REAR				
	TAKE DOWN SCREW	TAKE DOWN SCREW				
	25 INCH LB.	20 INCH LB.				
	TORQUE OF STOCK FRONT	TORQUE OF STOCK MIDDLE	TORQUE OF STOCK REAR			
	TAKE DOWN SCREW	TAKE DOWN SCREW	TAKE DOWN SCREW			
	30 INCH LB.	25 INCH LB.	12 INCH LB.			
ENGAGEMENT	1	2	3	AVG		
	0.0303	0.0302	0.0304	0.03030		
TRIGGER PULL	1	2	3	4	5	AVG
TRIGGER SCAN	4.755	4.863	4.859	4.755	4.769	4.794
SPRING SCALE	5.0	5.0	5.25	5.25	5.50	5.200
SERIAL # 71147034	TORQUE OF SCOPE FRONT	TORQUE OF SCOPE REAR				
	TAKE DOWN SCREW	TAKE DOWN SCREW				
	52 INCH LB.	25 INCH LB.				
	TORQUE OF STOCK FRONT	TORQUE OF STOCK MIDDLE	TORQUE OF STOCK REAR			
	TAKE DOWN SCREW	TAKE DOWN SCREW	TAKE DOWN SCREW			
	34 INCH LB.	17 INCH LB.	18 INCH LB.			
ENGAGEMENT	1	2	3	AVG		
	0.0318	0.0315	0.0318	0.03170		
TRIGGER PULL	1	2	3	4	5	AVG
TRIGGER SCAN	5.434	5.547	5.468	5.586	5.286	5.464
SPRING SCALE	5.25	5.25	5.50	5.50	5.25	5.350

BARBER - 5.22.0610007415

Confidential - Superior to 22.06.200415 Order
Williams v. Remington

ET33903

PROJECT # 241314

710 OUT OF BOX MEASUREMENTS

TRACKING # TLW1395

SERIAL # 71147082	TORQUE OF SCOPE FRONT TAKE DOWN SCREW 30 INCH LB.	TORQUE OF SCOPE REAR TAKE DOWN SCREW 40 INCH LB.				
	TORQUE OF STOCK FRONT TAKE DOWN SCREW 32 INCH LB.	TORQUE OF STOCK MIDDLE TAKE DOWN SCREW 23 INCH LB.	TORQUE OF STOCK REAR TAKE DOWN SCREW 13 INCH LB.			
ENGAGEMENT	1 0.0304	2 0.0306	3 0.0304	AVG 0.03046		
TRIGGER PULL	1	2	3	4	5	AVG
TRIGGER SCAN	5.226	5.302	5.220	5.259	5.324	5.266
SPRING SCALE	5.75	5.75	5.25	5.50	5.50	5.550

ET33904

TLW 1395

Project No. 241314

300 Win Mag

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

Firecontrol No. _____ Firecontrol Type: Standard Date: 2/6/04
 Dry Cycles/Rounds Completed: _____ Stock Type Syn
 Engagement at Start (1) .0252 (2) .0252 (3) .0251 Average .02516
 Engagement at End (1) .0252 (2) .0254 (3) .0251 Average .02523
 Model No. 710 Serial No. 71147098
 Trigger Pull at Start of Test (1) 4.638 (2) 4.608 (3) 4.458 (4) 4.634 (5) 4.407
 Average Trigger Pull at Start of Test: 4.549 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.581 (2) 4.410 (3) 4.497 (4) 4.400 (5) 4.602
 Average Trigger Pull at End of Test: 4.498 Std. Dev. of Trigger Pull at End of Test: _____
 Tester Initials: SW/JW
 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 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/JW

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ET33905