#### Phillip Reesor

From:

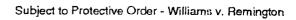
Sent:

Reesor, Phillip K. 01/28/2004 11:49:14 AM Wade, Steve D.

To:

CC: BCC:

TLW1383 FRANZ/ DEMISIONAL VERIFICATION Subject:



Rev.3 -20 April, 2000

**ELW 1383** Date Submitted: 1/28/2004 Tracking #: Engineer: Franz for Keeney Project #: 241314 Test Objective: To verify dimensions on the six T&P SAAMI Jax-Off, Drop Rotation Test Description: Measure dimensions as per supplied marked up prints for the following parts on rifles A-41 through A-46: • Trigger Pivot Pin Sear Safety Cam Side Plate (metal) · Insert Housing Resource Usage: Test Results Required: Manpower Requirements -1 tech Formal Report: Data Only: X Requested Completion Date: 1/29/04 Facility Requirements - metrology Required Materials/Parts/Equipment (include quantities): Test Parts Availability Date: now Start Date: Test Assigned To: Steve Wade Completion Date: Report Date: Assignment Date: 01/28/04

#### Phillip Reesor

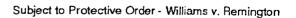
From:

Sent:

Snedeker, Jim 01/28/2004 11:13:29 AM Reesor, Phillip K. Keeney, Mike; Franz, Scott

To: CC: BCC: Subject:

TLW1383



Tracking #:

Rev:3 -20 April, 2000

**TLW 1383** 

Project #: 241314 Engineer: Franz for Keeney Test Objective: To verify dimensions on the six T&P SAAMI Jar-Off, Drop Rotation Test Description: Measure dimensions as per supplied marked up prints for the following parts on rifles A-41 through A-46: Trigger Pivot Pin Sear Safety Cam Side Plate (metal) Insert Housing

Resource Usage: Manpower Requirements -1 tech Formal Report:

Test Results Required: Data Only: X

Requested Completion Date: 1/29/04

Facility Requirements - metrology

Date Submitted: 1/28/2004

Required Materials/Parts/Equipment (include quantities):

Test Parts Availability Date: now

Completion Date:

Report Date:

Start Date:

Test Assigned To: Steve Wade

Assignment Date: 01/28/04

#### Jim Snedeker

From:

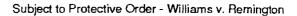
Sent:

Franz, Scott 01/28/2004 10:59:35 AM Snedeker, Jim Reesor, Phillip K.

To: CC:

BCC: Subject:

Test Lab Work Request Form



# Test Lab Work Request Form Rev 3 -20 April, 2000

Date Submitted: 1/28/2004	1 racking # : 1383	
Project # : 241314	Engineer: Franz for Keeney	
Test Objective: To verify dimens.	ions on the six T&P SAAMI Jar-Off, Drop Rotation	
rifles.		
Test Description:		
Measure dimensions as per suppl	lied marked up prints for the following parts on rifles	
A-41 through A-46:		
<u>-</u>		
Trigger Pivot Pin		
Sear Safety Cam		
Side Plate (metal)		
• Insert Housing		
- Insert Irousing		
Resource Usage	Test Results Required:	
Manpower Requirements –1 tech		
Washener Inequirements 1 team	Torma, Reports Data Only, A	
Facility Requirements – metrolog	Requested Completion Date: 1/29/04	
Required Materials/Parts/Equipment (include quantities):		
	*	
Test Parts Availability Date: now		
Start Date: Test Assigned To:		
Completion Date:	_	
	Assignment Date:	

From:

Franz, Scott

Sent: To:

01/26/2004 08:24:24 AM

Reesor, Phillip K.

CC:

BCC:

Subject:

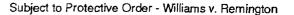
Monday

Phillip,

Jody called and said he'd be late due to weather. I'd say have him fill out a slip for personal time.

\* I had a short meeting with the guys. They all had something to to so Elet them go quickly. Check with them and then come see me about 710 Magaum testing. Would like to Jar-Off the 6 Magnums today with new triggers.

Scott



#### Mike Keeney

From:

Keeney, Mike

Sent:

01/23/2004 09:04:47 AM

To:

Haskin, Andy; Mead, Joseph P.

CC:

BCC:

Subject:

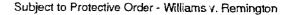
Revised Sear

Guys,

I have altered the angle of the connector engagement surface on the sear. I believe it should be steel safe in the tool, please forward to the vendor for review and measurement.

Mike

Michael D. Keeney Remington Arms Co., Inc. (270) 769-7610



#### Phillip Reesor

From:

Sent:

Reesor, Phillip K. 02/06/2004 09:27:54 AM Wade, Jeff L.; Wade, Steve D.

CC: BCC: Subject:

TLW1395 FRANZ/ 710 MAG JARR-OFF



Subject to Protective Order - Williams v. Remington

	Rev 3 –20 April, 2000	
Date Submitted: 02/06/04	Tracking #: 1395	
Project #: 241314	Engineer: Franz	
Test Objective: Test 710 Magne	um Firecontrol performance at new settings during	
Std. SAAMI Jar-off testing		
Test Description: Test 6 new M	I/710 Magnum rifle for SAAMI Jar-off.	
	ue of scope ring mounting screws when loosening.	
2. Measure breakaway torq	ue of all mke down screws when removing stocks.	
3. Measure Trigger/Sear en	gagement as set by the factory.	
4. Measure Trigger Pull as	set by the factory.	
5. Reset Engagement as nee	ded to 025'	
6. Reset Trigger as needed t	to 4,5 lb.	
7. Reassemble with stock &	scope to using torque specs.	
8. Perform Standard SAAM		
Per our normal procedure if a	gun fires during testing, leave the gun as it was	
	of management or engineering.	
Resource Usage:	Test Results Required:	
Manpower Requirements -	Formal Report: Data Only:	
	i o mar nepotri – para o mj.	
	Requested Completion Date: 02/06/04	
Facility Requirements	Requested Completion Date: 02/00/04	
raciny requirements	No.	
Dequired Matarials/Proto-Foul	mant (in alarda assantitica)	
Required Materials/Parts/Equipment (include quantities):		
	<b>Y</b>	
T 4 D 4 A 200 NO. 5 . 000	100104	
Test Parts Availability Date: 02		
Start Date:	Test Assigned To: Steve Wade & Jeff Wade	
Completion Date:		
Report Date:	Assignment Date: 02/06/05	

#### Jim Snedeker

From:

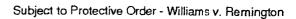
Sent:

Snedeker, Jim 02/06/2004 09:19:19 AM Reesor, Phillip K. Franz, Scott

To: CC: BCC:

Subject:

TLW1395



## 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 Firecon	ntrol performance at new settings during		
Std. SAAMI Jar-off testing			
•			
Test Description: Test 6 new M/710 Magr	num rifle for SAAMI Jar-off.		
1. Measure breakaway torque of scop	e ring mounting screws when loosening.		
2. Measure breakaway torque of all to	ike 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 02:			
6. Reset Trigger as needed to 4.5 b.			
7. Reassemble with stock & scope to a	ising 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 manag	ement or engineering.		
	<u> </u>		
Resource Usage:	Test Results Required:		
Manpower Requirements	Formal Report: Data Only:		
	Requested Completion Date: 02/06/04		
Facility Requirements—	1		
Required Materials/Parts/Equipment (include quantities):			
	. ,		
Test Parts Availability Date: 02/06/04			
Start Date: Test Assi	gned To:		
Completion Date:	<b>**</b>		
Report Date: Assignme	ent Date:		

#### Phillip Reesor

From:

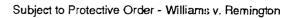
Sent:

Snedeker, Jim 02/06/2004 09:19:19 AM Reesor, Phillip K. Franz, Scott

To: CC:

BCC: Subject:

TLW1395



## Test Lab Work Request Form Rev. 3 – 20 April, 2000

Tracking #: TLW 1395			
Engineer: Franz			
econtrol performance at new settings during			
lagnum rifle for SAAMI Jar-off.			
cope ring mounting screws when loosening.			
dl take down screws when removing stocks.			
ent as set by the factory.			
the factory.			
.0257			
b. ///			
to using torque specs.			
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.			
Test Results Required:			
Test Results Required: Formal Report: Data Only:			
Formal Report: Data Only:  Requested Completion Date: 02/06/04			
Formal Report: Data Only:			
Formal Report: Data Only:  Requested Completion Date: 02/06/04			
Formal Report: Data Only:  Requested Completion Date: 02/06/04  (include quantities):			
Formal Report: Data Only:  Requested Completion Date: 02/06/04  (include quantities):			

#### Jim Snedeker

From:

Sent:

Reesor, Phillip K. 02/06/2004 08:37:32 AM Snedeker, Jim

To: CC:

Franz, Scott

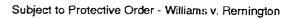
BCC:

Subject:

710 Magnum Jarr-off

Jim, please assign a number.

PKR



Rev.3 -20 April, 2000

	Tracking #: TLW 1395
Date Submitted: 02/06/04	Tracking #: TLW 1395
Project #: 241314	Engineer: Franz
Test Objective: Test 710 Magnum Fireco	ontrol performance at new settings during
Std. SAAMI Jar-off testing	
Test Description: Test 6 new M/710 Mag	
	pe ring mounting screws when loosening.
	take down screws when removing stocks.
3. Measure Trigger/Sear engagement	
4. Measure Trigger Pull as set by the	
5. Reset Engagement as needed to .02	257
6. Reset Trigger as needed to 4.5 h.	
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 :	Museima tantina Ingra the area as it was
dropped and contact a member of mana	
dropped and contact a member of mana Resource Usage:	
dropped and contact a member of mana	gement or engineering.
dropped and contact a member of mana Resource Usage:	gement or engineering.  Test Results Required:
dropped and contact a member of mana Resource Usage: Manpower Requirements – Facility Requirements –	Test Results Required: Formal Report: Data Only: Requested Completion Date: 02/06/04
dropped and contact a member of mana Resource Usage: Manpower Requirements –	Test Results Required: Formal Report: Data Only: Requested Completion Date: 02/06/04
dropped and contact a member of mana Resource Usage: Manpower Requirements – Facility Requirements –	Test Results Required: Formal Report: Data Only: Requested Completion Date: 02/06/04
Resource Usage:  Resource Usage:  Manpower Requirements —  Facility Requirements —  Required Materials/Parts/Equipment (in	Test Results Required: Formal Report: Data Only: Requested Completion Date: 02/06/04
Resource Usage:  Resource Usage:  Manpower Requirements —  Facility Requirements —  Required Materials/Parts/Equipment (in	Test Results Required: Formal Report: Data Only: Requested Completion Date: 02/06/04

From: Sent:

Reesor, Phillip K. 02/06/2004 08:37:32 AM Snedeker, Jim Franz, Scott

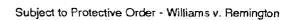
To:

CC: BCC: Subject:

710 Magnum Jarr-off

Jim, please assign a number.

PKR



	# <b>Rev</b> :3 −20 Apnl, 2000	
Date Submitted: 02/06/04	Tracking #:	
Project # : 241314	Engineer: Franz	
Test Objective: Test 710 Magnum Firecon	ntrol performance at new settings during	
Std. SAAMI Jarr-off testing		
Test Description: Test 6 new M/710 Magn	ium rifle for SAAMI Jarr-off.	
1. Measure break-away torque of scor	pe ring mounting screws when loosening.	
2. Measure break-away torque of all t	ake down screws when removing stocks.	
3. Measure Trigger/Sear engagement	as set by the factory.	
4. Measure Trigger Pull as set by the f	factory.	
5. Reset Engagement as needed to 025	5 <b>'</b>	
6. Reset Trigger as needed to 4.5 lb.		
7. Reassemble with stock & scope to a		
8. Perform Standard SAAMI Jarr-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 manag	ement or engineering.	
	<b>*</b>	
	<u></u>	
Resource Usage:	Test Results Required:	
Manpower Requirements –	Formal Report: Data Only:	
n	Requested Completion Date: 02/06/04	
Facility Requirements		
Required Materials/Parts/Equipment (include quantities):		
Test Parts Availability Date: 02/06/04		
***************************************	tart Date: Test Assigned To:	
Completion Date:		
Report Date: Assignme	ent Date:	

#### Mike Keeney

From:

Franz, Scott

Sent:

02/06/2004 05:02:03 PM

To:

Thweatt, Ed T.

CC:

Golemboski, Matt R.; Keeney, Mike; Diaz, Danny

BCC:

Subject:

RE: M710 Magnums

Ed,

Our numbers were larger on both trigger pull and engagement, ['II send you a copy of this data Monday. We should relook into this since we have to be sure who is right, especially when we set these for SAAMI testing. We reset both trigger pull to 4.5 lbs. and engagement to .025 and did the Jar-Off test on all 6 guns. Your average on trigger pull was up over 5 lbs. and engagement was around .030" per our measurement.

By the way, they all passed.

Scott

---Original Message---From: Thweatt, Ed T.

Sent: Thursday, February 05, 2004 11:34 AM

To: Franz, Scott

Subject: RE: M710 Magnums

5 should be around 4.5 and one at 4.5 to 5 and .025 on egg on all six

Ed Thweatt

---Original Message---From: Franz, Scott

Sent: Thursday, February 05, 2004 10:20 AM

To: Thweatt, Ed T.

Subject: RE: M710 Magnums

Importance: High

Will do, along with engagement prior to star Off testing. What were your targets for to and engagement

---Original Message From: Thweatt, Ed T.

Sent: Thursday, February 05, 2004 11:18 AM

To: Franz, Scott Subject: M710 Magnums

Scott,

Subject to Protective Order - Williams v. Remington

As a point of comparison, could you check the sample of 6, that was sent to you today, for trigger pull force?

Thanks,

Ed Thweatt

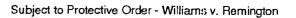
Engineering Manager

Remington Arms Company

22 Rifle Trail

Hickory, Ky 42051

ed.thweatt@remington.com



From:

Thweatt, Ed T.

Sent:

02/05/2004 11:34:07 AM

To:

Franz, Scott

CC:

BCC:

Subject:

RE: M710 Magnums

5 should be around 4.5 and one at 4.5 to 5 and .025 on eng on all six

Ed Thweatt

----Original Message---From: Franz, Scott

Sent: Thursday, February 05, 2004 10:20 AM

To: Thweatt, Ed T.

Subject: RE: M710 Magnums

Importance: High

Will do, along with engagement prior to Jar 20 leating. What were your targets for to and engagement

----Original Message---From: Thweatt, Ed T.
Sent: Thursday, February 05, 2004 11:18 AM
To: Franz, Scott
Subject: M710 Magnums

Scott,

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Thanks,

Ed Thweatt

Engineering Manager

Remington Arms Company

22 Rifle Trail

Hickory, Ky 42051

ed.thweatt@reminplon.com

Subject to Protective Order - Williams v. Remington

From:

Franz, Scott

Sent:

02/05/2004 11:19:37 AM

To:

Thweatt, Ed T.

CC:

BCC: Subject:

RE: M710 Magnums

Will do, along with engagement prior to Jar-Off testing. What were your targets for to and engagement

-Original Message-From: Thweatt, Ed T.

Sent: Thursday, February 05, 2004 11:18 AM

To: Franz, Scott

Subject: M710 Magnums

Scott,

As a point of comparison, could you check the sample of 5 that was sent to you today, for trigger pull force?

Thanks,

Ed Thweatt

**Engineering Manager** 

Remington Arms Company

22 Rifle Trail

Hickory, Ky 42051

ed.thweatt@remington.com

Subject to Protective Order - Williams v. Remington

X

From:

Franz, Scott

Sent:

02/05/2004 01:10:56 PM

To:

Thweatt, Ed T.

CC:

BCC:

RE: M710 Magnums Subject:

Thanks, we're on the same page.

-Original Message From: Thweatl, Ed T.

Sent: Thursday, February 05, 2004 11:34 AM

To: Franz, Scott

Subject: RE: M710 Magnums

5 should be around 4.5 and one at 4.5 to 5 and .025 on eng.on all six

Ed Thweatt

----Original Message-

From: Franz, Scott Sent: Thursday, February 05, 2004 10:20 AM

To: Thweatt, Ed T.

Subject: RE: M710 Magnums

Importance: High

Will do, along with engagement peror to dar. Off testing. What were your targets for to and engagement

-Original Message

From: Thweatt, Ed T.

Sent: Thursday, February 05, 2004 11:18 AM

To: Franz, Scott

Subject: M710 Magnums

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Thanks,

Ed Thweatt

Subject to Protective Order - Williams v. Remington