Test Lab Work Request Form

Rev.3 –20 April, 2000

Date Submitted: 10/4/00	Tracking #: TLW 0319
Project # : 241095	Engineer: S. Franz for M. Keeney

Test Objective:

To determine performance of the M/710 Bolt Action Rifle during standard SAAMI Drop, Jar-off and Rotation tests when fitted with an engagement screw with a 60 deg. Cone configuration on the end of the screw (Dwg. B-300448, Alt. D).

Test Description:

- Obtain 5 working M/710 DAT guns from series B-1 through B-10.
- Install new engagement screw with the 60 deg. Cone configuration (See Phillip)
- Set trigger pull specifications to process minimums.
 - 1. Set Trigger Pull to 4.0 lbs.
 - 2. Set Engagement to .020 in.
- Perform Standard SAAMI Jar-off Test on all 6 guns. (All 6 orientations)
- Recheck Trigger Pull and engagement after Jar-off Test.
- Reset Trigger Pull and Engagement to process minimums if needed.
- Perform Standard SAAMI Drop Test on all six guns (All 6 orientations)
- Recheck Trigger Pull and Engagement after the Drop Test.
- Reset Trigger Pull and Engagement to process minimums if needed.
- Perform Standard SAAMI Rotation Test on all six guns. (Right & Left Side)
- Recheck Trigger Pull and Engagement after the Drop Test.

Resource Usage:	Test Results Required:
Manpower Requirements -2 tecl	hs. Formal Report: Data Only: X
Facility Requirements –Drop A	Requested Completion Date: 10/6/00 rea
Required Materials/Parts/Equip	ment (include quantities):
Test Parts Availability Date:	
Start Date: 10-5-00	Fest Assigned To: Bob Lee & Jesse Arnold
Completion Date: 10-6-00	11anl
Report Date: 10-6-00	Assignment Date: 10/05/00 (()

ET29918

GUN# B-4 SERIAL #71001338 CAL- 30.06 SPRG.

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REMINGTON M/710 DAT PHASE II DAILY TEST DATA SHEET

TRACKING #TLW0010 PROJECT #241095

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NAME	DATE	TEST ACTIVITY	COMM	ENTS	RDS. FIRED	TOTAL RD
JW/ SW	9/11/00	HEADSPACE	1N F. POY			
JW/ SW	9/11/00			IN + , DOS & PROOF STAMP	1	1
TA/BL/JC	9-11-00	Trigger Polls	The see Stant Jan-			
	9-11-00	Sear/Trisser Enge	nen Tisear Lift			
	9-11-00	Indents				
met	9-12-00	MARIONIA FUUX BOLT	O NO INDICATION			
Brian Rages		Dry cycle I				
PKR	10/04/01	Replaced	It was with one Fr	on 13-8		
JA/BL	10/5/00	Replaced Engas	~ · ~ T Schow wy 60° Co	ne Screw		
JA/BC	10/5/00	SET Engigeme	70201 Teig	ger Pull - 4.08		
J4/BC	10-6-00	SA. A. MI DROP	AR- OFT and Rotation tes	+ Binsteted		
		Final measuren	to see S+AMI JAR-	Iff Drop & Rotation		
		Text Form				
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THIS SHEET IS TO ACCOMPANY THE FIREARM AT ALL TIMES THROUGHOUT TESTING

	TLW <u>03/9</u>
	Project No. 2410 95
. JAR-OFF, DROP & Re	OTATION TEST

S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST					
Firecontrol No. Fi Dry Cycles/Rounds Completed: Model No. 710 Serial No.	recontrol Type:	Date: 10~5.00			
Model No. Social No.	Stock Type	_ Engagement at Start . a 2 o/			
Trigger Pull at Start of Test (1) 4.0	(2) 40 (3) 425 (4)	Engagement at End . 0/88			
Average Trigger Pull at Start of Test: 4	(2) 4.25 (4) 4.	ull at Start of Test:			
Trigger Pull at End of Test (1) 4.5	$\frac{(2)}{(2)} \frac{4.5}{4.5} = (3) \frac{4.0}{4.0} = (4)$	40 (5) 425 (6) 40			
Average Trigger Pull at End of Test: 4	Std. Dev. of Trigger I	Pull at End of Test:			
1: L.A.		Tester Initials:			
Note: measurements between	tional Notes and Comments Leen Jar-off and rot	ation Test			
engagement 01	98 Triager pull-	4.66 Roset - 4083			
Note measurements aft	er standard Rotatio	200 200			
engagementou	73 Trigger pull	4.16 Roset-none			
	oper procedures to be used for th	is Test Procedure refer to:			
	ANSI/SAAMI Z299.5-1990				
SAAMI Specifications for Stan	dard Jar-Off Test				
<u>Jar-Off Test:</u> 12-inch drop	- onto 1" thick 85 durameter (Si	hore A) Rubber Matt			
Firearm rea	dy to five, Safe in "Fire" position	, Fresh Primed Case in			
Chamber, M	agazine loaded to capacity with	Dummy Rounds.			
	rop, fire Primed Case to verify fir	•			
12 inch drop (safet	y in "Fire" position) - one drop pe	er orientation.			
Note: for Firearms with the 1	SS system installed – The ISS wil	l be set in the unlocked			
	all six orientations of the Jar-Of				
Orientation · ISS I	Unlocked (Comments			
•	_				
, -					
,	Pass Fail				
Barrel Horizontal, Bottom of Stock Down:	Pass Fail				

TLW	0319
Project No.	241095

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.

Note: for Firearms with the ISS system installed - The Firearms will be set with the

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REMINGTON M/710 DAT PHASE II DAILY TEST DATA SHEET

TRACKING #TLW0010 PROJECT #241095

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NAME	DATE	TEST ACTIVITY	566 248	COMMENTS		RDS. FIRED	TOTAL RD
JW/ SW	9/11/00		MIN. 1002				
JW/ SW	9/11/00	PROOF, HEADSPACE	PROSE INSPECT	LEADSPACE MIN. +,003 + PROJE	F STAMP	1 1	11
A/BL/JC	9-11-00		A MORPH OF THE PARTY OF THE PAR				
27.5-7.5-	9-11-00	Sear/Trigger English	. Ement/Sear l	PT			
	9-11-00	IndenTi					
MRJ	9-12-00	MAGNAFLIX BULT HEA	D - NO HADICATION	\S			
PKR	10/04/00	Replaced Bull	t bod to	th one from 15-6		` \	<u> </u>
JA/BL	10-5-00	Replaced Engagem	ent some u	160° come screw			
JAI BL	10-5-00	Set Engagement	- 02//	Trigger Pull - 3.91 tation test completed SA.A.M.I. JAR-OFF, DROP & 1			
JAY BL	10-6-00	Saami Drap, Ja	r-off and Ro	tation test completed			
<u>.</u>		final measur	ement son	SA.A.M.I. SAR-OFF, DROP & F	Botation		
		Test Form	19/21	- 100 M C C C C C C C C C C C C C C C C C C			
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THIS SHEET IS TO ACCOMPANY THE FI

		TLW_	0319
		Project No	241095
S.A.A.M.I. J	AR-OFF, DROP & R	OTATION TEST	
recontrol NoF ry Cycles/Rounds Completed: lodel No7/0	Stock Type 7/00/340 (2) 3.75 (3) 4.6 3.97 Std. Dev. of	Engagement	nt at End <u>.020/</u> <u>4.0</u> (6) <u>3.25</u> Test:
verage Trigger Pull at End of Test: _3	8.95 Std. Dev. o	f Trigger Pull at End of	Test:
Add Note: measure ments bet engage ment01 Note: measurements af engage ment0	192 Trigger p ter standard	nd rotation Tes oull - 4.0 Rotation Fest	t Reset - pone Ceset none
For additional details on the p	roper procedures to be i	sed for this Test Proce	dure refer to:
Chamber, 1 After each	op onto 1" thick 85 dur ady to fire, Safe in "Fire Magazine loaded to capa drop, fire Primed Case t ety in "Fire" position) - c	ameter (Shore A) Rubb " position, Fresh Prim acity with Dummy Roun o verify firearm will sti- one drop per orientation	ed Case in ds. Il function.
100 mg 1 m	or all six orientations of	the Jar-Off Test	
O <u>rientation</u> Barrel Vertical, Muzzle Up: Barrel Vertical, Muzzle Down: Barrel Horizontal, Left side of Stock Up:	Pass Fail Fail	Comments	

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TLW	0319
Project No.	241095

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.

Note: for Firearms with the ISS system installed - The Firearms will be set with the

ISS system in the	unlocked position for all six orie	entations 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	The state of the s
Barrel Horizontal, Right side of Stoc	ck Up: Pass Fail	
Barrel Horizontal, Bottom of Stock U	Up: Pass Fail	
Barrel Horizontal, Bottom of Stock I	Down: ' Pass Fail	<u></u>
ৰ মা <u>হি</u> ছি	for Standard Rotation Test:	Signer ()
Fired in Ch After Rotation Tes Note: for Firearms ISS system in the in Orientation Firearm Vertical, Drop so left side of	· —	fe" position, Fresh Primed Case acity with Dummy Rounds. werify firearm will still function. The drop per orientation. The Firearms will be set with the
Firearm Vertical, Drop so right side of Notes: (continue on back of sheet if necess	-	
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		Tester's Initials 170
		Page 2 of 2 Z101\DROPTEST_REV3.DOC

ET29923

GUN# B-7 SERIAL # 71001333 CAL- 30.06 SPRG.

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REMINGTON M/710 DAT PHASE II DAILY TEST DATA SHEET

TRACKING # TLW0010 PROJECT #241095

· · · · · · · · · · · · · · · · · · ·			″ ∜į ROUND	ROUNDS AT START-			
NAME	DATE	TEST ACTIVITY	COMMENTS	RDS. FIRED	TOTAL RD		
JW/ SW	9/11/00	HEADSPACE	MIN \$ 1002				
JW/ SW	9/11/00	PROOF, HEADSPACE	MIN + ,002 MOST, MISPECT, HEADSPAKE MIN. +,003 & PROOF STAMP	1 1	1		
A/BL/JC	9-11-00						
	9-11-00	Seur Trigger Engo, IndenTS	ement/Sear L: FT				
	9-11-00	Indants	Section 1995				
MRT	19-12-00	MAGNAGIJIV SOUT HAS	40 - RIO BALLIATIONS				
TA/BL	10-5-00	Replaced Engage	mant strew w/60° core sonew				
JAIBL	10-5-00	Set Engagemen	ment Set w/60° cone screw +0207 Trigger Pull - 4.08 JAR-off and data an Test completed ments see SAA.M.I. JAR-OFF, Drop s + Form				
JA/BL	10-6-00	S.A. A. M. I. DROD	JAR-off and Rotation Test completed				
····		final measure.	ments see SAA.M.F. JAN-OFF Drop 5	\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\			
		Rotation tes	+ Form				
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THIS SHEET IS TO ACCOMPANY THE FIREARM AT ALL TIMES THROUGHOUT TESTING

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TLW.	0319
Project No.	241095

S.A.A.M.I. JAR-OFF, DROP & ROTATI	ON	TEST
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		·	
Firecontrol No.	Firecontrol Type:		Date: 10-5-00
Firecontrol No. Dry Cycles/Rounds Completed:	Stock Type		Engagement at Start .020/
Model No. 7/0 Serial No.	o. 7/00/333	B-7	Engagement at End .01(09
Trigger Pull at Start of Test (1) 4.25	(2) <u>(</u> 3)	<u>3.75 (4) 4.</u>	25 (5) 4.25 (6) 4.0
Average Trigger Pull at Start of Test:	9.08 Std. De	v. of Trigger Pu	all at Start of Test:
Trigger Pull at End of Test (1) 4.5	(2) <u>4.25</u> (3)	<u>4.25 (4) 4</u>	1.25 (5) 4.0 (6) 4.25
Average Trigger Pull at End of Test:	4.25 Std. De	ev. of Trigger P	ull at End of Test:
		$ au_c$	ester Initials:
Ad	ditional Notes and C		ester mitals.
Note measurements be	tween Jar-c	off and r	otation Test
engagement02	129 Trigge	er pull-	4.5 Roset - 4.0
Readjust engagement 03	191 (inser	t bracket	Fischer Loosened to
Luosen sear it was stic	king)		
		North Contract.	2
For additional details on the p	proper procedures to	be used for thi	s Fest Procedure refer to:
	ANSI/SÄAMIZ2		
, , , , , , , , , , , , , , , , , , ,			
SAAMI Specifications for St	andard Jar-Off,Test		
<u>Jar-Off Test</u> : 12-inch dr	op - onto 1" thick 85	durameter (Sh	ore A) Rubber Matt
Firequi re	eady to fire, Safe in "	Fire" position,	Fresh Primed Case in
- Chamber,	Magazine loaded to	capacity with D	Dummy Rounds.
After each	drop, fire Primed Co	ase to verify fire	earm will still function.
12 inch drop (sal	ety in "Fire" position	i) - one drop per	orientation.
Note: for Firearms with the			
position)	<u>for all six orientation</u>	s of the Jar-Off	<u>Test</u>
O <u>rientation</u> · ISS	S Unlocked	C	fomments
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:			
Barrel Horizontal, Bottom of Stock Up:			
Barrel Horizontal, Bottom of Stock Down:			
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TLW .	0319
Project No	241095

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.

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

ISS system in the	unlocked position for all six ori	entations of the Drop Test
Orientation	ISS Unlocked	Comments
Barrel Vertical, Muzzle Up:	Pass	
Barrel Vertical, Muzzle Down:	Pass Fail	
Barrel Horizontal, Left side of Stock I	Up: Pass Fail	
Barrel Horizontal, Right side of Stock	Up: Pass / Fail	
Barrel Horizontal, Bottom of Stock U	p: Pass V Fail	
Barrel Horizontal, Bottom of Stock D	own: Pass V Fail	
SAAMI Specifications fo	r Standard Rotation Test	
Rotation Test: Rest F	irearm on the Butt end and allo	w Firearm to fall
Drogr	onto I, thick 85 durameter (Sl	hore A) Rubber Matt
Firear	m not ready to fire, Safe in "Saj	fe" position, Fresh Primed Case
in Cho	amber, Magazine loaded to capa	acity with Dummy Rounds.
After e	each drop Fire Primed Case to v	verify firearm will still function
. July 1888 1893		
Rotation lest	" (safety in "Safe" position) - o	ne drop per orientation.
Note: for Firearms v	vith the ISS system installed – T	he Firearms will be set with the
ISS system in the u	nlocked position for both orient	ations 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		
Thomas Torket, Brop Bo Tight olde of	rotook is op. Tass V Tan	
Notes: (continue on back of sheet if necessa	rvi	
	after Rotation Test	-
engagement	0187 Trigger Pull	1-4.16 Rest-none
		Tester's Initials JTC (

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REMINGTON M/710 DAT PHASE II DAILY TEST DATA SHEET

TRACKING #TLW0010 PROJECT #241095

	1	,	ROUNI	S AT START-	
NAME	DATE	TEST ACTIVITY	COMMENTS	RDS. FIRED	TOTAL RDS.
JW/ SW	9/11/00	HEADSPACE	MIN. + 2001		
JW/ SW	9/11/00	PROOF, HEADSPACE	PROOF INSPECT, HEADSPACE MIN. +. 002 - PROOF STAMP	1	1
JA/86/JC	9-11-00	Trigger Pulls	senson Topian Lift		
	9-11-00	Sour/Trigger Enge	enent/Sear Lift		
	9-11-00	IndeaTS	4 (1) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4		
MRT	9-12-00	A	e a mar 1867 no la 91 196 no la discoursi de la compansión de la compansi		
JA/BC	10-5-00	Replaced engage	ement senew w/60° come Senew		
· 54/ BC	10-5-00	Set engagemen	t- 1206 Trigger Pull 4.04		
JA/BL	10-6-00	SAAMI. Drap	ement Seew W/60° come Senew t - 0206 Trigger Pull 4.04 JAN-0ff and Rotation Test Completed ements se saa.m. I Jan-off Drop t Form		
<u> </u>		final measur	ements Se SAA.M. I JAR-OFF Drop	-	
		Rotation Te	+ FULM		
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THIS SHEET IS TO ACCOMPANY THE FIREARM AT ALL TIMES THROUGHOUT TESTING

TLW_	0319
Project No.	241095

	Firecontrol Type:	Date: 10-5-00 Engagement at Start .0.206
Ory Cycles/Rounds Completed:	Stock Type	Engagement at Start .0206
vlodel No Serial N	10. 7/90/063 B-9	Engagement at End .0189
rigger Pull at Start of Test (1) 4.25	(2) 4.0 (3) 4.0 (4	1) 4.25 (5) 3.75 (6) 4.0
Average Trigger Pull at Start of Test:	Std. Dev. of Trig	ger Pull at Start of Test:
Frigger Pull at End of Test (1) 4.0	(2) 40 (3) 4.0 (4) <u>4.25 (5) 3 75 (6) 4.0</u>
verage Trigger Pull at End of Test:	Std. Dev. of Trig	gger Pull at End of Test:
		Tester Initials:
	dditional Notes and Comments	
NOTE: measurements but	ween Jar-off and	rotation Test
pote measurements af	Trigger Pull -	4.08 Reset none
engage ment-,0193	Trigger Pull-	4.08 Resultana
	176 in 17	
For additional details on the	Total 21 507	or this Test Procedure refer to:
	ANSI / SAAMI Z299.5-199	
SAAMI Specifications for S	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
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Jar-Off Test: 12-inch d	rop - onto 1" thick 85 duramet	er (Shore A) Rubber Matt
	eady to fire, Safe in "Fire" po. Magazine loaded to capacity i	
Aftereach	h drop, fire Primed Case to ver	ifv firearm will still function
		_
412 inch drop (sa	fety in "Fire" position) - one dr	op per orientation.
Note: for Firearms with the	<u>ie ISS system installed – The IS</u>	S will be set in the unlocked
AND THE RESERVE AND THE PROPERTY OF THE PROPER	for all six orientations of the Je	
93/15E	-	
Onion Antion IC	S Unlocked	Comments
		_
Barrel Vertical, Muzzle Up:	Pass Fail	
Barrel Vertical, Muzzle Up: Barrel Vertical, Muzzle Down:		
Barrel Vertical, Muzzle Up: Barrel Vertical, Muzzle Down: Barrel Horizontal, Left side of Stock Up:	Pass Fail	
Barrel Vertical, Muzzle Up: Barrel Vertical, Muzzle Down: Barrel Horizontal, Left side of Stock Up: Barrel Horizontal, Right side of Stock Up	Pass Fail	
Barrel Vertical, Muzzle Up: Barrel Vertical, Muzzle Down: Barrel Horizontal, Left side of Stock Up:	Pass Fail Pass Fail Pass Fail Pass Fail	
Barrel Vertical, Muzzle Up: Barrel Vertical, Muzzle Down: Barrel Horizontal, Left side of Stock Up: Barrel Horizontal, Right side of Stock Up	Pass Fail Pass Fail Pass Fail Pass Fail	

TLW	0319
Project No.	241095

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.

Note: for Firearms with the ISS system installed - The Firearms will be set with the

ISS system in the	unlocked position for	r all six orientations of the Drop Test
Orientation	ISS Unlocked	Comments
Barrel Vertical, Muzzle Up:	Pass Fail	·
Barrel Vertical, Muzzle Down:	PassFail	
Barrel Horizontal, Left side of Stock	: Up: Pass V Fail	1
Barrel Horizontal, Right side of Stoc	ck Up: Pass Fai	
Barrel Horizontal, Bottom of Stock I	Up: Pass Fail	
Barrel Horizontal, Bottom of Stock I	Down: Pasi V Fai	
SAAMI Specifications 1	or Standard Rotation	Test:
Rotation Test: Rest	Firearm on the Butt en	nd and allow Firearm to fall
Drop	onto 1" thack 85 dur	rameter (Shore A) Rubber Matt
Pirea	rm not ready to fire, S	Safe in "Safe" position, Fresh Primed Case
After	amber, Magazine toad aach dron Fira Prima	ded to capacity with Dummy Rounds. d Case to verify firearm will still function.
1 35 900 VS		
**************************************	it" (safety in "Safe" po	osition) - one drop per orientation.
Note: for Firearms	with the ISS system in:	stalled – The Firearms will be set with the
ISS system in the	unlocked position for l	both orientations of the Rotation Test.
Orientation .	ISS Unlocked	Comments
Firearm Vertical, Drop so left side of	f Stock is Up: Pass	Fail
Firearm Vertical, Drop so right side	of Stock is Up: Pass	Fail
Notes: (continue on back of sheet if necess	sary)	
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		Tester's Initials JTO
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GUN# B-10 SERIAL #71001069 CAL- 30.06 SPRG.

REMINGTON M/710 DAT PHASE II DAILY TEST DATA SHEET

CAL- 30.0	06 SPRG.	** () () () () () () () () () (। - একার্শ্বরাস্থ্য শূর্মান্ত - - একার্ম্বরাস্থ্য শূর্মান্ত স্থান	
			ROUNDS AT START-	
NAME	DATE	TEST ACTIVITY	COMMENTS RDS. FIRED	TOTAL RDS
JW/ SW	0/44/00	HEADSPACE	M/N, # 00 L	
JW/ SW	9/11/00	PROOF, HEADSPACE	PROSE INSPECT HEADSPARE MIN. + .003 + PROSE STAMP 1 SEMANTISER LIFT FAO - NO INDICATIONS	11
JA/BL/JC	9-11-00	Trisser Pulls	Approximation of the second of	
	9-11-00	Scor/Trisser Ens	semont/sear bitT	
	9-11-00	Indents		
M. ET	9-12-00	MAGNAFUL BOUTH	EAD - NO INDICATIONS	
JA/BL	10-5-00	Replaced Engl	JAR OFF and Rotation Test Completed ments See SA.A.M.T. JAR-OFF, Drop st Form	<u>.</u>
JAIBL	10-5-00	Set Chaacon	Int = . 0203 Trager Pull 3.87	
JA/BL	10-6-00	S. A. A. M. T Drof	JAROFF and Rotation TesT Completed	
		final measure	ments ca S.A.A.M.I. JAR-OFF Drop	
		Rotation Te	sT FORM	
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Subject to Pro-Williams

Protective

Remington

THIS SHEET IS TO ACCOMPANY THE FIREARM AT ALL TIMES THROUGHOUT TESTING

TLW	0319
Project No.	241095

S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST			
Firecontrol No. Firecontrol Type: Date: 10 - 5 - 0 0 Dry Cycles/Rounds Completed: Stock Type Engagement at Start 0.2.08 Model No. 7 10 Serial No. 7 100 1069 B-10 Engagement at End 0.2.16 Trigger Pull at Start of Test 1.8.75 (2) 4.0 (3) 4.0 (4) 3.75 (5) 3.75 (6) 4.0 Average Trigger Pull at Start of Test: 3.8.7 Std. Dev. of Trigger Pull at Start of Test: Trigger Pull at End of Test: 3.75 (4) 3.75 (5) 4.0 (6) 4.25 Average Trigger Pull at End of Test: 3.95 Std. Dev. of Trigger Pull at End of Test: Std. Dev. of Trigger Pull at End of Test:			
Additional Notes and Comments Note: measurements between Jar-off and rotation Test engagement-0199 Trigger Pull-3.91 Reset-none Note: measurement after Standard Rotation test engagement-0202 Trigger Pull-3.91 Reset-none			
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. hinck 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. Nite: 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 Up: Pass Fail Barrel Horizontal, Bottom of Stock Down: Pass Fail			
Page 1 of 2			

TLW	0319
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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.

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:	PassFail	
Barrel Vertical, Muzzle Down:	Pass Fail	
Barrel Horizontal, Left side of Stock	Up: Pass Fail	
Barrel Horizontal, Right side of Stock	k Up: Pass / Fail	cractud insert
Barrel Horizontal, Bottom of Stock U	Jp: Pass Fail	
Barrel Horizontal, Bottom of Stock I	Down: Pass Fail	
SAAMI Specifications f	or Standard Rotation Test:	- (%) इ. १ - (%)
Exip Firea in Ch After Rotation Tes <u>Note: for Firearms</u>	amber, Magazine loaded to contend to contend the prime of the contend to contend the contend to	(Shore A) Rubber Matt 'Safe" position, Fresh Primed Case apacity with Dummy Rounds. to verify firearm will still function one drop per orientation The Firearms will be set with the ientations of the Rotation Test. Comments
Notes: (continue on back of sheet if necess	sary)	
		Tester's Initials 17CL
		Page 2 of 2 Z101\DROPTEST_REV3.DOC

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