### 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 Objectives	<del></del>				

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 Phil
- 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 orientation
- 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.

Kesource Usage:	1 est Results Required:
Manpower Requirements -2 te	chs. Formal Report: Data Only: X
Facility Requirements –Drop	Requested Completion Date: 10/6/00
Required Materials/Parts/Equi	pment (include quantities):
Test Parts Availability Date:	
Start Date: 10-5-00	Test Assigned To: Bob Lee & Jesse Arnold
Completion Date: 10-6-00	11anl
Report Date: 10-6-00	Assignment Date: 10/05/00

	B-4 L # 71001 .06 SPRG.	5990	REMINGTON M/710 DAT PHASE II DAILY TEST DATA SHEET	TRACKING # * PROJECT	
				IDS AT START-	
NAME	DATE	TEST ACTIVITY	COMMENTS	RDS. FIRED	TOTAL RDS.
JW/ SW	9/11/00	HEADSPACE %	MIN PP4		
JW/ SW	9/11/00	PROOF, HEADSPACE	PROOF, INTOPECT, HEADSPACE MIN. +, DOS & PROOF STAMP	1	1
4/BL/JC	9-11-00	Trigger Polls	Approximately and the second s		
	9-11-00		eman Tiscar L: 7T		
	9-11-00				
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NAME	DATE	IEST ACTIVITY	COMMENTS   RDS. FIRED	TOTAL KD
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JW/ SW	9/11/00	PROOF HEADSPACE	TOPEN LAIAPECT HOADERATE ASIA I DOC A PROPE STAMP 1	1
A/BL/JC	9-11-00	Triscar Polls	END INDICATION  SS  Both Association (S-8)	
	9-11-00	Sear/Trisser Engl	reman Tiscar LifT	
	9-11-00	Indents		
met	9-12-00	MARIONAFUUX BOLT	LEND INDICATION	
Brian Roges		Dry cycle J	55 Table 12	
Brian Rages PKR	10/04/00	Beplaced	Balt Assa with one From 13-8	
O A / VIL	10/5/00	Replaced Enga	TAR-OFF SE S. + AM T. TAR-OFF D'ER PERSON	
TA/BL	10/5/00	Set Engigene	470201 Trigger Pull - 4.08	
14/BC	10-6-00	SA. A. MI DROP	JAR-OFF and Rotation test 3 moleted	
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TLW <u>03/9</u>
Project No. 241095
S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST
Firecontrol No. Serial No. Stock Type Engagement at Start .020/  Model No. 7/0 Serial No. 7/00/378 3 - 4 Engagement at End .0/88  Trigger Pull at Start of Test (1) 4.0 (2) 4.0 (3) 4.25 (4) 4.0 (5) 4.25 (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) 4.0 (4) 4.0 (5) 4.25 (6) 4.0  Average Trigger Pull at End of Test: 4,20 Std. Dev. of Trigger Pull at End of Test:
Additional Notes and Comments  Note: measurements between Jar-off and rotation Test  engagement 0198 Trigger pull - 4.66 Roset - 4083  Note measurements after standard Rotation Test  engagement 0193 Trigger pulls 4.16 Roset-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" thick 85 durameter (Shore A) Rubber Matt Firearm ready to five, 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
Barrel Vertical, Muzzle Up:  Barrel Vertical, Muzzle Down:  Barrel Horizontal, Left side of Stock Up:  Barrel Horizontal, Right side of Stock Up:  Barrel Horizontal, Bottom of Stock Up:  Barrel Horizontal, Bottom of Stock Up:  Pass Fail  Barrel Horizontal, Bottom of Stock Up:  Pass Fail  Barrel Horizontal, Bottom of Stock Down:  Barrel Horizontal, Bottom of Stock
Page 1 of 2 Z101\DROPTEST_REV3.DOC

TLW 0319 Project No. 24/095 S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST 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: Pass Barrel Vertical, Muzzle Down: Fail Barrel Horizontal, Left side of Stock Up: Barrel Horizontal, Right side of Stock Up: Barrel Horizontal, Bottom of Stock Up: Pass : Barrel Horizontal, Bottom of Stock Down: SAAMI Specifications for Standard Rotation Test Rotation Test: Rest Firearm on the Buttend 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 Test" (safety in "Safe" position) - one drop per orientation. Note: for Firearms with the ISS system installed - The Firearms will be set with the ISS system in the unlocked position for both orientations of the Rotation Test. Comments Orientation ISS Unlocked Firearm Vertical, Drop so left side of Stock is Up: Pass Firearm Vertical, Drop so right side of Stock is Up: Fail Pass Notes: (continue on back of sheet if necessary)

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Tester's Initials 170

### **GUN# B-5 SERIAL #71001340** CAL- 30.06 SPRG.

### **REMINGTON M/710 DAT PHASE II** DAILY TEST DATA SHEET

TRACKING #TLW0010 PROJECT #241095

		,ei	Prior della art sedi.		ROUNDS	AT START-	
NAME	DATE	TEST ACTIVITY	266 - 44	COMMENTS		RDS. FIRED	TOTAL RE
JW/ SW	9/11/00	HEADSPACE	MIN. # 1092				
JW/ SW	9/11/00	PROOF, HEADSPACE	PROSE INSPECT	HEADSPACE MIN. +,003 + PAOSE:	STAMP	1	1
A/BL/JC	9-11-00	Trigger Pulls	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
	9-11-00	Sear/Trisger Fos	ocement/Searl	FT			
	9-11-00						
MRJ	9-17-00	MAGNAFLUX BOLT HEA	D - NO MEDICATION	\S			
PKR	10/04/00	Replaced Bu	West +1	th one From 13-6		` `	<u> </u>
JA/BL	10-5-00	Replaced Engage	reat screw u	160° Come SCNW			
JA/ BL	10-5-00	Set Engagement	0211	Trigger Pull - 3.91			·
JAY BL	10-6-00	Saami Drop, Ji	or-off and Ro	Trigger Pull - 3.91 tation test completed SA.A.M.I. SAR-OFF, DROP & Bon			
<del></del>		final measur	ement 500	SA.A.M.I. JAR-OFF, DROP & ROT	ATION		
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I DIO OME	ET IS TO ACC	COMPANY THE FI	01 L	• 100			Forms

TLW 0319 Project No. 24/695 S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST Firecontrol No. Firecontrol Type: Date: 10-5-03 Dry Cycles/Rounds Completed: Stock Type Engagement at Start , 02/1

Model No. 7/0 Serial No. 7/00/340 B-5 Engagement at End .020/ Trigger Pull at Start of Test (1) 4.0 (2) 3.75 (3) 4.0 (4) 4.0 (5) 4.0 (6) 3.75 Average Trigger Pull at Start of Test: 3.91 Std. Dev. of Trigger Pull at Start of Test: Trigger Pull at End of Test (1) 4.5 (2) 4.0 (3) 4.0 (4) 3.75 (5) 3.75 (6) 3.75 Average Trigger Pull at End of Test: 3.95 Std. Dev. of Trigger Pull at End of Test: Tester Initials: Additional Notes and Comments Note: measure ments between Jar-off and rotation Test Note: measurements after standard Rotation Fest engagement -. 0197 Trigger pull - 3.9 For additional details on the proper procedures to be used for this Fest Procedure refer to: ANSI/SAAMI Z299:5-1990 SAAMI Specifications for Standard Jar-Off Test Jar-Off Test: 12-inch drop-sonto 1" thick 85 durameter (Shore A) Rubber Matt Firegin 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. 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 · ISS Unlocked Comments **Orientation** Pass V Barrel Vertical, Muzzle Up: Pass Fail \_\_\_\_\_ Barrel Vertical, Muzzle Down: Pass V Barrel Horizontal, Left side of Stock Up: Barrel Horizontal, Right side of Stock Up: Pass \_\_\_\_\_ Barrel Horizontal, Bottom of Stock Up: Pass \ Barrel Horizontal, Bottom of Stock Down: Pass V Fail Page 1 of 2 Z101\DROPTEST REV3.DOC

TLW <u>03/9</u>
Project No. <u>24/095</u>

1.0<sub>5</sub>

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

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 83
Barrel Vertical, Muzzle Up:	PassFail	
Barrel Vertical, Muzzle Down:	Pass Fail	
Barrel Horizontal, Left side of Stoo	ck Up: Pass Fail	
Barrel Horizontal, Right side of Sto	ock Up: Pass Fail	
Barrel Horizontal, Bottom of Stock	k Up: Pass Fail	
Barrel Horizontal, Bottom of Stock	k Down: ' Pass Fail Fail	
SAAMI Specifications	s for Standard Rotation Test: 🚅	
Dro Fire in C Afte "Rotation T <u>Note: for Firearm</u>	hamber, Magazine loaded to ca er each drop Fire Primed Cuse to est" (safety in "Safe" position) -	Shore A) Rubber Matt Safe" position, Fresh Primed Case pacity with Dummy Rounds. o verify firearm will still function. one drop per orientation. The Firearms will be set with the
Firearm Vertical, Drop so left side		
Firearm Vertical, Drop so right sid		
Notes: (continue on back of sheet if nec		
		Tester's Initials 47Cq
		Page 2 of 2

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

- 1

## REMINGTON M/710 DAT PHASE II DAILY TEST DATA SHEET

TRACKING # TLW0010 PROJECT #241095

		A CONTRACT OF THE CONTRACT OF	<b>ROUNDS AT START-</b>	1
NAME	DATE	TEST ACTIVITY COMMENTS		TOTAL RD
JW/ SW	9/11/00	PROOF, HEADSPACE PROOF, NEADSPACE MIN. +, DO3 + PROOF S		
JW/ SW	9/11/00	PROOF, HEADSPACE PROOF, INTEREST, HEADSPACE MIN. +,003 + PROOFS	STAMD 1	11
A/BL/JC	9-11-00			
	9-11-00	Seur Trigger Engovement Scar Lift		
	9-11-00	Seur Trigger Engagement Sear L. FT  IndenTS		
MRT	9-12-00	- 38.4.4.といめよう19 - アンス・アートしゅうひ - 6280に300にした 22.40で3人で19		
JA/BL	10-5-00	Paplaced Engagement Serew W/60° cone screw Set Engagement020 Trigger Pull - 4.08  S.A. A. M. J. Drop, JAR-off and Datation Test complet  Final measure ments see SAA.M. J. JAR-OFF, Drop 5  Rotation test Form		 
JA1 B1	10-5-00	Set Engagement0201 Trigger Pull - 4.08		
JA/BL	10-6-00	S.A. A. M. I. DROG JAR-off and Rotation Test complet	ed	<u> </u>
		final measure ments see SAA.M. T JAN-OFF Drop 5		
		Rotation test form		
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TLW <u>03/9</u>
Project No. 24/095
S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST
Firecontrol No. Firecontrol Type: Date: 10-5-00  Dry Cycles/Rounds Completed: Stock Type Engagement at Start .0201  Model No. 7/0 Serial No. 7/00/333 B-7 Engagement at End .0/69  Trigger Pull at Start of Test (1) 4.25 (2) 4.0 (3) 3.75 (4) 4.25 (5) 4.25 (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) 4.25 (3) 4.25 (4) 4.25 (5) 4.0 (6) 4.25  Average Trigger Pull at End of Test: 4.25 Std. Dev. of Trigger Pull at End of Test:
Additional Notes and Comments  Note: measurements between Jar-off and rotation Test  engagement0229 Trigger pull - 4.5 Reset - 4.0  Readoust engagement0191 (insert bracket screw toosened to  Loosen sear it was sticking)
For additional details on the proper procedures to be used for this Fest 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 Firentin 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
Barrel Vertical, Muzzle Up:  Barrel Vertical, Muzzle Down:  Barrel Horizontal, Left side of Stock Up:  Barrel Horizontal, Right side of Stock Up:  Barrel Horizontal, Bottom of Stock Up:  Pass Fail  Barrel Horizontal, Bottom of Stock Up:  Pass Fail  Barrel Horizontal, Bottom of Stock Down:  Barrel Horizontal, Bottom of Stock Down:
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	•		,	TLW <u>03/9</u>	
			Project	No. 24/09	5
S	.A.A.M.I. J	JAR-OFF, DROP &	<b>ROTATION TE</b>	ST	
	SAAMI	Specifications for Stand	dard Drop Test:		
<u>Drop Test</u> :	Firearm no in Chambe	op - onto 1" thick 85 de ot ready to fire, Safe in er, Magazine loaded to edrop Fire Primed Case	"Safe" position, I capacity with Dun	Fresh Primed Cas nmy Rounds.	
48 i	nch drop (saf	ety in "Safe" position)	one drop per orie	ntation.	
Note: for Fire	earms with th	ne <u>ISS system installed</u> -	- The Firearms wil	ll be set with the	
<u>ISS syste</u>	m in the <b>unl</b> o	ocked position for all si	x orientations of th	ie Drop Test	ج الماريخ الماريخ
Orientation	IS	S Unlocked		Comments	
Barrel Vertical, Muzzle Up	:	PassFail			
Barrel Vertical, Muzzle Do	wn:	Pass Fail			
Barrel Horizontal, Left side	of Stock Up:	Pass Fail			
Barrel Horizontal, Right si	de of Stock Up:	Pass Fail		- 100 mm	
Barrel Horizontal, Bottom	of Stock Up:	Pass For	138 138 1463 148 148 148 148 148 148 148 148 148 148		
Barrel Horizontal, Bottom	of Stock Down	: Pass V Fail			
SAAMI Specific	cations for Si	andard Rotation Test:	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Rotation Test:	1.00 mg	arm on the Buttend and	" Lallow Firearm to	fall	
Notation 1 est	) 1966 - 1866 - 1	to I'' thick 85 duramete	•		
		ot ready to fire, Safe in			se
		er, Magazine loaded to			
	* After each	n drop Fire Primed Cas	e to verify firearm	will still function	
"Rota	tion Test" (s	safety in "Safe" position	n) - one drop per o	rientation.	
Note: for F	irearms with	the ISS system installed	l - The Firearms	vill be set with the	<u>e</u>
<u>ISS syster</u>	n in the <b>unlo</b>	cked position for both o	rientations of the	Rotation Test.	
Orientai	ion	ISS Unlocked		Comments	
Firearm Vertical, Drop so	left side of Stoc	ck is Up: Pass	Fail		
Firearm Vertical, Drop so		ock is Up: Pass F	Fail ail		
	-				
Notes: (continue on back of s					
histo' mass	mant ca	Fter Rotation 187 Trigger	Test		

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Tester's Initials 1700

# REMINGTON M/710 DAT PHASE II DAILY TEST DATA SHEET

SER	IAL	# /	10	U	1
CAL-	30.0	6 S	PR	G.	,

1	DS AT START-			
DATE	TEST ACTIVITY	COMMENTS	RDS. FIRED	TOTAL RDS.
9/11/00	HEADSPACE	MIN, + 3001		
9/11/00	PROOF, HEADSPACE	PROOF INSPECT, HEADSPACE MIN. +. 002 - PROOF STAMP	1	1
9-11-00	Trigger Pulls	HATEL AND		
9-11-00	Secriticizeer Enge	sement/Sear Lift		
9-11-00	IndeaTS	week die		
9-12-00	MAGNAFLUL BOUT HE	AD - NO TOO CATIONS		
10-5-00	Replaced engage	e mont senew w/60° cone Screw		
10-5-00	Set engagemen	t- 1006 Trigger Pull 4.04		
10-6-00	SAAMI Dras	JAR-OFF and Rotation Test Completed		
	Final Measur	ements se SAA.M. I JAR-OFF Drop		
	Rotation Te	+ FURM		
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	9/11/00 9-11-00 9-11-00 9-12-10	9/11/00 HEADSPACE  9/11/00 PROOF, HEADSPACE  9-11-00 Trigger Pulls  9-11-00 Security Trigger Engage  9-11-00 India TS	DATE TEST ACTIVITY  9/11/00  HEADSPACE  MIN. + DOI  9/11/00  PROOF, HEADSPACE  \$ -u - co  Trigger By 10  9-11-00  Trigger By 10  10-11-00  Trigger By 10  Tr	DATE TEST ACTIVITY COMMENTS  9/11/00 HEADSPACE 9/11/00 PROOF, HEADSPACE 9/11/00 Trigger DU/S 9-11-00 Trigger DU/S 10-5-00 Replaced engagement Seria U/Social Seria 10-5-00 Set engagement - 500 D. Trigger Du/L 4.04 10-5-00 SAAMA. Dray JAR-OFF and Robation Test Completed Pinal measurements See SAA.m. I JAR-OFF, Drap Robation Test Form

Confidential

TLW
Project No. 24/045
S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST
Firecontrol No.         Firecontrol Type:         Date:         /0-5-00           Dry Cycles/Rounds Completed:         Stock Type         Engagement at Start
Additional Notes and Comments  NOTE: measure ments between Jar-off and rotation Test  engagement0196 Trigger Pull - 4.08 Reset none  Note: measure ments after standard Rotation Test  engage ment0193 Trigger Pull - 4.08 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" 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.  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:  Barrel Vertical, Muzzle Down:  Pass Fail  Barrel Horizontal, Left side of Stock Up:  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  Barrel Horizontal, Bottom of Stock Down:
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TLW 0319 Project No. 24/095

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

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

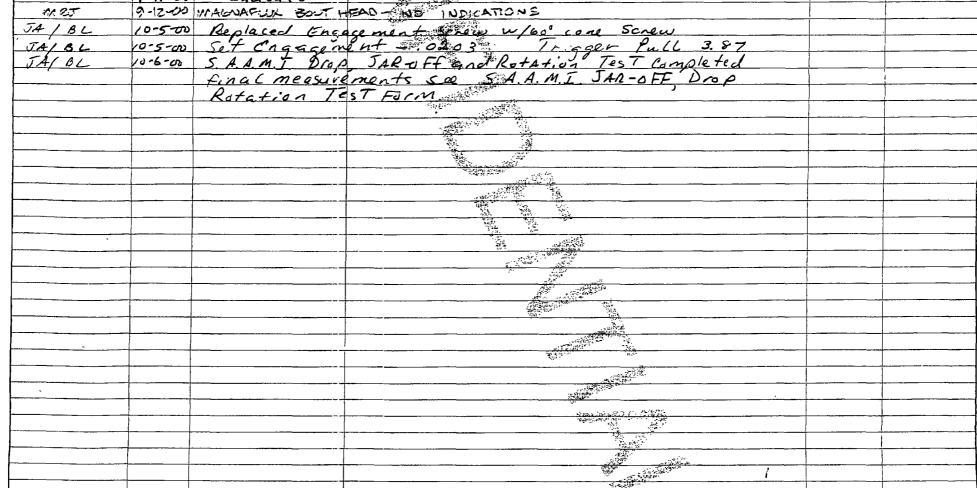
<u>ISS system in th</u>	e unlocked position for all s	ix orientations of the Drop Test
Orientation	ISS Unlocked	Comments
Barrel Vertical, Muzzle Up:	Pass Fail	
Barrel Vertical, Muzzle Down:	PassFail	
Barrel Horizontal, Left side of Stoo	k Up: Pass Fail	
Barrel Horizontal, Right side of Sto	ock Up: Pass Fail	
Barrel Horizontal, Bottom of Stock	: Up: Pass V Fail	
Barrel Horizontal, Bottom of Stock	Down: Past V Fail	2 3
. <u> </u>	for Standard Rotation Test, t Firearm on the Butt end an	A <sup>F</sup>
in C Afte Rotation T <u>Note: for Firearm</u>	peronto 1" thick 85 durame earm not ready to fire, Safe is thamber, Magazine loaded to reach drop Fire Primed Ca est" (safety in "Safe" position is with the ISS system install the unlocked position for both ISS Unlocked	
Firearm Vertical, Drop so right sid	e of Stock is Up: Pass	Fail
Notes: (continue on back of sheet if nec	essary)	
		Tester's Initials JTCL
		Page 2 of 2 Z101\DROPTEST_REV3.DOC

### **GUN# B-10 SERIAL #71001069**

### F **REMINGTON M/710 DAT PHASE II** DAILY TEST DATA SHEET

TRACKING #TLW0010 PROJECT #241095

			ROUNDS	S AT START-	
NAME	DATE	TEST ACTIVITY	COMMENTS	RDS. FIRED	TOTAL RDS
JW/ SW	9/11/00	HEADSPACE	MIN. # 001		
JW/ SW	9/11/00	PROOF, HEADSPACE	PROSE, INSPECT HEADSPACE MIN. + . 003 + PROSE STAMP	1	1
A/BL/JC	9-11-00	Tripper Pulls			
	9-11-00	Sear/Trigger Ens	agemant/sear Lift		
	9-11-00	IndenTS			
MR RT	9-12-00	MAGNAFILL BOUT F	FAD - NDICATIONS		
4/BL	10-5-00	Replaced Engl	ogement w/60° come Screw Int = 0203 Tragger Pull 3.87  JARUFF and Rotation Test Campleted  ments See S.A.A.M.I. JAN-OFF, Drop  sT Form		
TA/BL	10-5-00	Set Chagagen	ent - 1.0203 Trager Pull 3.87		
TA/BL	10-6-00	5 A AM T Brok	JAROFF and RotAtion TesT Completed		
·		final measure	ments see S.A.A.M.I. JAN-OFF Drop		
		Rotation To	ST FORM		
			- MACON CO		
·			Straight straight		
	-		and the second s		
			1866 V		
			1451 1712 1713 1713 1715		



Take Sales

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

Forms

TLW 0319

Project No. 24 1095

S.	A.	A	М.	l	JΑ	R-	OF	F	١,	DF	0	P	&	R	0	T	A.	TI	0	N	T	ES	T
								_	, -			-			_		_		_		_		

Firecontrol No. Firecontrol Type: Date: 10-5-00 Dry Cycles Rounds Completed: Stock Type Engagement at Start 0208 Model No. 710 Serial No. 7100 1069 B-10 Engagement at End 0216 Trigger Pull at Start of Test (1) 3.75 (2) 4.0 (3) 4.0 (4) 3.75 (5) 3.75 (6) 4.0 Average Trigger Pull at Start of Test: J. 8.7 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) 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:  Additional Notes and Comments  Note: measure ments between Jar-off and rotation Test  2 ngage ment-0199 Trigger Pull-3.91 Recet-results  Note: recoverement after standard flatation test  2 ngage ment-0202 Trigger Pull-3.91 Recet-results  For additional details on the proper procedures to be used for this Test Procedure refer to:  ANSI/SAAMI 229.5-1990  SAAMI Specifications for Standard Jar-Off Test:  Jar-Off Test: 12-inch drop-onto Lithick 85 durameter (Shore A) Rubber Matt  Litearm 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
Trigger Pull at Start of Test (1) 3.75 (2) 4.0 (3) 4.0 (4) 3.75 (5) 3.75 (6) 4.0  Average Trigger Pull at Start of Test: 3.87 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) 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:  Tester Initials:  Additional Notes and Comments  Note: measurements between Jar-off and rotation Test  engage ment of er Grand rotation Test  nogage ment of er Grand and Rotation Test  engage ment of er Grand and Rotation Test  nogage ment of er Grand and Rotation Test  angular ment of er Grand and Rotation Test  nogage ment of er Grand and Rotation Test  engage ment of er Grand and Rotation Test  nogage ment of er Grand and Rotation Test  angular ment of er Grand and Rotation Test  engage ment of er Grand and Rotation Test  angular ment of er Grand and Rotation Test  Additional Notes and Comments  Rotation Test  rester Initials:  Rotation Test  Rotation Test  Rotation Test  rester Initials:  Additional Notes and Comments  Rotation Test  Rotation Test  Rotation Test  Rotation Test  Rotation Test  rester Initials:  Rotation Test  Rotatio
Additional Notes and Comments  Note: measurements between Jar-off and rotation Test  engage ment0199 Trigger Pull-3.91 Reset-rane  Note: measurement after Standard Rotation test  engage ment0202 Trigger Pull-3.91 Reset-rane  For additional details on the proper procedures to be used for this Test Procedure refer to:  ANSI/SAAMI 2299.5-1990  SAAMI Specifications for Standard Jar-Off Test:  Jar-Off Test: 12-inch drop-onto 1. Thick 85 durameter (Shore A) Rubber Matt  tivairm 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
Programment of ler Grand and Robertion test  Linguisment of ler Grand and Robertion test  Linguisment - 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." thick 85 durameter (Shore A) Rubber Matt  Frank 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.  More: 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
Programment of ler Grand and Robertion test  engage ment0202 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." thick 85 durameter (Shore A) Rubber Matt  Final 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.  More: 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
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SAAMI Specifications for Standard Jar-Off Test:  Jar-Off Test, 12-inch drop - onto 1. thick 85 durameter (Shore A) Rubber Matt Great 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
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.  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
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Mote: 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
position for all six orientations of the Jar-Off Test
- 1
Barrel Vertical, Muzzle Up: Pass V 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

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TLW 0319 Project No. 241095

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

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

<u>ISS system in the</u>	unlocked position for all	six orientations of the Drop Test
Orientation	ISS Unlocked	Comments
Barrel Vertical, Muzzle Up:	PassFail	
Barrel Vertical, Muzzle Down:	PassFail	
Barrel Horizontal, Left side of Stock	Up: Pass Fail	
Barrel Horizontal, Right side of Stoo	k Up: Pass V Fail	enacted insert
Barrel Horizontal, Bottom of Stock	Up: Pass Fail	
Barrel Horizontal, Bottom of Stock	Down: Pass 📈 Fait	
SAAMI Specifications	for Standard Rotation Tes	
Fire Fire in Ca After Rotation Te <u>Note: for Firearms</u>	arm not ready to fire, Safe hamber, Magazine loaded teach drop Fire Primed Cost" (safety in "Safe" positivith the ISS system install unlocked position for both ISS Unlocked of Stock is Up: Pass of Stock is Up: Pass	nd allow Firearm to fall eter (Shore A) Rubber Matt in "Safe" position, Fresh Primed Case to capacity with Dummy Rounds. ase to verify firearm will still function. ion) - one drop per orientation. iled - The Firearms will be set with the h orientations of the Rotation Test.  Comments  Fail Fail
		Tester's Initials LTCL
		Page 2 of 2 Z101\DROPTEST_REV3 DOC