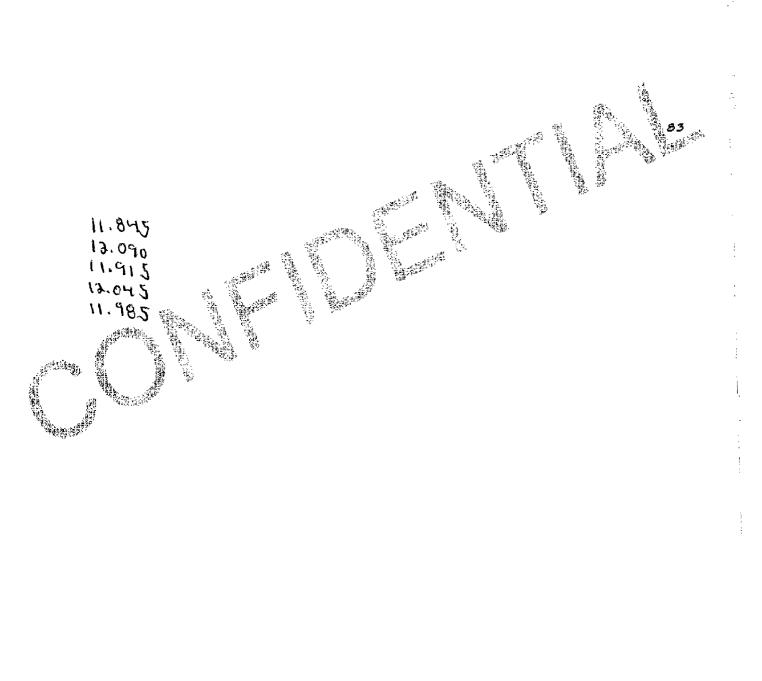
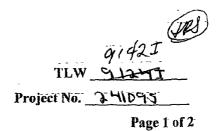
Test Lab Work Request Form

Date Submitted: 19 May, 1999	Tracking #: TLW 9142I
Project #: 241095	Engineer: SNEDEKER, J.R.
Test Objective:	TAR OVER AND DOWN MICH DECEMBLO
COMPLETE STANDARD S.A.A.M.I. DROI	P, JAR-OFF AND ROTATION TESTING RIFLES SUBMITTED FOR EVALUATION
ON 18 MAY '99.	MILES SUBMITTED FOR EVADUATION
Test Description:	
1. Perform standard procedure, S.A. all submitted samples of M/710 E using standard S.A.A.M.I. proced primed case for each drop, jar-off	A.M.I. Drop, Jar-Off And Rotation Testing on EET rifles. Examine each rifle after each drop lures. Load chamber and close bolt over a fresh for rotation orientation. "Fire" the primed case
procedure for recording the result minimum, each data sheet should and ending round level covered be the serial number of the firearm a used when the malfunction occur.	.M.I. Drop, Jar-Off And Rotation Testing as is. In addition to the test results, and as a list the tester's initials, the date the beginning y that data sheet. Also, the TLW" number, and the sample number and the ammunition type red should be recorded on each data sheet.
modification. Before proceeding	T samples, the drop procedure may require with this test, discussion should occur between no manager to determine the proper methods to be drop with the aluminum test and weakt was appropriately. 12 lbs.
Resource Usage:	Test Results Required:
Manhower Requirements -	Formal Report: Data Only: X
1 technician	REQUESTED Completion Date:
Facility Requirements -	28 May '99
Required Materials/Parts/Equipment (include	•
	ammunition, with bullets and powder removed to
make primed cases.	
85 durameter rubber mat.	
Test Parts Availability Date: 18 May '99	T-44-:1T-
Start Date: 6/16/99 Completion Date: 6/16/99	Test Assigned To: Steve Wada
Completion Date: 6/16/95 Report Date:	6/16/99
INDEXED ASSIGNED SCHEDULED	





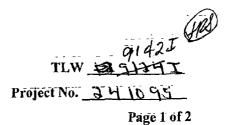
Firecontrol No.	Firecontrol Type:	Date: 6/16/9
Dry Cycles/Rounds Completed:	Stock Type 644	Engagement at Start
Model No. M/710 Serial	<i>,</i>	
Trigger Pull at Start of Test (1)	(2)(3)(4	4) (5) (6)
Average Trigger Pull at Start of Test:	Std. Dev. of	Trigger Pull at Start of Test:
Trigger Pull at End of Test (1)	(2)(3)((4)(5)(6)
Average Trigger Pull at End of Test:	Std. Dev. of T	rigger Pull at End of Test:
Ad	Iditional Notes and Commer	nts
		V.
SAAMI Specifications for Star <u>Jar-Off Test</u> : 12 inch drop Firearm rea Chamber, M After each d	ANSI / SAAMI Z299.5-1990 ndard Jar-Off Test: p - onto 1" thick 85 durameted dy to fire,Safe in "Fire" pos Magazine loaded to capacity	er (ShoreA) Rubber Matt ition, Fresh Primed Case in with Dummy Rounds. ify firearm will still function.
report.	,	Comments
Barrel Horizonal, Bottom of Stock Down:		
Barrel Horizonal, Bottom of Stock Up:	,	
Barrel Horizonal, Left side of Stock Up:		
Barrel Horizonal, Right side of Stock Up:	1	
Barrel Vertical, Muzzle Up:		
Barrel Vertical, Muzzle Down:	Pass Fail	

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TLW 91241
Project No. 241095
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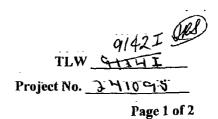
S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST

Firecontrol No.	Firecontrol Type:	Date:	6/16/99
Dry Cycles/Rounds Completed:			
Model No. M/7/0 Seria	,		
Trigger Pull at Start of Test (1)			
Average Trigger Pull at Start of Test:	Std. Dev. of	Trigger Pull at Start o	f Test:
Trigger Pull at End of Test (1)	(2)(3)	(4)(5)	(6)
Average Trigger Pull at End of Test:		20.5	i i i i i i i i i i i i i i i i i i i
. A	dditional Notes and Commer	nts	
	18 18 18 18 18 18 18 18 18 18 18 18 18 1		11/2
SAAMI Specifications for Sta <u>Jar-Off Test</u> , 12 inch dro Firegra re Chamber, After each o	ANSI / SAAML 7299.5-1990 ndard Jar-Off Test: p - onto 1" thick 85 duramet ady to fire,Safe in "Fire" pos Magazine loaded to capacity drop Fire Primed Case to ver	or (ShoreA) Rubber Mo Sition, Fresh Primed Co With Dummy Rounds. Sify firearm will still fu	alt ase in
12 inch drop (safe	ety in "Fire" position) - one di		
Barrel Horizonal, Bottom of Stock Down: Barrel Horizonal, Bottom of Stock Up: Barrel Horizonal, Left side of Stock Up: Barrel Horizonal, Right side of Stock Up: Barrel Vertical, Muzzle Up:	Pass Fail Pass Fail Pass Fail Pass Fail	Comments	
Barrel Vertical, Muzzle Down:	Pass Fail		

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Firecontrol No.	_ Firecontrol Type:	Date:	6/16/99
Dry Cycles/Rounds Completed:	Stock Type Salar	Engagement at Si	tart
Model No. <u>M/7/0</u> Serial			
Trigger Pull at Start of Test (1)			
Average Trigger Pull at Start of Test:	Std. Dev.	of Trigger Pull at Start o	of Test:
Trigger Pull at End of Test (1)	(2)(3)	(4)(5)	(6)
Average Trigger Pull at End of Test:	Std. Dev. of	f Trigger Pull at End of	Test:
. Ad	ditional Notes and Comr	nents	
	A STATE OF THE STA	9,	
For additional details on the pro-	per procedures to be use	d for this Test Procedu	re refer to:
59. (99 ₁₋₁₀ 59)/87	ANSI / SAAMI Z299.5-1	990	
SAAMI Specifications for Star			
Jar-Off Test: 12 inch drop	o - onto 1" thick 85 duran	neter (ShoreA) Rubber M	latt
	dy to fire,Safe in "Fire" <u>j</u> Aagazine loaded to capac		
	rop Fire Primed Case to		
12 inch drop (safet	y in "Fire" position) - one	e drop per orientation.	
#####################################		Comments	
Barrel Horizonal, Bottom of Stock Down:	Pass Fail		
Barrel Horizonal, Bottom of Stock Up:	Pass Fail	Tigger locked 1	Uill not function
Barrel Horizonal, Left side of Stock Up:	Pass Fail		OK)
Barrel Horizonal, Right side of Stock Up:	Pass Fail	indest mark on	primer
Barrel Vertical, Muzzle Up:			
Barrel Vertical, Muzzle Down:	Pass Fail		



Firecontrol No.	Firecontro	ol Type:		Date	6/16/99
Dry Cycles/Rounds Completed:	Stock Ty	pe Sulva	Eı	ngagement at	Start
Model No. M/7/0 Seria	l No. XC	1055	Engage	ement at End	
Trigger Pull at Start of Test (1)					
Average Trigger Pull at Start of Test:		Std. Dev	of Trigge	r Pull at Start	of Test:
Trigger Pull at End of Test (1)					. (SE)
Average Trigger Pull at End of Test:					99 15 (1942). 📆 😭 😭
	lditional Not				
		45002			
		de Jane			
SAAMI Specifications for State <u>Jar-Off Test</u> : J2 inch drop Firearm red Chamber, J	ANSI / SAA ndard Jar-Of p - onto 1" th ndy to fire,Sa Magazine loo lrop Fire Pri	M Z299.5- If Test: hick 85 durc fe in "Fire nded to cape med Case t	1990 ameter (Sho " position, . acity with E o verify fire	oreA) Rubber Fresh Primed Dummy Round Parm will still	Matt Case in 's.
Barrel Horizonal, Bottom of Stock Down:	p /	r E-d			
Barrel Horizonal, Bottom of Stock Up:	Pass	Fail			
Barrel Horizonal, Left side of Stock Up:	Pass	Fail			· · · · · · · · · · · · · · · · · · ·
Barrel Horizonal, Right side of Stock Up:					
Barrel Vertical, Muzzle Up:					
Barrel Vertical, Muzzle Down:					

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Project No. 241695
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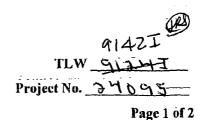
S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST

Firecontrol No.	Firecontrol Type:	Date:	6/16/99
Dry Cycles/Rounds Completed:	Stock TypeSylp_	Engagement at St	art
Model No. M/7/O Seria	1 No. x.c - 1062	Engagement at End	
Trigger Pull at Start of Test (1)	(2)(3)	(4)(5)	(6)
Average Trigger Pull at Start of Test:	Std. Dev. o	of Trigger Pull at Start o	f Test:
Trigger Pull at End of Test (1)	(2)(3)	_(4)(5)	(6)
Average Trigger Pull at End of Test:	Std. Dev. of	Trigger Pull at End of	Cest:
	Iditional Notes and Comn	nents	
	5		
12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ANSI / SAAMI Z299.5-19		e refer to:
SAAMI Specifications for Star	*-		
Jar-Off Test: 12 inch drop	p - onto 1" thick 85 duram idy to fîre,Safe in "Fire" p		
G-1982 Sc. Sc. Style	Magazine loaded to capac		use in
After each a	lrop Fire Primed Case to	verify firearm will still fu	nction.
12 inch drop (safe	ty in "Fire" position) - one	drop per orientation.	
region.	. /	Comments	
Barrel Horizonal, Bottom of Stock Down:	Pass Fail		
Barrel Horizonal, Bottom of Stock Up:	Pass Fail	 	
Barrel Horizonal, Left side of Stock Up:	Pass V Fail		
Barrel Horizonal, Right side of Stock Up:	. /		
Barrel Vertical, Muzzle Up:	,		
Barrel Vertical, Muzzle Down:	Pass V Fail		

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Project No	241095
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Firecontrol No.	_ Firecontrol Type	:	Date	6/16/99
Dry Cycles/Rounds Completed;	Stock Type\$	/h	Engagement at	Start
Model No. M/110 Seria	No. X C - 106	Enga	gement at End	
Trigger Pull at Start of Test (1)	(2)(3)_	(4)	(5)	(6)
Average Trigger Pull at Start of Test:	Std.	Dev. of Trig	ger Pull at Star	t of Test:
Trigger Pull at End of Test (1)	(2)(3)	(4)	(5)	(6).
Average Trigger Pull at End of Test:	Std. I	ev. of Trigg	er Pull at End	of Test:
Ad.	ditional Notes and	Comments		
			14 (2) 15 (1) 14 (1))
	(3) (3) (3) (3) (3) (3) (3) (3) (3) (3)	Market D	No. 100	
Chamber, 1 After each a		durameter (S Fire" position capacity with use to verify f	n, Fresh Primed a Dummy Round irearm will still per orientation.	d Case in ds. I function
			Comments	
Barrel Horizonal, Bottom of Stock Down: Barrel Horizonal, Bottom of Stock Up: Barrel Horizonal, Left side of Stock Up: Barrel Horizonal, Right side of Stock Up: Barrel Vertical, Muzzle Up: Barrel Vertical, Muzzle Down:	Pass Fail Pass Fail Fail Fail	/ Fites	Primed	
	13.090 11	15		



Firecontrol No.	Firecontrol Type:		Date:	6/16/99
Dry Cycles/Rounds Completed:	Stock TypeSww	En_	gagement at S	tart
Model No. M/7/0 Serial	1 No. XC-1054	Engage.	ment at End	
Trigger Pull at Start of Test (1)	(2)(3)	(4)	(5)	(6)
Average Trigger Pull at Start of Test:	Std. Dev	of Trigge	r Pull at Start	of Test:
Trigger Pull at End of Test (1)	(2)(3)	(4)	(5)	(6)
Average Trigger Pull at End of Test:	Std. Dev.	of Trigger	Pull at End of	Lest:
Ad	Iditional Notes and Cor	nments		
	5 (1 m) 1		Vic. 1873. Royalda 1873. Tarahari	
			The state of the s	
SAAMI Specifications for Star <u>Jar-Off, Test</u> : 42 inchedrop Firearm rea Chamber, M After each d	ANSI / SAAMI 7299.5 ndard Jar-Off Test:	-1990 ameter (Sho " position, F acity with D o verify fire	reA) Rubber M Fresh Primcd (ummy Rounds arm will still J	Лаtt Casc in
98\$7\$P^*			Comments	
Barrel Horizonal, Bottom of Stock Down: Barrel Horizonal, Bottom of Stock Up: Barrel Horizonal, Left side of Stock Up: Barrel Horizonal, Right side of Stock Up: Barrel Vertical, Muzzle Up: Barrel Vertical, Muzzle Down:	Pass Fail	Fired	Prined	C 26 - C

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Project No. 241095
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S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST

Firecontrol No.	Firecontrol Type:		Date	: 6/16/99
Dry Cycles/Rounds Completed:	Stock Type Syl	Eng	gagement at	Start
Model No. M/710 Seria	1 No. XC - 1057	Engager	nent at End	
Trigger Pull at Start of Test (1)				
Average Trigger Pull at Start of Test:	Std. Dev	of Trigger	Pull at Start	of Test:
Trigger Pull at End of Test (1)	(2)(3)	(4)	(5)	(6)
Average Trigger Pull at End of Test:	Std. Dev.	of Trigger F	ull at End o	f Test:
	lditional Notes and Cor	nments		
	State of the state		्राप्त (198 पहिंद्वित	
			.,,	
For additional details on the pr	oper procedures to be a	sed for this	Test Procedi	ure refer to:
Fircarm rea	p - onto 1" thick 85 dure ady to fire,Safe in "Fire	position, F	resh Primed	Case in
Jar-Off Test: 12 inch drop Fircarm red Chamber, 1 After each a	p - onto 1" thick 85 dure ady to fire,Safe in "Fire Magazine loaded to cape drop Fire Primed Case t	' position, Fi acity with Di o verify firea	resh Primed ummy Round rm will still	Case in ls.
Jar-Off Test: 12 inch drop Fircarm red Chamber, 1 After each a	p - onto 1" thick 85 dure ady to fire,Safe in "Fire Magazine loaded to cape	' position, Fi acity with Di o verify firea	resh Primed ummy Rouna rm will still prientation.	Case in ls.
Jar-Off Test: 12 inch drop Fircarm red Chamber, 1 After each a	p - onto 1" thick 85 dure ndy to fire,Safe in "Fire Magazine loaded to cape drop Fire Primed Case to ty in "Fire" position) - o	' position, Fi acity with Di o verify firea	resh Primed ummy Round rm will still	Case in ls.
Jar-Off Test: 12 inch drop Fircarm red Chamber, 1 After each a 12 inch drop (safet Barrel Horizonal, Bottom of Stock Down:	p - onto 1" thick 85 dure dy to fire,Safe in "Fire Magazine loaded to cape drop Fire Primed Case to ty in "Fire" position) - o	' position, Fi acity with Di o verify firea ne drop per d	resh Primed ummy Round rm will still prientation. Comments	Case in ls. function.
Jar-Off Test: 12 inch drop Fircarm red Chamber, 1 After each a	p - onto 1" thick 85 dure day to fire,Safe in "Fire Magazine loaded to cape drop Fire Primed Case to ty in "Fire" position) - o Pass Fail Pass Fail	position, Fincity with Dispersion of the desired for per control of the desired for the desire	resh Primed ummy Round rm will still prientation. Comments	Case in ls. function. Case
Jar-Off Test: 12 inch drop Fircarm rea Chamber, 1 After each a 12 inch drop (safet Barrel Horizonal, Bottom of Stock Down: Barrel Horizonal, Bottom of Stock Up:	p - onto 1" thick 85 dure day to fire,Safe in "Fire Magazine loaded to cape drop Fire Primed Case to ty in "Fire" position) - o Pass Fail Pass Fail Pass Fail	position, Financity with Dispersion of the desired for the des	resh Primed ummy Round rem will still orientation. Comments	Case in ls. function. Case
Jar-Off Test: 12 inch drop Fircarm rea Chamber, 1 After each a 12 inch drop (safet Barrel Horizonal, Bottom of Stock Down: Barrel Horizonal, Bottom of Stock Up: Barrel Horizonal, Left side of Stock Up: Barrel Horizonal, Right side of Stock Up: Barrel Vertical, Muzzle Up:	p - onto 1" thick 85 dure day to fire,Safe in "Fire Magazine loaded to cape drop Fire Primed Case to ty in "Fire" position) - o Pass Fail Pass Fail Pass Fail Pass Fail Pass Fail Fail Fass Fail Fass Fail	position, Finality with Dispersion of the desired	resh Primed ummy Round rem will still orientation. Comments	Case in ls. function.
Jar-Off Test: 12 inch drop Fircarm rea Chamber, 1 After each a 12 inch drop (safet Barrel Horizonal, Bottom of Stock Down: Barrel Horizonal, Bettom of Stock Up: Barrel Horizonal, Left side of Stock Up: Barrel Horizonal, Right side of Stock Up:	p - onto 1" thick 85 dure ondy to fire,Safe in "Fire Magazine loaded to cape drop Fire Primed Case to ty in "Fire" position) - o Pass Fail	position, Finality with Dispersion of the desired	resh Primed ummy Round rem will still orientation. Comments	Case in ls. function.
Jar-Off Test: 12 inch drop Fircarm rea Chamber, 1 After each a 12 inch drop (safet Barrel Horizonal, Bottom of Stock Down: Barrel Horizonal, Bottom of Stock Up: Barrel Horizonal, Left side of Stock Up: Barrel Horizonal, Right side of Stock Up: Barrel Vertical, Muzzle Up:	p - onto 1" thick 85 dure day to fire,Safe in "Fire Magazine loaded to cape drop Fire Primed Case to ty in "Fire" position) - o Pass Fail Pass Fail Pass Fail Pass Fail Pass Fail Fail Fass Fail Fass Fail	position, Finality with Dispersion of the desired	resh Primed ummy Round rem will still orientation. Comments	Case in ls. function.
Jar-Off Test: 12 inch drop Fircarm rea Chamber, 1 After each a 12 inch drop (safet Barrel Horizonal, Bottom of Stock Down: Barrel Horizonal, Bottom of Stock Up: Barrel Horizonal, Left side of Stock Up: Barrel Horizonal, Right side of Stock Up: Barrel Vertical, Muzzle Up:	p - onto 1" thick 85 dure day to fire, Safe in "Fire Magazine loaded to cape drop Fire Primed Case to ty in "Fire" position) - o Pass Fail Pass Fail Pass Fail Pass Fail Pass Fail Fail Fail Fail Fass Fail Fail Fail Fass Fail	position, Fincity with Disposerity with Disposerity fired me drop per conference described.	resh Primed ummy Round rem will still orientation. Comments	Case in ls. function.
Jar-Off Test: 12 inch drop Fircarm rea Chamber, 1 After each a 12 inch drop (safet Barrel Horizonal, Bottom of Stock Down: Barrel Horizonal, Bottom of Stock Up: Barrel Horizonal, Left side of Stock Up: Barrel Horizonal, Right side of Stock Up: Barrel Vertical, Muzzle Up:	p - onto 1" thick 85 dure day to fire,Safe in "Fire Magazine loaded to cape drop Fire Primed Case to ty in "Fire" position) - o Pass Fail Pass Fail Pass Fail Pass Fail Pass Fail Fail Fass Fail Fass Fail	position, Fincity with Disposerity with Disposerity fired me drop per conference described.	resh Primed ummy Round rem will still orientation. Comments	Case in ls. function.
Jar-Off Test: 12 inch drop Fircarm rea Chamber, 1 After each a 12 inch drop (safet Barrel Horizonal, Bottom of Stock Down: Barrel Horizonal, Left side of Stock Up: Barrel Horizonal, Right side of Stock Up: Barrel Vertical, Muzzle Up:	p - onto 1" thick 85 dure day to fire, Safe in "Fire Magazine loaded to cape drop Fire Primed Case to ty in "Fire" position) - o Pass Fail Pass Fail Pass Fail Pass Fail Pass Fail Fail Fail Fail Fass Fail Fail Fail Fass Fail	position, Fincity with Disposerity with Disposerity fired me drop per conference described.	resh Primed ummy Round rem will still orientation. Comments	Case in ls. function.