	TLW <u>1689Y</u>
•	Project No. 241314
S.A.A.M.I. JAR-OFF, DROP &	ROTATION TEST
R-OFF TEST	
econtrol No. A - 8 Firecontrol Type: 57	und 200 Date: 2/14/05
y Cycles/Rounds Completed: Stock Type 3	
gagement at Start (1) .0200 (2) .0200 (3) .02	
gagement at End (1), 0, 9, 9 (2), 0, 93 (3), 0, 9	Average ,0\936
odel No. 7/1 Serial No. 7/2 0279/	12 (4) 2 840 (5) 5)
gger Pull at Start of Test (1) 3,936 (2) 4,164 (3) 4,0 erage Trigger Pull at Start of Test: 4034 Std. Dev. of	of Trigger Pull at Start of Toots
gger Pull at End of Test (1) 4.585 (2) 4.944 (3) 4.5	545 (4) 4.858 (5) 4.964
rerage Trigger Pull at End of Test: 4,767 Std. Dev.	of Trigger Pull at End of Test:
	Tester Initials: <u>ちゅしする</u>
Additional Notes and Com	ments
To a distant distant	
For additional details on the proper procedures to be	· [1] [1] [1] [1] [1] [1] [1] [1] [1] [1]
ANSI/SAAMI Z299	5-1990
SAAMI Specifications for Standard Jar-Off Test:	Total Control of the
Igr-Off Test: 12 inch dian - anto 1" frick & T	urometer (Shore 4) Rubber Matt
<u>Jar-Off Test</u> : 12-inch drop - onto 1" thick & D Eirearm ready to fire, Safe in "Fi	
	re" position, Fresh Primed Case in
Firearm ready to fire, Safe in "Fi Chamber, Magazine loaded to cap	re" position, Fresh Primed Case in
Firearm ready to fire, Safe in "Fi Chamber, Magazine loaded to cap After each drop, fire Primed Case	re" position, Fresh Primed Case in pacity with Dummy Rounds. to verify firearm will still function.
Firearm ready to fire, Safe in "Fi Chamber, Magazine loaded to cap After each drop, fire Primed Case 12 inch drop (safety in "Fire" position) -	re" position, Fresh Primed Case in pacity with Dummy Rounds. to verify firearm will still function. one drop per orientation.
Firearm ready to fire, Safe in "Fi Chamber, Magazine loaded to cap Affer each drop, fire Primed Case 12 mch drop (safety in "Fire" position) - Note: for Firearms with the ISS system installed —	re" position, Fresh Primed Case in pacity with Dummy Rounds. to verify firearm will still function one drop per orientation. The ISS will be set in the unlocked
Firearm ready to fire, Safe in "Fi Chamber, Magazine loaded to cap Affer each drop, fire Primed Case 12 inch drop (safety in "Fire" position) - Note: for Firearms with the ISS system installed — position for all six orientations of	re" position, Fresh Primed Case in pacity with Dummy Rounds. to verify firearm will still function one drop per orientation. The ISS will be set in the unlocked
Firearm ready to fire, Safe in "Fi Chamber, Magazine loaded to cap Affer each drop, fire Primed Case 12 mch drop (safety in "Fire" position) - Note: for Firearms with the ISS system installed —	re" position, Fresh Primed Case in pacity with Dummy Rounds. to verify firearm will still function one drop per orientation. The ISS will be set in the unlocked
Firearm ready to fire, Safe in "Fi Chamber, Magazine loaded to cap Affer each drop, fire Primed Case 12 mch drop (safety in "Fire" position) - Note: for Firearms with the ISS system installed — position for all six orientations of Orientation ISS Unlocked	re" position, Fresh Primed Case in pacity with Dummy Rounds. to verify firearm will still function. one drop per orientation. The ISS will be set in the unlocked of the Jar-Off Test
Firearm ready to fire, Safe in "Fi Chamber, Magazine loaded to cap Affer each drop, fire Primed Case 12 mch drop (safety in "Fire" position) - Note: for Firearms with the ISS system installed - position for all six orientations of Orientation ISS Unlocked	re" position, Fresh Primed Case in pacity with Dummy Rounds. It to verify firearm will still function. I one drop per orientation. The ISS will be set in the unlocked of the Jar-Off Test Comments
Firearm ready to fire, Safe in "Firearm ready to fire Primed Case Affer each drop, fire Primed Case 12 inch drop (safety in "Fire" position) - Note: for Firearms with the ISS system installed - position for all six orientations of Orientation ISS Unlocked Barrel Vertical, Muzzle Up: Pass Fail	re" position, Fresh Primed Case in pacity with Dummy Rounds. to verify firearm will still function one drop per orientation. The ISS will be set in the unlocked of the Jar-Off Test Comments
Firearm ready to fire, Safe in "Fi Chamber, Magazine loaded to cap Affer each drop, fire Primed Case 12 inch drop (safety in "Fire" position) - Note: for Firearms with the ISS system installed - position for all six orientations of Orientation ISS Unlocked Barrel Vertical, Muzzle Up: Pass Fail Pass Fail Fail	re" position, Fresh Primed Case in pacity with Dummy Rounds. to verify firearm will still function one drop per orientation. The ISS will be set in the unlocked of the Jar-Off Test Comments
Firearm ready to fire, Safe in "Fire Chamber, Magazine loaded to cap Affer each drop, fire Primed Case 12 inch drop (safety in "Fire" position) - Note: for Firearms with the ISS system installed position for all six orientations of Orientation Orientation ISS Unlocked Barrel Vertical, Muzzle Up: Pass Fail Barrel Horizontal, Left side of Stock Up: Pass Fail Fail	re" position, Fresh Primed Case in pacity with Dummy Rounds. It to verify firearm will still function. In one drop per orientation. The ISS will be set in the unlocked of the Jar-Off Test Comments
Firearm ready to fire, Safe in "Fi Chamber, Magazine loaded to cap Affer each drop, fire Primed Case Affer each drop, fire Primed Case 12 inch drop (safety in "Fire" position) - Note: for Firearms with the ISS system installed — position for all six orientations of the position of the position for all six orientations of	re" position, Fresh Primed Case in pacity with Dummy Rounds. to verify firearm will still function one drop per orientation. The ISS will be set in the unlocked of the Jar-Off Test Comments
Firearm ready to fire, Safe in "Fire Chamber, Magazine loaded to cap Affer each drop, fire Primed Case Affer each drop, fire Primed Case 12 inch drop (safety in "Fire" position) - Note: for Firearms with the ISS system installed — position for all six orientations of Orientation Orientation ISS Unlocked Barrel Vertical, Muzzle Up: 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 —	re" position, Fresh Primed Case in pacity with Dummy Rounds. to verify firearm will still function one drop per orientation. The ISS will be set in the unlocked of the Jar-Off Test Comments
Firearm ready to fire, Safe in "Fire Chamber, Magazine loaded to cap Affer each drop, fire Primed Case 12 inch drop (safety in "Fire" position) - Note: for Firearms with the ISS system installed — position for all six orientations of the position of all six orientations of the position of the position for all six orientations or position fo	re" position, Fresh Primed Case in pacity with Dummy Rounds. to verify firearm will still function one drop per orientation. The ISS will be set in the unlocked of the Jar-Off Test Comments
Firearm ready to fire, Safe in "Fire Chamber, Magazine loaded to cap Affer each drop, fire Primed Case 12 inch drop (safety in "Fire" position) - Note: for Firearms with the ISS system installed — position for all six orientations of the position of all six orientations of the position of the position for all six orientations or position fo	re" position, Fresh Primed Case in pacity with Dummy Rounds. to verify firearm will still function one drop per orientation. The ISS will be set in the unlocked of the Jar-Off Test Comments

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TLW 1689 2	<u></u>
Project No. 371315	1
30.06 S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST	
	
OTATION TEST	
	1
recontrol No. A-8 Firecontrol Type: Date: 2/14 ry Cycles/Rounds Completed: Stock Type	105
ngagement at Start (1),0301 (2),0197 (3),0305 Average,0301	
ngagement at End (1) .0173 (2) .0163 (3) .0170 Average .01686	
Serial No	
rigger Pull at Start of Test (1) 3,996 (2) 4.038 (3) 3,942 (4) 4.147 (5) 3,991	
verage Trigger Pull at Start of Test: 4.03\ Std. Dev. of Trigger Pull at Start of Test:	
rigger Pull at End of Test (1) 3.533 (2) 3.390 (3) 3.800 (4) 4.059 (5) 4.108	A.2.
verage Trigger Pull at End of Test: 3,836 Std. Dev. of Trigger Pull at End of Test:	13.
Treating of the first of test. 31046 Std. Dov. of trigger thin at this of test.	
Tester Initials: SW/JS	. 3 ,83.
Additional Notes and Comments	200 P
	JGW.
For additional details on the proper procedures to be used for this Test Procedure refer to	o:
ANSI / SAAMI Z299.5-1990	
SAAMI Specifications for Standard Rotation Test:	
Rotation Test: Rest Firearm on the Butt end and allow Firearm to fall	
Drop - onto 1" thick 85 Durometer (Shore A) Rubber Matt	
Drop - onto 1" thick 85 Durometer (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	
in Chamber, magazine touned to capacity with Dunning 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.	
Orientation ISS Unlocked Comments	
Firearm Vertical, Drop so left side of Stock is Up: Pass Fail	
Firearm Vertical, Drop so right side of Stock is Up: Pass Fail	
Notes: (continue on back of sheet if necessary)	
Troibs. (Estimate on back by sincer y necessary)	
Tester's Initials S W/3 S	
•	Page 2 of 3
Z101\DROPTES	REV5.DOC

TLW 1689 AA

Project No. 241314

3 5.06 S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST
DROP TEST
Firecontrol No. A - 8 Firecontrol Type: Date: 3/15/65
Dry Cycles/Rounds Completed: Stock Type Engagement at Start
Engagement at Start (1) , 0 3 0 4 (2) , 0 3 9 8 (3) , 0 3 0 8 Average , 0 2 0 3 3
Engagement at End (1) .0320 (2) .0224 (3) .0219 Average .03206
Model No Serial No Engagement at End
Trigger Pull at Start of Test (1) 4,132 (2) 4,165 (3) 3,969 (4) 3,834 (5) 3,969
Average Trigger Pull at Start of Test: \(\frac{1}{2}\) \(\frac
Trigger Pull at End of Test (1) 3,877 (2) 3,991 (3) 3,958 (4) 3.944 (5) 4.209 Average Trigger Pull at End of Test: 3.996 Std. Dev. of Trigger Pull at End of Test:
Tester Initials: 5 w / 7 5
Additional Notes and Comments
83.
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 Drop Test:
<u>Drop Test:</u> 48-inch drop - onto 1" thick 83 Durometer (Shore A) Rubber Matt
Eirearm not ready to five, 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: far 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 Fail 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 Broken Tang +
Barrel Horizontal, Bottom of Stock Up: Pass Fail
Barrel Horizontal, Bottom of Stock Down: Pass Fail
Notes: (continue on back of sheet if necessary)
Brokentang Right side wy
Page 3 of 3
Z101\DROPTEST_REV5.DOC

ET22260

				TLW 1689 AA
				Project No. 341314
0.06 S.	A.A.M.I. JA	R-OFF,	DROP &	ROTATION TEST
OP TEST				
control No. A-8	Fi	recontrol 7	Гуре:	Date: 2/32/05
Cycles/Rounds Complet				Engagement at Start
gagement at Start (1) .0				
gagement at End (1) 0				
del No.	Serial No.		•	Engagement at End
gger Pull at Start of Test	(1) <u>3.998</u>	(2) <u>H.0</u> {	<u> १८ (३) ५.०</u>	02 (4) 4.104 (5) 4.105
rage Trigger Pull at Start	t of Test:	1.059	Std. Dev. o	f Trigger Pull at Start of Test:
				172 (4) 4,254 (5) 4.353
erage Irigger Pull at End	of lest: \underline{H}_{ι}	<u>474</u>	_ Sta. Dev.	of Trigger Pull at End of Test: Tester Initials: Sw/JS
	Addi	tional Not	tes and Com	
Arphred In	tors			83.
				
For additional de	etails on the pi	roper proc	edures to h	used for this Test Procedure refer to:
1 07 dada 110 1101 dre		_	3.6 Apr	18 18 18 18 18 18 18 18 18 18 18 18 18 1
:		ANSI/S/	AAMI Z299.	5-1990
	SAAMI S	pecification	ons for Stan	dard Drop Test:
Drop Test:	18 leach des	n = dento 1	" thick 25 T	urometer (Shore A) Rubber Matt
Drop rest.				"Safe" position, Fresh Primed Case
99 34,				capacity with Dummy Rounds.
90 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	After each c	drop Fire	Primed Case	to verify firearm will still function.
103	ach defin (safa	- tu in "Safe	" nosition).	one drop per orientation.
	4072			
Note: for Fire	earms with the	ISS system	<u>m installed -</u>	- The Firearms will be set with the
7856	m in the unloc	ked positi	on for all si	x orientations of the Drop Test
ISS system				
<u>ISS system</u> Orientation		Unlocked	i	Comments
22	ISS			_
Orientation	ISS	Pass	Fail	Comments
Orientation Barrel Vertical, Muzzle Up	ISS or :	Pass	Fail Fail	Comments
Orientation Barrel Vertical, Muzzle Up Barrel Vertical, Muzzle Do	ISS oven: e of Stock Up:	Pass Pass	Fail Fail Fail	Comments
Orientation Barrel Vertical, Muzzle Up Barrel Vertical, Muzzle Do Barrel Horizontal, Left side	ISS over the control of the control	Pass Pass	Fail Fail Fail	Comments
Orientation Barrel Vertical, Muzzle Up Barrel Vertical, Muzzle Do Barrel Horizontal, Left side Barrel Horizontal, Right side Barrel Horizontal, Bottom	ISS over: e of Stock Up: de of Stock Up: of Stock Up:	Pass Pass Pass Pass	Fail Fail Fail Fail	Comments
Orientation Barrel Vertical, Muzzle Up Barrel Vertical, Muzzle Do Barrel Horizontal, Left side Barrel Horizontal, Right side Barrel Horizontal, Bottom Barrel Horizontal, Bottom Notes: (continue on back of si	ISS oven: e of Stock Up: de of Stock Up: of Stock Up: of Stock Down: theet if necessary)	Pass Pass Pass Pass Pass	Fail Fail Fail Fail Fail	Broken Tang
Orientation Barrel Vertical, Muzzle Up Barrel Vertical, Muzzle Do Barrel Horizontal, Left side Barrel Horizontal, Right side Barrel Horizontal, Bottom Barrel Horizontal, Bottom Notes: (continue on back of si	ISS oven: e of Stock Up: de of Stock Up: of Stock Up: of Stock Down: theet if necessary)	Pass Pass Pass Pass Pass	Fail Fail Fail Fail Fail	Broken Tang
Orientation Barrel Vertical, Muzzle Up Barrel Vertical, Muzzle Do Barrel Horizontal, Left side Barrel Horizontal, Right side Barrel Horizontal, Bottom Barrel Horizontal, Bottom Notes: (continue on back of si	ISS oven: e of Stock Up: de of Stock Up: of Stock Up: of Stock Down: theet if necessary)	Pass Pass Pass Pass Pass	Fail Fail Fail Fail Fail	Broken Tang

ET22261

TLW	AAP8 JI
Project No	741314

<u>_</u>	SAAMIJA	R-OFF D	ROP & R	OTATION TEST
		11.011,6	NOI WIN	OTATION TEST
	P TEST			
Firec	ontrol No. A - 8 Fi	recontrol Ty	ype:	Date: <u>ラ/ みみ/ 0 S</u> Engagement at Start
Dry C	Cycles/Rounds Completed:	Stock 7	`ype	Engagement at Start
Enga	gement at Start (1) 0000 (2)	3 400 (3)	0.000	Average ,0000
Enga; Mada	gement at End (1) 0200 (2)	3.	2010.0	Average01983
Moue Trian	el No. Serial No. er Pull at Start of Test (1)4.515	(2) W. 05((3) F1 VO	Engagement at End
Aver	age Trigger Pull at Start of Test:	033	Std. Dev. of	Trigger Pull at Start of Test:
Trigg	er Pull at End of Test (1) H. 354	(2) 4.33	0 (3) 4.4	13 (4) 4.104 (5) 4.394
Aver	age Trigger Pull at End of Test:	323	Std. Dev. of	Trigger Pull at End of Test:
	-			Tester Initials: <u>SW/JS</u>
	Addi		s and Comm	38°38) (188 I
	Replaced Insert			
				
	<u> </u>		. જો	
	For additional details on the p	roper proce	dures to be i	used for this Test Procedure refer to:
	:	ANSI / SA	AMI Z299.5	-1990
		100 (100 (100 (100 (100 (100 (100 (100	· Section Profession	ard Drop Test:
	ŘÝ w		- Maria da	rometer (Shore A) Rubber Matt
				Safe" position, Fresh Primed Case
				apacity with Dummy Rounds.
				to verify firearm will still function.
				one drop per orientation.
it			_	
	Note: for Firearms with the	ISS system	installed –	The Firearms will be set with the
s.	ISS system in the unloc	ked positio	n for all six	orientations of the Drop Test
() (<u>)</u> (ار) (ار)	Orientation ISS	Unlocked		Comments
3:15 E 7 7			_	
	Barrel Vertical, Muzzle Up:	Pass	Fail	
	Barrel Vertical, Muzzle Up: Barrel Vertical, Muzzle Down:	Pass	Fail	,
		Pass	Fail	
	Barrel Vertical, Muzzle Down:	Pass	Fail	
	Barrel Vertical, Muzzle Down: Barrel Horizontal, Left side of Stock Up:	Pass Pass	Fail Fail Fail	
	Barrel Vertical, Muzzle Down: Barrel Horizontal, Left side of Stock Up: Barrel Horizontal, Right side of Stock Up:	Pass Pass Pass	Fail Fail Fail Fail	
	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 Pass Pass	Fail Fail Fail Fail	
	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 Down:	Pass Pass Pass	Fail Fail Fail Fail Fail Fail	
	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 Down: Notes: (continue on back of sheet if necessary)	Pass Pass Pass	Fail Fail Fail Fail Fail Fail	
	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 Down: Notes: (continue on back of sheet if necessary)	Pass Pass Pass	Fail Fail Fail Fail Fail Fail	
************************************	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 Down: Notes: (continue on back of sheet if necessary)	Pass Pass Pass	Fail Fail Fail Fail Fail Fail	