		TLW 1407N	_
		Project No. 241314	_
S.A.A.M.I. JAR-	OFF, DROP & ROT	ATION TEST	
,			
Dry Cycles/Rounds Completed: Engagement at Start (1) .035/2 (2) .0 Engagement at End (1) .03/5 2 (2) .0	357 (3) 10253	Average 103576	5/64
Model No. 10 Serial No. Trigger Pull at Start of Test (1) 4, 453 (2) Average Trigger Pull at Start of Test: 4.5 Trigger Pull at End of Test (1) 4.393 (2) Average Trigger Pull at End of Test: 4.5 Addition	<u> </u>	gger Pull at Start of Test: (4) リットリー (5) リッション gger Pull at End of Test: Tester Initials:	
	743		83
SAAMI Specifications for Stand <u>Jar-Off Test:</u> 12-inch drop - d Firearm ready t Chamber, Maga After each drop	SI / SAAMI Z299 5-199 urd Jar-Off Test: nto I'' thick 85 Durome ofire, Safe in "Fire" po zine loaded to capacity	Beter (Shore A) Rubber Matt esition, Fresh Primed Case in with Dummy Rounds. wify firearm will still function.	·
Notes for Firearms with the ISS			
22	six orientations of the J		ł
Barrel Vertical, Muzzle Up: 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 Barrel Horizontal, Bottom of Stock Down: Notes: (continue on back of sheet if necessary)	Fail	Comments	_
Passed (PMZ)			
		Tester's Initials Ju/Sw	
•		Paç Z101\DROPTEST_RE	ge 1 of 3 V5.DOC

ET21133

TLW_14070
Project No. 241314
S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST
OTATION TEST
Firecontrol No. A 31 Firecontrol Type: S+3. Date: \$/34/04 VCycles/Rounds Completed: Stock Type SyA gagement at Start (1).0353. (2).0353. (3).0353. Average .03533. Average .03533. Average .03534. Segment at End (1).0353. (2).0353. (3).0353. Average .03534. Average .03534
"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)
Tester's Initials 5 W
Page 2 of 3 Z101\DROPTEST_REV5.DOC

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ET21134

Control No. A 31 Firecontrol Type: S+3. Date: 2/24/04 Cycles/Rounds Completed: Stock Type Syn Engagement at Start agement at Start (1),0353 (2),0353 (3),0352 Average 03536 agement at End (1),0353 (2),0354 (3),0352 Average 03536 del No. 710 Serial No. 7147072 Engagement at End ager Pull at Start of Test (1) 4.598 (2)4.518 (3) 4.560 (4) 4.539 (5) 4.485 arage Trigger Pull at Start of Test: 4.538 Std. Dev. of Trigger Pull at Start of Test: ager Pull at End of Test (1)4.595 (2)4.543 (3)4.591 (4)4.573 (5)4.633		Project No. 24(3)4
Cycles/Rounds Completed: Stock Type SyA Engagement at Start agement at Start (1) _0253 (2) _0253 (3) _0253 A verage _0253 L agement at End (1) _0252 (2) _0254 (3) _0252 A verage _0253 L agement at End (1) _0252 (2) _0254 (3) _0252 A verage _0253 L agement at End (1) _0252 (2) _0254 (3) _0252 A verage _0253 L agement at End (1) _0252 (2) _0254 (3) _0252 A verage _0252 L Engagement at End gger Pull at Start of Test (1) _0259 (2) _0254 (3) _0254 (4) _0529 (3) _0348 (5) Engagement at End gger Pull at End of Test: _0255 _0245 (3) _0254 (4) _0252 (3) _0254 (4) _0252 (3) _0254 (4) _0252 (3) _0254 (4) _0252	S.A.A.M.I. J	AR-OFF, DROP & ROTATION TEST
Cycles/Rounds Completed: Stock Type 54A Engagement at Start agement at Start (1) 103 53 (2) 103 53 (3) 103 53 Average 103 53 Lagement at End (1) 103 53 (2) 103 54 (3) 103 53 Average 103 53 Lagement at End (1) 103 53 (2) 103 54 (3) 103 53 Average 103 53 Lagement at End (1) 103 53 (2) 103 54 (3) 103 53 Average 103 53 Lagement at End (1) 103 53 (2) 103 54 (3) 103 55 Average 103 53 Lager Pull at Start of Test (1) 103 50 (2) 103 54 (3) 103 55 Lager Pull at Start of Test (1) 103 50 (2) 103 54 (3) 103 55 Lager Pull at Start of Test (1) 104 50 (2) 105 Lager Pull at End of Test (1) 104 50 (2) 105 Lager Pull at End of Test (1) 104 50 (2) 105 Lager Pull at End of Test (1) 104 50 (2) 105 Lager Pull at End of Test (1) 104 50 (2) 105 Lager Pull at End of Test (1) 104 50 (2) 105 Lager Pull at End of Test (1) 104 50 (2) 105 Lager Pull at End of Test (1) 104 50 (2) 105 Lager Pull at End of Test (1) 104 50 (2) 105 Lager Pull at End of Test (1) 104 50 (2) 105 Lager Pull at End of Test (1) 104 50 (2) 105 Lager Pull at End of Test (1) 104 50 (2) 105 Lager Pull at End of Test (1) 105 Lager Pull at E	OP TEST	
gger Pull at Start of Test (1) \(\)	Cycles/Rounds Completed: gagement at Start (1),0353 (2), gagement at End (1),0353 (2)	Stock Type 5 A Engagement at Start
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: Pieter motion free 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. 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 / 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 Up: Pass / Fail Barrel Horizontal, Bottom 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 Up: Pass / Fail Barrel Horizontal, Bottom 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 Up: Pass / Fail Barrel Horizontal, Bottom 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 Up: Pass / Fail Barrel Horizontal, Bottom 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 Up: Pass / Fail		
For additional details on the proper procedures to be used for this Test Procedure refer to: ANSI / SAAMI 7299.5-1996 SAAMI Specifications for Standard Drop Test: Drop Test: 48. with drop - onto 1" thick 85 Durometer (Shore A) Rubber Matt Fixearm not ready to fire. Safe in "Safe" position, Fresh Primed Case in Stamber, 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 / 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 Barrel Horizontal, Bottom of Stock Down: Pass / Fail Barrel Horizontal, Bottom of Stock Down: Pass / Fail	erage Trigger Pull at Start of Test:	Std. Dev. of Trigger Pull at Start of Test:
Additional Notes and Comments For additional details on the proper procedures to be used for this Test Procedure refer to: ANSI/SAAMI Specifications for Standard Drop Test: Drop Test: 48 such drop - onto 1" thick 85 Durometer (Shore A) Rubber Matt Fivearm not ready to first, Safe in "Safe" position, Fresh Primed Case in Stamber, Magazine loaded to capacity with Dummy Rounds. After each drop Fire Primed Case to verify firearm will still function. 48 inet 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 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		
For additional details on the proper procedures to be used for this Test Procedure refer to: ANSI / SAAMI 7299.5-1996 SAAMI Specifications for Standard Drop Test: Drop Test: 48. with drop. onto 1" theek 85 Durometer (Shore A) Rubber Matt Fixearm not ready to fire. Safe in "Safe" position, Fresh Primed Case in Stamber, 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 / 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 Barrel Horizontal, Bottom of Stock Down: Pass / Fail Barrel Horizontal, Bottom of Stock Down: Pass / Fail	erage Ingger Pull at End of Test: 4.	
ANSI / SAAMI 7299 5-1990 SAAMI Specifications for Standard Drop Test: Drop Test: 48 First drop onto 1" thick 85 Durometer (Shore A) Rubber Matt Fivearment ready to first. 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 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 Barrel Horizontal, Bottom of Stock Down: Pass Fail Barrel Horizontal, Bottom of Stock Down: Pass Fail	Add	
ANSI / SAAMI 7299 5-1990 SAAMI Specifications for Standard Drop Test: Drop Test: 48-inch drop - onto 1" thick 85 Durometer (Shore A) Rubber Matt Fivearm 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 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 Barrel Horizontal, Bottom of Stock Down: Pass Fail Barrel Horizontal, Bottom of Stock Down: Pass Fail		
Barrel Vertical, Muzzle Up: Barrel Vertical, Muzzle Down: Pass	SAAMI	ANSI / SAAMI Z299 5-1990 Specifications for Standard Drop Test:
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 Barrel Horizontal, Bottom of Stock Down: Pass Fail	in Cli ambe After each 48 inch drop (safe <u>Note for Firearms with the</u>	er, Magazine loaded to capacity with Dummy Rounds. drop Fire Primed Case to verify firearm will still function. ety in "Safe" position) - one drop per orientation. see ISS system installed – The Firearms will be set with the
Barrel Horizontal, Left side of Stock Up: Pass V Fail Barrel Horizontal, Right side of Stock Up: Pass V Fail Barrel Horizontal, Bottom of Stock Up: Pass V Fail Barrel Horizontal, Bottom of Stock Down: Pass V Fail	in Ch ambe After each 48 inch drop (safe <u>Note</u> for Firearms with the <u>ISS system in the unlor</u>	er, Magazine loaded to capacity with Dummy Rounds. drop Fire Primed Case to verify firearm will still function. ety in "Safe" position) - one drop per orientation. see ISS system installed – The Firearms will be set with the secked position for all six orientations of the Drop Test
Barrel Horizontal, Right side of Stock Up: Pass V Fail Barrel Horizontal, Bottom of Stock Up: Pass V Fail Barrel Horizontal, Bottom of Stock Down: Pass V Fail	in Chambe. After each 48 inch drop (safe Note: for Firearms with the ISS system in the unloc	er, Magazine loaded to capacity with Dummy Rounds. drop Fire Primed Case to verify firearm will still function. ety in "Safe" position) - one drop per orientation. et ISS system installed - The Firearms will be set with the ecked position for all six orientations of the Drop Test S Unlocked Comments Pass Fail
Barrel Horizontal, Bottom of Stock Up: Pass V Fail BENT Scope Barrel Horizontal, Bottom of Stock Down: Pass V Fail	in Chambe. After each 48 inch drop (safe Note for Firearms with the ISS system in the unloc Orientation ISS Barrel Vertical, Muzzle Up:	er, Magazine loaded to capacity with Dummy Rounds. drop Fire Primed Case to verify firearm will still function. ety in "Safe" position) - one drop per orientation. et ISS system installed - The Firearms will be set with the ecked position for all six orientations of the Drop Test S Unlocked Comments Pass Fail
Barrel Horizontal, Bottom of Stock Down: Pass	in Chambe. After each 48 inch drop (safe Note for Firearms with the ISS system in the unlow Orientation ISS Barrel Vertical, Muzzle Up: Barrel Vertical, Muzzle Down:	er, Magazine loaded to capacity with Dummy Rounds. drop Fire Primed Case to verify firearm will still function. ety in "Safe" position) - one drop per orientation. see ISS system installed - The Firearms will be set with the secked position for all six orientations of the Drop Test S Unlocked Pass Fail Pass Fail Fail
	in Chamber After each 48 inch drop (safe Note for Firearms with the ISS system in the unloc Orientation ISS Barrel Vertical, Muzzle Up: Barrel Vertical, Muzzle Down: Barrel Horizontal, Left side of Stock Up:	er, Magazine loaded to capacity with Dummy Rounds. drop Fire Primed Case to verify firearm will still function. ety in "Safe" position) - one drop per orientation. et ISS system installed - The Firearms will be set with the ecked position for all six orientations of the Drop Test S Unlocked Comments Pass Fail Pass Fail Pass Fail Pass Fail
Notes: (continue on back of sheet if necessary)	in Chamber After each 48 inch drop (safe Note for Firearms with the ISS system in the unloc Orientation ISS Barrel Vertical, Muzzle Up: Barrel Vertical, Muzzle Down: Barrel Horizontal, Left side of Stock Up: Barrel Horizontal, Right side of Stock Up:	er, Magazine loaded to capacity with Dummy Rounds. drop Fire Primed Case to verify firearm will still function. ety in "Safe" position) - one drop per orientation. et ISS system installed — The Firearms will be set with the exceed position for all six orientations of the Drop Test S Unlocked Comments Pass Fail Pass Fail
	In Chamber After each 48 inch drop (safe Note for Firearms with the ISS system in the unlow Orientation ISS 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:	er, Magazine loaded to capacity with Dummy Rounds. drop Fire Primed Case to verify firearm will still function. ety in "Safe" position) - one drop per orientation. et ISS system installed — The Firearms will be set with the exceed position for all six orientations of the Drop Test S Unlocked Comments Pass Fail Pass Fail
	In Chamber After each 48 inch drop (safe Note for Firearms with the ISS system in the unloc Orientation ISS Barrel Vertical, Muzzle Up: Barrel Vertical, Muzzle Down: Barrel Horizontal, Left side of Stock Up: Barrel Horizontal, Bottom of Stock Up: Barrel Horizontal, Bottom of Stock Down:	er, Magazine loaded to capacity with Dummy Rounds. drop Fire Primed Case to verify firearm will still function. ety in "Safe" position) - one drop per orientation. et ISS system installed — The Firearms will be set with the exceed position for all six orientations of the Drop Test S Unlocked Comments Pass Fail Pass Fail

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