TLW 1407N	
Project No. 241314	
S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST]
	_
Firecontrol No. A 3\ Firecontrol Type: Std. Date: 02/23/04	
Firecontrol No. A 3\ Firecontrol Type: Std. Date: 02/23/04 Dry Cycles/Rounds Completed: Stock Type Syn	
Engagement at Start (1) .035/2 (2) .0353 (3) .0353 Average .03536	
Engagement at End (1) .0352 (2) .0352 (3) .0353 Average .03533	
Model No	
Average Trigger Pull at Start of Test: 4.533 Std. Dev. of Trigger Pull at Start of Test:	
Trigger Pull at End of Fest (1) 4.393 (2) 4.499 (3) 4.637 (4) 4.496 (5) 4.517	
Average Trigger Pull at End of Test: 4.508 Std. Dev. of Trigger Pull at End of Test:	
Additional Notes and Comments Tester Initials: 50 30 30 30 30 30 30 30	
83	
]
	1
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 Durometer (Shore A) Rubber Matt	1
Firearm ready to fire, Sefe 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.	1
Note for Firearms with the ISS system installed – The ISS will be set in the unlocked	ı
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 V Fail	
Barrel Horizontal, Left side of Stock Up: Pass Fail	+-
Barrel Horizontal, Right side of Stock Up: Pass Fail	1
Barrel Horizontal, Bottom of Stock Up: Pass V Fail	
Barrel Horizontal, Bottom of Stock Down: Pass Fail	1
Notes: (continue on back of sheet if necessary)	
Passed (PIA)	
7	1
Tester's Initials TW / SW	
Page 1 of 3	
Z101\DROPTEST_REV5.DOC	

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ET21142

TLW 14070
Project No. 241314
S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST
ROTATION TEST
Firecontrol No. A 31 Firecontrol Type: S+A. Date: 1/34/04 Dry Cycles/Rounds Completed: Stock Type SyA Engagement at Start (1) .0353 (2) .0353 (3) .0353 Average .03533 Engagement at End (1) .0353 (2) .0353 (3) .0353 Average .03534 Model No. No Serial No Til47072 Trigger Pull at Start of Test (1) 4.343 (2) 4.444 (3) 4.437 (4) 4.446 (5) 4.517 Average Trigger Pull at Start of Test: 4.508 Std. Dev. of Trigger Pull at Start of Test: Trigger Pull at End of Test: 4.353 Std. Dev. of Trigger Pull at End of Test: 4.353 Std. Dev. of Trigger Pull at End of Test: 4.353 Average Trigger Pull at End of Test: 4.353 Std. Dev. of Trigger Pull at End of Test: 4.353 Additional Notes and Comments For additional details on the proper procedures to be used for this Test Procedure refer to: ANSI/SAAMI Z259.5-1990 SAAMI Specifications for Standard Rotation Test: Rest Firearm on the Butt end and allow Firearm to fall 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. 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)
Tester's Initials S
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ET21143

•	TLW 1407P
	Project No. 24(314
S.A.A.M.I. JAR-OF	F, DROP & ROTATION TEST
OP TEST	al Times SVV
	rol Type: Stat. Date: 3/34/04
gagement at Start (1),0353 (2),0353	ock Type Syn Engagement at Start
gagement at Start (1) 0.553 (2) 0.055	
	TINATOTA Engagement at End
gger Pull at Start of Test (1) W, 598 (2) W	.518 (3) 4.560 (4) 4.529 (5) 4.485
erage Trigger Pull at Start of Test: 4,539	Std. Dev. of Trigger Pull at Start of Test:
gger Pull at End of Test (1) 4.595 (2) 4.	.542 (3) 4.591 (4) 4.572 (5) 4.623
erage Trigger Pull at End of Test: 4.585	Std. Dev. of Trigger Pull at End of Test:
	Tester Initials: 3 W
Additional 2	Notes and Comments
	
12 1 114 1 7 1	
r or additional details on the proper p	procedures to be used for this Test Procedure refer to:
	procedures to be used for this Test Procedure refer to: SAAMI Z299,5 1990
ANSI /	SAAMI Z299,5-1990
ANSI / SAAMI Specific	SAAMI Z299,5 1990 ations for Standard Drop Test:
ANSI / SAAMI Specific Drop Test: 48-inch drop - onic	SAAMI Z299,5 1990 sations for Standard Drop Test: o 1" thick 85 Durometer (Shore A) Rubber Matt
ANSI (SAAMI Specific SAAMI Specific Drop Test: 48-inch drop - onto Fixearmnot ready	SAAMI Z299,5-1990 cations for Standard Drop Test: o 1" thick 85 Durometer (Shore A) Rubber Matt yo fire, Safe in "Safe" position, Fresh Primed Case
ANSI / SAAMI Specific Drop Test: 48-inch drop - onto Fixearm not ready in Chamber, Maga	SAAMI Z299,5-1990 eations for Standard Drop Test: o 1" thick 85 Durometer (Shore A) Rubber Matt to fire, Safe in "Safe" position, Fresh Primed Case izine loaded to capacity with Dummy Rounds.
ANSI / SAAMI Specific Drop Test: 48-inch drop - onto Fixearm not ready in Chamber, Magd After each drop Fir	SAAMI Z299,5-1990 cations for Standard Drop Test: to 1" thick 85 Durometer (Shore A) Rubber Matt to fire, Safe in "Safe" position, Fresh Primed Case izine loaded to capacity with Dummy Rounds. The Primed Case to verify firearm will still function.
ANSI / SAAMI Specific Drop Test: 48-inch drop - onto Fixearm not ready in Chamber, Magd After each drop Fir	SAAMI Z299,5-1990 eations for Standard Drop Test: o 1" thick 85 Durometer (Shore A) Rubber Matt to fire, Safe in "Safe" position, Fresh Primed Case izine loaded to capacity with Dummy Rounds.
ANSI / SAAMI Specific Drop Test: 48-inch drop - onto Fixearmanot ready in Chamber, Maga After each drop Fix	ASAAMI Z299,5-1990 Eation's for Standard Drop Test: Thick 85 Durometer (Shore A) Rubber Matt Thick 85 Durometer (Shore A) Rubber Matter Thick 85 Durometer (Shore A) Rubber Matter Thick 85 Durom
ANSI / SAAMI Specific Drop Test: 48-inch drop - onto Fixearm not ready in Chamber, Magd After each drop Fix 48 inch drop (safety in "S Note for Firearms with the ISS sys	(SAAMI Z299,5-1990) cations for Standard Drop Test: to 1" thick 85 Durometer (Shore A) Rubber Matt to fire, Safe in "Safe" position, Fresh Primed Case description loaded to capacity with Dummy Rounds. re Primed Case to verify firearm will still function. Safe" position) - one drop per orientation. stem installed – The Firearms will be set with the
ANSI / SAAMI Specific Drop Test: 48-inch drop - onto Fixearm not ready in Ghamber, Magd After each drop Fix 48 inch drop (safety in "S Note for Firearms with the ISS sys	SAAMI Z299,5-1990 cations for Standard Drop Test: to 1" thick 85 Durometer (Shore A) Rubber Matt to fire, Safe in "Safe" position, Fresh Primed Case izine loaded to capacity with Dummy Rounds. re Primed Case to verify firearm will still function. Safe" position) - one drop per orientation. stem installed – The Firearms will be set with the sition for all six orientations of the Drop Test
ANSI (SAAMI Specific. Drop Test: 48-inch drop - onto Fixearm not ready in Chamber, Magd After each drop Fix 48 inch drop (safety in "S Note for Firearms with the ISS system in the unlocked pos	(SAAMI Z299,3-1990) cations for Standard Drop Test: to 1" thick 85 Durometer (Shore A) Rubber Matt to fixe, Safe in "Safe" position, Fresh Primed Case izine loaded to capacity with Dummy Rounds. tre Primed Case to verify firearm will still function. Safe" position) - one drop per orientation. stem installed – The Firearms will be set with the sition for all six orientations of the Drop Test ked Comments
ANSI / SAAMI Specific Drop Test: 48-inch drop - onto Fixearmnot ready in Ghamber, Maga After each drop Fix 48 inch drop (safety in "S Note for Firearms with the ISS sys ISS system in the unlocked pos Orientation ISS Unlock Barrel Vertical, Muzzle Up: Pass	ASAAMI Z299,5-1990 cations for Standard Drop Test: to 1" thick 85 Durometer (Shore A) Rubber Matt to fire, Safe in "Safe" position, Fresh Primed Case izine loaded to capacity with Dummy Rounds. tre Primed Case to verify firearm will still function. Safe" position) - one drop per orientation. stem installed – The Firearms will be set with the sition for all six orientations of the Drop Test ked Comments
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ANSI / SAAMI Specific Drop Test: 48-inch drop - onto Fixearmnot ready in Ghamber, Maga After each drop Fix 48 inch drop (safety in "S Note for Firearms with the ISS sys ISS system in the unlocked pos Orientation ISS Unlock Barrel Vertical, Muzzle Up: Pass	ASAAMI Z299,5-1990 cations for Standard Drop Test: to 1" thick 85 Durometer (Shore A) Rubber Matt to fire, Safe in "Safe" position, Fresh Primed Case izine loaded to capacity with Dummy Rounds. tre Primed Case to verify firearm will still function. Safe" position) - one drop per orientation. stem installed – The Firearms will be set with the sition for all six orientations of the Drop Test ked Comments
ANSI (SAAMI Specific. Drop Test: 48-inch drop - onto Fixearm not ready in Chamber, Magd After each drop Fix 48 inch drop (safety in "S Note for Firearms with the ISS sys ISS system in the unlocked pos Orientation ISS Unlock Barrel Vertical, Muzzle Up: Pass Barrel Vertical, Muzzle Down: Pass	ASAAMI Z299,5-1990 Fations for Standard Drop Test: Thick 85 Durometer (Shore A) Rubber Matt Sto fire, Safe in "Safe" position, Fresh Primed Case Thick 85 Durometer (Shore A) Rubber Matt Store Primed Case in "Safe" position, Fresh Primed Case The Primed Case to verify firearm will still function. The Primed Case to verify firearm will still function. The Primed Case in the Still function. The Pr
ANSI Specific SAAMI Specific Drop Test: 48-inch drop - onto Fixearmnot ready in Chamber, Maga After each drop Fix 48 inch drop (safety in "S Note for Firearms with the ISS sys ISS system in the unlocked pos Orientation ISS Unlock Barrel Vertical, Muzzle Up: Pass Barrel Vertical, Muzzle Down: Pass Barrel Horizontal, Left side of Stock Up: Pass	ASAAMI Z299,5-1990 **rations for Standard Drop Test: **o 1" thick 85 Durometer (Shore A) Rubber Matt **sto fire, Safe in "Safe" position, Fresh Primed Case **izine loaded to capacity with Dummy Rounds. **re Primed Case to verify firearm will still function. **Safe" position) - one drop per orientation. **stem installed – The Firearms will be set with the **sition for all six orientations of the Drop Test **ked Comments* Fail Fail Fail Fail Fail Fail Fail
ANSI Specific. SAAMI Specific. Drop Test: 48-inch drop - onto Fixearm not ready in Chamber, Maga After each drop Fixearms with the ISS system in the unlocked post of the Union ISS Unlock Barrel Vertical, Muzzle Up: Pass Barrel Horizontal, Left side of Stock Up: Pass Barrel Horizontal, Right side of Stock Up: Pass Barrel Horizontal, Right side of Stock Up: Pass	ASAAMI Z299,5-1990 Fations for Standard Drop Test: Thick 85 Durometer (Shore A) Rubber Matt Sto fire, Safe in "Safe" position, Fresh Primed Case Thick 85 Durometer (Shore A) Rubber Matt Store Primed Case in "Safe" position, Fresh Primed Case The Primed Case to verify firearm will still function. The Primed Case to verify firearm will still function. The Primed Case in the Still function. The Pr

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