S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST Sirecontrol No. A-5 Firecontrol Type: Standard Date: 12-9-9 Dry Cycles/Rounds Completed: Stock Type SYAJ Engagement at Start (1) Dell (2) Dell (3) Dell Average Dell Average Dell (2) Dell (2) Dell (3) Dell (4) Average Dell (4) Dell (3
S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST AR-OFF TEST irecontrol No. A-5 Firecontrol Type: \$\frac{1}{2} \tau da \to d \to Date: 12-9-00 ry Cycles/Rounds Completed: Stock Type \$\frac{5}{4} \to da \to d \to Date: 12-9-00 ngagement at Start (1) \to 00 (2) \to 02\to 4 (3) \to 02\to 1 \to Average \to 02\to 2 ngagement at End (1) \to 07\to 2 \to 0.79 (3) \to 07\to 1 \to 07\to 4 \to 17\to 10 lodel No. \to 17/10 \to Serial No. \to 7/14/45\to 1 \to 17\to 10 rigger Pull at Start of Test (1) \to 0.3\to 1/2 \to 0.5\to 3 \to 1/2 \to 1/2\to 5\to 3 \to 97\to 10 verage Trigger Pull at Start of Test: \to 1/2 \to 7/3 \to 5 \to 1/2\to 1/2\to 5 \to 3/2\to 1/2\to 5 \to 1/2\to 5/3 \to 1/2\to 1/2\to 5/3\to 1/2\to 1/2\to 1/2\to 5/3\to 1/2\to 1/2\to 1/2\to 5/3\to 1/2\to 1/	3
Firecontrol No. A-5 Firecontrol Type: Standard Date: /2-9-0 ry Cycles/Rounds Completed: Stock Type SYN ngagement at Start (1)	3
Firecontrol No. A-5 Firecontrol Type: Standard Date: 12-9-0 Try Cycles/Rounds Completed: Stock Type SYAJ Ingagement at Start (1)	83
ry Cycles/Rounds Completed: Stock Type SYN ngagement at Start (1)	33
ngagement at Start (1)	83
Ingagement at End (1)	83
rigger Pull at Start of Test (1) 4.034 (2) 4.058 (3) 4.135 (4) 4.185 (5) 3.976 verage Trigger Pull at Start of Test: 4.078 Std. Dev. of Trigger Pull at Start of Test: rigger Pull at End of Test (1) 3.974 (2) 3.995 (3) 3.950 (4) 4.125 (5) 3.972 verage Trigger Pull at End of Test: 3.983 Std. Dev. of Trigger Pull at End of Test: Tester Initials: 1.2785 Additional Notes and Comments For additional details on the proper procedures to be used for this Test Procedure refer to: ANSI/SAAMI 7299.5-1990. SAAMI Specifications for Standard Jar-Off Test: 12-inch drap - anto 1 Thick 85 Durometer (Shore A) Rubber Matt Fredrim ready to fire, Safe in "Fire" position, Fresh Primed Case in Chamber, Magazine loaded to capacity with Dummy Rounds.	83
rigger Pull at Start of Test: 4.078 Std. Dev. of Trigger Pull at Start of Test: rigger Pull at End of Test (1) 3.974 (2) 3.995 (3) 3.950 (4) 4.125 (5) 3.972 verage Trigger Pull at End of Test: Tester Initials: L.C. X S Additional Notes and Comments For additional details on the proper procedures to be used for this Test Procedure refer to: ANSI / SAAMI 7299.5-1990. SAAMI Specifications for Standard Jar-Off Test: Jar-Off Test: 12-inch drop - anto 1-thick 85 Durometer (Shore A) Rubber Matt Frearm ready to fire, Safe in "Fire" position, Fresh Primed Case in Chamber, Magazine loaded to capacity with Dummy Rounds.	83
rigger Pull at End of Test: (1) 3.974 (2) 3.995 (3) 3.950 (4) 4.125 (5) 3.972 verage Trigger Pull at End of Test: Tester Initials: It Is Is Is It Is Is Is It Is Is Is It Is	83
Ansi / Saami Z299.5-1990. Saami Specifications for Standard Jar-Off Test: Jar-Off Test: 12-inch drop - anto 1 "thick 85 Durometer (Shore A) Rubber Matt Five arm ready to fire, Safe in "Fire" position, Fresh Primed Case in Chamber, Magazine loaded to capacity with Dummy Rounds.	83
Additional Notes and Comments For additional details on the proper procedures to be used for this Lest Procedure refer to: ANSI/SAAMI Z299.5-1990. SAAMI Specifications for Standard Jar-Off Test: Jar-Off Test: 12-inch drop - anto 1 thick 85 Durometer (Shore A) Rubber Matt Firearm ready to fire, Safe in "Fire" position, Fresh Primed Case in Chamber, Magazine loaded to capacity with Dummy Rounds.	83
For additional details on the proper procedures to be used for this Lest 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 Firearm ready to fire, Safe in "Fire" position, Fresh Primed Case in Chamber, Magazine loaded to capacity with Dummy Rounds.	83
ANSI / SAAMI 7299.5-1990. SAAMI Specifications for Standard Jar-Off Tests: Jar-Off Test: 12-inch drop - onto 1 thick 85 Durometer (Shore A) Rubber Matt Friedrim ready to fire, Safe in "Fire" position, Fresh Primed Case in Chamber, Magazine loaded to capacity with Dummy Rounds.	7.517
ANSI / SAAMI 7299.5-1990. SAAMI Specifications for Standard Jar-Off Tests: Jar-Off Test: 12-inch drop - onto 1 thick 85 Durometer (Shore A) Rubber Matt Friedrim ready to fire, Safe in "Fire" position, Fresh Primed Case in Chamber, Magazine loaded to capacity with Dummy Rounds.	
ANSI / SAAMI 7299.5-1990. SAAMI Specifications for Standard Jar-Off Tests: Jar-Off Test: 12-inch drop - onto 1 thick 85 Durometer (Shore A) Rubber Matt Firearm ready to fire, Safe in "Fire" position, Fresh Primed Case in Chamber, Magazine loaded to capacity with Dummy Rounds.	
ANSI / SAAMI 7299.5-1990. SAAMI Specifications for Standard Jar-Off Tests: Jar-Off Test: 12-inch drop - onto 1 thick 85 Durometer (Shore A) Rubber Matt Firearm ready to fire, Safe in "Fire" position, Fresh Primed Case in Chamber, Magazine loaded to capacity with Dummy Rounds.	
ANSI / SAAMI Z299.5-1990. SAAMI Specifications for Standard Jar-Off Tests: Jar-Off Test: 12-inch drop - onto 1 Thick 85 Durometer (Shore A) Rubber Matt Firearm ready to fire, Safe in "Fire" position, Fresh Primed Case in Chamber, Magazine loaded to capacity with Dummy Rounds.	
SAAMI Specifications for Standard Jar-Off Test: Jar-Off Test: 12-inch drop - anto L'Thick 85 Durometer (Shore A) Rubber Matt Firearm ready to fire, Safe in "Fire" position, Fresh Primed Case in Chamber, Magazine loaded to capacity with Dummy Rounds.	
Jar-Off Test: 12-inch drop - onto 1 thick 85 Durometer (Shore A) Rubber Matt Firearm ready to fire, Safe in "Fire" position, Fresh Primed Case in Chamber, Magazine loaded to capacity with Dummy Rounds.	
Fredry ready to fire, Safe in "Fire" position, Fresh Primed Case in Chamber, Magazine loaded to capacity with Dummy Rounds.	
Fredry ready to fire, Safe in "Fire" position, Fresh Primed Case in Chamber, Magazine loaded to capacity with Dummy Rounds.	
2200 T 10	
After each drop, fire Primed Case to verify firearm will still function.	
p_{RS} $p_{RS} = p_{RS} + p$	
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	
fe	
Orientation ISS Unlocked Comments	
Barrel Vertical, Muzzle Up: Pass 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	_
Notes: (continue on back of sheet if necessary)	
Tester's Initials RUIS Page	

ET33818

12/16
TLW /349
Project No. 24/ 3/4
S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST
ROTATION TEST
Firecontrol No. A-5 Firecontrol Type: Standard Date: 12-8-03 Dry Cycles/Rounds Completed: Stock Type Synthefic Engagement at Start (1) .0206 (2) .0206 (3) .0105 Average .02056 Engagement at End (1) .0243 (2) .0248 (3) .024 Average .02056
Engagement at Start (1) .0206 (2) .0206 (3) .0205 Average .0205 4
Engagement at End (1) .0242 (2) .0249 (3) .024 Average .0243 Model No. M/710 Serial No. 7114 1.951
Trigger Pull at Start of Test (1) 4.06 (2) 4.093 (3) 4.099 (4) 3.977 (5) 4.118
Average Trigger Pull at Start of Test: Std. Dev. of Trigger Pull at Start of Test:
Trigger Pull at End of Test (1) 4,942 (2) 5,017 (3) 4.860 (4) 4.704 (5) 4,669
Average Trigger Pull at End of Test: 4.838 Std. Dev. of Trigger Pull at End of Test:
Tester Initials: BL/JTS Additional Notes and Comments
Additional Potes and Comments
For additional details on the proper procedures to be used for this Test Procedure refer to:
ANSI / SAAMI ZZ99.5-1990
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
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 Fail
Firearm Vertical, Drop so right side of Stock is Up: Pass Fail
Notes: (continue on back of sheet if necessary)
R1 + s
Tester's Initials BL, JS
Page 2 of 3 Z101\DROPTEST_REV5.DOC

/		TLW_	1349			
•		Project No	241314			
S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST						
DROP TEST						
Firecontrol No. A-5 Fireco	71146951 (2) 4.199 (3) 3.906 (2) 4.199 (3) 3.906 (4) 4.199 (3) 3.906 (5) 4.483 (3) 4.334 375 Std. Dev. of Talling Std. Dev. of Tal	Engagement Average	nt at End			
	1974).					
SAAMI Sp Drop Test: 48-inch ottop Roearm not in Chamber, After each di 48 inch drop (safety Note: for Firearms with the	ANSI / SAAMI 2299.5-19 becifications for Standar conto la thick 85 Duron receive to fire, Safe in "Sa Magazine loaded to cape rop Fire Primed Case to y in "Safe" position) - one	d Drop Test: meter (Shore A) Rubinger position, Fresh Pacity with Dummy Rowerify firearm will street drop per orientation e Firearms will be se	ber Matt Primed Case ounds. ill function. h.			
(F 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Unlocked //	Comr				
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 Pass Fail Pass Fail Pass Fail Pass Fail Pass Fail	Bont Singer	f & in			
	<u>.</u>	-	Page 3 of 3 1\DROPTEST_REV5.DOC			

ET33820