TLW \689 \\
Project No. 34131 \\

300 S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST
JAR-OFF TEST
Firecontrol No. A-40 Firecontrol Type: Standard Date: 3/11/05  Dry Cycles/Rounds Completed: Stock Type Sym 7/17/05  Engagement at Start (1) .0354 (2) .0351 (3) .0358 Average .03550
Engagement at End (1) 0353 (2) 0352 (3) 0356 Average 03536  Model No. 710 Serial No. 71303196  Trigger Pull at Start of Test (1) 4.411 (2)4.591 (3)4.593 (4)4.503 (5)4.479  Average Trigger Pull at Start of Test: 4.516 Std. Dev. of Trigger Pull at Start of Test:
Trigger Pull at End of Test (1) 4.603 (2) 4.500 (3) 4.983(4) 4.880 (5) 4.815  Average Trigger Pull at End of Test:
Additional Notes and Comments
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 Jan-Off Test:
Jar-Off Test: 12-inch drop - onto 1" thick \$5 Durometer (Shore A) Rubber Matt Firearm ready to fire Bafe 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 mch 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
Orientation  ISS Unlocked  Comments  Barrel Vertical, Muzzle Up:  Pass Fail  Barrel Horizontal, Left side of Stock Up:  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:  Barrel Horizontal, Bottom of Stock Down:
Notes: (continue on back of sheet if necessary)
Tester's Initials 5 W/J5
Page 1 of 3

	TLW 1689 Z
	Project No. 341314
300 S.A.A.M.I. JAR-OF	F, DROP & ROTATION TEST
ROTATION TEST	
Dry Cycles/Rounds Completed:Sto Engagement at Start (1)	Average 103516  (3) 10351 Average 103516  LIY (3) H, HI6 (4) H, 539 (5) H, 594  Std. Dev. of Trigger Pull at Start of Test:  184 (3) H, N63 (4) H, 334 (5) H, 118  Std. Dev. of Trigger Pull at End of Test:  Tester Initials: 5 1 / 3   3   3   3   3   3   3   3   3   3
ISS system in the unlocked posi	tion for both orientations of the Rotation Test.
Orientation ISS Unl	
Firearm Vertical, Drop so left side of Stock is Up: Firearm Vertical, Drop so right side of Stock is Up: Notes: (continue on back of sheet if necessary)	Pass
	Tester's Initials _ SW/J5
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TLW 1689 AA Project No. 741314

300 S.A.A	.M.I. JAR-OFF, DROP & F	ROTATION TEST
DROP TEST  Firecontrol No. A-40  Dry Cycles/Rounds Completed: Engagement at Start (1) 0355  Engagement at End (1) 0379  Model No. S  Trigger Pull at Start of Test (1) 4  Average Trigger Pull at Start of Test (1) 4  Average Trigger Pull at End of Test (1) 4  Average Trigger Pull at End of Test (1) 5	(2),0349 (3),0351 (2),0377 (3),0379 Gerial No. 4,580 (2)4,655 (3)4,47 Test: 4,541 Std. Dev. of 4.533 (2)4,189 (3)4,0	Average
	Additional Notes and Com	
	ANSI / SAAMI Z299:	2.9
<u>Drop Test</u> : 48 Fi Af 48 inch d	rearm not ready to fire, Safe in ' Chamber, Magazine loaded to c ter each drop Fire Primed Case rop (safety in "Safe" position) -	rometer (Shore A) Rubber Matt "Safe" position, Fresh Primed Case apacity with Dummy Rounds. to verify firearm will still function. one drop per orientation.
	s with the 188 system installea – the unlocked position for all six	The Firearms will be set with the orientations of the Drop Test
Orientation  Barrel Vertical, Muzzle Up: Barrel Vertical, Muzzle Down: Barrel Horizontal, Left side of St Barrel Horizontal, Right side of St	Pass Fail ock Up: Pass Fail	Comments
Barrel Horizontal, Bottom of Sto Barrel Horizontal, Bottom of Sto Notes: (continue on back of sheet if n	ck Up: Pass Fail Fail eccessary)	Bent Scope / Broken Tans

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TLW 1689AA

	Project No	241314
300	S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST	

DOD TECH		
ROP TEST	Y	
	Firecontrol Type:	
ry Cycles/Rounds Completed:	<del></del>	Engagement at Start
ngagement at Start (1) <u>0258</u> (2),	0 2 4 0 (3) - · 0 9 2 C	Average 0234 a
ngagement at End (1) <u>、つる<b>3</b>し</u> (2) <u>、</u> Iodel No. Serial No	U 977 2 (3) 10 47 1	Engagement at End
rigger Pull at Start of Test (1) 4.501		
verage Trigger Pull at Start of Test:	H. 5 L. B. Std Dev	of Trigger Pull at Start of Test
rigger Pull at End of Test (1) 4, 110	(2) 5,413 (3) 4,	501 (4) 5.152 (5) 5.400
verage Trigger Pull at End of Test:	Std. Dev.	of Trigger Pull at End of Test:
		Tester Initials: Sw/J \$
, Add	ditional Notes and Con	nments
Auxluced Ingent		
For additional details on the i	proper procedures to b	e used for this Test Procedure refer to:
	3 (2.25) (1.20)	7 A. 1 A.
•.	ANSI / SAAMI Z299	7.5-1990 · · · · · · · · · · · · · · · · · ·
SAAMI	Charifications for Cta	. We are a second of the secon
	թրесінсинона тоғ жи	ndard Drop Test:
		ndard Brop Test:
<u>Drop Test</u> : 48-jnch dr	op - onto 1" thick 851	Durometer (Shore A) Rubber Matt
<u>Drop Test</u> : 48-inch dr Firearm n	op - onto 1" thick 85.1 of teady to fire, Safe in	Durometer (Shore A) Rubber Matt a "Safe" position, Fresh Primed Case
<u>Drop Test</u> : 48-inch dr Firearm no ir Chambe	op - onto 1" thick 851 of ceady to fire, Safe in er, Magazine loaded to	Durometer (Shore A) Rubber Matt a "Safe" position, Fresh Primed Case capacity with Dummy Rounds.
<u>Drop Test</u> : 48-inch dr Firearm no in Chambe After each	op - onto 1" thick 851 of ready to fire, Safe in er, Magazine loaded to drop Fire Primed Cas	Durometer (Shore A) Rubber Matt a "Safe" position, Fresh Primed Case capacity with Dummy Rounds. se to verify firearm will still function.
<u>Drop Test</u> : 48-inch dr Firearm no in Chambe After each	op - onto 1" thick 851 of ready to fire, Safe in er, Magazine loaded to drop Fire Primed Cas	Durometer (Shore A) Rubber Matt a "Safe" position, Fresh Primed Case capacity with Dummy Rounds.
<u>Drop Test</u> : 48-inch dr Firearm na ir Chambe After each 48 inch drop (saf	op - onto 1" thick 85 1 of ceady to fire, Safe in er, Magazine loaded to drop Fire Primed Cas ety in "Safe" position)	Durometer (Shore A) Rubber Matt a "Safe" position, Fresh Primed Case capacity with Dummy Rounds. se to verify firearm will still function one drop per orientation.
<u>Drop Test</u> : 48-inch dr Firearm no in Chambe After each 48 inch drop (saf <u>Note: for Firearms with th</u>	op - onto 1" thick 85.1 of teady to fire, Safe in er, Magazine loaded to drop Fire Primed Cas ety in "Safe" position) ne ISS system installed	Ourometer (Shore A) Rubber Matt  "Safe" position, Fresh Primed Case capacity with Dummy Rounds. se to verify firearm will still function.  - one drop per orientation.  - The Firearms will be set with the
Drop Test: 48-inch dr Firearm no iri Chambe After each 48 inch drop (saf Note: for Firearms with th ISS system in the unla	op - onto 1" thick 85.1 of ceady to fire, Safe in er, Magazine loaded to drop Fire Primed Cas ety in "Safe" position) ne ISS system installed ocked position for all s	Durometer (Shore A) Rubber Matt a "Safe" position, Fresh Primed Case capacity with Dummy Rounds. se to verify firearm will still function one drop per orientation.
Drop Test: 48-inch dr Firearm no iri Chambe After each 48 inch drop (saf Note: for Firearms with th ISS system in the unla	op - onto 1" thick 85.1 of teady to fire, Safe in er, Magazine loaded to drop Fire Primed Cas ety in "Safe" position) ne ISS system installed	Ourometer (Shore A) Rubber Matt  "Safe" position, Fresh Primed Case capacity with Dummy Rounds. se to verify firearm will still function.  - one drop per orientation.  - The Firearms will be set with the
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Drop Test: 48-inch dr Firearm no iri Chambe After each 48 inch drop (saft  Note: for Firearms with the  ISS system in the union  Orientation IS	op - onto 1" thick 85.1 of ready to fire, Safe in er, Magazine loaded to drop Fire Primed Cas ety in "Safe" position) ne ISS system installed ocked position for all s S Unlocked Pass Fail	Durometer (Shore A) Rubber Matt  "Safe" position, Fresh Primed Case capacity with Dummy Rounds. se to verify firearm will still function.  - one drop per orientation.  - The Firearms will be set with the ix orientations of the Drop Test  Comments
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Drop Test: 48-inch dr Firearm na in Chambe After each 48 inch drop (safe  Note: for Firearms with the  ISS system in the union  Orientation ISS  Barrel Vertical, Muzzle Up:  Barrel Vertical, Muzzle Down:  Barrel Horizontal, Left side of Stock Up:	op - onto 1" thick 85.1 of teady to fire, Safe in er, Magazine loaded to drop Fire Primed Cas ety in "Safe" position) ne ISS system installed pocked position for all s  S Unlocked  Pass Fail  Pass Fail  Pass Fail	Durometer (Shore A) Rubber Matt  a "Safe" position, Fresh Primed Case capacity with Dummy Rounds. se to verify firearm will still function.  - one drop per orientation.  - The Firearms will be set with the ix orientations of the Drop Test  Comments
Drop Test: 48-inch dr Firearm no in Chambe After each 48 inch drop (safe  Note: for Firearms with th  ISS system in the union Orientation IS  Barrel Vertical, Muzzle Up: Barrel Horizontal, Left side of Stock Up: Barrel Horizontal, Right side of Stock Up:	ap - onto 1" thick 85.1 of ready to fire, Safe in er, Magazine loaded to drop Fire Primed Cas ety in "Safe" position) ne ISS system installed ocked position for all s  S Unlocked  Pass Fail Pass Fail Pass Fail Pass Fail Pass Fail	Durometer (Shore A) Rubber Matt  a "Safe" position, Fresh Primed Case capacity with Dummy Rounds. se to verify firearm will still function.  - one drop per orientation.  - The Firearms will be set with the ix orientations of the Drop Test  Comments
Drop Test: 48-inch dr Firearm na in Chambe After each 48 inch drop (safe  Note: for Firearms with the  ISS system in the union  Orientation ISS  Barrel Vertical, Muzzle Up:  Barrel Vertical, Muzzle Down:  Barrel Horizontal, Left side of Stock Up:	op - onto 1" thick 85.1 of teady to fire, Safe in er, Magazine loaded to drop Fire Primed Cas ety in "Safe" position) ne ISS system installed ocked position for all s  S Unlocked  Pass Fail Pass Fail Pass Fail Pass Fail Pass Fail	Durometer (Shore A) Rubber Matt  a "Safe" position, Fresh Primed Case capacity with Dummy Rounds. se to verify firearm will still function.  - one drop per orientation.  - The Firearms will be set with the ix orientations of the Drop Test  Comments
Drop Test: 48-inch dr Firearm no in Chambe After each  48 inch drop (saft  Noter for Firearms with the  ISS system in the unlo  Orientation ISS  Barrel Vertical, Muzzle Up: 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:	op - onto 1" thick 85.1 of teady to fire, Safe in er, Magazine loaded to drop Fire Primed Cas ety in "Safe" position) ne ISS system installed ocked position for all s  S Unlocked  Pass Fail Pass Fail Pass Fail Pass Fail Pass Fail	Ourometer (Shore A) Rubber Matt  a "Safe" position, Fresh Primed Case o capacity with Dummy Rounds. se to verify firearm will still function.  - one drop per orientation.  - The Firearms will be set with the ix orientations of the Drop Test  Comments
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