Subject to Protective Order - Williams v. Remington

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Summary		
	Total Test + Proof Failures	16143
	Total Rejected:	590
	Overall Reject Rate:	3.65

		1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga
Proof	Shot:	293	837	743	30			2	486	8486
	Rejected:	1	1	0	0	0	0	0	0	3
	Percent:	0.3	0.1	0.0	0.0			0.0	0.0	0.0
Test	Shot:	396	816	761	73			3	404	8481
	Rejected:	190	72	24	3	0	0	0	136	55
	Percent:	48.0	8.8	3.2	4.1			0.0	33.7	0.6
Target	Shot:									
	Rejected:	0	0	0	0	0	0	0	0	0
	Percent:									

CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga
AB	Action binds	20	4						4	8
ASFB	Action spring follower binds									
BABS	Bulge at body shoulder									
BAC	Burr at chamber									
BB	Bolt binds/catches									
BCOE	Bolt catches on ejector									
BC	Blows cases									
BLOP	Bar lock or disconnector out of position									3
BSCO	Barrel support came out									
CBS-F	Shells catch on bbl support-feeding									
CBS-L	Shells catch on bbl support-loading									
CC	Carrier catches on shells,mag,receiver	1								
CD	Case dented									
CH	Closes hard									
CHAB	Carrier hits action bar									
CLM	Can't laod magazine									1
CO	Cut-off									
CR	Cuts rim									
CS	Cases swell									

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Subject to Protective Order - Williams v. Remington

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CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga
CTOG	Chamber torn or gouged									
CTP	Creepy trigger pull									
CWSB	Cams wrong side of action bar									
DBB	Doesn't blow back		6	21	2				9	
DCS	Double click in safety switch									
DCT	Double click in trigger									
DCU	Doesn't close-up		3							
DE	Doesn't eject	1	12	1					9	1
DEL	Doesn't eject live round									
DFU	Doesn't feed up	1	3						5	
DLO	Doesn't lock open (after last shell)	2	6	1						
DLU	Doesn't lock-up								1	8
DS	Dead safe									
DSM	Drops shell-magazine	8							1	
DTL	Doesn't trip latch	10	1						1	
DX	Doesn't extract									
DXL	Doesn't extract live round									
EDS	Extractor drops shell								34	
ESB	Ejector sticks back									
ESS	Extractor stems shell								1	
FA	Fires automatically									
FB	Follower binds									2
FC	Fails to connect									
FCB	Fore-end cracked or broken									
FD	Follows-down									
FF	Fails to fire									1
FFM	Fails to feed from magazine	22	5						21	1
FFP	Flat firing pin									
FOS	Fires on safe									
FSR	Fires when safe is released									

ILE0006400

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CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga
GCSO	Gas cyl shot off									
GRSO	Guide ring shot off									8
HPA	High pressure ammo									
HUE	Hard under extractor	18	12						3	9
ILOP	Int. latch out of position		1						1	
ILRM	Int. latch ret. Missing	2	7							
ILSB	Int. latch stud broken									
ILSP	Int. latch spring out of position									
JL	Jumps latch	19	1						5	
JO	Jars off									
LB	Light blow									
MCSO	Magazine cap shot off									
MCW	Magazine capacity wrong	1	1							
MFA	Misfires (ammo)									
MFOP	Magazine follower out of position									
MLH	Magazine loads hard									
OH	Opens hard									
PH	Pulls hard									
PSI	Proof stamp illegible									
PSM	Proof stamp missing									
RBOC	Rings and bulges on case									
RDW	(Action) release doesn't work	1		1	1					1
RIC	Rings in chamber									
SBC	Stems bottom chambers	61							3	
SBCL	Shell binds carrier latch									
SBE	Stems bbl extension									
SCB	Stock cracked or broken									1
SCX	Shell catches									
SHI	Short indent									
SIC	Stems in chamber								1	1

Subject to Protective Order - Williams v. Remington

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CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga
SL	shaves lead									
SLC	Stems left side of chamber	10							21	
SMOC	Stretch marks on case									
SRC	Stems right side of chamber	1							10	
SRIC	Specific rings in chamber									
SSC	shell stems carrier								3	
STC	Stems top chamber	3	10						3	9
SWE	Safety switch works too easily									
SWH	Safety switch works too hard									
SWW	Safety ewitxh won't work									1
TD	Tips down	9								
TU	Tips up									
TWP	Trigger won't pull									
TWR	Trigger won't retract									
UNCN-T	Uncoded									
XH	Extracts hard									
XHB	Extractor hits bbl									
HI	High									
LO	Low									
LEFT	Left									
RIGHT	Right									
DG	Doesn't Group									
FSST	Front sight tipped									
RSTT	Rear sight tipped									
RSBR	Rear sight base raised									
FSTR	Front sight raised									
FSTL	Front sight loose									
RSTL	Rear sight loose									
MGPT-G	Missing parts at target									

ILE0006640

Subject to Protective Order - Williams v. Remington

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CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga
UNCN-G	Uncoded nonconformity at target									
AI-P	Assembly incompleye at proof									
BC-P	Blows cases at proof									
BEB-P	Barrel extension broken at proof									
BLP-P	Blanked primer at proof									
BP-P	Blown primer at proof									
BS-P	Barrel split at proof	1								
DLOS-P	Doesn't lock over shells at proof									
ESB-P	Ejector sticks back at proof									
FCB-P	Fore-end cracked at proof									
FESO-P	Fore-end shot off at proof									
FF-P	Fails to fire at proof		1							
GCSO-P	Gas cylinder shot off at proof									
GRSO-P	Guide ring shot off at proof									
MCSO-P	Magazine cap shot off at proof									
MSI-P	Magnaflux stamp illegible on bbl									
MSM-P	Magnaflux stamp missing on bbl									
PP-P	Pierced primer at proof									
SCB-P	Stock cracked or broken at proof									3
UNCM-P	Uncoded proof malfunctions									

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Month:							total	Auto Total	Pump Total
	2517		1703		878		*15975*	2391	12706
0	*1*	*0*	*1*	*0*	*1*	*0*	*8*	2	5
	0.0		*0.1*		*0.1*		**0.050**	**0.084**	**0.039**
	2517		1701		980	3	*16135*	2453	12699
0	*5*	*0*	*21*	*0*	*0*	*0*	*506*	425	81
	0.2		*1.2*		*0.0*	*0.0*	**3.14**	**17.33**	**0.64**
					694		*694*	0	0
0	*0*	*0*	*0*	*0*	*76*	*0*	*76*	0	0
					11.0		**10.95**	**#DIV/0!**	**#DIV/0!**

870 16Ga	870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U	total	Auto Total	Pump Total
	1		1				38	28	10
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							3	0	3
							0	0	0
							0	0	0
							0	0	0
							1	1	0
							0	0	0
							0	0	0
							0	0	0
							1	0	1
							0	0	0
							0	0	0
							0	0	0

Subject to Protective Order - Williams v. Remington

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870 16Ga	870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U	total	Auto Total	Pump Total
							0	0	0
							0	0	0
							0	0	0
							38	38	0
							0	0	0
							0	0	0
							3	3	0
							24	23	1
							0	0	0
							9	9	0
							9	9	0
							9	1	8
							0	0	0
	1						10	9	1
							12	12	0
			2				2	0	2
							0	0	0
			9				43	34	9
							0	0	0
							1	1	0
							0	0	0
							2	0	2
							0	0	0
							0	0	0
							0	0	0
							1	0	1
							49	48	1
							0	0	0
							0	0	0
							0	0	0

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870 16Ga	870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U	total	Auto Total	Pump Total
							0	0	0
			1				9	0	9
							0	0	0
	1		1				44	33	11
			1				3	2	1
							9	9	0
							0	0	0
							0	0	0
			3				28	25	3
							0	0	0
							0	0	0
							0	0	0
							2	2	0
							0	0	0
							0	0	0
	1						1	0	1
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							4	3	1
							0	0	0
							64	64	0
								0	0
							0	0	0
			1				2	0	2
							0	0	0
							0	0	0
							2	1	1

ILE00066406

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870 16Ga	870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U	total	Auto Total	Pump Total
							0	0	0
							31	31	0
							0	0	0
							11	11	0
							0	0	0
							3	3	0
							25	16	9
							0	0	0
							0	0	0
							1	0	1
							9	9	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
	1		2				3	0	3
							0	0	0
									0
					48		48	0	0
					11		11	0	0
							0	0	0
					12		12	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
					1		1	0	0
					1		1	0	0
					3		3	0	0

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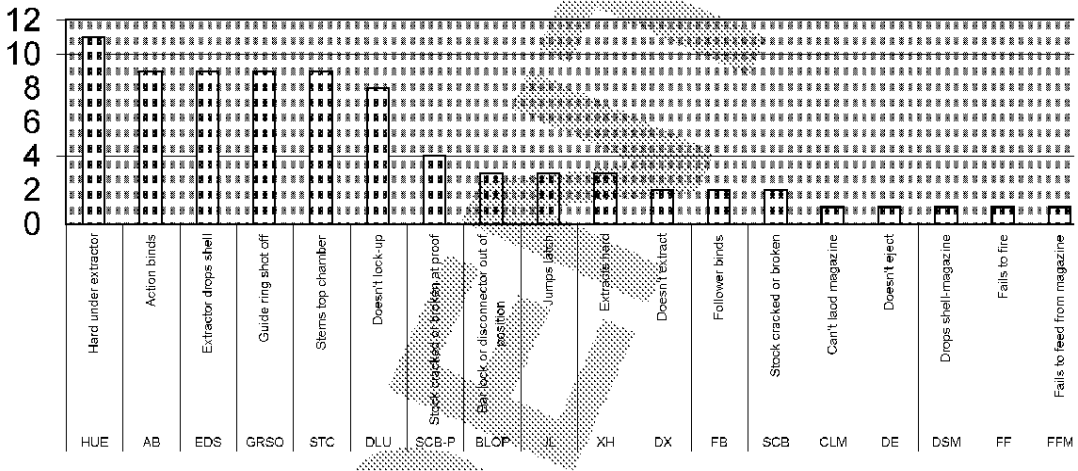
870 16Ga	870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U	total	Auto Total	Pump Total
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							1	1	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
	1						2	1	1
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
			1		1		5	0	4
							0	0	0

ILE00066408

Gallery Top Faults for Pump Shotguns - Current month through:

8/13/06



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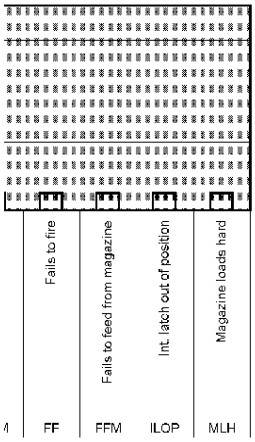
hrough:



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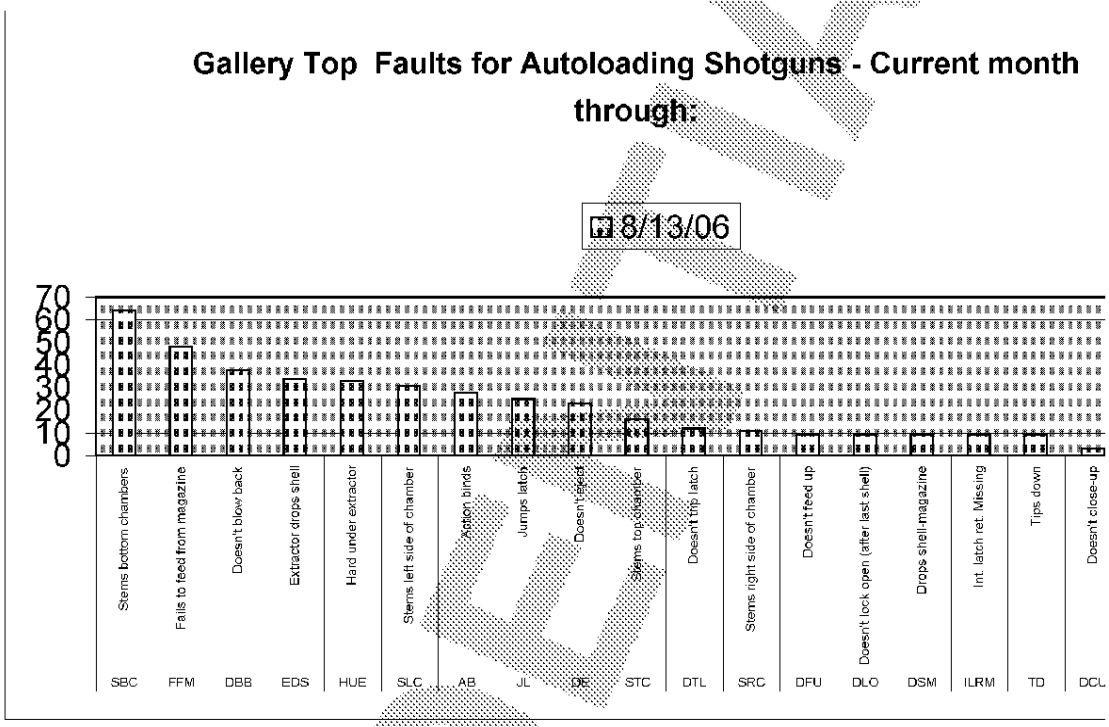

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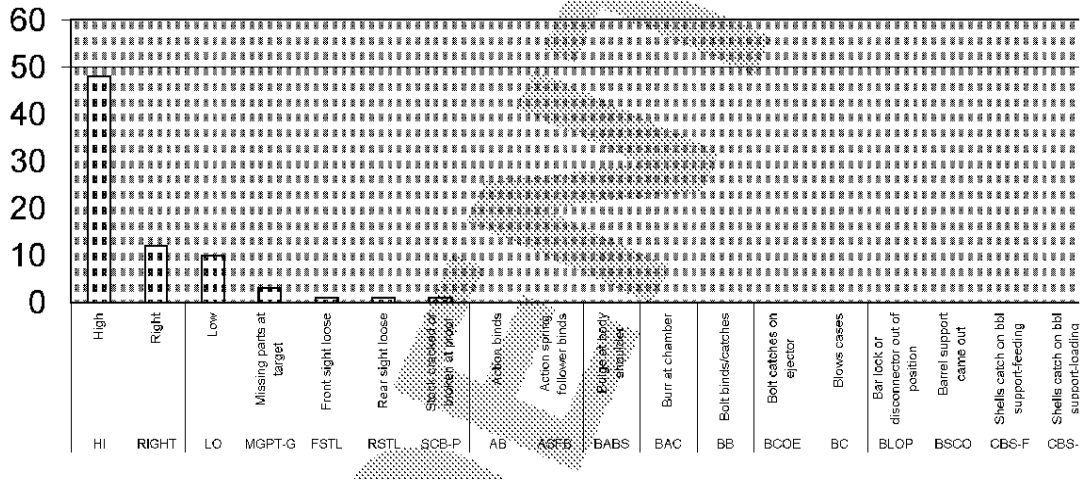
Gallery Top Faults for Police Shotguns - Current month through:

8/13/06



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hrough:

O	Shells catch on bbl support-feeding	CBS-F
	Shells catch on bbl support-loading	CBS-L
	Carrier catches on shells,mag,receiver	CC
	Case dented	CD

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HUE	Hard under extractor	11	8/13/06
AB	Action binds	9	
EDS	Extractor drops shell	9	
GRSO	Guide ring shot off	9	
STC	Stems top chamber	9	
DLU	Doesn't lock-up	8	
SCB-P	Stock cracked or broken at proof	4	
BLOP	Bar lock or disconnector out of position	3	
JL	Jumps latch	3	
XH	Extracts hard	3	
DX	Doesn't extract	2	
FB	Follower binds	2	
SCB	Stock cracked or broken	2	
CLM	Can't laod magazine	1	
DE	Doesn't eject	1	
DSM	Drops shell-magazine	1	
FF	Fails to fire	1	
FFM	Fails to feed from magazine	1	
ILOP	Int. latch out of position	1	
MLH	Magazine loads hard	1	
RDW	(Action) release doesn't work	1	
SIC	Stems in chamber	1	
SWW	Safety ewitxh won't work	1	
FF-P	Fails to fire at proof	1	
ASFB	Action spring follower binds	0	
BABS	Bulge at body shoulder	0	
BAC	Burr at chamber	0	
BB	Bolt binds/catches	0	
BCOE	Bolt catches on ejector	0	
BC	Blows cases	0	
BSCO	Barrel support came out	0	
CBS-F	Shells catch on bbl support-feeding	0	
CBS-L	Shells catch on bbl support-loading	0	
CC	Carrier catches on shells,mag receiver	0	
CD	Case dented	0	
CH	Closes hard	0	
CHAB	Carrier hits action bar	0	
CO	Cut-off	0	
CR	Cuts rim	0	
CS	Cases swell	0	
CTOG	Chamber torn or gouged	0	
CTP	Creepy trigger pull	0	
CWSB	Cams wrong side of action bar	0	
DBB	Doesn't blow back	0	
DCS	Double click in safety switch	0	
DCT	Double click in trigger	0	
DCU	Doesn't close-up	0	
DEL	Doesn't eject live round	0	
DFU	Doesn't feed up	0	
DLO	Doesn't lock open (after last shell)	0	
DS	Dead safe	0	

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Subject to Protective Order - Williams v. Remington

DTL	Doesn't trip latch	0
DXL	Doesn't extract live round	0
ESB	Ejector sticks back	0
ESS	Extractor stems shell	0
FA	Fires automatically	0
FC	Fails to connect	0
FCB	Fore-end cracked or broken	0
FD	Follows-down	0
FFP	Flat firing pin	0
FOS	Fires on safe	0
FSR	Fires when safe is released	0
GCSO	Gas cyl shot off	0
HPA	High pressure ammo	0
ILRM	Int. latch ret. Missing	0
ILSB	Int. latch stud broken	0
ILSP	Int. latch spring out of position	0
JO	Jars off	0
LB	Light blow	0
MCSO	Magazine cap shot off	0
MCW	Magazine capacity wrong	0
MFA	Misfires (ammo)	0
MFOP	Magazine follower out of position	0
OH	Opens hard	0
PH	Pulls hard	0
PSI	Proof stamp illegible	0
PSM	Proof stamp missing	0
RBOC	Rings and bulges on case	0
RIC	Rings in chamber	0
SBC	Stems bottom chambers	0
SBCL	Shell binds carrier latch	0
SBE	Stems bbl extension	0
SCX	Shell catches	0
SHI	Short indent	0
SL	shaves lead	0
SLC	Stems left side of chamber	0
SMOC	Stretch marks on case	0
SRC	Stems right side of chamber	0
SRIC	Specific rings in chamber	0
SSC	shell stems carrier	0
SWE	Safety switch works too easily	0
SWH	Safety switch works too hard	0
TD	Tips down	0
TU	Tips up	0
TWP	Trigger won't pull	0
TWR	Trigger won't retract	0
UNCN-T	Uncoded	0
XHB	Extractor hits bbl	0
		0
HI	High	0
LO	Low	0
LEFT	Left	0

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Subject to Protective Order - Williams v. Remington

RIGHT	Right	0
DG	Doesn't Group	0
FSST	Front sight tipped	0
RSTT	Rear sight tipped	0
RSBR	Rear sight base raised	0
FSTR	Front sight raised	0
FSTL	Front sight loose	0
RSTL	Rear sight loose	0
MGPT-G	Missing parts at target	0
UNCN-G	Uncoded nonconformity at target	0
AI-P	Assembly incompleye at proof	0
BC-P	Blows cases at proof	0
BEB-P	Barrel extension broken at proof	0
BLP-P	Blanked primer at proof	0
BP-P	Blown primer at proof	0
BS-P	Barrel split at proof	0
DLOS-P	Doesn't lock over shells at proof	0
ESB-P	Ejector sticks back at proof	0
FCB-P	Fore-end cracked at proof	0
FESO-P	Fore-end shot off at proof	0
GCSO-P	Gas cylinder shot off at proof	0
GRSO-P	Guide ring shot off at proof	0
MCSO-P	Magazine cap shot off at proof	0
MSI-P	Magnaflux stamp illegible on bbl	0
MSM-P	Magnaflux stamp missing on bbl	0
PP-P	Pierced primer at proof	0
UNCM-P	Uncoded proof malfunctions	0

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Subject to Protective Order - Williams v. Remington

SBC	Stems bottom chambers	64
FFM	Fails to feed from magazine	48
DBB	Doesn't blow back	38
EDS	Extractor drops shell	34
HUE	Hard under extractor	33
SLC	Stems left side of chamber	31
AB	Action binds	28
JL	Jumps latch	25
DE	Doesn't eject	23
STC	Stems top chamber	16
DTL	Doesn't trip latch	12
SRC	Stems right side of chamber	11
DFU	Doesn't feed up	9
DLO	Doesn't lock open (after last shell)	9
DSM	Drops shell-magazine	9
ILRM	Int. latch ret. Missing	9
TD	Tips down	9
DCU	Doesn't close-up	3
RDW	(Action) release doesn't work	3
SSC	shell stems carrier	3
ILOP	Int. latch out of position	2
MCW	Magazine capacity wrong	2
CC	Carrier catches on shells,mag,receiver	1
DLU	Doesn't lock-up	1
ESS	Extractor stems shell	1
SIC	Stems in chamber	1
BS-P	Barrel split at proof	1
FF-P	Fails to fire at proof	1
ASFB	Action spring follower binds	0
BABS	Bulge at body shoulder	0
BAC	Burr at chamber	0
BB	Bolt binds/catches	0
BCOE	Bolt catches on ejector	0
BC	Blows cases	0
BLOP	Bar lock or disconnector out of position	0
BSCO	Barrel support came out	0
CBS-F	Shells catch on bbl support-feeding	0
CBS-L	Shells catch on bbl support-loading	0
CD	Case dented	0
CH	Closes hard	0
CHAB	Carrier hits action bar	0
CLM	Can't laod magazine	0
CO	Cut-off	0
CR	Cuts rim	0
CS	Cases swell	0
CTOG	Chamber torn or gouged	0
CTP	Creepy trigger pull	0
CWSB	Cams wrong side of action bar	0
DCS	Double click in safety switch	0
DCT	Double click in trigger	0
DEL	Doesn't eject live round	0

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DS	Dead safe	0
DX	Doesn't extract	0
DXL	Doesn't extract live round	0
ESB	Ejector sticks back	0
FA	Fires automatically	0
FB	Follower binds	0
FC	Fails to connect	0
FCB	Fore-end cracked or broken	0
FD	Follows-down	0
FF	Fails to fire	0
FFP	Flat firing pin	0
FOS	Fires on safe	0
FSR	Fires when safe is released	0
GCSO	Gas cyl shot off	0
GRSO	Guide ring shot off	0
HPA	High pressure ammo	0
ILSB	Int. latch stud broken	0
ILSP	Int. latch spring out of position	0
JO	Jars off	0
LB	Light blow	0
MCSO	Magazine cap shot off	0
MFA	Misfires (ammo)	0
MFOP	Magazine follower out of position	0
MLH	Magazine loads hard	0
OH	Opens hard	0
PH	Pulls hard	0
PSI	Proof stamp illegible	0
PSM	Proof stamp missing	0
RBOC	Rings and bulges on case	0
RIC	Rings in chamber	0
SBCL	Shell binds carrier latch	0
SBE	Stems bbl extension	0
SCB	Stock cracked or broken	0
SCX	Shell catches	0
SHI	Short indent	0
SL	shaves lead	0
SMOC	Stretch marks on case	0
SRIC	Specific rings in chamber	0
SWE	Safety switch works too easily	0
SWH	Safety switch works too hard	0
SWW	Safety ewitxh won't work	0
TU	Tips up	0
TWP	Trigger won't pull	0
TWR	Trigger won't retract	0
UNCN-T	Uncoded	0
XH	Extracts hard	0
XHB	Extractor hits bbl	0
HI	High	0
LO	Low	0
LEFT	Left	0
RIGHT	Right	0

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DG	Doesn't Group	0
FSST	Front sight tipped	0
RSTT	Rear sight tipped	0
RSBR	Rear sight base raised	0
FSTR	Front sight raised	0
FSTL	Front sight loose	0
RSTL	Rear sight loose	0
MGPT-G	Missing parts at target	0
UNCN-G	Uncoded nonconformity at target	0
AI-P	Assembly incompleye at proof	0
BC-P	Blows cases at proof	0
BEB-P	Barrel extension broken at proof	0
BLP-P	Blanked primer at proof	0
BP-P	Blown primer at proof	0
DLOS-P	Doesn't lock over shells at proof	0
ESB-P	Ejector sticks back at proof	0
FCB-P	Fore-end cracked at proof	0
FESO-P	Fore-end shot off at proof	0
GCSO-P	Gas cylinder shot off at proof	0
GRSO-P	Guide ring shot off at proof	0
MCSO-P	Magazine cap shot off at proof	0
MSI-P	Magnaflux stamp illegible on bbl	0
MSM-P	Magnaflux stamp missing on bbl	0
PP-P	Pierced primer at proof	0
SCB-P	Stock cracked or broken at proof	0
UNCM-P	Uncoded proof malfunctions	0

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Subject to Protective Order - Williams v. Remington

HI	High	48
RIGHT	Right	12
LO	Low	10
MGPT-G	Missing parts at target	3
FSTL	Front sight loose	1
RSTL	Rear sight loose	1
SCB-P	Stock cracked or broken at proof	1
AB	Action binds	0
ASFB	Action spring follower binds	0
BABS	Bulge at body shoulder	0
BAC	Burr at chamber	0
BB	Bolt binds/catches	0
BCOE	Bolt catches on ejector	0
BC	Blows cases	0
BLOP	Bar lock or disconnector out of position	0
BSCO	Barrel support came out	0
CBS-F	Shells catch on bbl support-feeding	0
CBS-L	Shells catch on bbl support-loading	0
CC	Carrier catches on shells,mag,receiver	0
CD	Case dented	0
CH	Closes hard	0
CHAB	Carrier hits action bar	0
CLM	Can't laod magazine	0
CO	Cut-off	0
CR	Cuts rim	0
CS	Cases swell	0
CTOG	Chamber torn or gouged	0
CTP	Creepy trigger pull	0
CWSB	Cams wrong side of action bar	0
DBB	Doesn't blow back	0
DCS	Double click in safety switch	0
DCT	Double click in trigger	0
DCU	Doesn't close-up	0
DE	Doesn't eject	0
DEL	Doesn't eject live round	0
DFU	Doesn't feed up	0
DLO	Doesn't lock open (after last shell)	0
DLU	Doesn't lock-up	0
DS	Dead safe	0
DSM	Drops shell-magazine	0
DTL	Doesn't trip latch	0
DX	Doesn't extract	0
DXL	Doesn't extract live round	0
EDS	Extractor drops shell	0
ESB	Ejector sticks back	0
ESS	Extractor stems shell	0
FA	Fires automatically	0
FB	Follower binds	0
FC	Fails to connect	0
FCB	Fore-end cracked or broken	0
FD	Follows-down	0

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FF	Fails to fire	0
FFM	Fails to feed from magazine	0
FFP	Flat firing pin	0
FOS	Fires on safe	0
FSR	Fires when safe is released	0
GCSO	Gas cyl shot off	0
GRSO	Guide ring shot off	0
HPA	High pressure ammo	0
HUE	Hard under extractor	0
ILOP	Int. latch out of position	0
ILRM	Int. latch ret. Missing	0
ILSB	Int. latch stud broken	0
ILSP	Int. latch spring out of position	0
JL	Jumps latch	0
JO	Jars off	0
LB	Light blow	0
MCSO	Magazine cap shot off	0
MCW	Magazine capacity wrong	0
MFA	Misfires (ammo)	0
MFOP	Magazine follower out of position	0
MLH	Magazine loads hard	0
OH	Opens hard	0
PH	Pulls hard	0
PSI	Proof stamp illegible	0
PSM	Proof stamp missing	0
RBOC	Rings and bulges on case	0
RDW	(Action) release doesn't work	0
RIC	Rings in chamber	0
SBC	Stems bottom chambers	0
SBCL	Shell binds carrier latch	0
SBE	Stems bbl extension	0
SCB	Stock cracked or broken	0
SCX	Shell catches	0
SHI	Short indent	0
SIC	Stems in chamber	0
SL	shaves lead	0
SLC	Stems left side of chamber	0
SMOC	Stretch marks on case	0
SRC	Stems right side of chamber	0
SRIC	Specific rings in chamber	0
SSC	shell stems carrier	0
STC	Stems top chamber	0
SWE	Safety switch works too easily	0
SWH	Safety switch works too hard	0
SWW	Safety ewitxh won't work	0
TD	Tips down	0
TU	Tips up	0
TWP	Trigger won't pull	0
TWR	Trigger won't retract	0
UNCN-T	Uncoded	0
XH	Extracts hard	0

CONFIDENTIAL

XHB	Extractor hits bbl	0
LEFT	Left	0
DG	Doesn't Group	0
FSST	Front sight tipped	0
RSTT	Rear sight tipped	0
RSBR	Rear sight base raised	0
FSTR	Front sight raised	0
UNCN-G	Uncoded nonconformity at target	0
		0
AI-P	Assembly incompleye at proof	0
BC-P	Blows cases at proof	0
BEB-P	Barrel extension broken at proof	0
BLP-P	Blanked primer at proof	0
BP-P	Blown primer at proof	0
BS-P	Barrel split at proof	0
DLOS-P	Doesn't lock over shells at proof	0
ESB-P	Ejector sticks back at proof	0
FCB-P	Fore-end cracked at proof	0
FESO-P	Fore-end shot off at proof	0
FF-P	Fails to fire at proof	0
GCSO-P	Gas cylinder shot off at proof	0
GRSO-P	Guide ring shot off at proof	0
MCSO-P	Magazine cap shot off at proof	0
MSI-P	Magnaflux stamp illegible on bbl	0
MSM-P	Magnaflux stamp missing on bbl	0
PP-P	Pierced primer at proof	0
UNCM-P	Uncoded proof malfunctions	0

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Summary		
	Total Test + Proof Failures	1491
	Total Rejected:	37
	Overall Reject Rate:	2.48

		1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
Proof	Shot:	22	5	70	30				3	987	
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:	0.0	0.0	0.0	0.0				0.0	0.0	
Test	Shot:	40	4	123	41			1	7	984	
	Rejected:	21	1	6	1	0	0	0	0	7	0
	Percent:	52.5	25.0	4.9	2.4			0.0	0.0	0.7	
Target	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										

CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
AB	Action binds										
ASFB	Action spring follower binds										
BABS	Bulge at body shoulder										
BAC	Burr at chamber										
BB	Bolt binds/catches										
BCOE	Bolt catches on ejector										
BC	Blows cases										
BLOP	Bar lock or disconnector out of position										
BSCO	Barrel support came out										
CBS-F	Shells catch on bbl support-feeding										
CBS-L	Shells catch on bbl support-loading										
CC	Carrier catches on shells,mag,receiver										
CD	Case dented										
CH	Closes hard										

Subject to Protective Order - Williams v. Remington

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CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
CHAB	Carrier hits action bar										
CLM	Can't laod magazine									1	
CO	Cut-off										
CR	Cuts rim										
CS	Cases swell										
CTOG	Chamber torn or gouged										
CTP	Creepy trigger pull										
CWSB	Cams wrong side of action bar										
DBB	Doesn't blow back			4							
DCS	Double click in safety switch										
DCT	Double click in trigger										
DCU	Doesn't close-up										
DE	Doesn't eject		1	1							
DEL	Doesn't eject live round										
DFU	Doesn't feed up										
DLO	Doesn't lock open (after last shell)			1							
DLU	Doesn't lock-up									2	
DS	Dead safe										
DSM	Drops shell-magazine	2									
DTL	Doesn't trip latch										
DX	Doesn't extract										
DXL	Doesn't extract live round										
EDS	Extractor drops shell										
ESB	Ejector sticks back										
ESS	Extractor stems shell										

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CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
FA	Fires automatically										
FB	Follower binds									1	
FC	Fails to connect										
FCB	Fore-end cracked or broken										
FD	Follows-down										
FF	Fails to fire										
FFM	Fails to feed from magazine	5									
FFP	Flat firing pin										
FOS	Fires on safe										
FSR	Fires when safe is released										
GCSO	Gas cyl shot off										
GRSO	Guide ring shot off										
HPA	High pressure ammo										
HUE	Hard under extractor										
ILOP	Int. latch out of position										
ILRM	Int. latch ret. Missing										
ILSB	Int. latch stud broken										
ILSP	Int. latch spring out of position										
JL	Jumps latch	5									
JO	Jars off										
LB	Light blow										
MCSO	Magazine cap shot off										
MCW	Magazine capacity wrong										
MFA	Misfires (ammo)										
MFOP	Magazine follower out of position										

ILE0006642

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CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
MLH	Magazine loads hard										
OH	Opens hard										
PH	Pulls hard										
PSI	Proof stamp illegible										
PSM	Proof stamp missing										
RBOC	Rings and bulges on case										
RDW	(Action) release doesn't work				1						
RIC	Rings in chamber										
SBC	Stems bottom chambers	9									
SBCL	Shell binds carrier latch										
SBE	Stems bbl extension										
SCB	Stock cracked or broken									1	
SCX	Shell catches										
SHI	Short indent										
SIC	Stems in chamber									1	
SL	shaves lead										
SLC	Stems left side of chamber										
SMOC	Stretch marks on case										
SRC	Stems right side of chamber										
SRIC	Specific rings in chamber										
SSC	shell stems carrier										
STC	Stems top chamber									1	
SWE	Safety switch works too easily										
SWH	Safety switch works too hard										
SWW	Safety ewitxh won't work										

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CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
TD	Tips down										
TU	Tips up										
TWP	Trigger won't pull										
TWR	Trigger won't retract										
UNCN-T	Uncoded										
XH	Extracts hard										
XHB	Extractor hits bbl										
HI	High										
LO	Low										
LEFT	Left										
RIGHT	Right										
DG	Doesn't Group										
FSST	Front sight tipped										
RSTT	Rear sight tipped										
RSBR	Rear sight base raised										
FSTR	Front sight raised										
FSTL	Front sight loose										
RSTL	Rear sight loose										
MGPT-G	Missing parts at target										
UNCN-G	Uncoded nonconformity at target										
AI-P	Assembly incompleye at proof										
BC-P	Blows cases at proof										
BEB-P	Barrel extension broken at proof										

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CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
BLP-P	Blanked primer at proof										
BP-P	Blown primer at proof										
BS-P	Barrel split at proof										
DLOS-P	Doesn't lock over shells at proof										
ESB-P	Ejector sticks back at proof										
FCB-P	Fore-end cracked at proof										
FESO-P	Fore-end shot off at proof										
FF-P	Fails to fire at proof										
GCSO-P	Gas cylinder shot off at proof										
GRSO-P	Guide ring shot off at proof										
MCSO-P	Magazine cap shot off at proof										
MSI-P	Magnaflux stamp illegible on bbl										
MSM-P	Magnaflux stamp missing on bbl										
PP-P	Pierced primer at proof										
SCB-P	Stock cracked or broken at proof										
UNCM-P	Uncoded proof malfunctions										

ILE00066429

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Test Date:

4		211		75	
0	*0*	*1*	*0*	*0*	*0*
0.0		*0.5*		*0.0*	
4		211		75	
0	*0*	*0*	*0*	*0*	*0*
0.0		*0.0*		*0.0*	
0	*0*	*0*	*0*	*0*	*0*

870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

ILE00066430

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870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

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870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

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CONFIDENTIAL

870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

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870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

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870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U
		1			

ILE00066435

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Summary		
	Total Test + Proof Failures	903
	Total Rejected:	50
	Overall Reject Rate:	5.54

		1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
Proof	Shot:		50	98						714	
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:		0.0	0.0						0.0	
Test	Shot:			93						714	
	Rejected:	0	0	0	0	0	0	0	0	2	0
	Percent:			0.0						0.3	
Target	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										

CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
AB	Action binds										
ASFB	Action spring follower binds										
BABS	Bulge at body shoulder										
BAC	Burr at chamber										
BB	Bolt binds/catches										
BCOE	Bolt catches on ejector										
BC	Blows cases										
BLOP	Bar lock or disconnector out of position										
BSCO	Barrel support came out										
CBS-F	Shells catch on bbl support-feeding										
CBS-L	Shells catch on bbl support-loading										
CC	Carrier catches on shells,mag,receiver										
CD	Case dented										
CH	Closes hard										

ILE00066436

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CHAB	Carrier hits action bar										
CLM	Can't laod magazine										
CO	Cut-off										
CR	Cuts rim										
CS	Cases swell										
CTOG	Chamber torn or gouged										
CTP	Creepy trigger pull										
CWSB	Cams wrong side of action bar										
DBB	Doesn't blow back										
DCS	Double click in safety switch										
DCT	Double click in trigger										
DCU	Doesn't close-up										
DE	Doesn't eject										
DEL	Doesn't eject live round										
DFU	Doesn't feed up										
DLO	Doesn't lock open (after last shell)										
DLU	Doesn't lock-up										
DS	Dead safe										
DSM	Drops shell-magazine										
DTL	Doesn't trip latch										
DX	Doesn't extract										
DXL	Doesn't extract live round										
EDS	Extractor drops shell										
ESB	Ejector sticks back										
ESS	Extractor stems shell										
FA	Fires automatically										
FB	Follower binds										

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FC	Fails to connect										
FCB	Fore-end cracked or broken										
FD	Follows-down										
FF	Fails to fire										
FFM	Fails to feed from magazine										
FFP	Flat firing pin										
FOS	Fires on safe										
FSR	Fires when safe is released										
GCSO	Gas cyl shot off										
GRSO	Guide ring shot off										
HPA	High pressure ammo										
HUE	Hard under extractor										
ILOP	Int. latch out of position										
ILRM	Int. latch ret. Missing										
ILSB	Int. latch stud broken										
ILSP	Int. latch spring out of position										
JL	Jumps latch										
JO	Jars off										
LB	Light blow										
MCSO	Magazine cap shot off										
MCW	Magazine capacity wrong										
MFA	Misfires (ammo)										
MFOP	Magazine follower out of position										
MLH	Magazine loads hard										
OH	Opens hard										
PH	Pulls hard										
PSI	Proof stamp illegible										

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PSM	Proof stamp missing										
RBOC	Rings and bulges on case										
RDW	(Action) release doesn't work									1	
RIC	Rings in chamber										
SBC	Stems bottom chambers										
SBCL	Shell binds carrier latch										
SBE	Stems bbl extension										
SCB	Stock cracked or broken										
SCX	Shell catches										
SHI	Short indent										
SIC	Stems in chamber										
SL	shaves lead										
SLC	Stems left side of chamber										
SMOC	Stretch marks on case										
SRC	Stems right side of chamber										
SRIC	Specific rings in chamber										
SSC	shell stems carrier										
STC	Stems top chamber									1	
SWE	Safety switch works too easily										
SWH	Safety switch works too hard										
SWW	Safety ewitxh won't work										
TD	Tips down										
TU	Tips up										
TWP	Trigger won't pull										
TWR	Trigger won't retract										
UNCN-T	Uncoded										
XH	Extracts hard										

ILE00066439

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XHB	Extractor hits bbl										
HI	High										
LO	Low										
LEFT	Left										
RIGHT	Right										
DG	Doesn't Group										
FSST	Front sight tipped										
RSTT	Rear sight tipped										
RSBR	Rear sight base raised										
FSTR	Front sight raised										
FSTL	Front sight loose										
RSTL	Rear sight loose										
MGPT-G	Missing parts at target										
UNCN-G	Uncoded nonconformity at target										
AI-P	Assembly incompleye at proof										
BC-P	Blows cases at proof										
BEB-P	Barrel extension broken at proof										
BLP-P	Blanked primer at proof										
BP-P	Blown primer at proof										
BS-P	Barrel split at proof										
DLOS-P	Doesn't lock over shells at proof										
ESB-P	Ejector sticks back at proof										
FCB-P	Fore-end cracked at proof										
FESO-P	Fore-end shot off at proof										
FF-P	Fails to fire at proof										

ILE0006440

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GCSO-P	Gas cylinder shot off at proof										
GRSO-P	Guide ring shot off at proof										
MCSO-P	Magazine cap shot off at proof										
MSI-P	Magnaflux stamp illegible on bbl										
MSM-P	Magnaflux stamp missing on bbl										
PP-P	Pierced primer at proof										
SCB-P	Stock cracked or broken at proof										
UNCM-P	Uncoded proof malfunctions										

ILE00066441

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Test Date:

		19		103	
0	0	0	0	0	0
		0.0		0.0	
		19		77	
0	0	0	0	0	0
		0.0		0.0	
				132	
0	0	0	0	48	0
				36.4	

870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

ILE00066442

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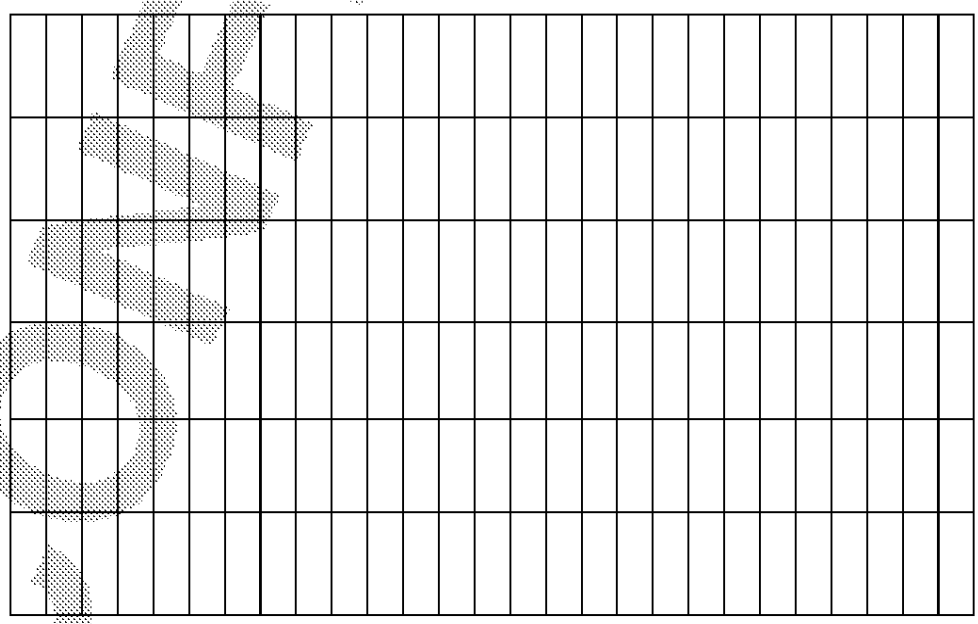

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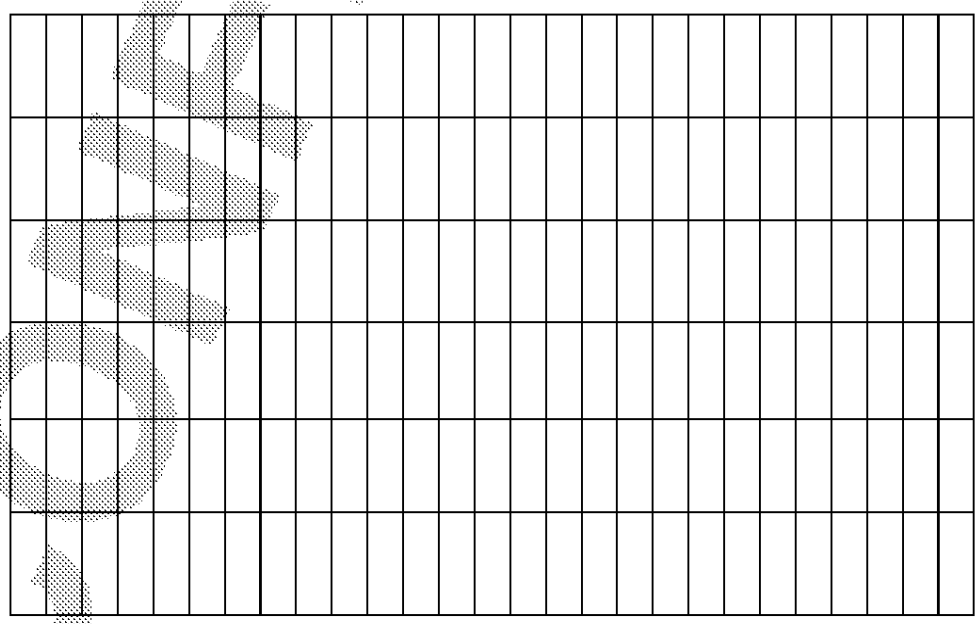

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	45												
	1												
	1												

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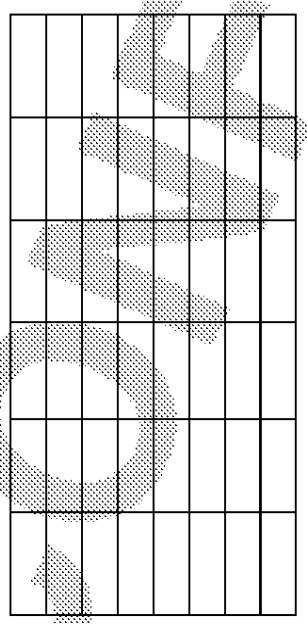

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Summary		
	Total Test + Proof Failures	0
	Total Rejected:	0
	Overall Reject Rate:	

Proof	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										
Test	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										
Target	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										

CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
AB	Action binds										
ASFB	Action spring follower binds										
BABS	Bulge at body shoulder										
BAC	Burr at chamber										
BB	Bolt binds/catches										
BCOE	Bolt catches on ejector										
BC	Blows cases										
BLOP	Bar lock or disconnector out of position										
BSCO	Barrel support came out										
CBS-F	Shells catch on bbl support-feeding										
CBS-L	Shells catch on bbl support-loading										
CC	Carrier catches on shells,mag,receiver										
CD	Case dented										
CH	Closes hard										

ILE0006648

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CHAB	Carrier hits action bar										
CLM	Can't laod magazine										
CO	Cut-off										
CR	Cuts rim										
CS	Cases swell										
CTOG	Chamber torn or gouged										
CTP	Creepy trigger pull										
CWSB	Cams wrong side of action bar										
DBB	Doesn't blow back										
DCS	Double click in safety switch										
DCT	Double click in trigger										
DCU	Doesn't close-up										
DE	Doesn't eject										
DEL	Doesn't eject live round										
DFU	Doesn't feed up										
DLO	Doesn't lock open (after last shell)										
DLU	Doesn't lock-up										
DS	Dead safe										
DSM	Drops shell-magazine										
DTL	Doesn't trip latch										
DX	Doesn't extract										
DXL	Doesn't extract live round										
EDS	Extractor drops shell										
ESB	Ejector sticks back										
ESS	Extractor stems shell										
FA	Fires automatically										
FB	Follower binds										

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FC	Fails to connect										
FCB	Fore-end cracked or broken										
FD	Follows-down										
FF	Fails to fire										
FFM	Fails to feed from magazine										
FFP	Flat firing pin										
FOS	Fires on safe										
FSR	Fires when safe is released										
GCSO	Gas cyl shot off										
GRSO	Guide ring shot off										
HPA	High pressure ammo										
HUE	Hard under extractor										
ILOP	Int. latch out of position										
ILRM	Int. latch ret. Missing										
ILSB	Int. latch stud broken										
ILSP	Int. latch spring out of position										
JL	Jumps latch										
JO	Jars off										
LB	Light blow										
MCSO	Magazine cap shot off										
MCW	Magazine capacity wrong										
MFA	Misfires (ammo)										
MFOP	Magazine follower out of position										
MLH	Magazine loads hard										
OH	Opens hard										
PH	Pulls hard										
PSI	Proof stamp illegible										

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PSM	Proof stamp missing										
RBOC	Rings and bulges on case										
RDW	(Action) release doesn't work										
RIC	Rings in chamber										
SBC	Stems bottom chambers										
SBCL	Shell binds carrier latch										
SBE	Stems bbl extension										
SCB	Stock cracked or broken										
SCX	Shell catches										
SHI	Short indent										
SIC	Stems in chamber										
SL	shaves lead										
SLC	Stems left side of chamber										
SMOC	Stretch marks on case										
SRC	Stems right side of chamber										
SRIC	Specific rings in chamber										
SSC	shell stems carrier										
STC	Stems top chamber										
SWE	Safety switch works too easily										
SWH	Safety switch works too hard										
SWW	Safety ewitxh won't work										
TD	Tips down										
TU	Tips up										
TWP	Trigger won't pull										
TWR	Trigger won't retract										
UNCN-T	Uncoded										
XH	Extracts hard										

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

XHB	Extractor hits bbl										
HI	High										
LO	Low										
LEFT	Left										
RIGHT	Right										
DG	Doesn't Group										
FSST	Front sight tipped										
RSTT	Rear sight tipped										
RSBR	Rear sight base raised										
FSTR	Front sight raised										
FSTL	Front sight loose										
RSTL	Rear sight loose										
MGPT-G	Missing parts at target										
UNCN-G	Uncoded nonconformity at target										
AI-P	Assembly incompleye at proof										
BC-P	Blows cases at proof										
BEB-P	Barrel extension broken at proof										
BLP-P	Blanked primer at proof										
BP-P	Blown primer at proof										
BS-P	Barrel split at proof										
DLOS-P	Doesn't lock over shells at proof										
ESB-P	Ejector sticks back at proof										
FCB-P	Fore-end cracked at proof										
FESO-P	Fore-end shot off at proof										
FF-P	Fails to fire at proof										

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

GCSO-P	Gas cylinder shot off at proof										
GRSO-P	Guide ring shot off at proof										
MCSO-P	Magazine cap shot off at proof										
MSI-P	Magnaflux stamp illegible on bbl										
MSM-P	Magnaflux stamp missing on bbl										
PP-P	Pierced primer at proof										
SCB-P	Stock cracked or broken at proof										
UNCM-P	Uncoded proof malfunctions										

ILE00066453

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Test Date:

0	*0*	*0*	*0*	*0*	*0*
0	*0*	*0*	*0*	*0*	*0*
0	*0*	*0*	*0*	*0*	*0*

870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

ILE00066454

CONFIDENTIAL

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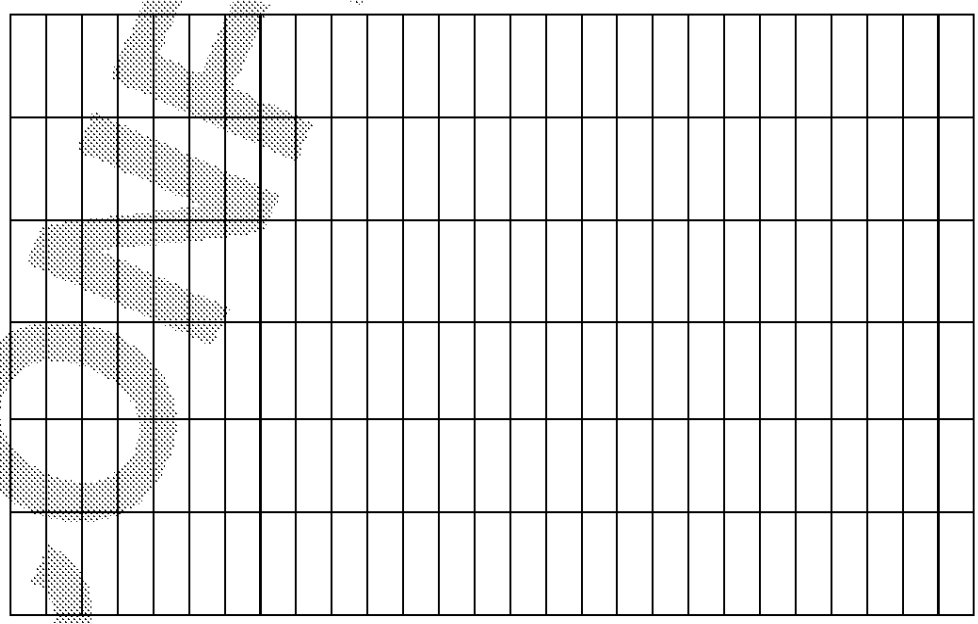
CONFIDENTIAL



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Summary		
	Total Test + Proof Failures	0
	Total Rejected:	0
	Overall Reject Rate:	

Proof	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										
Test	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										
Target	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										

CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
AB	Action binds										
ASFB	Action spring follower binds										
BABS	Bulge at body shoulder										
BAC	Burr at chamber										
BB	Bolt binds/catches										
BCOE	Bolt catches on ejector										
BC	Blows cases										
BLOP	Bar lock or disconnector out of position										
BSCO	Barrel support came out										
CBS-F	Shells catch on bbl support-feeding										
CBS-L	Shells catch on bbl support-loading										
CC	Carrier catches on shells,mag,receiver										
CD	Case dented										
CH	Closes hard										

ILE0006460

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

CHAB	Carrier hits action bar										
CLM	Can't laod magazine										
CO	Cut-off										
CR	Cuts rim										
CS	Cases swell										
CTOG	Chamber torn or gouged										
CTP	Creepy trigger pull										
CWSB	Cams wrong side of action bar										
DBB	Doesn't blow back										
DCS	Double click in safety switch										
DCT	Double click in trigger										
DCU	Doesn't close-up										
DE	Doesn't eject										
DEL	Doesn't eject live round										
DFU	Doesn't feed up										
DLO	Doesn't lock open (after last shell)										
DLU	Doesn't lock-up										
DS	Dead safe										
DSM	Drops shell-magazine										
DTL	Doesn't trip latch										
DX	Doesn't extract										
DXL	Doesn't extract live round										
EDS	Extractor drops shell										
ESB	Ejector sticks back										
ESS	Extractor stems shell										
FA	Fires automatically										
FB	Follower binds										

ILE00066461

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

FC	Fails to connect										
FCB	Fore-end cracked or broken										
FD	Follows-down										
FF	Fails to fire										
FFM	Fails to feed from magazine										
FFP	Flat firing pin										
FOS	Fires on safe										
FSR	Fires when safe is released										
GCSO	Gas cyl shot off										
GRSO	Guide ring shot off										
HPA	High pressure ammo										
HUE	Hard under extractor										
ILOP	Int. latch out of position										
ILRM	Int. latch ret. Missing										
ILSB	Int. latch stud broken										
ILSP	Int. latch spring out of position										
JL	Jumps latch										
JO	Jars off										
LB	Light blow										
MCSO	Magazine cap shot off										
MCW	Magazine capacity wrong										
MFA	Misfires (ammo)										
MFOP	Magazine follower out of position										
MLH	Magazine loads hard										
OH	Opens hard										
PH	Pulls hard										
PSI	Proof stamp illegible										

ILE0006646

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

PSM	Proof stamp missing										
RBOC	Rings and bulges on case										
RDW	(Action) release doesn't work										
RIC	Rings in chamber										
SBC	Stems bottom chambers										
SBCL	Shell binds carrier latch										
SBE	Stems bbl extension										
SCB	Stock cracked or broken										
SCX	Shell catches										
SHI	Short indent										
SIC	Stems in chamber										
SL	shaves lead										
SLC	Stems left side of chamber										
SMOC	Stretch marks on case										
SRC	Stems right side of chamber										
SRIC	Specific rings in chamber										
SSC	shell stems carrier										
STC	Stems top chamber										
SWE	Safety switch works too easily										
SWH	Safety switch works too hard										
SWW	Safety ewitxh won't work										
TD	Tips down										
TU	Tips up										
TWP	Trigger won't pull										
TWR	Trigger won't retract										
UNCN-T	Uncoded										
XH	Extracts hard										

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

XHB	Extractor hits bbl										
HI	High										
LO	Low										
LEFT	Left										
RIGHT	Right										
DG	Doesn't Group										
FSST	Front sight tipped										
RSTT	Rear sight tipped										
RSBR	Rear sight base raised										
FSTR	Front sight raised										
FSTL	Front sight loose										
RSTL	Rear sight loose										
MGPT-G	Missing parts at target										
UNCN-G	Uncoded nonconformity at target										
AI-P	Assembly incompleye at proof										
BC-P	Blows cases at proof										
BEB-P	Barrel extension broken at proof										
BLP-P	Blanked primer at proof										
BP-P	Blown primer at proof										
BS-P	Barrel split at proof										
DLOS-P	Doesn't lock over shells at proof										
ESB-P	Ejector sticks back at proof										
FCB-P	Fore-end cracked at proof										
FESO-P	Fore-end shot off at proof										
FF-P	Fails to fire at proof										

ILE0006646

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

GCSO-P	Gas cylinder shot off at proof										
GRSO-P	Guide ring shot off at proof										
MCSO-P	Magazine cap shot off at proof										
MSI-P	Magnaflux stamp illegible on bbl										
MSM-P	Magnaflux stamp missing on bbl										
PP-P	Pierced primer at proof										
SCB-P	Stock cracked or broken at proof										
UNCM-P	Uncoded proof malfunctions										

ILE00066465

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Test Date:

0	*0*	*0*	*0*	*0*	*0*
0	*0*	*0*	*0*	*0*	*0*
0	*0*	*0*	*0*	*0*	*0*

870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

ILE00066466

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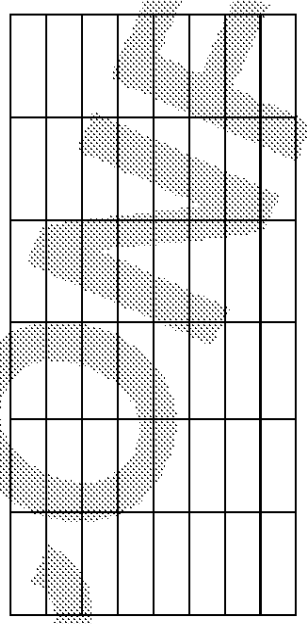

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Summary	**Total Test + Proof Failures**	**1414**									
	Total Rejected:	**15**									
	Overall Reject Rate:	**1.06**									
Proof	*Shot:*			207					26	601	
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:			0.0					0.0	0.0	
Test	*Shot:*			252						600	
	Rejected:	0	0	5	0	0	0	0	0	6	0
	Percent:			2.0						1.0	
Target	*Shot:*										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										

CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
AB	Action binds									2	
ASFB	Action spring follower binds										
BABS	Bulge at body shoulder										
BAC	Burr at chamber										
BB	Bolt binds/catches										
BCOE	Bolt catches on ejector										
BC	Blows cases										
BLOP	Bar lock or disconnector out of position										
BSCO	Barrel support came out										
CBS-F	Shells catch on bbl support-feeding										
CBS-L	Shells catch on bbl support-loading										
CC	Carrier catches on shells,mag,receiver										
CD	Case dented										
CH	Closes hard										

ILE00066472

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

CHAB	Carrier hits action bar										
CLM	Can't laod magazine										
CO	Cut-off										
CR	Cuts rim										
CS	Cases swell										
CTOG	Chamber torn or gouged										
CTP	Creepy trigger pull										
CWSB	Cams wrong side of action bar										
DBB	Doesn't blow back										
DCS	Double click in safety switch										
DCT	Double click in trigger										
DCU	Doesn't close-up										
DE	Doesn't eject										
DEL	Doesn't eject live round										
DFU	Doesn't feed up										
DLO	Doesn't lock open (after last shell)										
DLU	Doesn't lock-up										
DS	Dead safe										
DSM	Drops shell-magazine										
DTL	Doesn't trip latch										
DX	Doesn't extract										
DXL	Doesn't extract live round										
EDS	Extractor drops shell										
ESB	Ejector sticks back										
ESS	Extractor stems shell										
FA	Fires automatically										
FB	Follower binds										

ILE00066473

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

FC	Fails to connect										
FCB	Fore-end cracked or broken										
FD	Follows-down										
FF	Fails to fire										
FFM	Fails to feed from magazine									1	
FFP	Flat firing pin										
FOS	Fires on safe										
FSR	Fires when safe is released										
GCSO	Gas cyl shot off										
GRSO	Guide ring shot off									2	
HPA	High pressure ammo										
HUE	Hard under extractor										
ILOP	Int. latch out of position										
ILRM	Int. latch ret. Missing										
ILSB	Int. latch stud broken										
ILSP	Int. latch spring out of position										
JL	Jumps latch										
JO	Jars off										
LB	Light blow										
MCSO	Magazine cap shot off										
MCW	Magazine capacity wrong										
MFA	Misfires (ammo)										
MFOP	Magazine follower out of position										
MLH	Magazine loads hard										
OH	Opens hard										
PH	Pulls hard										
PSI	Proof stamp illegible										

ILE0006647

Subject to Protective Order - Williams v. Remington

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PSM	Proof stamp missing										
RBOC	Rings and bulges on case										
RDW	(Action) release doesn't work										
RIC	Rings in chamber										
SBC	Stems bottom chambers										
SBCL	Shell binds carrier latch										
SBE	Stems bbl extension										
SCB	Stock cracked or broken										
SCX	Shell catches										
SHI	Short indent										
SIC	Stems in chamber										
SL	shaves lead										
SLC	Stems left side of chamber										
SMOC	Stretch marks on case										
SRC	Stems right side of chamber										
SRIC	Specific rings in chamber										
SSC	shell stems carrier										
STC	Stems top chamber										
SWE	Safety switch works too easily										
SWH	Safety switch works too hard										
SWW	Safety ewitxh won't work									1	
TD	Tips down										
TU	Tips up										
TWP	Trigger won't pull										
TWR	Trigger won't retract										
UNCN-T	Uncoded										
XH	Extracts hard										

ILE0006647

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

XHB	Extractor hits bbl										
HI	High										
LO	Low										
LEFT	Left										
RIGHT	Right										
DG	Doesn't Group										
FSST	Front sight tipped										
RSTT	Rear sight tipped										
RSBR	Rear sight base raised										
FSTR	Front sight raised										
FSTL	Front sight loose										
RSTL	Rear sight loose										
MGPT-G	Missing parts at target										
UNCN-G	Uncoded nonconformity at target										
AI-P	Assembly incompleye at proof										
BC-P	Blows cases at proof										
BEB-P	Barrel extension broken at proof										
BLP-P	Blanked primer at proof										
BP-P	Blown primer at proof										
BS-P	Barrel split at proof										
DLOS-P	Doesn't lock over shells at proof										
ESB-P	Ejector sticks back at proof										
FCB-P	Fore-end cracked at proof										
FESO-P	Fore-end shot off at proof										
FF-P	Fails to fire at proof										

ILE0006647

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GCSO-P	Gas cylinder shot off at proof										
GRSO-P	Guide ring shot off at proof										
MCSO-P	Magazine cap shot off at proof										
MSI-P	Magnaflux stamp illegible on bbl										
MSM-P	Magnaflux stamp missing on bbl										
PP-P	Pierced primer at proof										
SCB-P	Stock cracked or broken at proof										
UNCM-P	Uncoded proof malfunctions										

ILE0006647

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Test Date:

97		411		58	
0	*0*	*0*	*0*	*0*	*0*
0.0		*0.0*		*0.0*	
97		409		56	
0	*0*	*4*	*0*	*0*	*0*
0.0		*1.0*		*0.0*	
0	*0*	*0*	*0*	*0*	*0*

870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

ILE00066478

CONFIDENTIAL

																					1				

											1	1														

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

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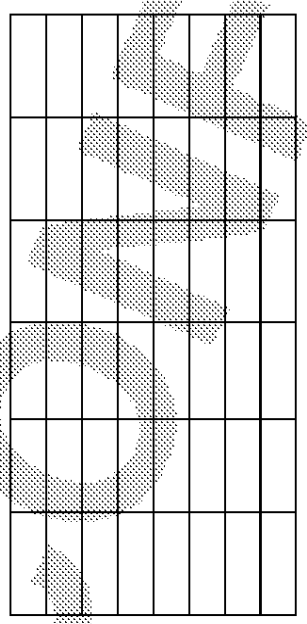

Subject to Protective Order - Williams v. Remington

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CONFIDENTIAL

Summary		
	Total Test + Proof Failures	1408
	Total Rejected:	52
	Overall Reject Rate:	3.69

		1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
Proof	Shot:			209						913	
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:			0.0						0.0	
Test	Shot:	26		224					31	913	
	Rejected:	18	0	12	0	0	0	0	11	7	0
	Percent:	69.2		5.4					35.5	0.8	
Target	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										

CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
AB	Action binds									2	
ASFB	Action spring follower binds										
BABS	Bulge at body shoulder										
BAC	Burr at chamber										
BB	Bolt binds/catches										
BCOE	Bolt catches on ejector										
BC	Blows cases										
BLOP	Bar lock or disconnector out of position									2	
BSCO	Barrel support came out										
CBS-F	Shells catch on bbl support-feeding										
CBS-L	Shells catch on bbl support-loading										
CC	Carrier catches on shells,mag,receiver	1									
CD	Case dented										
CH	Closes hard										

ILE00066484

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

CHAB	Carrier hits action bar										
CLM	Can't laod magazine										
CO	Cut-off										
CR	Cuts rim										
CS	Cases swell										
CTOG	Chamber torn or gouged										
CTP	Creepy trigger pull										
CWSB	Cams wrong side of action bar										
DBB	Doesn't blow back			12					1		
DCS	Double click in safety switch										
DCT	Double click in trigger										
DCU	Doesn't close-up										
DE	Doesn't eject	1									
DEL	Doesn't eject live round										
DFU	Doesn't feed up										
DLO	Doesn't lock open (after last shell)										
DLU	Doesn't lock-up										
DS	Dead safe										
DSM	Drops shell-magazine										
DTL	Doesn't trip latch	1									
DX	Doesn't extract										
DXL	Doesn't extract live round										
EDS	Extractor drops shell										
ESB	Ejector sticks back										
ESS	Extractor stems shell								1		
FA	Fires automatically										
FB	Follower binds										

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

FC	Fails to connect										
FCB	Fore-end cracked or broken										
FD	Follows-down										
FF	Fails to fire										
FFM	Fails to feed from magazine								2		
FFP	Flat firing pin										
FOS	Fires on safe										
FSR	Fires when safe is released										
GCSO	Gas cyl shot off										
GRSO	Guide ring shot off									1	
HPA	High pressure ammo										
HUE	Hard under extractor	1							2	1	
ILOP	Int. latch out of position										
ILRM	Int. latch ret. Missing										
ILSB	Int. latch stud broken										
ILSP	Int. latch spring out of position										
JL	Jumps latch	1									
JO	Jars off										
LB	Light blow										
MCSO	Magazine cap shot off										
MCW	Magazine capacity wrong										
MFA	Misfires (ammo)										
MFOP	Magazine follower out of position										
MLH	Magazine loads hard										
OH	Opens hard										
PH	Pulls hard										
PSI	Proof stamp illegible										

ILE0006648

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

PSM	Proof stamp missing										
RBOC	Rings and bulges on case										
RDW	(Action) release doesn't work										
RIC	Rings in chamber										
SBC	Stems bottom chambers	12									
SBCL	Shell binds carrier latch										
SBE	Stems bbl extension										
SCB	Stock cracked or broken										
SCX	Shell catches										
SHI	Short indent										
SIC	Stems in chamber										
SL	shaves lead										
SLC	Stems left side of chamber								3		
SMOC	Stretch marks on case										
SRC	Stems right side of chamber	1							1		
SRIC	Specific rings in chamber										
SSC	shell stems carrier										
STC	Stems top chamber								1	1	
SWE	Safety switch works too easily										
SWH	Safety switch works too hard										
SWW	Safety ewitxh won't work										
TD	Tips down										
TU	Tips up										
TWP	Trigger won't pull										
TWR	Trigger won't retract										
UNCN-T	Uncoded										
XH	Extracts hard										

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

XHB	Extractor hits bbl										
HI	High										
LO	Low										
LEFT	Left										
RIGHT	Right										
DG	Doesn't Group										
FSST	Front sight tipped										
RSTT	Rear sight tipped										
RSBR	Rear sight base raised										
FSTR	Front sight raised										
FSTL	Front sight loose										
RSTL	Rear sight loose										
MGPT-G	Missing parts at target										
UNCN-G	Uncoded nonconformity at target										
AI-P	Assembly incompleye at proof										
BC-P	Blows cases at proof										
BEB-P	Barrel extension broken at proof										
BLP-P	Blanked primer at proof										
BP-P	Blown primer at proof										
BS-P	Barrel split at proof										
DLOS-P	Doesn't lock over shells at proof										
ESB-P	Ejector sticks back at proof										
FCB-P	Fore-end cracked at proof										
FESO-P	Fore-end shot off at proof										
FF-P	Fails to fire at proof										

ILE0006648

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

GCSO-P	Gas cylinder shot off at proof										
GRSO-P	Guide ring shot off at proof										
MCSO-P	Magazine cap shot off at proof										
MSI-P	Magnaflux stamp illegible on bbl										
MSM-P	Magnaflux stamp missing on bbl										
PP-P	Pierced primer at proof										
SCB-P	Stock cracked or broken at proof										
UNCM-P	Uncoded proof malfunctions										

ILE00066489

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

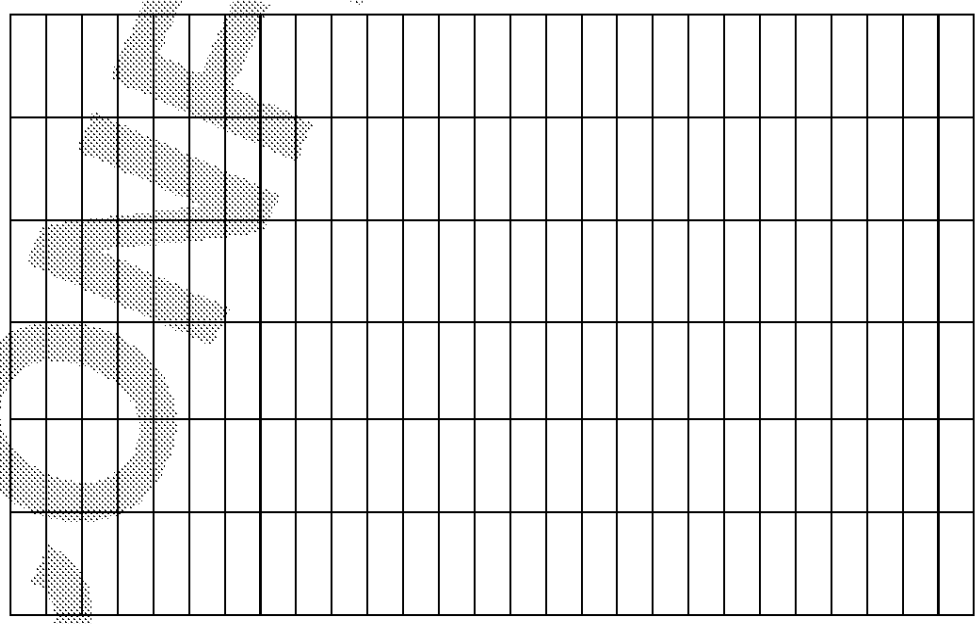
Test Date:

		79		90	
0	*0*	*0*	*0*	*0*	*0*
		0.0		*0.0*	
		79		135	
0	*0*	*1*	*0*	*0*	*0*
		1.3		*0.0*	
				110	
0	*0*	*0*	*0*	*3*	*0*
				2.7	

870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U
		1			

ILE00066490

CONFIDENTIAL



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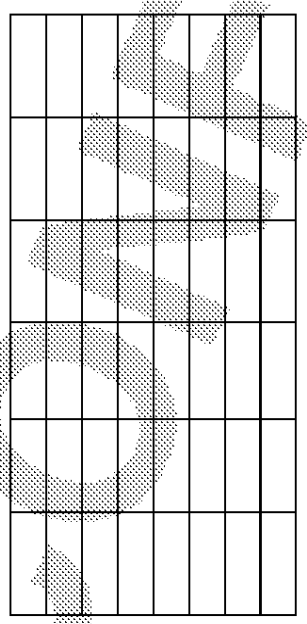
CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

	1	1		1									

CONFIDENTIAL



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Summary		
	Total Test + Proof Failures	1244
	Total Rejected:	27
	Overall Reject Rate:	2.17

		1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
Proof	Shot:	13	60	143					17	598	
	Rejected:	0	0	0	0	0	0	0	0	3	0
	Percent:	0.0	0.0	0.0					0.0	0.5	
Test	Shot:	38	65	47	32					598	
	Rejected:	10	1	0	2	0	0	0	0	3	0
	Percent:	26.3	1.5	0.0	6.3					0.5	
Target	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										

CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
AB	Action binds	2								1	
ASFB	Action spring follower binds										
BABS	Bulge at body shoulder										
BAC	Burr at chamber										
BB	Bolt binds/catches										
BCOE	Bolt catches on ejector										
BC	Blows cases										
BLOP	Bar lock or disconnector out of position										
BSCO	Barrel support came out										
CBS-F	Shells catch on bbl support-feeding										
CBS-L	Shells catch on bbl support-loading										
CC	Carrier catches on shells,mag,receiver										
CD	Case dented										
CH	Closes hard										

ILE00066496

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

CHAB	Carrier hits action bar										
CLM	Can't laod magazine										
CO	Cut-off										
CR	Cuts rim										
CS	Cases swell										
CTOG	Chamber torn or gouged										
CTP	Creepy trigger pull										
CWSB	Cams wrong side of action bar										
DBB	Doesn't blow back										
DCS	Double click in safety switch										
DCT	Double click in trigger										
DCU	Doesn't close-up										
DE	Doesn't eject										
DEL	Doesn't eject live round										
DFU	Doesn't feed up										
DLO	Doesn't lock open (after last shell)										
DLU	Doesn't lock-up										
DS	Dead safe										
DSM	Drops shell-magazine										
DTL	Doesn't trip latch										
DX	Doesn't extract										
DXL	Doesn't extract live round										
EDS	Extractor drops shell										
ESB	Ejector sticks back										
ESS	Extractor stems shell										
FA	Fires automatically										
FB	Follower binds										

ILE0006649

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

FC	Fails to connect										
FCB	Fore-end cracked or broken										
FD	Follows-down										
FF	Fails to fire										
FFM	Fails to feed from magazine		1								
FFP	Flat firing pin										
FOS	Fires on safe										
FSR	Fires when safe is released										
GCSO	Gas cyl shot off										
GRSO	Guide ring shot off										
HPA	High pressure ammo										
HUE	Hard under extractor										
ILOP	Int. latch out of position										
ILRM	Int. latch ret. Missing										
ILSB	Int. latch stud broken										
ILSP	Int. latch spring out of position										
JL	Jumps latch	4									
JO	Jars off										
LB	Light blow										
MCSO	Magazine cap shot off										
MCW	Magazine capacity wrong										
MFA	Misfires (ammo)										
MFOP	Magazine follower out of position										
MLH	Magazine loads hard										
OH	Opens hard										
PH	Pulls hard										
PSI	Proof stamp illegible										

ILE0006649

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

PSM	Proof stamp missing										
RBOC	Rings and bulges on case										
RDW	(Action) release doesn't work										
RIC	Rings in chamber										
SBC	Stems bottom chambers										
SBCL	Shell binds carrier latch										
SBE	Stems bbl extension										
SCB	Stock cracked or broken										
SCX	Shell catches										
SHI	Short indent										
SIC	Stems in chamber										
SL	shaves lead										
SLC	Stems left side of chamber	2									
SMOC	Stretch marks on case										
SRC	Stems right side of chamber										
SRIC	Specific rings in chamber										
SSC	shell stems carrier										
STC	Stems top chamber	2								2	
SWE	Safety switch works too easily										
SWH	Safety switch works too hard										
SWW	Safety ewitxh won't work										
TD	Tips down										
TU	Tips up										
TWP	Trigger won't pull										
TWR	Trigger won't retract										
UNCN-T	Uncoded										
XH	Extracts hard										

ILE0006649

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

XHB	Extractor hits bbl										
HI	High										
LO	Low										
LEFT	Left										
RIGHT	Right										
DG	Doesn't Group										
FSST	Front sight tipped										
RSTT	Rear sight tipped										
RSBR	Rear sight base raised										
FSTR	Front sight raised										
FSTL	Front sight loose										
RSTL	Rear sight loose										
MGPT-G	Missing parts at target										
UNCN-G	Uncoded nonconformity at target										
AI-P	Assembly incompleye at proof										
BC-P	Blows cases at proof										
BEB-P	Barrel extension broken at proof										
BLP-P	Blanked primer at proof										
BP-P	Blown primer at proof										
BS-P	Barrel split at proof										
DLOS-P	Doesn't lock over shells at proof										
ESB-P	Ejector sticks back at proof										
FCB-P	Fore-end cracked at proof										
FESO-P	Fore-end shot off at proof										
FF-P	Fails to fire at proof										

ILE0006650

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CONFIDENTIAL

GCSO-P	Gas cylinder shot off at proof										
GRSO-P	Guide ring shot off at proof										
MCSO-P	Magazine cap shot off at proof										
MSI-P	Magnaflux stamp illegible on bbl										
MSM-P	Magnaflux stamp missing on bbl										
PP-P	Pierced primer at proof										
SCB-P	Stock cracked or broken at proof									3	
UNCM-P	Uncoded proof malfunctions										

ILE0006650

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

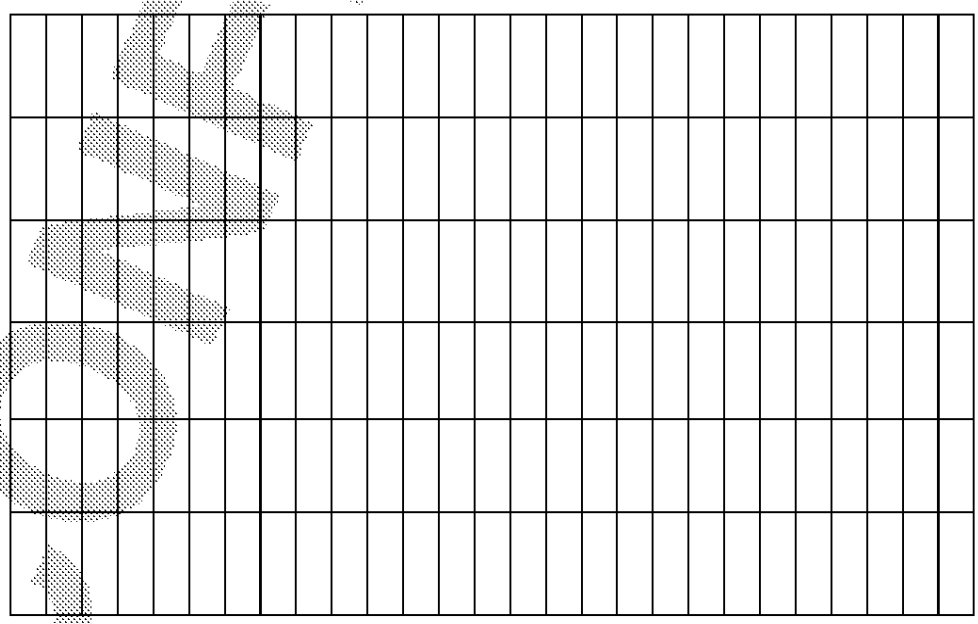
Test Date:

99		257		35	
0	*0*	*0*	*0*	*0*	*0*
0.0		*0.0*		*0.0*	
99		257		105	
0	*0*	*0*	*0*	*0*	*0*
0.0		*0.0*		*0.0*	
				97	
0	*0*	*0*	*0*	*8*	*0*
				8.2	

870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

ILE00066502

CONFIDENTIAL



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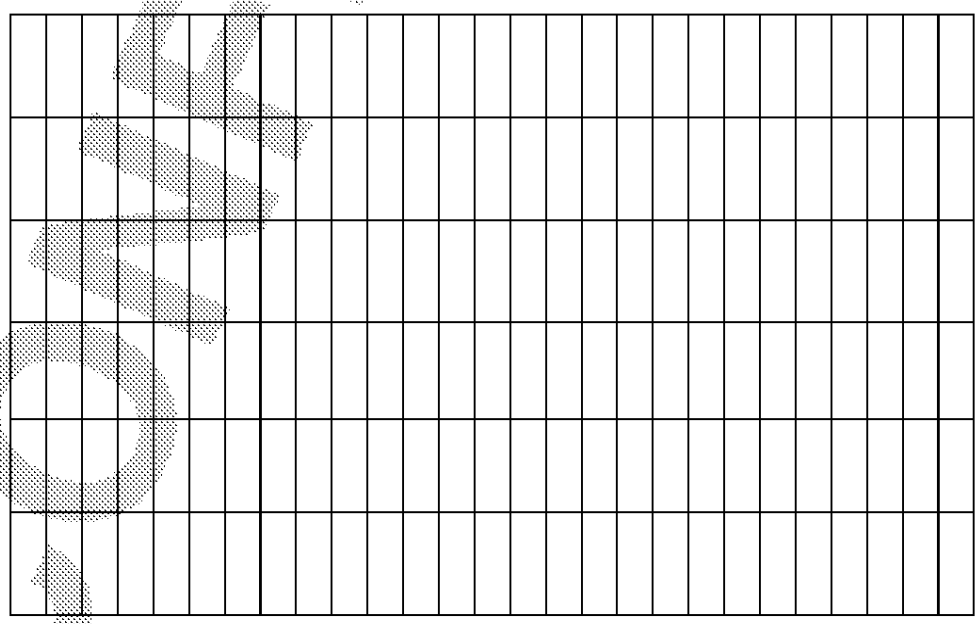
CONFIDENTIAL



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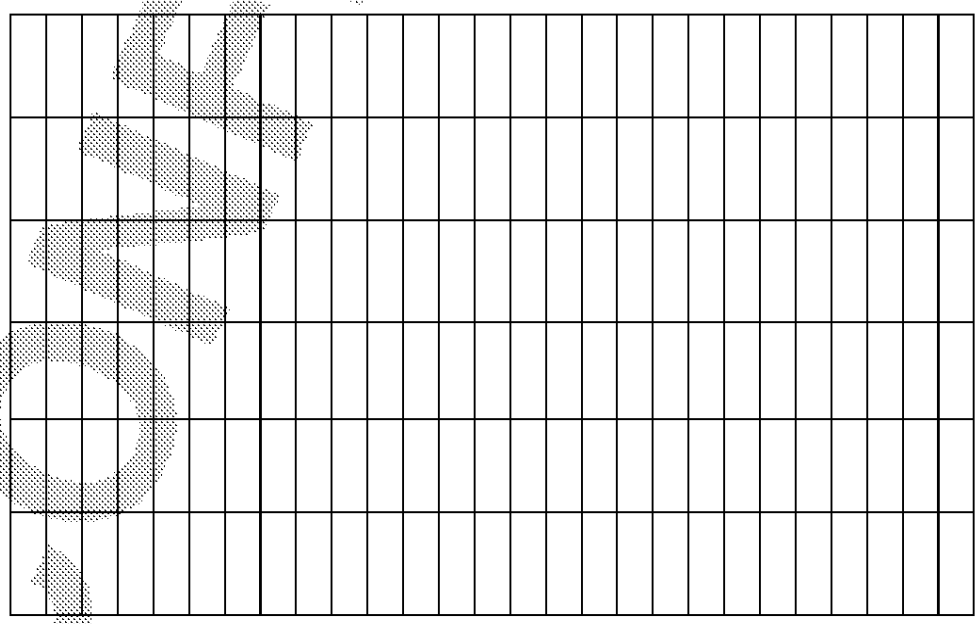
CONFIDENTIAL



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CONFIDENTIAL

	2												
	2												
	4												

CONFIDENTIAL

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Summary			
	Total Test + Proof Failures	1350	
	Total Rejected:	70	
	Overall Reject Rate:	5.19	

Proof	Shot:	38	144							681	
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:	0.0	0.0							0.0	
Test	Shot:	78	94	20					25	681	
	Rejected:	42	6	1	0	0	0	0	15	4	0
	Percent:	53.8	6.4	5.0					60.0	0.6	
Target	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										

CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
AB	Action binds	4									
ASFB	Action spring follower binds										
BABS	Bulge at body shoulder										
BAC	Burr at chamber										
BB	Bolt binds/catches										
BCOE	Bolt catches on ejector										
BC	Blows cases										
BLOP	Bar lock or disconnector out of position										
BSCO	Barrel support came out										
CBS-F	Shells catch on bbl support-feeding										
CBS-L	Shells catch on bbl support-loading										
CC	Carrier catches on shells,mag,receiver										
CD	Case dented										
CH	Closes hard										

ILE00066508

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

CHAB	Carrier hits action bar										
CLM	Can't laod magazine										
CO	Cut-off										
CR	Cuts rim										
CS	Cases swell										
CTOG	Chamber torn or gouged										
CTP	Creepy trigger pull										
CWSB	Cams wrong side of action bar										
DBB	Doesn't blow back								2		
DCS	Double click in safety switch										
DCT	Double click in trigger										
DCU	Doesn't close-up		1								
DE	Doesn't eject									1	
DEL	Doesn't eject live round										
DFU	Doesn't feed up	1	1								
DLO	Doesn't lock open (after last shell)										
DLU	Doesn't lock-up										
DS	Dead safe										
DSM	Drops shell-magazine	1									
DTL	Doesn't trip latch										
DX	Doesn't extract										
DXL	Doesn't extract live round										
EDS	Extractor drops shell								1		
ESB	Ejector sticks back										
ESS	Extractor stems shell										
FA	Fires automatically										
FB	Follower binds										

ILE0006650

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

FC	Fails to connect										
FCB	Fore-end cracked or broken										
FD	Follows-down										
FF	Fails to fire										
FFM	Fails to feed from magazine	7	1						6		
FFP	Flat firing pin										
FOS	Fires on safe										
FSR	Fires when safe is released										
GCSO	Gas cyl shot off										
GRSO	Guide ring shot off									1	
HPA	High pressure ammo										
HUE	Hard under extractor	4									
ILOP	Int. latch out of position		1								
ILRM	Int. latch ret. Missing	1	2								
ILSB	Int. latch stud broken										
ILSP	Int. latch spring out of position										
JL	Jumps latch	6									
JO	Jars off										
LB	Light blow										
MCSO	Magazine cap shot off										
MCW	Magazine capacity wrong										
MFA	Misfires (ammo)										
MFOP	Magazine follower out of position										
MLH	Magazine loads hard										
OH	Opens hard										
PH	Pulls hard										
PSI	Proof stamp illegible										

ILE0006651

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

PSM	Proof stamp missing										
RBOC	Rings and bulges on case										
RDW	(Action) release doesn't work			1							
RIC	Rings in chamber										
SBC	Stems bottom chambers	14							1		
SBCL	Shell binds carrier latch										
SBE	Stems bbl extension										
SCB	Stock cracked or broken										
SCX	Shell catches										
SHI	Short indent										
SIC	Stems in chamber										
SL	shaves lead										
SLC	Stems left side of chamber	3							3		
SMOC	Stretch marks on case										
SRC	Stems right side of chamber								2		
SRIC	Specific rings in chamber										
SSC	shell stems carrier										
STC	Stems top chamber	1								2	
SWE	Safety switch works too easily										
SWH	Safety switch works too hard										
SWW	Safety ewitxh won't work										
TD	Tips down										
TU	Tips up										
TWP	Trigger won't pull										
TWR	Trigger won't retract										
UNCN-T	Uncoded										
XH	Extracts hard										

ILE0006651

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

XHB	Extractor hits bbl										
HI	High										
LO	Low										
LEFT	Left										
RIGHT	Right										
DG	Doesn't Group										
FSST	Front sight tipped										
RSTT	Rear sight tipped										
RSBR	Rear sight base raised										
FSTR	Front sight raised										
FSTL	Front sight loose										
RSTL	Rear sight loose										
MGPT-G	Missing parts at target										
UNCN-G	Uncoded nonconformity at target										
AI-P	Assembly incompleye at proof										
BC-P	Blows cases at proof										
BEB-P	Barrel extension broken at proof										
BLP-P	Blanked primer at proof										
BP-P	Blown primer at proof										
BS-P	Barrel split at proof										
DLOS-P	Doesn't lock over shells at proof										
ESB-P	Ejector sticks back at proof										
FCB-P	Fore-end cracked at proof										
FESO-P	Fore-end shot off at proof										
FF-P	Fails to fire at proof										

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

GCSO-P	Gas cylinder shot off at proof										
GRSO-P	Guide ring shot off at proof										
MCSO-P	Magazine cap shot off at proof										
MSI-P	Magnaflux stamp illegible on bbl										
MSM-P	Magnaflux stamp missing on bbl										
PP-P	Pierced primer at proof										
SCB-P	Stock cracked or broken at proof										
UNCM-P	Uncoded proof malfunctions										

ILE0006651

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CONFIDENTIAL

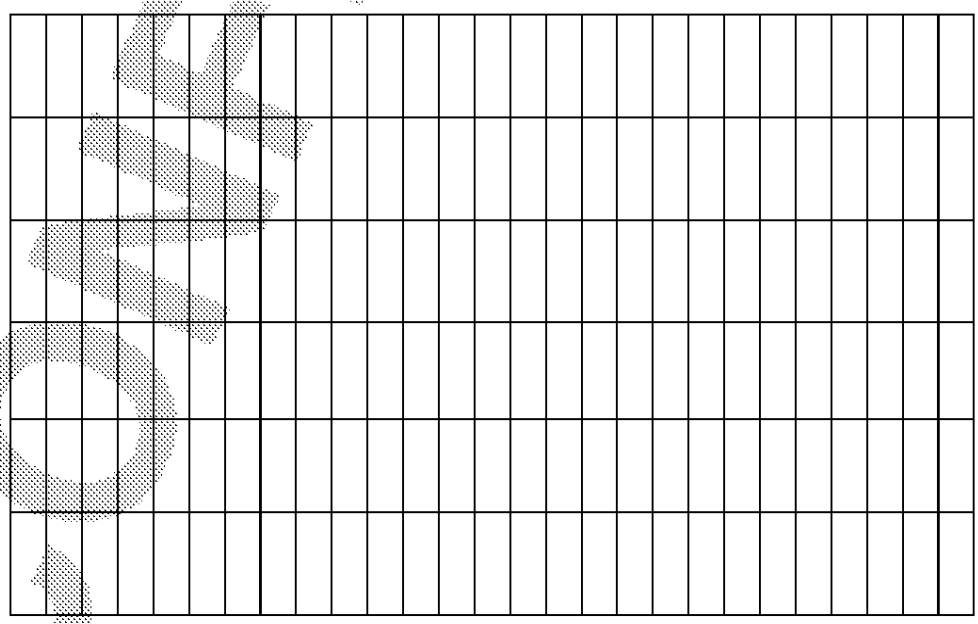
Test Date:

344		3		81	
0	*0*	*0*	*0*	*0*	*0*
0.0		*0.0*		*0.0*	
344		3		102	3
0	*0*	*0*	*0*	*0*	*0*
0.0		*0.0*		*0.0*	
				40	
0	*0*	*0*	*0*	*2*	*0*
				5.0	

870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

ILE00066514

CONFIDENTIAL



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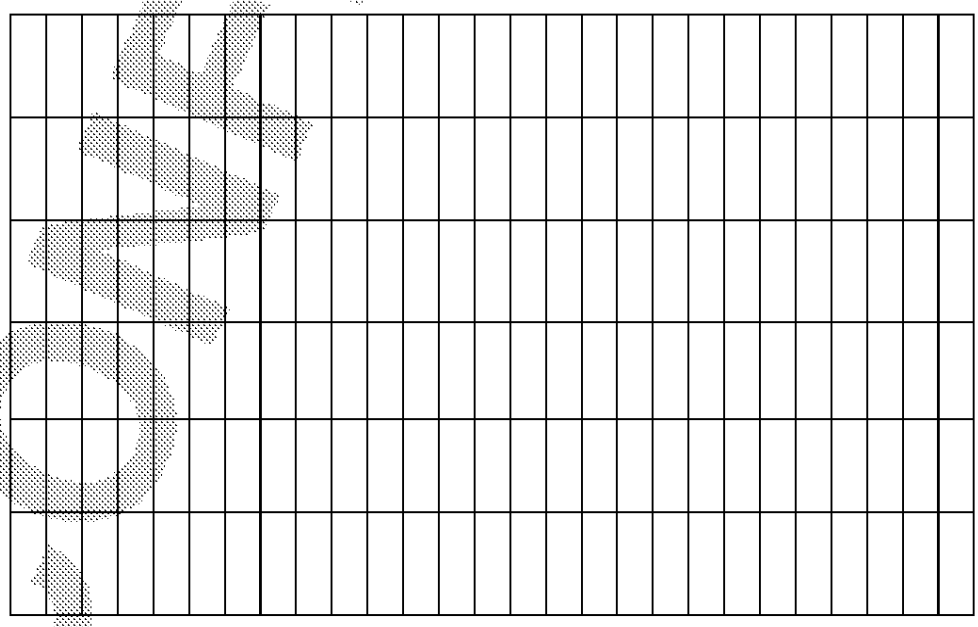

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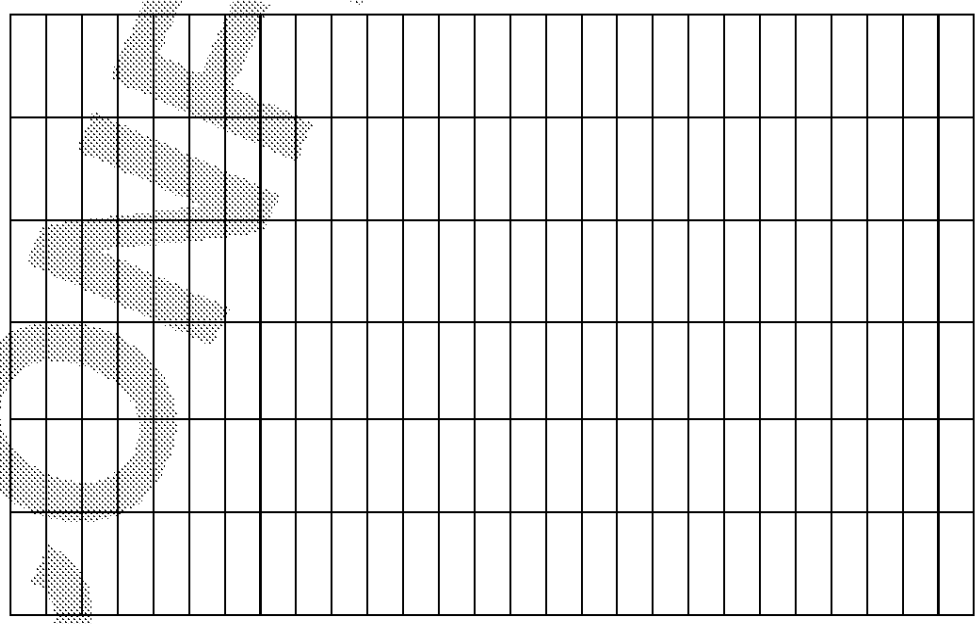

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Summary		
	Total Test + Proof Failures	1208
	Total Rejected:	20
	Overall Reject Rate:	1.66

		1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
Proof	Shot:	74							142	624	
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:	0.0							0.0	0.0	
Test	Shot:		30						52	624	
	Rejected:	0	0	0	0	0	0	0	9	1	0
	Percent:		0.0						17.3	0.2	
Target	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										

CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
AB	Action binds										
ASFB	Action spring follower binds										
BABS	Bulge at body shoulder										
BAC	Burr at chamber										
BB	Bolt binds/catches										
BCOE	Bolt catches on ejector										
BC	Blows cases										
BLOP	Bar lock or disconnector out of position										
BSCO	Barrel support came out										
CBS-F	Shells catch on bbl support-feeding										
CBS-L	Shells catch on bbl support-loading										
CC	Carrier catches on shells,mag,receiver										
CD	Case dented										
CH	Closes hard										

ILE0006652O

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CONFIDENTIAL

CHAB	Carrier hits action bar										
CLM	Can't laod magazine										
CO	Cut-off										
CR	Cuts rim										
CS	Cases swell										
CTOG	Chamber torn or gouged										
CTP	Creepy trigger pull										
CWSB	Cams wrong side of action bar										
DBB	Doesn't blow back										
DCS	Double click in safety switch										
DCT	Double click in trigger										
DCU	Doesn't close-up										
DE	Doesn't eject										
DEL	Doesn't eject live round										
DFU	Doesn't feed up								4		
DLO	Doesn't lock open (after last shell)										
DLU	Doesn't lock-up										
DS	Dead safe										
DSM	Drops shell-magazine										
DTL	Doesn't trip latch										
DX	Doesn't extract										
DXL	Doesn't extract live round										
EDS	Extractor drops shell								5		
ESB	Ejector sticks back										
ESS	Extractor stems shell										
FA	Fires automatically										
FB	Follower binds										

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FC	Fails to connect										
FCB	Fore-end cracked or broken										
FD	Follows-down										
FF	Fails to fire										
FFM	Fails to feed from magazine										
FFP	Flat firing pin										
FOS	Fires on safe										
FSR	Fires when safe is released										
GCSO	Gas cyl shot off										
GRSO	Guide ring shot off										
HPA	High pressure ammo										
HUE	Hard under extractor										
ILOP	Int. latch out of position										
ILRM	Int. latch ret. Missing										
ILSB	Int. latch stud broken										
ILSP	Int. latch spring out of position										
JL	Jumps latch										
JO	Jars off										
LB	Light blow										
MCSO	Magazine cap shot off										
MCW	Magazine capacity wrong										
MFA	Misfires (ammo)										
MFOP	Magazine follower out of position										
MLH	Magazine loads hard										
OH	Opens hard										
PH	Pulls hard										
PSI	Proof stamp illegible										

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

PSM	Proof stamp missing										
RBOC	Rings and bulges on case										
RDW	(Action) release doesn't work										
RIC	Rings in chamber										
SBC	Stems bottom chambers										
SBCL	Shell binds carrier latch										
SBE	Stems bbl extension										
SCB	Stock cracked or broken										
SCX	Shell catches										
SHI	Short indent										
SIC	Stems in chamber										
SL	shaves lead										
SLC	Stems left side of chamber										
SMOC	Stretch marks on case										
SRC	Stems right side of chamber										
SRIC	Specific rings in chamber										
SSC	shell stems carrier										
STC	Stems top chamber									1	
SWE	Safety switch works too easily										
SWH	Safety switch works too hard										
SWW	Safety ewitxh won't work										
TD	Tips down										
TU	Tips up										
TWP	Trigger won't pull										
TWR	Trigger won't retract										
UNCN-T	Uncoded										
XH	Extracts hard										

ILE0006652

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

XHB	Extractor hits bbl										
HI	High										
LO	Low										
LEFT	Left										
RIGHT	Right										
DG	Doesn't Group										
FSST	Front sight tipped										
RSTT	Rear sight tipped										
RSBR	Rear sight base raised										
FSTR	Front sight raised										
FSTL	Front sight loose										
RSTL	Rear sight loose										
MGPT-G	Missing parts at target										
UNCN-G	Uncoded nonconformity at target										
AI-P	Assembly incompleye at proof										
BC-P	Blows cases at proof										
BEB-P	Barrel extension broken at proof										
BLP-P	Blanked primer at proof										
BP-P	Blown primer at proof										
BS-P	Barrel split at proof										
DLOS-P	Doesn't lock over shells at proof										
ESB-P	Ejector sticks back at proof										
FCB-P	Fore-end cracked at proof										
FESO-P	Fore-end shot off at proof										
FF-P	Fails to fire at proof										

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GCSO-P	Gas cylinder shot off at proof										
GRSO-P	Guide ring shot off at proof										
MCSO-P	Magazine cap shot off at proof										
MSI-P	Magnaflux stamp illegible on bbl										
MSM-P	Magnaflux stamp missing on bbl										
PP-P	Pierced primer at proof										
SCB-P	Stock cracked or broken at proof										
UNCM-P	Uncoded proof malfunctions										

ILE00066525

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CONFIDENTIAL

Test Date:

246		190		69	
0	*0*	*0*	*0*	*1*	*0*
0.0		*0.0*		*1.4*	
246		190		65	
0	*0*	*6*	*0*	*0*	*0*
0.0		*3.2*		*0.0*	
				50	
0	*0*	*0*	*0*	*3*	*0*
				6.0	

870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

ILE00066526

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Summary	**Total Test + Proof Failures**	**232**									
	Total Rejected:	**14**									
	Overall Reject Rate:	**6.03**									
Proof	*Shot:*									86	
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:									0.0	
Test	*Shot:*									86	
	Rejected:	0	0	0	0	0	0	0	0	6	0
	Percent:									7.0	
Target	*Shot:*										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										

CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
AB	Action binds										
ASFB	Action spring follower binds										
BABS	Bulge at body shoulder										
BAC	Burr at chamber										
BB	Bolt binds/catches										
BCOE	Bolt catches on ejector										
BC	Blows cases										
BLOP	Bar lock or disconnector out of position										
BSCO	Barrel support came out										
CBS-F	Shells catch on bbl support-feeding										
CBS-L	Shells catch on bbl support-loading										
CC	Carrier catches on shells,mag,receiver										
CD	Case dented										
CH	Closes hard										

ILE0006653

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

CHAB	Carrier hits action bar										
CLM	Can't laod magazine										
CO	Cut-off										
CR	Cuts rim										
CS	Cases swell										
CTOG	Chamber torn or gouged										
CTP	Creepy trigger pull										
CWSB	Cams wrong side of action bar										
DBB	Doesn't blow back										
DCS	Double click in safety switch										
DCT	Double click in trigger										
DCU	Doesn't close-up										
DE	Doesn't eject										
DEL	Doesn't eject live round										
DFU	Doesn't feed up										
DLO	Doesn't lock open (after last shell)										
DLU	Doesn't lock-up										
DS	Dead safe										
DSM	Drops shell-magazine										
DTL	Doesn't trip latch										
DX	Doesn't extract										
DXL	Doesn't extract live round										
EDS	Extractor drops shell										
ESB	Ejector sticks back										
ESS	Extractor stems shell										
FA	Fires automatically										
FB	Follower binds										

Subject to Protective Order - Williams v. Remington

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FC	Fails to connect										
FCB	Fore-end cracked or broken										
FD	Follows-down										
FF	Fails to fire										
FFM	Fails to feed from magazine										
FFP	Flat firing pin										
FOS	Fires on safe										
FSR	Fires when safe is released										
GCSO	Gas cyl shot off										
GRSO	Guide ring shot off										
HPA	High pressure ammo										
HUE	Hard under extractor									6	
ILOP	Int. latch out of position										
ILRM	Int. latch ret. Missing										
ILSB	Int. latch stud broken										
ILSP	Int. latch spring out of position										
JL	Jumps latch										
JO	Jars off										
LB	Light blow										
MCSO	Magazine cap shot off										
MCW	Magazine capacity wrong										
MFA	Misfires (ammo)										
MFOP	Magazine follower out of position										
MLH	Magazine loads hard										
OH	Opens hard										
PH	Pulls hard										
PSI	Proof stamp illegible										

Subject to Protective Order - Williams v. Remington

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PSM	Proof stamp missing										
RBOC	Rings and bulges on case										
RDW	(Action) release doesn't work										
RIC	Rings in chamber										
SBC	Stems bottom chambers										
SBCL	Shell binds carrier latch										
SBE	Stems bbl extension										
SCB	Stock cracked or broken										
SCX	Shell catches										
SHI	Short indent										
SIC	Stems in chamber										
SL	shaves lead										
SLC	Stems left side of chamber										
SMOC	Stretch marks on case										
SRC	Stems right side of chamber										
SRIC	Specific rings in chamber										
SSC	shell stems carrier										
STC	Stems top chamber										
SWE	Safety switch works too easily										
SWH	Safety switch works too hard										
SWW	Safety ewitxh won't work										
TD	Tips down										
TU	Tips up										
TWP	Trigger won't pull										
TWR	Trigger won't retract										
UNCN-T	Uncoded										
XH	Extracts hard										

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

XHB	Extractor hits bbl										
HI	High										
LO	Low										
LEFT	Left										
RIGHT	Right										
DG	Doesn't Group										
FSST	Front sight tipped										
RSTT	Rear sight tipped										
RSBR	Rear sight base raised										
FSTR	Front sight raised										
FSTL	Front sight loose										
RSTL	Rear sight loose										
MGPT-G	Missing parts at target										
UNCN-G	Uncoded nonconformity at target										
AI-P	Assembly incompleye at proof										
BC-P	Blows cases at proof										
BEB-P	Barrel extension broken at proof										
BLP-P	Blanked primer at proof										
BP-P	Blown primer at proof										
BS-P	Barrel split at proof										
DLOS-P	Doesn't lock over shells at proof										
ESB-P	Ejector sticks back at proof										
FCB-P	Fore-end cracked at proof										
FESO-P	Fore-end shot off at proof										
FF-P	Fails to fire at proof										

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GCSO-P	Gas cylinder shot off at proof										
GRSO-P	Guide ring shot off at proof										
MCSO-P	Magazine cap shot off at proof										
MSI-P	Magnaflux stamp illegible on bbl										
MSM-P	Magnaflux stamp missing on bbl										
PP-P	Pierced primer at proof										
SCB-P	Stock cracked or broken at proof										
UNCM-P	Uncoded proof malfunctions										

ILE0006653

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Test Date:

120		26			
0	*0*	*0*	*0*	*0*	*0*
0.0		*0.0*			
120		26			
2	*0*	*6*	*0*	*0*	*0*
1.7		*23.1*			
0	*0*	*0*	*0*	*0*	*0*

870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

ILE00066538

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															3											
											1															

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																										1
																										1

CONFIDENTIAL

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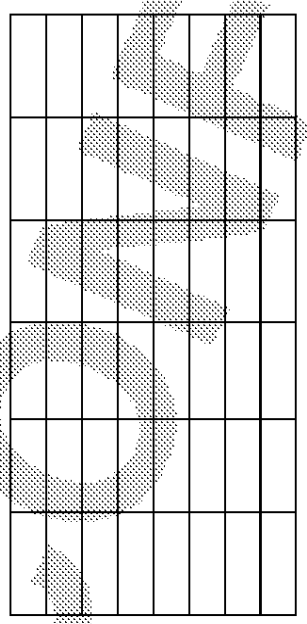

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Summary		
	Total Test + Proof Failures	0
	Total Rejected:	0
	Overall Reject Rate:	

Proof	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										
Test	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										
Target	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										

CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
AB	Action binds										
ASFB	Action spring follower binds										
BABS	Bulge at body shoulder										
BAC	Burr at chamber										
BB	Bolt binds/catches										
BCOE	Bolt catches on ejector										
BC	Blows cases										
BLOP	Bar lock or disconnector out of position										
BSCO	Barrel support came out										
CBS-F	Shells catch on bbl support-feeding										
CBS-L	Shells catch on bbl support-loading										
CC	Carrier catches on shells,mag,receiver										
CD	Case dented										
CH	Closes hard										

ILE00066544

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CONFIDENTIAL

CHAB	Carrier hits action bar										
CLM	Can't laod magazine										
CO	Cut-off										
CR	Cuts rim										
CS	Cases swell										
CTOG	Chamber torn or gouged										
CTP	Creepy trigger pull										
CWSB	Cams wrong side of action bar										
DBB	Doesn't blow back										
DCS	Double click in safety switch										
DCT	Double click in trigger										
DCU	Doesn't close-up										
DE	Doesn't eject										
DEL	Doesn't eject live round										
DFU	Doesn't feed up										
DLO	Doesn't lock open (after last shell)										
DLU	Doesn't lock-up										
DS	Dead safe										
DSM	Drops shell-magazine										
DTL	Doesn't trip latch										
DX	Doesn't extract										
DXL	Doesn't extract live round										
EDS	Extractor drops shell										
ESB	Ejector sticks back										
ESS	Extractor stems shell										
FA	Fires automatically										
FB	Follower binds										

Subject to Protective Order: Williams v. Remington

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FC	Fails to connect										
FCB	Fore-end cracked or broken										
FD	Follows-down										
FF	Fails to fire										
FFM	Fails to feed from magazine										
FFP	Flat firing pin										
FOS	Fires on safe										
FSR	Fires when safe is released										
GCSO	Gas cyl shot off										
GRSO	Guide ring shot off										
HPA	High pressure ammo										
HUE	Hard under extractor										
ILOP	Int. latch out of position										
ILRM	Int. latch ret. Missing										
ILSB	Int. latch stud broken										
ILSP	Int. latch spring out of position										
JL	Jumps latch										
JO	Jars off										
LB	Light blow										
MCSO	Magazine cap shot off										
MCW	Magazine capacity wrong										
MFA	Misfires (ammo)										
MFOP	Magazine follower out of position										
MLH	Magazine loads hard										
OH	Opens hard										
PH	Pulls hard										
PSI	Proof stamp illegible										

ILE0006654

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

PSM	Proof stamp missing										
RBOC	Rings and bulges on case										
RDW	(Action) release doesn't work										
RIC	Rings in chamber										
SBC	Stems bottom chambers										
SBCL	Shell binds carrier latch										
SBE	Stems bbl extension										
SCB	Stock cracked or broken										
SCX	Shell catches										
SHI	Short indent										
SIC	Stems in chamber										
SL	shaves lead										
SLC	Stems left side of chamber										
SMOC	Stretch marks on case										
SRC	Stems right side of chamber										
SRIC	Specific rings in chamber										
SSC	shell stems carrier										
STC	Stems top chamber										
SWE	Safety switch works too easily										
SWH	Safety switch works too hard										
SWW	Safety ewitxh won't work										
TD	Tips down										
TU	Tips up										
TWP	Trigger won't pull										
TWR	Trigger won't retract										
UNCN-T	Uncoded										
XH	Extracts hard										

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

XHB	Extractor hits bbl										
HI	High										
LO	Low										
LEFT	Left										
RIGHT	Right										
DG	Doesn't Group										
FSST	Front sight tipped										
RSTT	Rear sight tipped										
RSBR	Rear sight base raised										
FSTR	Front sight raised										
FSTL	Front sight loose										
RSTL	Rear sight loose										
MGPT-G	Missing parts at target										
UNCN-G	Uncoded nonconformity at target										
AI-P	Assembly incompleye at proof										
BC-P	Blows cases at proof										
BEB-P	Barrel extension broken at proof										
BLP-P	Blanked primer at proof										
BP-P	Blown primer at proof										
BS-P	Barrel split at proof										
DLOS-P	Doesn't lock over shells at proof										
ESB-P	Ejector sticks back at proof										
FCB-P	Fore-end cracked at proof										
FESO-P	Fore-end shot off at proof										
FF-P	Fails to fire at proof										

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GCSO-P	Gas cylinder shot off at proof										
GRSO-P	Guide ring shot off at proof										
MCSO-P	Magazine cap shot off at proof										
MSI-P	Magnaflux stamp illegible on bbl										
MSM-P	Magnaflux stamp missing on bbl										
PP-P	Pierced primer at proof										
SCB-P	Stock cracked or broken at proof										
UNCM-P	Uncoded proof malfunctions										

ILE0006659

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CONFIDENTIAL

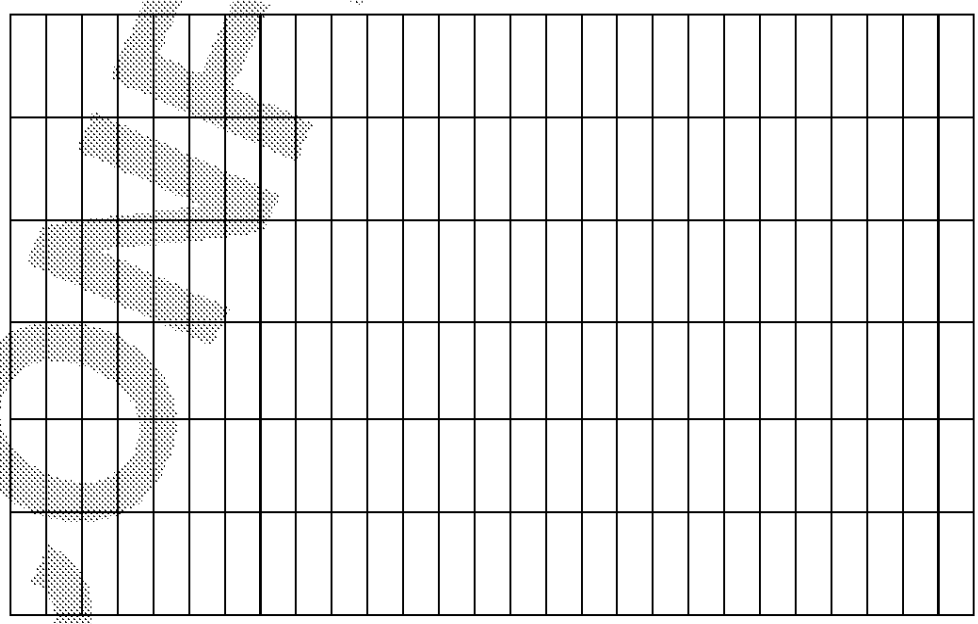
Test Date:

0	*0*	*0*	*0*	*0*	*0*
0	*0*	*0*	*0*	*0*	*0*
0	*0*	*0*	*0*	*0*	*0*

870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

ILE00066550

CONFIDENTIAL



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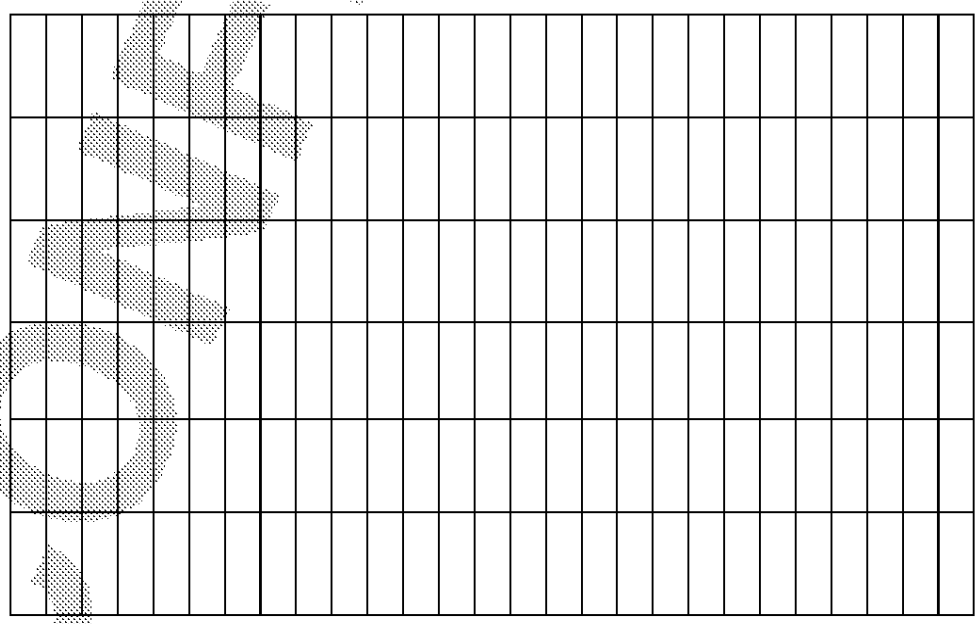

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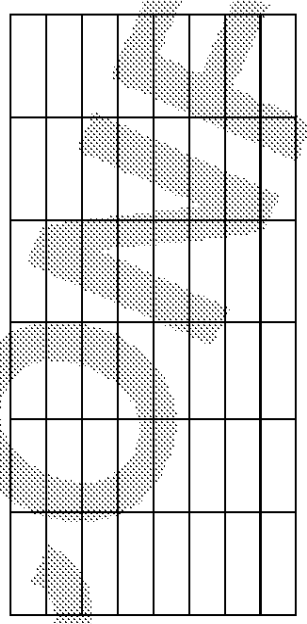

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Summary		
	Total Test + Proof Failures	1247
	Total Rejected:	99
	Overall Reject Rate:	7.94

		1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
Proof	Shot:								110	580	
	Rejected:	1	0	0	0	0	0	0	0	0	0
	Percent:								0.0	0.0	
Test	Shot:	102							137	579	
	Rejected:	48	0	0	0	0	0	0	45	1	0
	Percent:	47.1							32.8	0.2	
Target	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										

CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
AB	Action binds	5							1		
ASFB	Action spring follower binds										
BABS	Bulge at body shoulder										
BAC	Burr at chamber										
BB	Bolt binds/catches										
BCOE	Bolt catches on ejector										
BC	Blows cases										
BLOP	Bar lock or disconnector out of position										
BSCO	Barrel support came out										
CBS-F	Shells catch on bbl support-feeding										
CBS-L	Shells catch on bbl support-loading										
CC	Carrier catches on shells,mag,receiver										
CD	Case dented										
CH	Closes hard										

ILE00066556

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

CHAB	Carrier hits action bar										
CLM	Can't laod magazine										
CO	Cut-off										
CR	Cuts rim										
CS	Cases swell										
CTOG	Chamber torn or gouged										
CTP	Creepy trigger pull										
CWSB	Cams wrong side of action bar										
DBB	Doesn't blow back								3		
DCS	Double click in safety switch										
DCT	Double click in trigger										
DCU	Doesn't close-up										
DE	Doesn't eject								6		
DEL	Doesn't eject live round										
DFU	Doesn't feed up								1		
DLO	Doesn't lock open (after last shell)	1									
DLU	Doesn't lock-up									1	
DS	Dead safe										
DSM	Drops shell-magazine	2							1		
DTL	Doesn't trip latch	5									
DX	Doesn't extract										
DXL	Doesn't extract live round										
EDS	Extractor drops shell								8		
ESB	Ejector sticks back										
ESS	Extractor stems shell										
FA	Fires automatically										
FB	Follower binds										

ILE00066557

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

FC	Fails to connect										
FCB	Fore-end cracked or broken										
FD	Follows-down										
FF	Fails to fire										
FFM	Fails to feed from magazine	4							10		
FFP	Flat firing pin										
FOS	Fires on safe										
FSR	Fires when safe is released										
GCSO	Gas cyl shot off										
GRSO	Guide ring shot off										
HPA	High pressure ammo										
HUE	Hard under extractor	2									
ILOP	Int. latch out of position										
ILRM	Int. latch ret. Missing										
ILSB	Int. latch stud broken										
ILSP	Int. latch spring out of position										
JL	Jumps latch								2		
JO	Jars off										
LB	Light blow										
MCSO	Magazine cap shot off										
MCW	Magazine capacity wrong	1									
MFA	Misfires (ammo)										
MFOP	Magazine follower out of position										
MLH	Magazine loads hard										
OH	Opens hard										
PH	Pulls hard										
PSI	Proof stamp illegible										

ILE0006658

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

PSM	Proof stamp missing										
RBOC	Rings and bulges on case										
RDW	(Action) release doesn't work										
RIC	Rings in chamber										
SBC	Stems bottom chambers	14									
SBCL	Shell binds carrier latch										
SBE	Stems bbl extension										
SCB	Stock cracked or broken										
SCX	Shell catches										
SHI	Short indent										
SIC	Stems in chamber										
SL	shaves lead										
SLC	Stems left side of chamber	5							5		
SMOC	Stretch marks on case										
SRC	Stems right side of chamber								5		
SRIC	Specific rings in chamber										
SSC	shell stems carrier								3		
STC	Stems top chamber										
SWE	Safety switch works too easily										
SWH	Safety switch works too hard										
SWW	Safety ewitxh won't work										
TD	Tips down	9									
TU	Tips up										
TWP	Trigger won't pull										
TWR	Trigger won't retract										
UNCN-T	Uncoded										
XH	Extracts hard										

ILE000665559

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

XHB	Extractor hits bbl										
HI	High										
LO	Low										
LEFT	Left										
RIGHT	Right										
DG	Doesn't Group										
FSST	Front sight tipped										
RSTT	Rear sight tipped										
RSBR	Rear sight base raised										
FSTR	Front sight raised										
FSTL	Front sight loose										
RSTL	Rear sight loose										
MGPT-G	Missing parts at target										
UNCN-G	Uncoded nonconformity at target										
AI-P	Assembly incompleye at proof										
BC-P	Blows cases at proof										
BEB-P	Barrel extension broken at proof										
BLP-P	Blanked primer at proof										
BP-P	Blown primer at proof										
BS-P	Barrel split at proof	1									
DLOS-P	Doesn't lock over shells at proof										
ESB-P	Ejector sticks back at proof										
FCB-P	Fore-end cracked at proof										
FESO-P	Fore-end shot off at proof										
FF-P	Fails to fire at proof										

ILE0006956

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CONFIDENTIAL

GCSO-P	Gas cylinder shot off at proof										
GRSO-P	Guide ring shot off at proof										
MCSO-P	Magazine cap shot off at proof										
MSI-P	Magnaflux stamp illegible on bbl										
MSM-P	Magnaflux stamp missing on bbl										
PP-P	Pierced primer at proof										
SCB-P	Stock cracked or broken at proof										
UNCM-P	Uncoded proof malfunctions										

ILE0006561

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Test Date:

276		99		53	
0	*0*	*0*	*0*	*0*	*0*
0.0		*0.0*		*0.0*	
276		99		53	
1	*0*	*0*	*0*	*0*	*0*
0.4		*0.0*		*0.0*	
				51	
0	*0*	*0*	*0*	*3*	*0*
				5.9	

870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U
1					

ILE00066562

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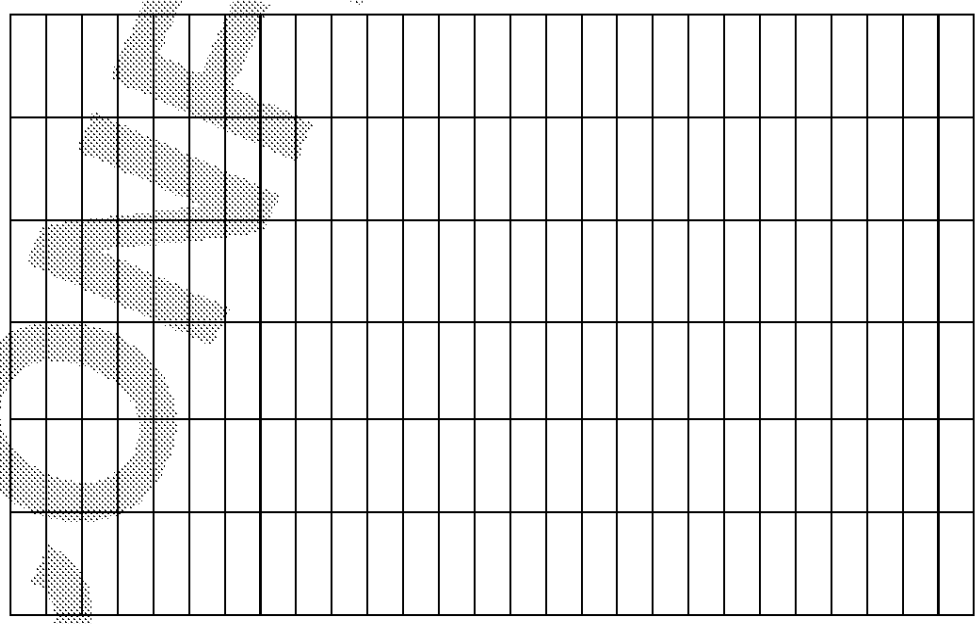

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CONFIDENTIAL

Summary		
	Total Test + Proof Failures	1446
	Total Rejected:	54
	Overall Reject Rate:	3.73

		1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
Proof	Shot:	112	195						64	671	
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:	0.0	0.0						0.0	0.0	
Test	Shot:	51	38						66	671	
	Rejected:	21	3	0	0	0	0	0	24	3	0
	Percent:	41.2	7.9						36.4	0.4	
Target	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										

CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
AB	Action binds	3									
ASFB	Action spring follower binds										
BABS	Bulge at body shoulder										
BAC	Burr at chamber										
BB	Bolt binds/catches										
BCOE	Bolt catches on ejector										
BC	Blows cases										
BLOP	Bar lock or disconnector out of position									1	
BSCO	Barrel support came out										
CBS-F	Shells catch on bbl support-feeding										
CBS-L	Shells catch on bbl support-loading										
CC	Carrier catches on shells,mag,receiver										
CD	Case dented										
CH	Closes hard										

ILE00066568

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

CHAB	Carrier hits action bar										
CLM	Can't laod magazine										
CO	Cut-off										
CR	Cuts rim										
CS	Cases swell										
CTOG	Chamber torn or gouged										
CTP	Creepy trigger pull										
CWSB	Cams wrong side of action bar										
DBB	Doesn't blow back								2		
DCS	Double click in safety switch										
DCT	Double click in trigger										
DCU	Doesn't close-up										
DE	Doesn't eject								2		
DEL	Doesn't eject live round										
DFU	Doesn't feed up										
DLO	Doesn't lock open (after last shell)	1									
DLU	Doesn't lock-up										
DS	Dead safe										
DSM	Drops shell-magazine	1									
DTL	Doesn't trip latch	1	1						1		
DX	Doesn't extract										
DXL	Doesn't extract live round										
EDS	Extractor drops shell								4		
ESB	Ejector sticks back										
ESS	Extractor stems shell										
FA	Fires automatically										
FB	Follower binds									1	

ILE00066569

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FC	Fails to connect										
FCB	Fore-end cracked or broken										
FD	Follows-down										
FF	Fails to fire										
FFM	Fails to feed from magazine	2	1						2		
FFP	Flat firing pin										
FOS	Fires on safe										
FSR	Fires when safe is released										
GCSO	Gas cyl shot off										
GRSO	Guide ring shot off									1	
HPA	High pressure ammo										
HUE	Hard under extractor	4									
ILOP	Int. latch out of position										
ILRM	Int. latch ret. Missing	1	1								
ILSB	Int. latch stud broken										
ILSP	Int. latch spring out of position										
JL	Jumps latch	1							2		
JO	Jars off										
LB	Light blow										
MCSO	Magazine cap shot off										
MCW	Magazine capacity wrong										
MFA	Misfires (ammo)										
MFOP	Magazine follower out of position										
MLH	Magazine loads hard										
OH	Opens hard										
PH	Pulls hard										
PSI	Proof stamp illegible										

ILE0006657O

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

PSM	Proof stamp missing										
RBOC	Rings and bulges on case										
RDW	(Action) release doesn't work										
RIC	Rings in chamber										
SBC	Stems bottom chambers	7							2		
SBCL	Shell binds carrier latch										
SBE	Stems bbl extension										
SCB	Stock cracked or broken										
SCX	Shell catches										
SHI	Short indent										
SIC	Stems in chamber										
SL	shaves lead										
SLC	Stems left side of chamber								8		
SMOC	Stretch marks on case										
SRC	Stems right side of chamber								1		
SRIC	Specific rings in chamber										
SSC	shell stems carrier										
STC	Stems top chamber										
SWE	Safety switch works too easily										
SWH	Safety switch works too hard										
SWW	Safety ewitxh won't work										
TD	Tips down										
TU	Tips up										
TWP	Trigger won't pull										
TWR	Trigger won't retract										
UNCN-T	Uncoded										
XH	Extracts hard										

ILE0006657

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

XHB	Extractor hits bbl										
HI	High										
LO	Low										
LEFT	Left										
RIGHT	Right										
DG	Doesn't Group										
FSST	Front sight tipped										
RSTT	Rear sight tipped										
RSBR	Rear sight base raised										
FSTR	Front sight raised										
FSTL	Front sight loose										
RSTL	Rear sight loose										
MGPT-G	Missing parts at target										
UNCN-G	Uncoded nonconformity at target										
AI-P	Assembly incompleye at proof										
BC-P	Blows cases at proof										
BEB-P	Barrel extension broken at proof										
BLP-P	Blanked primer at proof										
BP-P	Blown primer at proof										
BS-P	Barrel split at proof										
DLOS-P	Doesn't lock over shells at proof										
ESB-P	Ejector sticks back at proof										
FCB-P	Fore-end cracked at proof										
FESO-P	Fore-end shot off at proof										
FF-P	Fails to fire at proof										

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GCSO-P	Gas cylinder shot off at proof										
GRSO-P	Guide ring shot off at proof										
MCSO-P	Magazine cap shot off at proof										
MSI-P	Magnaflux stamp illegible on bbl										
MSM-P	Magnaflux stamp missing on bbl										
PP-P	Pierced primer at proof										
SCB-P	Stock cracked or broken at proof										
UNCM-P	Uncoded proof malfunctions										

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Test Date:

349		220		52	
0	*0*	*0*	*0*	*0*	*0*
0.0		*0.0*		*0.0*	
349		220		51	
0	*0*	*1*	*0*	*0*	*0*
0.0		*0.5*		*0.0*	
				51	
0	*0*	*0*	*0*	*2*	*0*
				3.9	

870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

ILE00066574

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									1																

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Summary		
	Total Test + Proof Failures	1381
	Total Rejected:	54
	Overall Reject Rate:	3.91

		1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
Proof	Shot:		105	2				2	40	576	
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:		0.0	0.0				0.0	0.0	0.0	
Test	Shot:	39	214	2				2	30	576	
	Rejected:	18	15	0	0	0	0	0	12	0	0
	Percent:	46.2	7.0	0.0				0.0	40.0	0.0	
Target	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										

CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
AB	Action binds	3							2		
ASFB	Action spring follower binds										
BABS	Bulge at body shoulder										
BAC	Burr at chamber										
BB	Bolt binds/catches										
BCOE	Bolt catches on ejector										
BC	Blows cases										
BLOP	Bar lock or disconnector out of position										
BSCO	Barrel support came out										
CBS-F	Shells catch on bbl support-feeding										
CBS-L	Shells catch on bbl support-loading										
CC	Carrier catches on shells,mag,receiver										
CD	Case dented										
CH	Closes hard										

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CHAB	Carrier hits action bar										
CLM	Can't laod magazine										
CO	Cut-off										
CR	Cuts rim										
CS	Cases swell										
CTOG	Chamber torn or gouged										
CTP	Creepy trigger pull										
CWSB	Cams wrong side of action bar										
DBB	Doesn't blow back		4						1		
DCS	Double click in safety switch										
DCT	Double click in trigger										
DCU	Doesn't close-up		1								
DE	Doesn't eject										
DEL	Doesn't eject live round										
DFU	Doesn't feed up		1								
DLO	Doesn't lock open (after last shell)										
DLU	Doesn't lock-up								1		
DS	Dead safe										
DSM	Drops shell-magazine	1									
DTL	Doesn't trip latch	2									
DX	Doesn't extract										
DXL	Doesn't extract live round										
EDS	Extractor drops shell								6		
ESB	Ejector sticks back										
ESS	Extractor stems shell										
FA	Fires automatically										
FB	Follower binds										

ILE00066581

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FC	Fails to connect										
FCB	Fore-end cracked or broken										
FD	Follows-down										
FF	Fails to fire										
FFM	Fails to feed from magazine	3									
FFP	Flat firing pin										
FOS	Fires on safe										
FSR	Fires when safe is released										
GCSO	Gas cyl shot off										
GRSO	Guide ring shot off										
HPA	High pressure ammo										
HUE	Hard under extractor	3	1						1		
ILOP	Int. latch out of position										
ILRM	Int. latch ret. Missing										
ILSB	Int. latch stud broken										
ILSP	Int. latch spring out of position										
JL	Jumps latch	2	1								
JO	Jars off										
LB	Light blow										
MCSO	Magazine cap shot off										
MCW	Magazine capacity wrong		1								
MFA	Misfires (ammo)										
MFOP	Magazine follower out of position										
MLH	Magazine loads hard										
OH	Opens hard										
PH	Pulls hard										
PSI	Proof stamp illegible										

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PSM	Proof stamp missing										
RBOC	Rings and bulges on case										
RDW	(Action) release doesn't work										
RIC	Rings in chamber										
SBC	Stems bottom chambers	4									
SBCL	Shell binds carrier latch										
SBE	Stems bbl extension										
SCB	Stock cracked or broken										
SCX	Shell catches										
SHI	Short indent										
SIC	Stems in chamber								1		
SL	shaves lead										
SLC	Stems left side of chamber										
SMOC	Stretch marks on case										
SRC	Stems right side of chamber										
SRIC	Specific rings in chamber										
SSC	shell stems carrier										
STC	Stems top chamber		6								
SWE	Safety switch works too easily										
SWH	Safety switch works too hard										
SWW	Safety ewitxh won't work										
TD	Tips down										
TU	Tips up										
TWP	Trigger won't pull										
TWR	Trigger won't retract										
UNCN-T	Uncoded										
XH	Extracts hard										

ILE0006658

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XHB	Extractor hits bbl										
HI	High										
LO	Low										
LEFT	Left										
RIGHT	Right										
DG	Doesn't Group										
FSST	Front sight tipped										
RSTT	Rear sight tipped										
RSBR	Rear sight base raised										
FSTR	Front sight raised										
FSTL	Front sight loose										
RSTL	Rear sight loose										
MGPT-G	Missing parts at target										
UNCN-G	Uncoded nonconformity at target										
AI-P	Assembly incompleye at proof										
BC-P	Blows cases at proof										
BEB-P	Barrel extension broken at proof										
BLP-P	Blanked primer at proof										
BP-P	Blown primer at proof										
BS-P	Barrel split at proof										
DLOS-P	Doesn't lock over shells at proof										
ESB-P	Ejector sticks back at proof										
FCB-P	Fore-end cracked at proof										
FESO-P	Fore-end shot off at proof										
FF-P	Fails to fire at proof										

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GCSO-P	Gas cylinder shot off at proof										
GRSO-P	Guide ring shot off at proof										
MCSO-P	Magazine cap shot off at proof										
MSI-P	Magnaflux stamp illegible on bbl										
MSM-P	Magnaflux stamp missing on bbl										
PP-P	Pierced primer at proof										
SCB-P	Stock cracked or broken at proof										
UNCM-P	Uncoded proof malfunctions										

ILE0006658

Subject to Protective Order - Williams v. Remington

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Test Date:

344		81		92	
0	*0*	*0*	*0*	*0*	*0*
0.0		*0.0*		*0.0*	
344		81		93	
1	*0*	*2*	*0*	*0*	*0*
0.3		*2.5*		*0.0*	
				73	
0	*0*	*0*	*0*	*6*	*0*
				8.2	

870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

ILE00066586

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1					
		2			

ILE00066587

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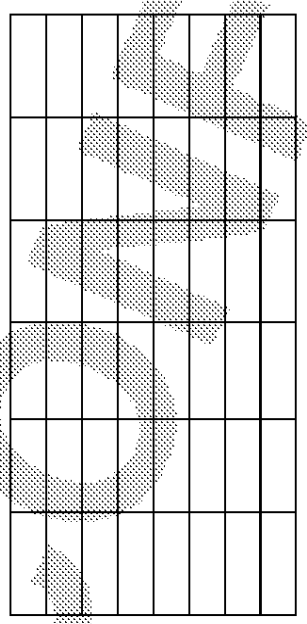

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Summary	**Total Test + Proof Failures**	**1118**									
	Total Rejected:	**71**									
	Overall Reject Rate:	**6.35**									
Proof	*Shot:*	26	146	14					73	513	
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:	0.0	0.0	0.0					0.0	0.0	
Test	*Shot:*	22	195						56	513	
	Rejected:	12	38	0	0	0	0	0	20	1	0
	Percent:	54.5	19.5						35.7	0.2	
Target	*Shot:*										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										

CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
AB	Action binds	3							1		
ASFB	Action spring follower binds										
BABS	Bulge at body shoulder										
BAC	Burr at chamber										
BB	Bolt binds/catches										
BCOE	Bolt catches on ejector										
BC	Blows cases										
BLOP	Bar lock or disconnector out of position										
BSCO	Barrel support came out										
CBS-F	Shells catch on bbl support-feeding										
CBS-L	Shells catch on bbl support-loading										
CC	Carrier catches on shells,mag,receiver										
CD	Case dented										
CH	Closes hard										

ILE0006659

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CHAB	Carrier hits action bar										
CLM	Can't laod magazine										
CO	Cut-off										
CR	Cuts rim										
CS	Cases swell										
CTOG	Chamber torn or gouged										
CTP	Creepy trigger pull										
CWSB	Cams wrong side of action bar										
DBB	Doesn't blow back		2								
DCS	Double click in safety switch										
DCT	Double click in trigger										
DCU	Doesn't close-up		1								
DE	Doesn't eject		11						1		
DEL	Doesn't eject live round										
DFU	Doesn't feed up		1								
DLO	Doesn't lock open (after last shell)		6								
DLU	Doesn't lock-up										
DS	Dead safe										
DSM	Drops shell-magazine	1									
DTL	Doesn't trip latch	1									
DX	Doesn't extract										
DXL	Doesn't extract live round										
EDS	Extractor drops shell								10		
ESB	Ejector sticks back										
ESS	Extractor stems shell										
FA	Fires automatically										
FB	Follower binds										

ILE00066593

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FC	Fails to connect										
FCB	Fore-end cracked or broken										
FD	Follows-down										
FF	Fails to fire										
FFM	Fails to feed from magazine	1	2						1		
FFP	Flat firing pin										
FOS	Fires on safe										
FSR	Fires when safe is released										
GCSO	Gas cyl shot off										
GRSO	Guide ring shot off									1	
HPA	High pressure ammo										
HUE	Hard under extractor	4	11								
ILOP	Int. latch out of position								1		
ILRM	Int. latch ret. Missing		4								
ILSB	Int. latch stud broken										
ILSP	Int. latch spring out of position										
JL	Jumps latch								1		
JO	Jars off										
LB	Light blow										
MCSO	Magazine cap shot off										
MCW	Magazine capacity wrong										
MFA	Misfires (ammo)										
MFOP	Magazine follower out of position										
MLH	Magazine loads hard										
OH	Opens hard										
PH	Pulls hard										
PSI	Proof stamp illegible										

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PSM	Proof stamp missing										
RBOC	Rings and bulges on case										
RDW	(Action) release doesn't work	1									
RIC	Rings in chamber										
SBC	Stems bottom chambers	1									
SBCL	Shell binds carrier latch										
SBE	Stems bbl extension										
SCB	Stock cracked or broken										
SCX	Shell catches										
SHI	Short indent										
SIC	Stems in chamber										
SL	shaves lead										
SLC	Stems left side of chamber								2		
SMOC	Stretch marks on case										
SRC	Stems right side of chamber								1		
SRIC	Specific rings in chamber										
SSC	shell stems carrier										
STC	Stems top chamber								2		
SWE	Safety switch works too easily										
SWH	Safety switch works too hard										
SWW	Safety ewitxh won't work										
TD	Tips down										
TU	Tips up										
TWP	Trigger won't pull										
TWR	Trigger won't retract										
UNCN-T	Uncoded										
XH	Extracts hard										

ILE0006659

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XHB	Extractor hits bbl										
HI	High										
LO	Low										
LEFT	Left										
RIGHT	Right										
DG	Doesn't Group										
FSST	Front sight tipped										
RSTT	Rear sight tipped										
RSBR	Rear sight base raised										
FSTR	Front sight raised										
FSTL	Front sight loose										
RSTL	Rear sight loose										
MGPT-G	Missing parts at target										
UNCN-G	Uncoded nonconformity at target										
AI-P	Assembly incompleye at proof										
BC-P	Blows cases at proof										
BEB-P	Barrel extension broken at proof										
BLP-P	Blanked primer at proof										
BP-P	Blown primer at proof										
BS-P	Barrel split at proof										
DLOS-P	Doesn't lock over shells at proof										
ESB-P	Ejector sticks back at proof										
FCB-P	Fore-end cracked at proof										
FESO-P	Fore-end shot off at proof										
FF-P	Fails to fire at proof										

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GCSO-P	Gas cylinder shot off at proof										
GRSO-P	Guide ring shot off at proof										
MCSO-P	Magazine cap shot off at proof										
MSI-P	Magnaflux stamp illegible on bbl										
MSM-P	Magnaflux stamp missing on bbl										
PP-P	Pierced primer at proof										
SCB-P	Stock cracked or broken at proof										
UNCM-P	Uncoded proof malfunctions										

ILE0006659

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Test Date:

227		14		91	
0	*0*	*0*	*0*	*0*	*0*
0.0		*0.0*		*0.0*	
227		14		91	
0	*0*	*0*	*0*	*0*	*0*
0.0		*0.0*		*0.0*	
				50	
0	*0*	*0*	*0*	*0*	*0*
				0.0	

870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

ILE00066598

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Summary		
	Total Test + Proof Failures	1099
	Total Rejected:	14
	Overall Reject Rate:	1.27

		1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
Proof	Shot:	8	127						11	593	
	Rejected:	0	1	0	0	0	0	0	0	0	0
	Percent:	0.0	0.8						0.0	0.0	
Test	Shot:		171							593	
	Rejected:	0	8	0	0	0	0	0	0	3	0
	Percent:		4.7							0.5	
Target	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										

CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
AB	Action binds		4							1	
ASFB	Action spring follower binds										
BABS	Bulge at body shoulder										
BAC	Burr at chamber										
BB	Bolt binds/catches										
BCOE	Bolt catches on ejector										
BC	Blows cases										
BLOP	Bar lock or disconnector out of position										
BSCO	Barrel support came out										
CBS-F	Shells catch on bbl support-feeding										
CBS-L	Shells catch on bbl support-loading										
CC	Carrier catches on shells,mag,receiver										
CD	Case dented										
CH	Closes hard										

ILE00066604

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CONFIDENTIAL

CHAB	Carrier hits action bar										
CLM	Can't laod magazine										
CO	Cut-off										
CR	Cuts rim										
CS	Cases swell										
CTOG	Chamber torn or gouged										
CTP	Creepy trigger pull										
CWSB	Cams wrong side of action bar										
DBB	Doesn't blow back										
DCS	Double click in safety switch										
DCT	Double click in trigger										
DCU	Doesn't close-up										
DE	Doesn't eject										
DEL	Doesn't eject live round										
DFU	Doesn't feed up										
DLO	Doesn't lock open (after last shell)										
DLU	Doesn't lock-up										
DS	Dead safe										
DSM	Drops shell-magazine										
DTL	Doesn't trip latch										
DX	Doesn't extract										
DXL	Doesn't extract live round										
EDS	Extractor drops shell										
ESB	Ejector sticks back										
ESS	Extractor stems shell										
FA	Fires automatically										
FB	Follower binds										

ILE00066605

Subject to Protective Order - Williams v. Remington

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FC	Fails to connect										
FCB	Fore-end cracked or broken										
FD	Follows-down										
FF	Fails to fire									1	
FFM	Fails to feed from magazine										
FFP	Flat firing pin										
FOS	Fires on safe										
FSR	Fires when safe is released										
GCSO	Gas cyl shot off										
GRSO	Guide ring shot off									1	
HPA	High pressure ammo										
HUE	Hard under extractor										
ILOP	Int. latch out of position										
ILRM	Int. latch ret. Missing										
ILSB	Int. latch stud broken										
ILSP	Int. latch spring out of position										
JL	Jumps latch										
JO	Jars off										
LB	Light blow										
MCSO	Magazine cap shot off										
MCW	Magazine capacity wrong										
MFA	Misfires (ammo)										
MFOP	Magazine follower out of position										
MLH	Magazine loads hard										
OH	Opens hard										
PH	Pulls hard										
PSI	Proof stamp illegible										

ILE00066906

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PSM	Proof stamp missing										
RBOC	Rings and bulges on case										
RDW	(Action) release doesn't work										
RIC	Rings in chamber										
SBC	Stems bottom chambers										
SBCL	Shell binds carrier latch										
SBE	Stems bbl extension										
SCB	Stock cracked or broken										
SCX	Shell catches										
SHI	Short indent										
SIC	Stems in chamber										
SL	shaves lead										
SLC	Stems left side of chamber										
SMOC	Stretch marks on case										
SRC	Stems right side of chamber										
SRIC	Specific rings in chamber										
SSC	shell stems carrier										
STC	Stems top chamber		4								
SWE	Safety switch works too easily										
SWH	Safety switch works too hard										
SWW	Safety ewitxh won't work										
TD	Tips down										
TU	Tips up										
TWP	Trigger won't pull										
TWR	Trigger won't retract										
UNCN-T	Uncoded										
XH	Extracts hard										

ILE00066607

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

XHB	Extractor hits bbl										
HI	High										
LO	Low										
LEFT	Left										
RIGHT	Right										
DG	Doesn't Group										
FSST	Front sight tipped										
RSTT	Rear sight tipped										
RSBR	Rear sight base raised										
FSTR	Front sight raised										
FSTL	Front sight loose										
RSTL	Rear sight loose										
MGPT-G	Missing parts at target										
UNCN-G	Uncoded nonconformity at target										
AI-P	Assembly incompleye at proof										
BC-P	Blows cases at proof										
BEB-P	Barrel extension broken at proof										
BLP-P	Blanked primer at proof										
BP-P	Blown primer at proof										
BS-P	Barrel split at proof										
DLOS-P	Doesn't lock over shells at proof										
ESB-P	Ejector sticks back at proof										
FCB-P	Fore-end cracked at proof										
FESO-P	Fore-end shot off at proof										
FF-P	Fails to fire at proof		1								

ILE00066608

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GCSO-P	Gas cylinder shot off at proof										
GRSO-P	Guide ring shot off at proof										
MCSO-P	Magazine cap shot off at proof										
MSI-P	Magnaflux stamp illegible on bbl										
MSM-P	Magnaflux stamp missing on bbl										
PP-P	Pierced primer at proof										
SCB-P	Stock cracked or broken at proof										
UNCM-P	Uncoded proof malfunctions										

ILE00066609

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Test Date:

289		17		67	
1	*0*	*0*	*0*	*0*	*0*
0.3		*0.0*		*0.0*	
289		17		27	
1	*0*	*0*	*0*	*0*	*0*
0.3		*0.0*		*0.0*	
0	*0*	*0*	*0*	*0*	*0*

870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

ILE00066610

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ILE00066612

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ILE00066614

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Summary		
	Total Test + Proof Failures	392
	Total Rejected:	11
	Overall Reject Rate:	2.81

		1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
Proof	Shot:									302	
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:									0.0	
Test	Shot:									302	
	Rejected:	0	0	0	0	0	0	0	0	10	0
	Percent:									3.3	
Target	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										

CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
AB	Action binds									1	
ASFB	Action spring follower binds										
BABS	Bulge at body shoulder										
BAC	Burr at chamber										
BB	Bolt binds/catches										
BCOE	Bolt catches on ejector										
BC	Blows cases										
BLOP	Bar lock or disconnector out of position										
BSCO	Barrel support came out										
CBS-F	Shells catch on bbl support-feeding										
CBS-L	Shells catch on bbl support-loading										
CC	Carrier catches on shells,mag,receiver										
CD	Case dented										
CH	Closes hard										

ILE00066616

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

CHAB	Carrier hits action bar										
CLM	Can't laod magazine										
CO	Cut-off										
CR	Cuts rim										
CS	Cases swell										
CTOG	Chamber torn or gouged										
CTP	Creepy trigger pull										
CWSB	Cams wrong side of action bar										
DBB	Doesn't blow back										
DCS	Double click in safety switch										
DCT	Double click in trigger										
DCU	Doesn't close-up										
DE	Doesn't eject										
DEL	Doesn't eject live round										
DFU	Doesn't feed up										
DLO	Doesn't lock open (after last shell)										
DLU	Doesn't lock-up										
DS	Dead safe										
DSM	Drops shell-magazine										
DTL	Doesn't trip latch										
DX	Doesn't extract										
DXL	Doesn't extract live round										
EDS	Extractor drops shell										
ESB	Ejector sticks back										
ESS	Extractor stems shell										
FA	Fires automatically										
FB	Follower binds										

ILE00066617

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FC	Fails to connect										
FCB	Fore-end cracked or broken										
FD	Follows-down										
FF	Fails to fire										
FFM	Fails to feed from magazine										
FFP	Flat firing pin										
FOS	Fires on safe										
FSR	Fires when safe is released										
GCSO	Gas cyl shot off										
GRSO	Guide ring shot off									1	
HPA	High pressure ammo										
HUE	Hard under extractor									2	
ILOP	Int. latch out of position										
ILRM	Int. latch ret. Missing										
ILSB	Int. latch stud broken										
ILSP	Int. latch spring out of position										
JL	Jumps latch										
JO	Jars off										
LB	Light blow										
MCSO	Magazine cap shot off										
MCW	Magazine capacity wrong										
MFA	Misfires (ammo)										
MFOP	Magazine follower out of position										
MLH	Magazine loads hard										
OH	Opens hard										
PH	Pulls hard										
PSI	Proof stamp illegible										

ILE0006618

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

PSM	Proof stamp missing										
RBOC	Rings and bulges on case										
RDW	(Action) release doesn't work										
RIC	Rings in chamber										
SBC	Stems bottom chambers										
SBCL	Shell binds carrier latch										
SBE	Stems bbl extension										
SCB	Stock cracked or broken										
SCX	Shell catches										
SHI	Short indent										
SIC	Stems in chamber										
SL	shaves lead										
SLC	Stems left side of chamber										
SMOC	Stretch marks on case										
SRC	Stems right side of chamber										
SRIC	Specific rings in chamber										
SSC	shell stems carrier										
STC	Stems top chamber									1	
SWE	Safety switch works too easily										
SWH	Safety switch works too hard										
SWW	Safety ewitxh won't work										
TD	Tips down										
TU	Tips up										
TWP	Trigger won't pull										
TWR	Trigger won't retract										
UNCN-T	Uncoded										
XH	Extracts hard										

ILE0006619

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

XHB	Extractor hits bbl										
HI	High										
LO	Low										
LEFT	Left										
RIGHT	Right										
DG	Doesn't Group										
FSST	Front sight tipped										
RSTT	Rear sight tipped										
RSBR	Rear sight base raised										
FSTR	Front sight raised										
FSTL	Front sight loose										
RSTL	Rear sight loose										
MGPT-G	Missing parts at target										
UNCN-G	Uncoded nonconformity at target										
AI-P	Assembly incompleye at proof										
BC-P	Blows cases at proof										
BEB-P	Barrel extension broken at proof										
BLP-P	Blanked primer at proof										
BP-P	Blown primer at proof										
BS-P	Barrel split at proof										
DLOS-P	Doesn't lock over shells at proof										
ESB-P	Ejector sticks back at proof										
FCB-P	Fore-end cracked at proof										
FESO-P	Fore-end shot off at proof										
FF-P	Fails to fire at proof										

ILE0006620

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

GCSO-P	Gas cylinder shot off at proof										
GRSO-P	Guide ring shot off at proof										
MCSO-P	Magazine cap shot off at proof										
MSI-P	Magnaflux stamp illegible on bbl										
MSM-P	Magnaflux stamp missing on bbl										
PP-P	Pierced primer at proof										
SCB-P	Stock cracked or broken at proof										
UNCM-P	Uncoded proof malfunctions										

ILE00066621

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

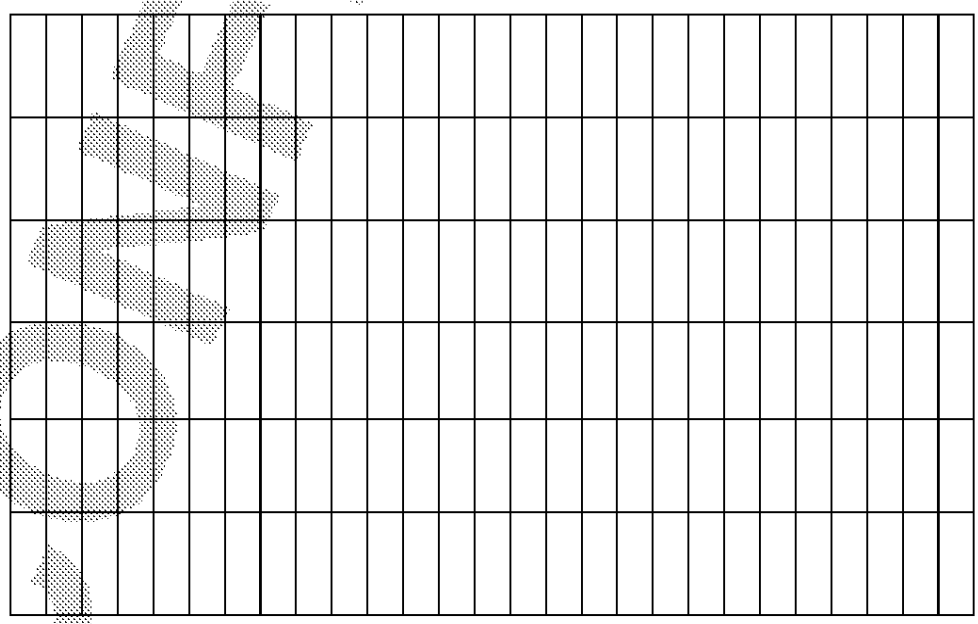
Test Date:

14		76			
0	*0*	*0*	*0*	*0*	*0*
0.0		*0.0*			
14		76			
0	*0*	*1*	*0*	*0*	*0*
0.0		*1.3*			
0	*0*	*0*	*0*	*0*	*0*

870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

ILE00066622

CONFIDENTIAL



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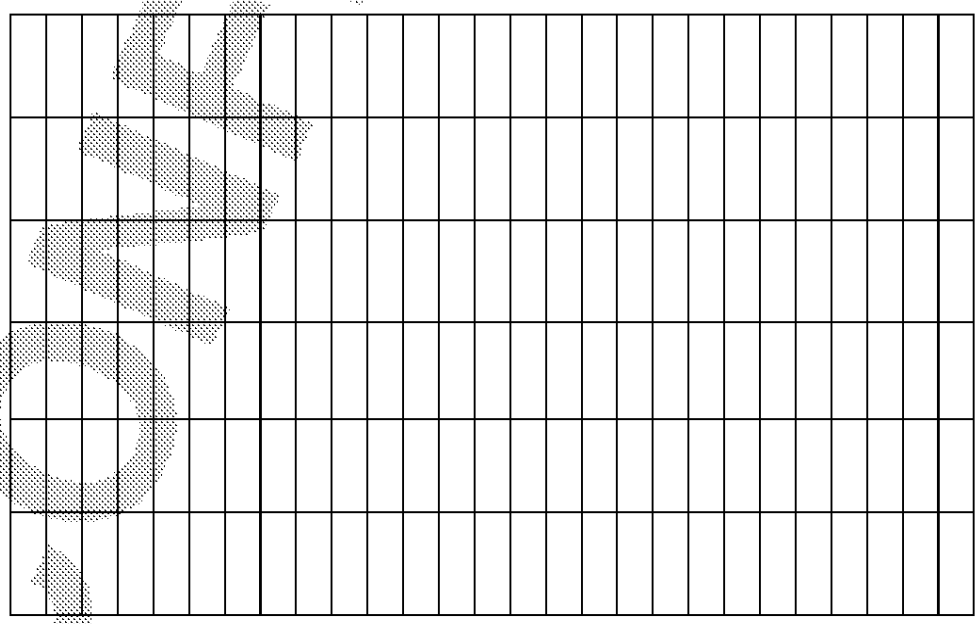
CONFIDENTIAL



Subject to Protective Order - Williams v. Remington

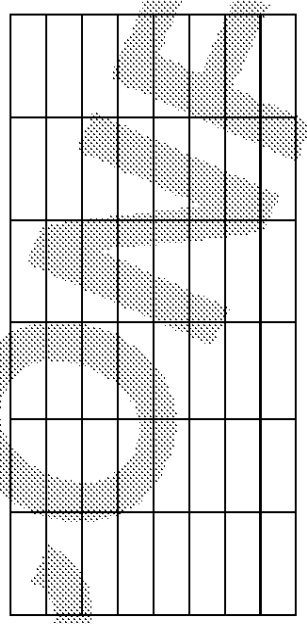
CONFIDENTIAL

																										1

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

CONFIDENTIAL



Subject to Protective Order - Williams v. Remington

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Summary		
	Total Test + Proof Failures	210
	Total Rejected:	2
	Overall Reject Rate:	0.95

		1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
Proof	Shot:		5							47	
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:		0.0							0.0	
Test	Shot:		5							47	
	Rejected:	0	0	0	0	0	0	0	0	1	0
	Percent:		0.0							2.1	
Target	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										

CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
AB	Action binds									1	
ASFB	Action spring follower binds										
BABS	Bulge at body shoulder										
BAC	Burr at chamber										
BB	Bolt binds/catches										
BCOE	Bolt catches on ejector										
BC	Blows cases										
BLOP	Bar lock or disconnector out of position										
BSCO	Barrel support came out										
CBS-F	Shells catch on bbl support-feeding										
CBS-L	Shells catch on bbl support-loading										
CC	Carrier catches on shells,mag,receiver										
CD	Case dented										
CH	Closes hard										

ILE00066628

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

CHAB	Carrier hits action bar										
CLM	Can't laod magazine										
CO	Cut-off										
CR	Cuts rim										
CS	Cases swell										
CTOG	Chamber torn or gouged										
CTP	Creepy trigger pull										
CWSB	Cams wrong side of action bar										
DBB	Doesn't blow back										
DCS	Double click in safety switch										
DCT	Double click in trigger										
DCU	Doesn't close-up										
DE	Doesn't eject										
DEL	Doesn't eject live round										
DFU	Doesn't feed up										
DLO	Doesn't lock open (after last shell)										
DLU	Doesn't lock-up										
DS	Dead safe										
DSM	Drops shell-magazine										
DTL	Doesn't trip latch										
DX	Doesn't extract										
DXL	Doesn't extract live round										
EDS	Extractor drops shell										
ESB	Ejector sticks back										
ESS	Extractor stems shell										
FA	Fires automatically										
FB	Follower binds										

ILE00066629

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FC	Fails to connect										
FCB	Fore-end cracked or broken										
FD	Follows-down										
FF	Fails to fire										
FFM	Fails to feed from magazine										
FFP	Flat firing pin										
FOS	Fires on safe										
FSR	Fires when safe is released										
GCSO	Gas cyl shot off										
GRSO	Guide ring shot off										
HPA	High pressure ammo										
HUE	Hard under extractor										
ILOP	Int. latch out of position										
ILRM	Int. latch ret. Missing										
ILSB	Int. latch stud broken										
ILSP	Int. latch spring out of position										
JL	Jumps latch										
JO	Jars off										
LB	Light blow										
MCSO	Magazine cap shot off										
MCW	Magazine capacity wrong										
MFA	Misfires (ammo)										
MFOP	Magazine follower out of position										
MLH	Magazine loads hard										
OH	Opens hard										
PH	Pulls hard										
PSI	Proof stamp illegible										

ILE0006630

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

PSM	Proof stamp missing										
RBOC	Rings and bulges on case										
RDW	(Action) release doesn't work										
RIC	Rings in chamber										
SBC	Stems bottom chambers										
SBCL	Shell binds carrier latch										
SBE	Stems bbl extension										
SCB	Stock cracked or broken										
SCX	Shell catches										
SHI	Short indent										
SIC	Stems in chamber										
SL	shaves lead										
SLC	Stems left side of chamber										
SMOC	Stretch marks on case										
SRC	Stems right side of chamber										
SRIC	Specific rings in chamber										
SSC	shell stems carrier										
STC	Stems top chamber										
SWE	Safety switch works too easily										
SWH	Safety switch works too hard										
SWW	Safety ewitxh won't work										
TD	Tips down										
TU	Tips up										
TWP	Trigger won't pull										
TWR	Trigger won't retract										
UNCN-T	Uncoded										
XH	Extracts hard										

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

XHB	Extractor hits bbl										
HI	High										
LO	Low										
LEFT	Left										
RIGHT	Right										
DG	Doesn't Group										
FSST	Front sight tipped										
RSTT	Rear sight tipped										
RSBR	Rear sight base raised										
FSTR	Front sight raised										
FSTL	Front sight loose										
RSTL	Rear sight loose										
MGPT-G	Missing parts at target										
UNCN-G	Uncoded nonconformity at target										
AI-P	Assembly incompleye at proof										
BC-P	Blows cases at proof										
BEB-P	Barrel extension broken at proof										
BLP-P	Blanked primer at proof										
BP-P	Blown primer at proof										
BS-P	Barrel split at proof										
DLOS-P	Doesn't lock over shells at proof										
ESB-P	Ejector sticks back at proof										
FCB-P	Fore-end cracked at proof										
FESO-P	Fore-end shot off at proof										
FF-P	Fails to fire at proof										

ILE00066632

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

GCSO-P	Gas cylinder shot off at proof										
GRSO-P	Guide ring shot off at proof										
MCSO-P	Magazine cap shot off at proof										
MSI-P	Magnaflux stamp illegible on bbl										
MSM-P	Magnaflux stamp missing on bbl										
PP-P	Pierced primer at proof										
SCB-P	Stock cracked or broken at proof										
UNCM-P	Uncoded proof malfunctions										

ILE00066633

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Test Date:

108				12	
0	*0*	*0*	*0*	*0*	*0*
0.0				*0.0*	
108				50	
0	*0*	*0*	*0*	*0*	*0*
0.0				*0.0*	
				40	
0	*0*	*0*	*0*	*1*	*0*
				2.5	

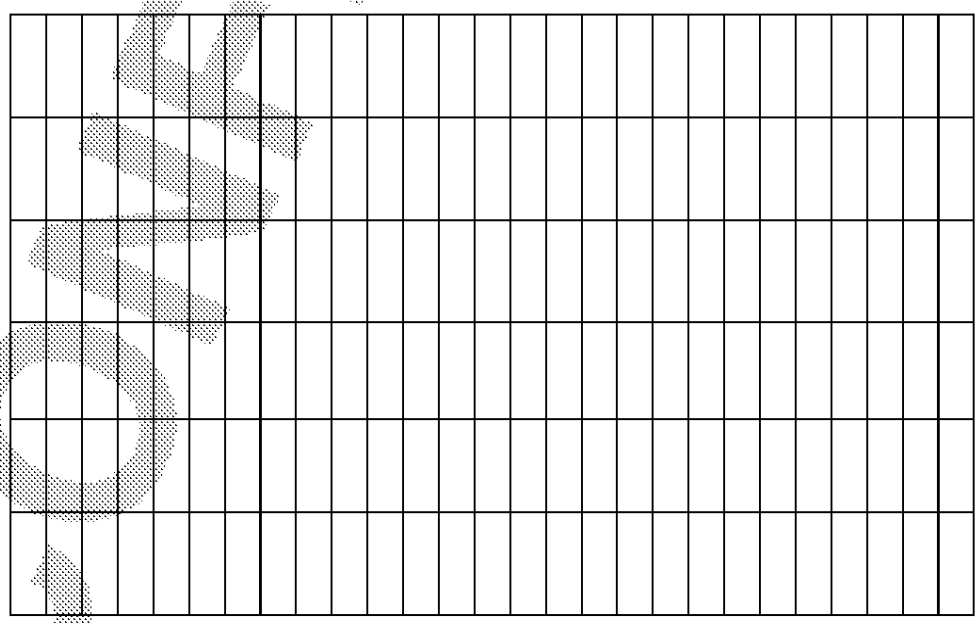
870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

ILE00066634

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL



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CONFIDENTIAL

Summary		
	Total Test + Proof Failures	0
	Total Rejected:	0
	Overall Reject Rate:	

Proof	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										
Test	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										
Target	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										

CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
AB	Action binds										
ASFB	Action spring follower binds										
BABS	Bulge at body shoulder										
BAC	Burr at chamber										
BB	Bolt binds/catches										
BCOE	Bolt catches on ejector										
BC	Blows cases										
BLOP	Bar lock or disconnector out of position										
BSCO	Barrel support came out										
CBS-F	Shells catch on bbl support-feeding										
CBS-L	Shells catch on bbl support-loading										
CC	Carrier catches on shells,mag,receiver										
CD	Case dented										
CH	Closes hard										

ILE00066640

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

CHAB	Carrier hits action bar										
CLM	Can't laod magazine										
CO	Cut-off										
CR	Cuts rim										
CS	Cases swell										
CTOG	Chamber torn or gouged										
CTP	Creepy trigger pull										
CWSB	Cams wrong side of action bar										
DBB	Doesn't blow back										
DCS	Double click in safety switch										
DCT	Double click in trigger										
DCU	Doesn't close-up										
DE	Doesn't eject										
DEL	Doesn't eject live round										
DFU	Doesn't feed up										
DLO	Doesn't lock open (after last shell)										
DLU	Doesn't lock-up										
DS	Dead safe										
DSM	Drops shell-magazine										
DTL	Doesn't trip latch										
DX	Doesn't extract										
DXL	Doesn't extract live round										
EDS	Extractor drops shell										
ESB	Ejector sticks back										
ESS	Extractor stems shell										
FA	Fires automatically										
FB	Follower binds										

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FC	Fails to connect										
FCB	Fore-end cracked or broken										
FD	Follows-down										
FF	Fails to fire										
FFM	Fails to feed from magazine										
FFP	Flat firing pin										
FOS	Fires on safe										
FSR	Fires when safe is released										
GCSO	Gas cyl shot off										
GRSO	Guide ring shot off										
HPA	High pressure ammo										
HUE	Hard under extractor										
ILOP	Int. latch out of position										
ILRM	Int. latch ret. Missing										
ILSB	Int. latch stud broken										
ILSP	Int. latch spring out of position										
JL	Jumps latch										
JO	Jars off										
LB	Light blow										
MCSO	Magazine cap shot off										
MCW	Magazine capacity wrong										
MFA	Misfires (ammo)										
MFOP	Magazine follower out of position										
MLH	Magazine loads hard										
OH	Opens hard										
PH	Pulls hard										
PSI	Proof stamp illegible										

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

PSM	Proof stamp missing										
RBOC	Rings and bulges on case										
RDW	(Action) release doesn't work										
RIC	Rings in chamber										
SBC	Stems bottom chambers										
SBCL	Shell binds carrier latch										
SBE	Stems bbl extension										
SCB	Stock cracked or broken										
SCX	Shell catches										
SHI	Short indent										
SIC	Stems in chamber										
SL	shaves lead										
SLC	Stems left side of chamber										
SMOC	Stretch marks on case										
SRC	Stems right side of chamber										
SRIC	Specific rings in chamber										
SSC	shell stems carrier										
STC	Stems top chamber										
SWE	Safety switch works too easily										
SWH	Safety switch works too hard										
SWW	Safety ewitxh won't work										
TD	Tips down										
TU	Tips up										
TWP	Trigger won't pull										
TWR	Trigger won't retract										
UNCN-T	Uncoded										
XH	Extracts hard										

ILE0006643

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

XHB	Extractor hits bbl										
HI	High										
LO	Low										
LEFT	Left										
RIGHT	Right										
DG	Doesn't Group										
FSST	Front sight tipped										
RSTT	Rear sight tipped										
RSBR	Rear sight base raised										
FSTR	Front sight raised										
FSTL	Front sight loose										
RSTL	Rear sight loose										
MGPT-G	Missing parts at target										
UNCN-G	Uncoded nonconformity at target										
AI-P	Assembly incompleye at proof										
BC-P	Blows cases at proof										
BEB-P	Barrel extension broken at proof										
BLP-P	Blanked primer at proof										
BP-P	Blown primer at proof										
BS-P	Barrel split at proof										
DLOS-P	Doesn't lock over shells at proof										
ESB-P	Ejector sticks back at proof										
FCB-P	Fore-end cracked at proof										
FESO-P	Fore-end shot off at proof										
FF-P	Fails to fire at proof										

ILE0006664

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

GCSO-P	Gas cylinder shot off at proof										
GRSO-P	Guide ring shot off at proof										
MCSO-P	Magazine cap shot off at proof										
MSI-P	Magnaflux stamp illegible on bbl										
MSM-P	Magnaflux stamp missing on bbl										
PP-P	Pierced primer at proof										
SCB-P	Stock cracked or broken at proof										
UNCM-P	Uncoded proof malfunctions										

ILE0006645

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Test Date:

0	*0*	*0*	*0*	*0*	*0*
0	*0*	*0*	*0*	*0*	*0*
0	*0*	*0*	*0*	*0*	*0*

870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

ILE00066646

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

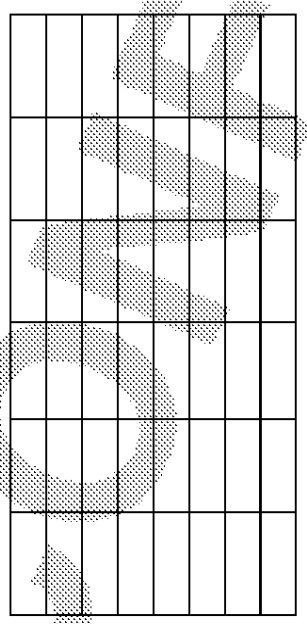
CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL



Subject to Protective Order - Williams v. Remington

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Summary		
	Total Test + Proof Failures	0
	Total Rejected:	0
	Overall Reject Rate:	

Proof	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										
Test	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										
Target	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										

CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
AB	Action binds										
ASFB	Action spring follower binds										
BABS	Bulge at body shoulder										
BAC	Burr at chamber										
BB	Bolt binds/catches										
BCOE	Bolt catches on ejector										
BC	Blows cases										
BLOP	Bar lock or disconnector out of position										
BSCO	Barrel support came out										
CBS-F	Shells catch on bbl support-feeding										
CBS-L	Shells catch on bbl support-loading										
CC	Carrier catches on shells,mag,receiver										
CD	Case dented										
CH	Closes hard										

ILE00066652

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

CHAB	Carrier hits action bar										
CLM	Can't laod magazine										
CO	Cut-off										
CR	Cuts rim										
CS	Cases swell										
CTOG	Chamber torn or gouged										
CTP	Creepy trigger pull										
CWSB	Cams wrong side of action bar										
DBB	Doesn't blow back										
DCS	Double click in safety switch										
DCT	Double click in trigger										
DCU	Doesn't close-up										
DE	Doesn't eject										
DEL	Doesn't eject live round										
DFU	Doesn't feed up										
DLO	Doesn't lock open (after last shell)										
DLU	Doesn't lock-up										
DS	Dead safe										
DSM	Drops shell-magazine										
DTL	Doesn't trip latch										
DX	Doesn't extract										
DXL	Doesn't extract live round										
EDS	Extractor drops shell										
ESB	Ejector sticks back										
ESS	Extractor stems shell										
FA	Fires automatically										
FB	Follower binds										

ILE0006653

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

FC	Fails to connect										
FCB	Fore-end cracked or broken										
FD	Follows-down										
FF	Fails to fire										
FFM	Fails to feed from magazine										
FFP	Flat firing pin										
FOS	Fires on safe										
FSR	Fires when safe is released										
GCSO	Gas cyl shot off										
GRSO	Guide ring shot off										
HPA	High pressure ammo										
HUE	Hard under extractor										
ILOP	Int. latch out of position										
ILRM	Int. latch ret. Missing										
ILSB	Int. latch stud broken										
ILSP	Int. latch spring out of position										
JL	Jumps latch										
JO	Jars off										
LB	Light blow										
MCSO	Magazine cap shot off										
MCW	Magazine capacity wrong										
MFA	Misfires (ammo)										
MFOP	Magazine follower out of position										
MLH	Magazine loads hard										
OH	Opens hard										
PH	Pulls hard										
PSI	Proof stamp illegible										

ILE0006665

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

PSM	Proof stamp missing										
RBOC	Rings and bulges on case										
RDW	(Action) release doesn't work										
RIC	Rings in chamber										
SBC	Stems bottom chambers										
SBCL	Shell binds carrier latch										
SBE	Stems bbl extension										
SCB	Stock cracked or broken										
SCX	Shell catches										
SHI	Short indent										
SIC	Stems in chamber										
SL	shaves lead										
SLC	Stems left side of chamber										
SMOC	Stretch marks on case										
SRC	Stems right side of chamber										
SRIC	Specific rings in chamber										
SSC	shell stems carrier										
STC	Stems top chamber										
SWE	Safety switch works too easily										
SWH	Safety switch works too hard										
SWW	Safety ewitxh won't work										
TD	Tips down										
TU	Tips up										
TWP	Trigger won't pull										
TWR	Trigger won't retract										
UNCN-T	Uncoded										
XH	Extracts hard										

ILE0006655

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

XHB	Extractor hits bbl										
HI	High										
LO	Low										
LEFT	Left										
RIGHT	Right										
DG	Doesn't Group										
FSST	Front sight tipped										
RSTT	Rear sight tipped										
RSBR	Rear sight base raised										
FSTR	Front sight raised										
FSTL	Front sight loose										
RSTL	Rear sight loose										
MGPT-G	Missing parts at target										
UNCN-G	Uncoded nonconformity at target										
AI-P	Assembly incompleye at proof										
BC-P	Blows cases at proof										
BEB-P	Barrel extension broken at proof										
BLP-P	Blanked primer at proof										
BP-P	Blown primer at proof										
BS-P	Barrel split at proof										
DLOS-P	Doesn't lock over shells at proof										
ESB-P	Ejector sticks back at proof										
FCB-P	Fore-end cracked at proof										
FESO-P	Fore-end shot off at proof										
FF-P	Fails to fire at proof										

ILE00066656

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GCSO-P	Gas cylinder shot off at proof										
GRSO-P	Guide ring shot off at proof										
MCSO-P	Magazine cap shot off at proof										
MSI-P	Magnaflux stamp illegible on bbl										
MSM-P	Magnaflux stamp missing on bbl										
PP-P	Pierced primer at proof										
SCB-P	Stock cracked or broken at proof										
UNCM-P	Uncoded proof malfunctions										

ILE0006657

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CONFIDENTIAL

Test Date:

0	*0*	*0*	*0*	*0*	*0*
0	*0*	*0*	*0*	*0*	*0*
0	*0*	*0*	*0*	*0*	*0*

870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

ILE00066658

CONFIDENTIAL

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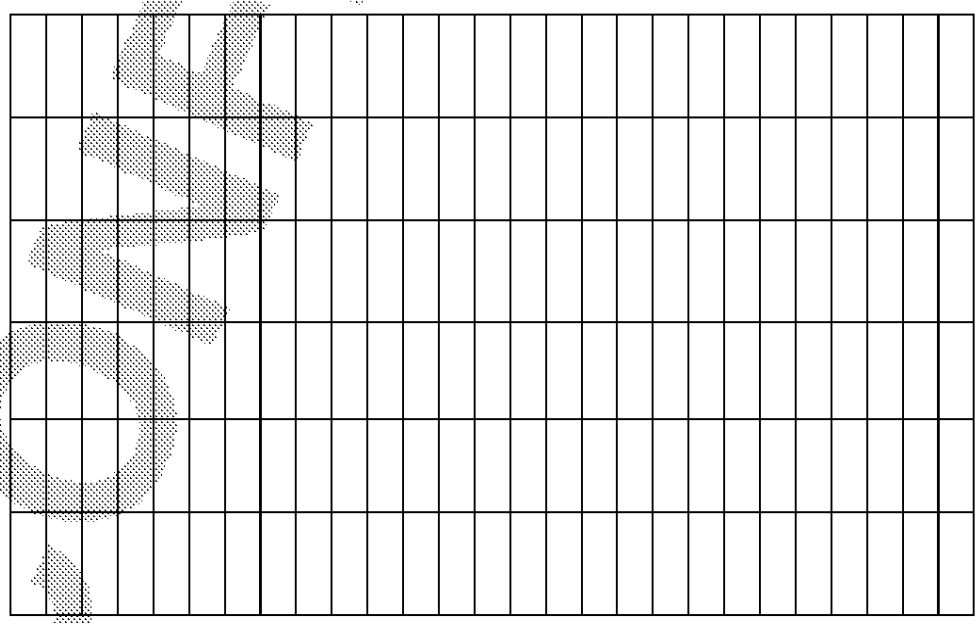
CONFIDENTIAL



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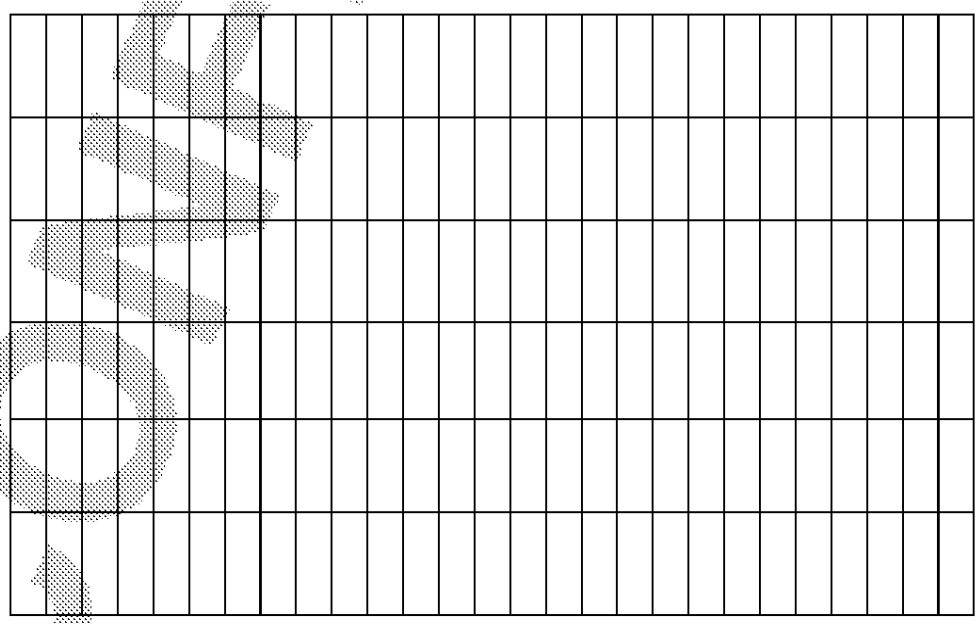

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Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Summary		
	Total Test + Proof Failures	0
	Total Rejected:	0
	Overall Reject Rate:	

Proof	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										
Test	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										
Target	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										

CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
AB	Action binds										
ASFB	Action spring follower binds										
BABS	Bulge at body shoulder										
BAC	Burr at chamber										
BB	Bolt binds/catches										
BCOE	Bolt catches on ejector										
BC	Blows cases										
BLOP	Bar lock or disconnector out of position										
BSCO	Barrel support came out										
CBS-F	Shells catch on bbl support-feeding										
CBS-L	Shells catch on bbl support-loading										
CC	Carrier catches on shells,mag,receiver										
CD	Case dented										
CH	Closes hard										

ILE00066664

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CHAB	Carrier hits action bar										
CLM	Can't laod magazine										
CO	Cut-off										
CR	Cuts rim										
CS	Cases swell										
CTOG	Chamber torn or gouged										
CTP	Creepy trigger pull										
CWSB	Cams wrong side of action bar										
DBB	Doesn't blow back										
DCS	Double click in safety switch										
DCT	Double click in trigger										
DCU	Doesn't close-up										
DE	Doesn't eject										
DEL	Doesn't eject live round										
DFU	Doesn't feed up										
DLO	Doesn't lock open (after last shell)										
DLU	Doesn't lock-up										
DS	Dead safe										
DSM	Drops shell-magazine										
DTL	Doesn't trip latch										
DX	Doesn't extract										
DXL	Doesn't extract live round										
EDS	Extractor drops shell										
ESB	Ejector sticks back										
ESS	Extractor stems shell										
FA	Fires automatically										
FB	Follower binds										

ILE00066665

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FC	Fails to connect										
FCB	Fore-end cracked or broken										
FD	Follows-down										
FF	Fails to fire										
FFM	Fails to feed from magazine										
FFP	Flat firing pin										
FOS	Fires on safe										
FSR	Fires when safe is released										
GCSO	Gas cyl shot off										
GRSO	Guide ring shot off										
HPA	High pressure ammo										
HUE	Hard under extractor										
ILOP	Int. latch out of position										
ILRM	Int. latch ret. Missing										
ILSB	Int. latch stud broken										
ILSP	Int. latch spring out of position										
JL	Jumps latch										
JO	Jars off										
LB	Light blow										
MCSO	Magazine cap shot off										
MCW	Magazine capacity wrong										
MFA	Misfires (ammo)										
MFOP	Magazine follower out of position										
MLH	Magazine loads hard										
OH	Opens hard										
PH	Pulls hard										
PSI	Proof stamp illegible										

ILE00066666

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CONFIDENTIAL

PSM	Proof stamp missing										
RBOC	Rings and bulges on case										
RDW	(Action) release doesn't work										
RIC	Rings in chamber										
SBC	Stems bottom chambers										
SBCL	Shell binds carrier latch										
SBE	Stems bbl extension										
SCB	Stock cracked or broken										
SCX	Shell catches										
SHI	Short indent										
SIC	Stems in chamber										
SL	shaves lead										
SLC	Stems left side of chamber										
SMOC	Stretch marks on case										
SRC	Stems right side of chamber										
SRIC	Specific rings in chamber										
SSC	shell stems carrier										
STC	Stems top chamber										
SWE	Safety switch works too easily										
SWH	Safety switch works too hard										
SWW	Safety ewitxh won't work										
TD	Tips down										
TU	Tips up										
TWP	Trigger won't pull										
TWR	Trigger won't retract										
UNCN-T	Uncoded										
XH	Extracts hard										

ILE00066667

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

XHB	Extractor hits bbl										
HI	High										
LO	Low										
LEFT	Left										
RIGHT	Right										
DG	Doesn't Group										
FSST	Front sight tipped										
RSTT	Rear sight tipped										
RSBR	Rear sight base raised										
FSTR	Front sight raised										
FSTL	Front sight loose										
RSTL	Rear sight loose										
MGPT-G	Missing parts at target										
UNCN-G	Uncoded nonconformity at target										
AI-P	Assembly incompleye at proof										
BC-P	Blows cases at proof										
BEB-P	Barrel extension broken at proof										
BLP-P	Blanked primer at proof										
BP-P	Blown primer at proof										
BS-P	Barrel split at proof										
DLOS-P	Doesn't lock over shells at proof										
ESB-P	Ejector sticks back at proof										
FCB-P	Fore-end cracked at proof										
FESO-P	Fore-end shot off at proof										
FF-P	Fails to fire at proof										

ILE00066668

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

GCSO-P	Gas cylinder shot off at proof										
GRSO-P	Guide ring shot off at proof										
MCSO-P	Magazine cap shot off at proof										
MSI-P	Magnaflux stamp illegible on bbl										
MSM-P	Magnaflux stamp missing on bbl										
PP-P	Pierced primer at proof										
SCB-P	Stock cracked or broken at proof										
UNCM-P	Uncoded proof malfunctions										

ILE00066669

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CONFIDENTIAL

Test Date:

0	*0*	*0*	*0*	*0*	*0*
0	*0*	*0*	*0*	*0*	*0*
0	*0*	*0*	*0*	*0*	*0*

870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

ILE00066670

CONFIDENTIAL

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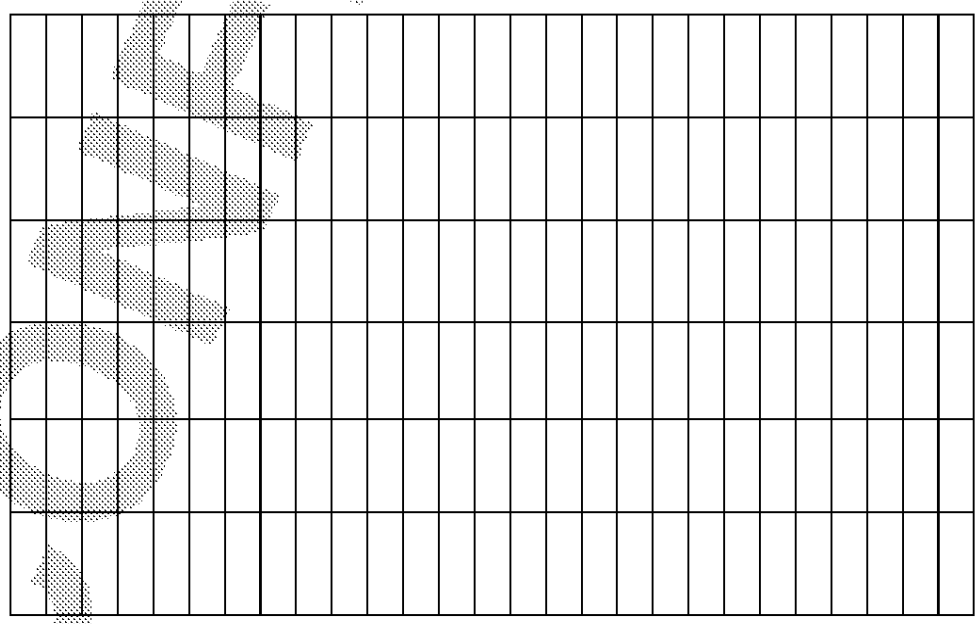
CONFIDENTIAL



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Subject to Protective Order - Williams v. Remington

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Subject to Protective Order - Williams v. Remington

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CONFIDENTIAL

Summary		
	Total Test + Proof Failures	0
	Total Rejected:	0
	Overall Reject Rate:	

Proof	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										
Test	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										
Target	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										

CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
AB	Action binds										
ASFB	Action spring follower binds										
BABS	Bulge at body shoulder										
BAC	Burr at chamber										
BB	Bolt binds/catches										
BCOE	Bolt catches on ejector										
BC	Blows cases										
BLOP	Bar lock or disconnector out of position										
BSCO	Barrel support came out										
CBS-F	Shells catch on bbl support-feeding										
CBS-L	Shells catch on bbl support-loading										
CC	Carrier catches on shells,mag,receiver										
CD	Case dented										
CH	Closes hard										

ILE00066767

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CONFIDENTIAL

CHAB	Carrier hits action bar										
CLM	Can't laod magazine										
CO	Cut-off										
CR	Cuts rim										
CS	Cases swell										
CTOG	Chamber torn or gouged										
CTP	Creepy trigger pull										
CWSB	Cams wrong side of action bar										
DBB	Doesn't blow back										
DCS	Double click in safety switch										
DCT	Double click in trigger										
DCU	Doesn't close-up										
DE	Doesn't eject										
DEL	Doesn't eject live round										
DFU	Doesn't feed up										
DLO	Doesn't lock open (after last shell)										
DLU	Doesn't lock-up										
DS	Dead safe										
DSM	Drops shell-magazine										
DTL	Doesn't trip latch										
DX	Doesn't extract										
DXL	Doesn't extract live round										
EDS	Extractor drops shell										
ESB	Ejector sticks back										
ESS	Extractor stems shell										
FA	Fires automatically										
FB	Follower binds										

ILE00066677

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FC	Fails to connect										
FCB	Fore-end cracked or broken										
FD	Follows-down										
FF	Fails to fire										
FFM	Fails to feed from magazine										
FFP	Flat firing pin										
FOS	Fires on safe										
FSR	Fires when safe is released										
GCSO	Gas cyl shot off										
GRSO	Guide ring shot off										
HPA	High pressure ammo										
HUE	Hard under extractor										
ILOP	Int. latch out of position										
ILRM	Int. latch ret. Missing										
ILSB	Int. latch stud broken										
ILSP	Int. latch spring out of position										
JL	Jumps latch										
JO	Jars off										
LB	Light blow										
MCSO	Magazine cap shot off										
MCW	Magazine capacity wrong										
MFA	Misfires (ammo)										
MFOP	Magazine follower out of position										
MLH	Magazine loads hard										
OH	Opens hard										
PH	Pulls hard										
PSI	Proof stamp illegible										

ILE00066678

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

PSM	Proof stamp missing										
RBOC	Rings and bulges on case										
RDW	(Action) release doesn't work										
RIC	Rings in chamber										
SBC	Stems bottom chambers										
SBCL	Shell binds carrier latch										
SBE	Stems bbl extension										
SCB	Stock cracked or broken										
SCX	Shell catches										
SHI	Short indent										
SIC	Stems in chamber										
SL	shaves lead										
SLC	Stems left side of chamber										
SMOC	Stretch marks on case										
SRC	Stems right side of chamber										
SRIC	Specific rings in chamber										
SSC	shell stems carrier										
STC	Stems top chamber										
SWE	Safety switch works too easily										
SWH	Safety switch works too hard										
SWW	Safety ewitxh won't work										
TD	Tips down										
TU	Tips up										
TWP	Trigger won't pull										
TWR	Trigger won't retract										
UNCN-T	Uncoded										
XH	Extracts hard										

ILE00066679

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

XHB	Extractor hits bbl										
HI	High										
LO	Low										
LEFT	Left										
RIGHT	Right										
DG	Doesn't Group										
FSST	Front sight tipped										
RSTT	Rear sight tipped										
RSBR	Rear sight base raised										
FSTR	Front sight raised										
FSTL	Front sight loose										
RSTL	Rear sight loose										
MGPT-G	Missing parts at target										
UNCN-G	Uncoded nonconformity at target										
AI-P	Assembly incompleye at proof										
BC-P	Blows cases at proof										
BEB-P	Barrel extension broken at proof										
BLP-P	Blanked primer at proof										
BP-P	Blown primer at proof										
BS-P	Barrel split at proof										
DLOS-P	Doesn't lock over shells at proof										
ESB-P	Ejector sticks back at proof										
FCB-P	Fore-end cracked at proof										
FESO-P	Fore-end shot off at proof										
FF-P	Fails to fire at proof										

ILE0006680

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CONFIDENTIAL

GCSO-P	Gas cylinder shot off at proof										
GRSO-P	Guide ring shot off at proof										
MCSO-P	Magazine cap shot off at proof										
MSI-P	Magnaflux stamp illegible on bbl										
MSM-P	Magnaflux stamp missing on bbl										
PP-P	Pierced primer at proof										
SCB-P	Stock cracked or broken at proof										
UNCM-P	Uncoded proof malfunctions										

ILE0006681

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Test Date:

0	*0*	*0*	*0*	*0*	*0*
0	*0*	*0*	*0*	*0*	*0*
0	*0*	*0*	*0*	*0*	*0*

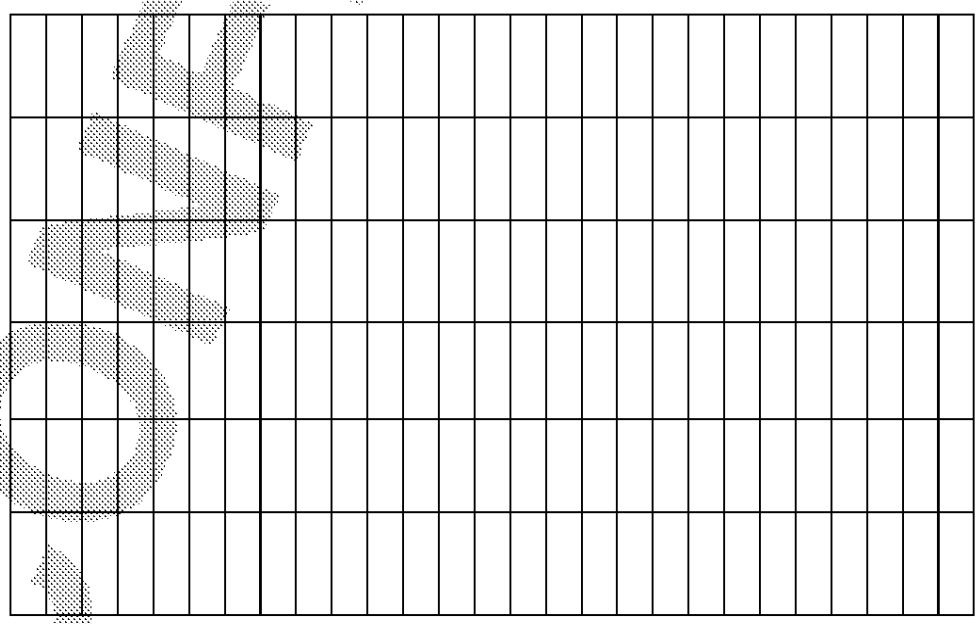
870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

ILE00066682

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL



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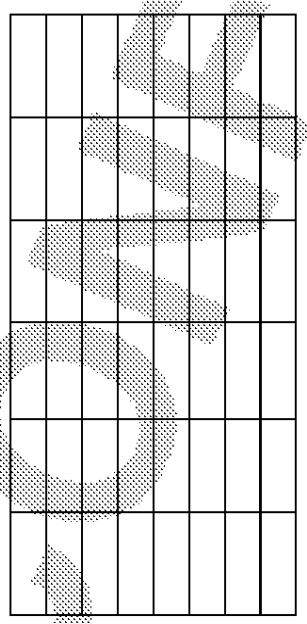
CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL



Subject to Protective Order - Williams v. Remington

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Summary		
	Total Test + Proof Failures	0
	Total Rejected:	0
	Overall Reject Rate:	

Proof	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										
Test	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										
Target	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										

CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
AB	Action binds										
ASFB	Action spring follower binds										
BABS	Bulge at body shoulder										
BAC	Burr at chamber										
BB	Bolt binds/catches										
BCOE	Bolt catches on ejector										
BC	Blows cases										
BLOP	Bar lock or disconnector out of position										
BSCO	Barrel support came out										
CBS-F	Shells catch on bbl support-feeding										
CBS-L	Shells catch on bbl support-loading										
CC	Carrier catches on shells,mag,receiver										
CD	Case dented										
CH	Closes hard										

ILE00066688

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

CHAB	Carrier hits action bar										
CLM	Can't laod magazine										
CO	Cut-off										
CR	Cuts rim										
CS	Cases swell										
CTOG	Chamber torn or gouged										
CTP	Creepy trigger pull										
CWSB	Cams wrong side of action bar										
DBB	Doesn't blow back										
DCS	Double click in safety switch										
DCT	Double click in trigger										
DCU	Doesn't close-up										
DE	Doesn't eject										
DEL	Doesn't eject live round										
DFU	Doesn't feed up										
DLO	Doesn't lock open (after last shell)										
DLU	Doesn't lock-up										
DS	Dead safe										
DSM	Drops shell-magazine										
DTL	Doesn't trip latch										
DX	Doesn't extract										
DXL	Doesn't extract live round										
EDS	Extractor drops shell										
ESB	Ejector sticks back										
ESS	Extractor stems shell										
FA	Fires automatically										
FB	Follower binds										

ILE0006689

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

FC	Fails to connect										
FCB	Fore-end cracked or broken										
FD	Follows-down										
FF	Fails to fire										
FFM	Fails to feed from magazine										
FFP	Flat firing pin										
FOS	Fires on safe										
FSR	Fires when safe is released										
GCSO	Gas cyl shot off										
GRSO	Guide ring shot off										
HPA	High pressure ammo										
HUE	Hard under extractor										
ILOP	Int. latch out of position										
ILRM	Int. latch ret. Missing										
ILSB	Int. latch stud broken										
ILSP	Int. latch spring out of position										
JL	Jumps latch										
JO	Jars off										
LB	Light blow										
MCSO	Magazine cap shot off										
MCW	Magazine capacity wrong										
MFA	Misfires (ammo)										
MFOP	Magazine follower out of position										
MLH	Magazine loads hard										
OH	Opens hard										
PH	Pulls hard										
PSI	Proof stamp illegible										

ILE00066690

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

PSM	Proof stamp missing										
RBOC	Rings and bulges on case										
RDW	(Action) release doesn't work										
RIC	Rings in chamber										
SBC	Stems bottom chambers										
SBCL	Shell binds carrier latch										
SBE	Stems bbl extension										
SCB	Stock cracked or broken										
SCX	Shell catches										
SHI	Short indent										
SIC	Stems in chamber										
SL	shaves lead										
SLC	Stems left side of chamber										
SMOC	Stretch marks on case										
SRC	Stems right side of chamber										
SRIC	Specific rings in chamber										
SSC	shell stems carrier										
STC	Stems top chamber										
SWE	Safety switch works too easily										
SWH	Safety switch works too hard										
SWW	Safety ewitxh won't work										
TD	Tips down										
TU	Tips up										
TWP	Trigger won't pull										
TWR	Trigger won't retract										
UNCN-T	Uncoded										
XH	Extracts hard										

ILE00066691

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

XHB	Extractor hits bbl										
HI	High										
LO	Low										
LEFT	Left										
RIGHT	Right										
DG	Doesn't Group										
FSST	Front sight tipped										
RSTT	Rear sight tipped										
RSBR	Rear sight base raised										
FSTR	Front sight raised										
FSTL	Front sight loose										
RSTL	Rear sight loose										
MGPT-G	Missing parts at target										
UNCN-G	Uncoded nonconformity at target										
AI-P	Assembly incompleye at proof										
BC-P	Blows cases at proof										
BEB-P	Barrel extension broken at proof										
BLP-P	Blanked primer at proof										
BP-P	Blown primer at proof										
BS-P	Barrel split at proof										
DLOS-P	Doesn't lock over shells at proof										
ESB-P	Ejector sticks back at proof										
FCB-P	Fore-end cracked at proof										
FESO-P	Fore-end shot off at proof										
FF-P	Fails to fire at proof										

ILE0006692

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

GCSO-P	Gas cylinder shot off at proof										
GRSO-P	Guide ring shot off at proof										
MCSO-P	Magazine cap shot off at proof										
MSI-P	Magnaflux stamp illegible on bbl										
MSM-P	Magnaflux stamp missing on bbl										
PP-P	Pierced primer at proof										
SCB-P	Stock cracked or broken at proof										
UNCM-P	Uncoded proof malfunctions										

ILE00066693

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CONFIDENTIAL

Test Date:

0	*0*	*0*	*0*	*0*	*0*
0	*0*	*0*	*0*	*0*	*0*
0	*0*	*0*	*0*	*0*	*0*

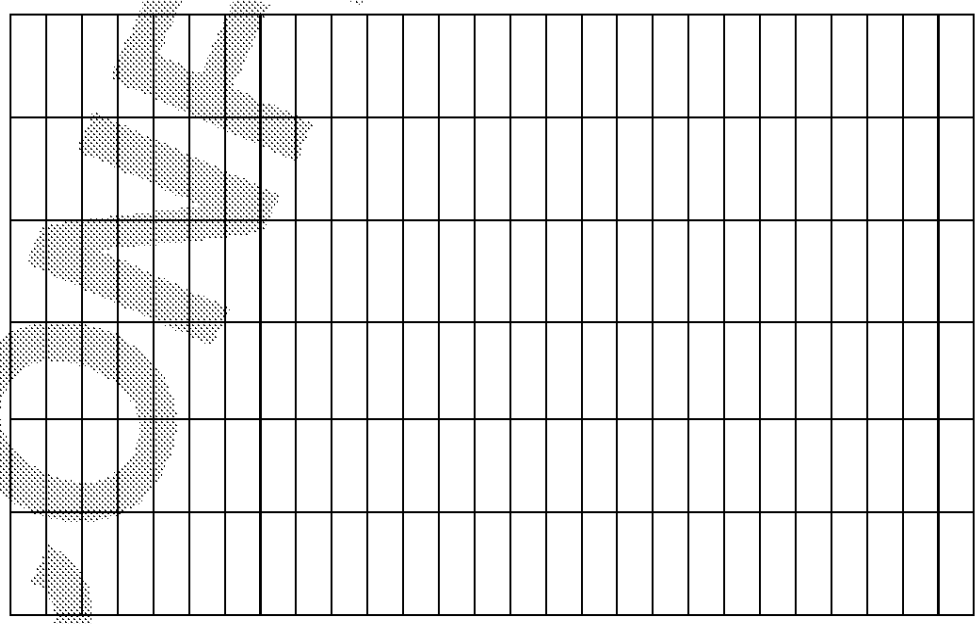
870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

ILE00066694

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL



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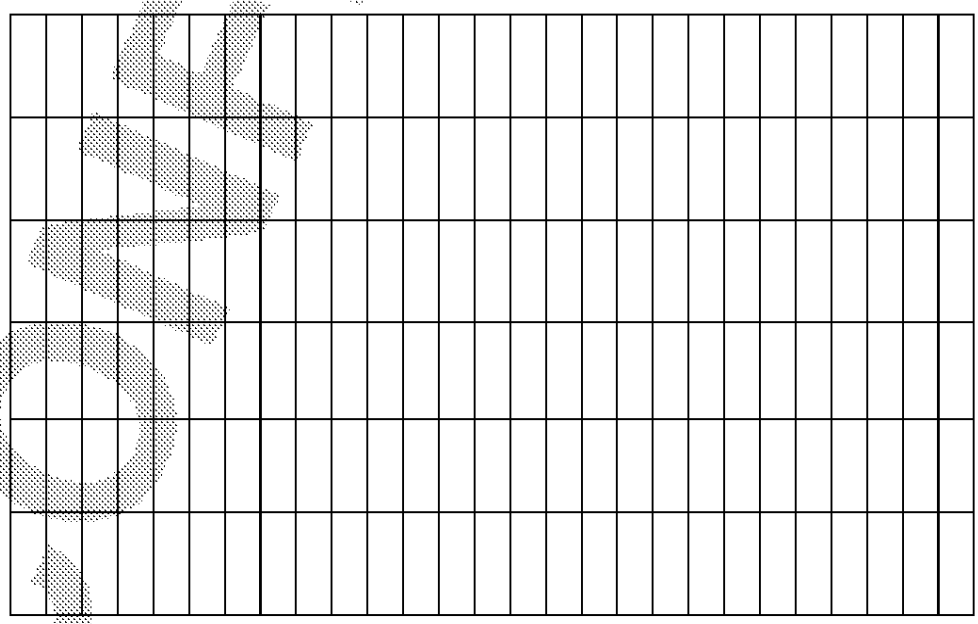
CONFIDENTIAL



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Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Summary		
	Total Test + Proof Failures	0
	Total Rejected:	0
	Overall Reject Rate:	

Proof	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										
Test	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										
Target	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										

CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
AB	Action binds										
ASFB	Action spring follower binds										
BABS	Bulge at body shoulder										
BAC	Burr at chamber										
BB	Bolt binds/catches										
BCOE	Bolt catches on ejector										
BC	Blows cases										
BLOP	Bar lock or disconnector out of position										
BSCO	Barrel support came out										
CBS-F	Shells catch on bbl support-feeding										
CBS-L	Shells catch on bbl support-loading										
CC	Carrier catches on shells,mag,receiver										
CD	Case dented										
CH	Closes hard										

ILE00066700

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

CHAB	Carrier hits action bar										
CLM	Can't laod magazine										
CO	Cut-off										
CR	Cuts rim										
CS	Cases swell										
CTOG	Chamber torn or gouged										
CTP	Creepy trigger pull										
CWSB	Cams wrong side of action bar										
DBB	Doesn't blow back										
DCS	Double click in safety switch										
DCT	Double click in trigger										
DCU	Doesn't close-up										
DE	Doesn't eject										
DEL	Doesn't eject live round										
DFU	Doesn't feed up										
DLO	Doesn't lock open (after last shell)										
DLU	Doesn't lock-up										
DS	Dead safe										
DSM	Drops shell-magazine										
DTL	Doesn't trip latch										
DX	Doesn't extract										
DXL	Doesn't extract live round										
EDS	Extractor drops shell										
ESB	Ejector sticks back										
ESS	Extractor stems shell										
FA	Fires automatically										
FB	Follower binds										

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

FC	Fails to connect										
FCB	Fore-end cracked or broken										
FD	Follows-down										
FF	Fails to fire										
FFM	Fails to feed from magazine										
FFP	Flat firing pin										
FOS	Fires on safe										
FSR	Fires when safe is released										
GCSO	Gas cyl shot off										
GRSO	Guide ring shot off										
HPA	High pressure ammo										
HUE	Hard under extractor										
ILOP	Int. latch out of position										
ILRM	Int. latch ret. Missing										
ILSB	Int. latch stud broken										
ILSP	Int. latch spring out of position										
JL	Jumps latch										
JO	Jars off										
LB	Light blow										
MCSO	Magazine cap shot off										
MCW	Magazine capacity wrong										
MFA	Misfires (ammo)										
MFOP	Magazine follower out of position										
MLH	Magazine loads hard										
OH	Opens hard										
PH	Pulls hard										
PSI	Proof stamp illegible										

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

PSM	Proof stamp missing										
RBOC	Rings and bulges on case										
RDW	(Action) release doesn't work										
RIC	Rings in chamber										
SBC	Stems bottom chambers										
SBCL	Shell binds carrier latch										
SBE	Stems bbl extension										
SCB	Stock cracked or broken										
SCX	Shell catches										
SHI	Short indent										
SIC	Stems in chamber										
SL	shaves lead										
SLC	Stems left side of chamber										
SMOC	Stretch marks on case										
SRC	Stems right side of chamber										
SRIC	Specific rings in chamber										
SSC	shell stems carrier										
STC	Stems top chamber										
SWE	Safety switch works too easily										
SWH	Safety switch works too hard										
SWW	Safety ewitxh won't work										
TD	Tips down										
TU	Tips up										
TWP	Trigger won't pull										
TWR	Trigger won't retract										
UNCN-T	Uncoded										
XH	Extracts hard										

ILE0006670

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

XHB	Extractor hits bbl										
HI	High										
LO	Low										
LEFT	Left										
RIGHT	Right										
DG	Doesn't Group										
FSST	Front sight tipped										
RSTT	Rear sight tipped										
RSBR	Rear sight base raised										
FSTR	Front sight raised										
FSTL	Front sight loose										
RSTL	Rear sight loose										
MGPT-G	Missing parts at target										
UNCN-G	Uncoded nonconformity at target										
AI-P	Assembly incompleye at proof										
BC-P	Blows cases at proof										
BEB-P	Barrel extension broken at proof										
BLP-P	Blanked primer at proof										
BP-P	Blown primer at proof										
BS-P	Barrel split at proof										
DLOS-P	Doesn't lock over shells at proof										
ESB-P	Ejector sticks back at proof										
FCB-P	Fore-end cracked at proof										
FESO-P	Fore-end shot off at proof										
FF-P	Fails to fire at proof										

ILE0006670

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

GCSO-P	Gas cylinder shot off at proof										
GRSO-P	Guide ring shot off at proof										
MCSO-P	Magazine cap shot off at proof										
MSI-P	Magnaflux stamp illegible on bbl										
MSM-P	Magnaflux stamp missing on bbl										
PP-P	Pierced primer at proof										
SCB-P	Stock cracked or broken at proof										
UNCM-P	Uncoded proof malfunctions										

ILE0006670

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

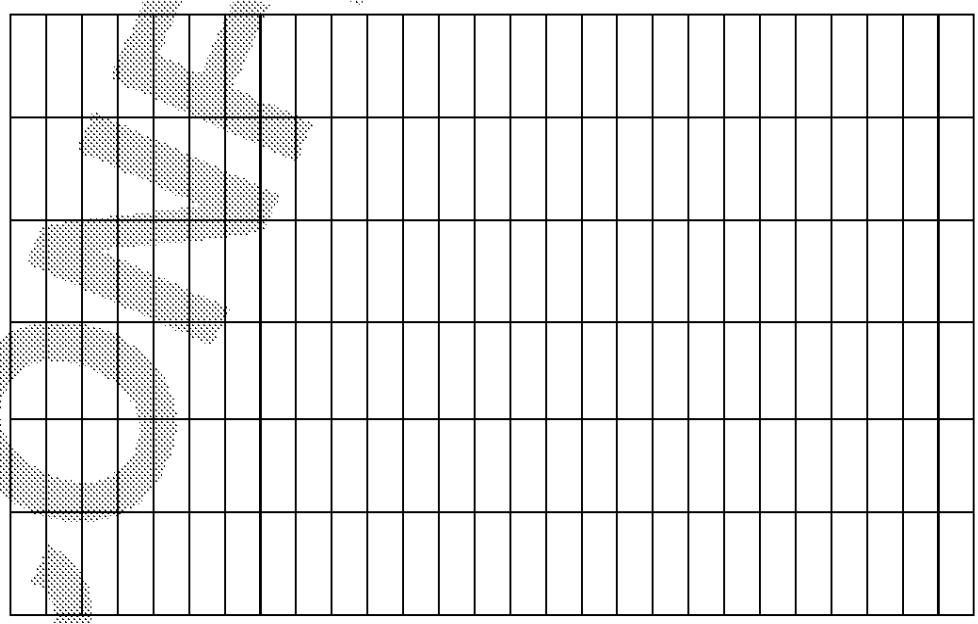
Test Date:

0	*0*	*0*	*0*	*0*	*0*
0	*0*	*0*	*0*	*0*	*0*
0	*0*	*0*	*0*	*0*	*0*

870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

ILE00066706

CONFIDENTIAL



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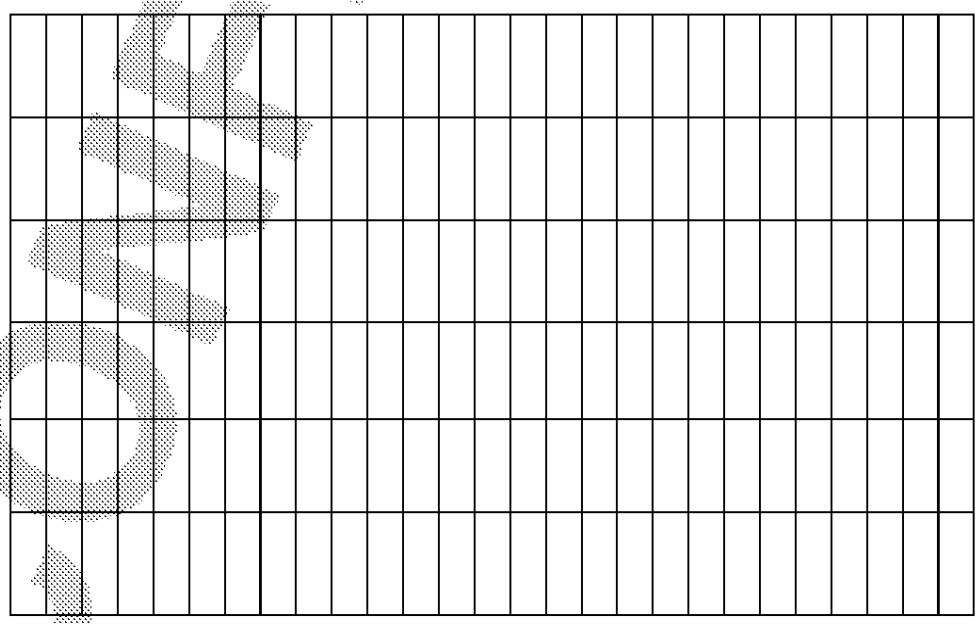
CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL



Subject to Protective Order - Williams v. Remington

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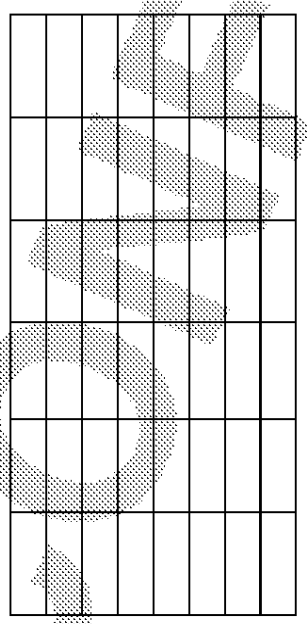
Subject to Protective Order - Williams v. Remington

CONFIDENTIAL



Subject to Protective Order - Williams v. Remington

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Summary		
	Total Test + Proof Failures	0
	Total Rejected:	0
	Overall Reject Rate:	

Proof	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										
Test	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										
Target	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										

CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
AB	Action binds										
ASFB	Action spring follower binds										
BABS	Bulge at body shoulder										
BAC	Burr at chamber										
BB	Bolt binds/catches										
BCOE	Bolt catches on ejector										
BC	Blows cases										
BLOP	Bar lock or disconnector out of position										
BSCO	Barrel support came out										
CBS-F	Shells catch on bbl support-feeding										
CBS-L	Shells catch on bbl support-loading										
CC	Carrier catches on shells,mag,receiver										
CD	Case dented										
CH	Closes hard										

ILE0006671

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

CHAB	Carrier hits action bar										
CLM	Can't laod magazine										
CO	Cut-off										
CR	Cuts rim										
CS	Cases swell										
CTOG	Chamber torn or gouged										
CTP	Creepy trigger pull										
CWSB	Cams wrong side of action bar										
DBB	Doesn't blow back										
DCS	Double click in safety switch										
DCT	Double click in trigger										
DCU	Doesn't close-up										
DE	Doesn't eject										
DEL	Doesn't eject live round										
DFU	Doesn't feed up										
DLO	Doesn't lock open (after last shell)										
DLU	Doesn't lock-up										
DS	Dead safe										
DSM	Drops shell-magazine										
DTL	Doesn't trip latch										
DX	Doesn't extract										
DXL	Doesn't extract live round										
EDS	Extractor drops shell										
ESB	Ejector sticks back										
ESS	Extractor stems shell										
FA	Fires automatically										
FB	Follower binds										

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

FC	Fails to connect										
FCB	Fore-end cracked or broken										
FD	Follows-down										
FF	Fails to fire										
FFM	Fails to feed from magazine										
FFP	Flat firing pin										
FOS	Fires on safe										
FSR	Fires when safe is released										
GCSO	Gas cyl shot off										
GRSO	Guide ring shot off										
HPA	High pressure ammo										
HUE	Hard under extractor										
ILOP	Int. latch out of position										
ILRM	Int. latch ret. Missing										
ILSB	Int. latch stud broken										
ILSP	Int. latch spring out of position										
JL	Jumps latch										
JO	Jars off										
LB	Light blow										
MCSO	Magazine cap shot off										
MCW	Magazine capacity wrong										
MFA	Misfires (ammo)										
MFOP	Magazine follower out of position										
MLH	Magazine loads hard										
OH	Opens hard										
PH	Pulls hard										
PSI	Proof stamp illegible										

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

PSM	Proof stamp missing										
RBOC	Rings and bulges on case										
RDW	(Action) release doesn't work										
RIC	Rings in chamber										
SBC	Stems bottom chambers										
SBCL	Shell binds carrier latch										
SBE	Stems bbl extension										
SCB	Stock cracked or broken										
SCX	Shell catches										
SHI	Short indent										
SIC	Stems in chamber										
SL	shaves lead										
SLC	Stems left side of chamber										
SMOC	Stretch marks on case										
SRC	Stems right side of chamber										
SRIC	Specific rings in chamber										
SSC	shell stems carrier										
STC	Stems top chamber										
SWE	Safety switch works too easily										
SWH	Safety switch works too hard										
SWW	Safety ewitxh won't work										
TD	Tips down										
TU	Tips up										
TWP	Trigger won't pull										
TWR	Trigger won't retract										
UNCN-T	Uncoded										
XH	Extracts hard										

ILE0006671

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

XHB	Extractor hits bbl										
HI	High										
LO	Low										
LEFT	Left										
RIGHT	Right										
DG	Doesn't Group										
FSST	Front sight tipped										
RSTT	Rear sight tipped										
RSBR	Rear sight base raised										
FSTR	Front sight raised										
FSTL	Front sight loose										
RSTL	Rear sight loose										
MGPT-G	Missing parts at target										
UNCN-G	Uncoded nonconformity at target										
AI-P	Assembly incompleye at proof										
BC-P	Blows cases at proof										
BEB-P	Barrel extension broken at proof										
BLP-P	Blanked primer at proof										
BP-P	Blown primer at proof										
BS-P	Barrel split at proof										
DLOS-P	Doesn't lock over shells at proof										
ESB-P	Ejector sticks back at proof										
FCB-P	Fore-end cracked at proof										
FESO-P	Fore-end shot off at proof										
FF-P	Fails to fire at proof										

ILE0006671

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

GCSO-P	Gas cylinder shot off at proof										
GRSO-P	Guide ring shot off at proof										
MCSO-P	Magazine cap shot off at proof										
MSI-P	Magnaflux stamp illegible on bbl										
MSM-P	Magnaflux stamp missing on bbl										
PP-P	Pierced primer at proof										
SCB-P	Stock cracked or broken at proof										
UNCM-P	Uncoded proof malfunctions										

ILE0006671

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Test Date:

0	*0*	*0*	*0*	*0*	*0*
0	*0*	*0*	*0*	*0*	*0*
0	*0*	*0*	*0*	*0*	*0*

870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

ILE00066718

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

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Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Total Test + Proof Failures	*0*
Total Rejected:	*0*
Overall Reject Rate:	

Proof	*Shot:*										
	Rejected:	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
	Percent:										
Test	*Shot:*										
	Rejected:	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
	Percent:										
Target	*Shot:*										
	Rejected:	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
	Percent:										

CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
AB	Action binds										
ASFB	Action spring follower binds										
BABS	Bulge at body shoulder										
BAC	Burr at chamber										
BB	Bolt binds/catches										
BCOE	Bolt catches on ejector										
BC	Blows cases										
BLOP	Bar lock or disconnector out of position										
BSCO	Barrel support came out										
CBS-F	Shells catch on bbl support-feeding										
CBS-L	Shells catch on bbl support-loading										
CC	Carrier catches on shells,mag,receiver										
CD	Case dented										
CH	Closes hard										

ILE00066724

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

CHAB	Carrier hits action bar										
CLM	Can't laod magazine										
CO	Cut-off										
CR	Cuts rim										
CS	Cases swell										
CTOG	Chamber torn or gouged										
CTP	Creepy trigger pull										
CWSB	Cams wrong side of action bar										
DBB	Doesn't blow back										
DCS	Double click in safety switch										
DCT	Double click in trigger										
DCU	Doesn't close-up										
DE	Doesn't eject										
DEL	Doesn't eject live round										
DFU	Doesn't feed up										
DLO	Doesn't lock open (after last shell)										
DLU	Doesn't lock-up										
DS	Dead safe										
DSM	Drops shell-magazine										
DTL	Doesn't trip latch										
DX	Doesn't extract										
DXL	Doesn't extract live round										
EDS	Extractor drops shell										
ESB	Ejector sticks back										
ESS	Extractor stems shell										
FA	Fires automatically										
FB	Follower binds										

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

FC	Fails to connect										
FCB	Fore-end cracked or broken										
FD	Follows-down										
FF	Fails to fire										
FFM	Fails to feed from magazine										
FFP	Flat firing pin										
FOS	Fires on safe										
FSR	Fires when safe is released										
GCSO	Gas cyl shot off										
GRSO	Guide ring shot off										
HPA	High pressure ammo										
HUE	Hard under extractor										
ILOP	Int. latch out of position										
ILRM	Int. latch ret. Missing										
ILSB	Int. latch stud broken										
ILSP	Int. latch spring out of position										
JL	Jumps latch										
JO	Jars off										
LB	Light blow										
MCSO	Magazine cap shot off										
MCW	Magazine capacity wrong										
MFA	Misfires (ammo)										
MFOP	Magazine follower out of position										
MLH	Magazine loads hard										
OH	Opens hard										
PH	Pulls hard										
PSI	Proof stamp illegible										

ILE0006672

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

PSM	Proof stamp missing										
RBOC	Rings and bulges on case										
RDW	(Action) release doesn't work										
RIC	Rings in chamber										
SBC	Stems bottom chambers										
SBCL	Shell binds carrier latch										
SBE	Stems bbl extension										
SCB	Stock cracked or broken										
SCX	Shell catches										
SHI	Short indent										
SIC	Stems in chamber										
SL	shaves lead										
SLC	Stems left side of chamber										
SMOC	Stretch marks on case										
SRC	Stems right side of chamber										
SRIC	Specific rings in chamber										
SSC	shell stems carrier										
STC	Stems top chamber										
SWE	Safety switch works too easily										
SWH	Safety switch works too hard										
SWW	Safety ewitxh won't work										
TD	Tips down										
TU	Tips up										
TWP	Trigger won't pull										
TWR	Trigger won't retract										
UNCN-T	Uncoded										
XH	Extracts hard										

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

XHB	Extractor hits bbl										
HI	High										
LO	Low										
LEFT	Left										
RIGHT	Right										
DG	Doesn't Group										
FSST	Front sight tipped										
RSTT	Rear sight tipped										
RSBR	Rear sight base raised										
FSTR	Front sight raised										
FSTL	Front sight loose										
RSTL	Rear sight loose										
MGPT-G	Missing parts at target										
UNCN-G	Uncoded nonconformity at target										
AI-P	Assembly incompleye at proof										
BC-P	Blows cases at proof										
BEB-P	Barrel extension broken at proof										
BLP-P	Blanked primer at proof										
BP-P	Blown primer at proof										
BS-P	Barrel split at proof										
DLOS-P	Doesn't lock over shells at proof										
ESB-P	Ejector sticks back at proof										
FCB-P	Fore-end cracked at proof										
FESO-P	Fore-end shot off at proof										
FF-P	Fails to fire at proof										

ILE0006672

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

GCSO-P	Gas cylinder shot off at proof										
GRSO-P	Guide ring shot off at proof										
MCSO-P	Magazine cap shot off at proof										
MSI-P	Magnaflux stamp illegible on bbl										
MSM-P	Magnaflux stamp missing on bbl										
PP-P	Pierced primer at proof										
SCB-P	Stock cracked or broken at proof										
UNCM-P	Uncoded proof malfunctions										

ILE00066729

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Test Date:

0	*0*	*0*	*0*	*0*	*0*
0	*0*	*0*	*0*	*0*	*0*
0	*0*	*0*	*0*	*0*	*0*

870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

ILE00066730

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

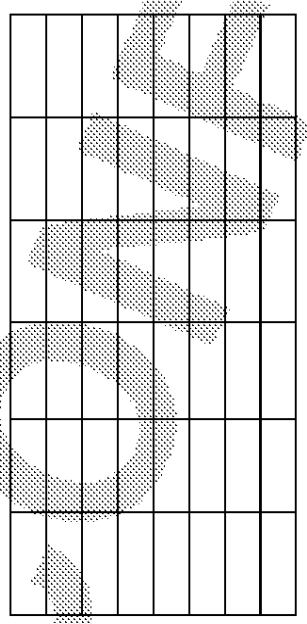
CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL



Subject to Protective Order - Williams v. Remington

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Summary		
	Total Test + Proof Failures	0
	Total Rejected:	0
	Overall Reject Rate:	

Proof	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										
Test	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										
Target	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										

CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
AB	Action binds										
ASFB	Action spring follower binds										
BABS	Bulge at body shoulder										
BAC	Burr at chamber										
BB	Bolt binds/catches										
BCOE	Bolt catches on ejector										
BC	Blows cases										
BLOP	Bar lock or disconnector out of position										
BSCO	Barrel support came out										
CBS-F	Shells catch on bbl support-feeding										
CBS-L	Shells catch on bbl support-loading										
CC	Carrier catches on shells,mag,receiver										
CD	Case dented										
CH	Closes hard										

ILE00066736

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

CHAB	Carrier hits action bar										
CLM	Can't laod magazine										
CO	Cut-off										
CR	Cuts rim										
CS	Cases swell										
CTOG	Chamber torn or gouged										
CTP	Creepy trigger pull										
CWSB	Cams wrong side of action bar										
DBB	Doesn't blow back										
DCS	Double click in safety switch										
DCT	Double click in trigger										
DCU	Doesn't close-up										
DE	Doesn't eject										
DEL	Doesn't eject live round										
DFU	Doesn't feed up										
DLO	Doesn't lock open (after last shell)										
DLU	Doesn't lock-up										
DS	Dead safe										
DSM	Drops shell-magazine										
DTL	Doesn't trip latch										
DX	Doesn't extract										
DXL	Doesn't extract live round										
EDS	Extractor drops shell										
ESB	Ejector sticks back										
ESS	Extractor stems shell										
FA	Fires automatically										
FB	Follower binds										

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

FC	Fails to connect										
FCB	Fore-end cracked or broken										
FD	Follows-down										
FF	Fails to fire										
FFM	Fails to feed from magazine										
FFP	Flat firing pin										
FOS	Fires on safe										
FSR	Fires when safe is released										
GCSO	Gas cyl shot off										
GRSO	Guide ring shot off										
HPA	High pressure ammo										
HUE	Hard under extractor										
ILOP	Int. latch out of position										
ILRM	Int. latch ret. Missing										
ILSB	Int. latch stud broken										
ILSP	Int. latch spring out of position										
JL	Jumps latch										
JO	Jars off										
LB	Light blow										
MCSO	Magazine cap shot off										
MCW	Magazine capacity wrong										
MFA	Misfires (ammo)										
MFOP	Magazine follower out of position										
MLH	Magazine loads hard										
OH	Opens hard										
PH	Pulls hard										
PSI	Proof stamp illegible										

ILE0006673

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

PSM	Proof stamp missing										
RBOC	Rings and bulges on case										
RDW	(Action) release doesn't work										
RIC	Rings in chamber										
SBC	Stems bottom chambers										
SBCL	Shell binds carrier latch										
SBE	Stems bbl extension										
SCB	Stock cracked or broken										
SCX	Shell catches										
SHI	Short indent										
SIC	Stems in chamber										
SL	shaves lead										
SLC	Stems left side of chamber										
SMOC	Stretch marks on case										
SRC	Stems right side of chamber										
SRIC	Specific rings in chamber										
SSC	shell stems carrier										
STC	Stems top chamber										
SWE	Safety switch works too easily										
SWH	Safety switch works too hard										
SWW	Safety ewitxh won't work										
TD	Tips down										
TU	Tips up										
TWP	Trigger won't pull										
TWR	Trigger won't retract										
UNCN-T	Uncoded										
XH	Extracts hard										

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

XHB	Extractor hits bbl										
HI	High										
LO	Low										
LEFT	Left										
RIGHT	Right										
DG	Doesn't Group										
FSST	Front sight tipped										
RSTT	Rear sight tipped										
RSBR	Rear sight base raised										
FSTR	Front sight raised										
FSTL	Front sight loose										
RSTL	Rear sight loose										
MGPT-G	Missing parts at target										
UNCN-G	Uncoded nonconformity at target										
AI-P	Assembly incompleye at proof										
BC-P	Blows cases at proof										
BEB-P	Barrel extension broken at proof										
BLP-P	Blanked primer at proof										
BP-P	Blown primer at proof										
BS-P	Barrel split at proof										
DLOS-P	Doesn't lock over shells at proof										
ESB-P	Ejector sticks back at proof										
FCB-P	Fore-end cracked at proof										
FESO-P	Fore-end shot off at proof										
FF-P	Fails to fire at proof										

ILE0006740

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

GCSO-P	Gas cylinder shot off at proof										
GRSO-P	Guide ring shot off at proof										
MCSO-P	Magazine cap shot off at proof										
MSI-P	Magnaflux stamp illegible on bbl										
MSM-P	Magnaflux stamp missing on bbl										
PP-P	Pierced primer at proof										
SCB-P	Stock cracked or broken at proof										
UNCM-P	Uncoded proof malfunctions										

ILE0006741

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

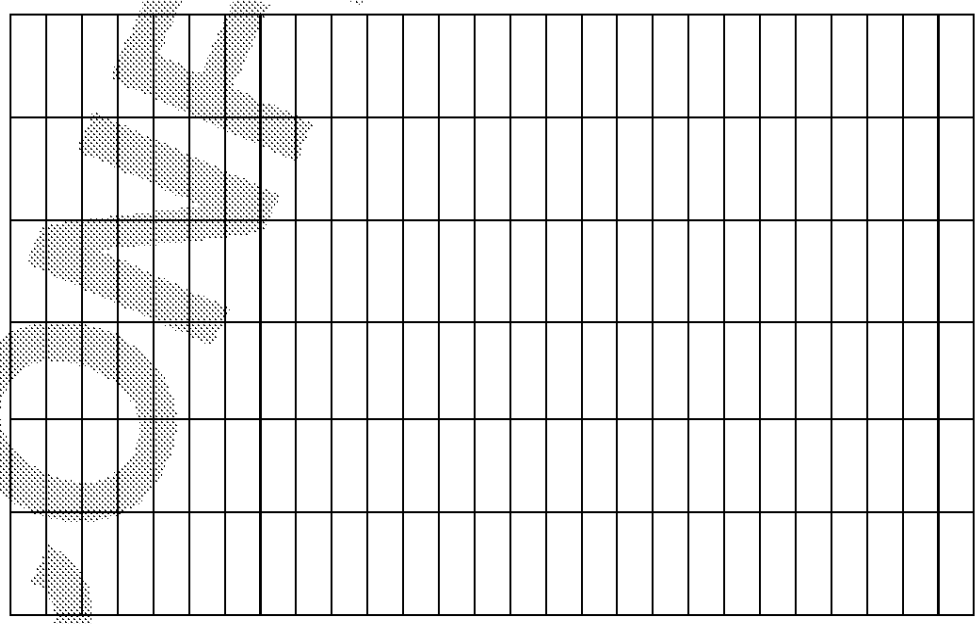
Test Date:

0	*0*	*0*	*0*	*0*	*0*
0	*0*	*0*	*0*	*0*	*0*
0	*0*	*0*	*0*	*0*	*0*

870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

ILE00066742

CONFIDENTIAL

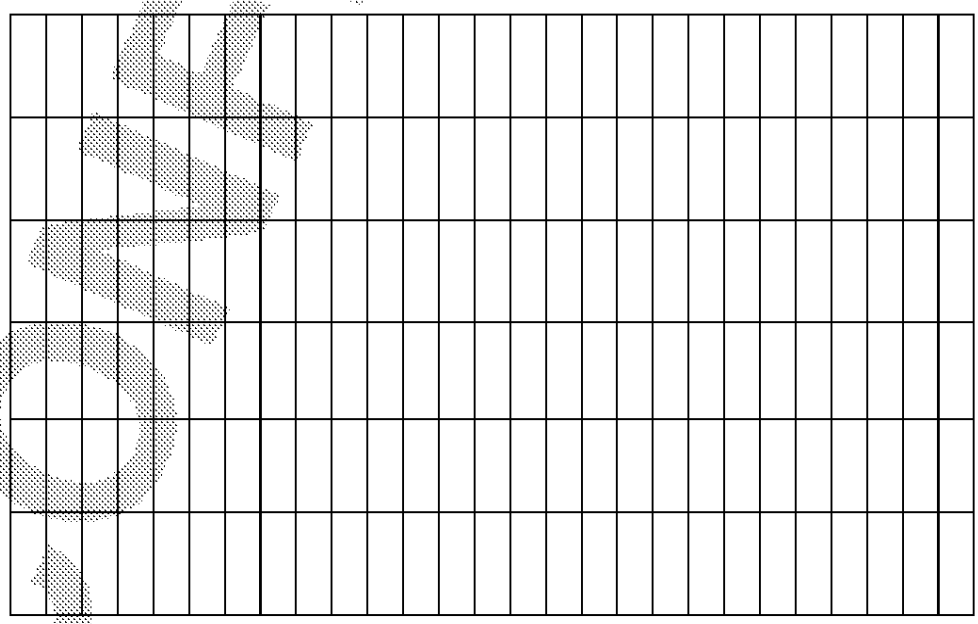


Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

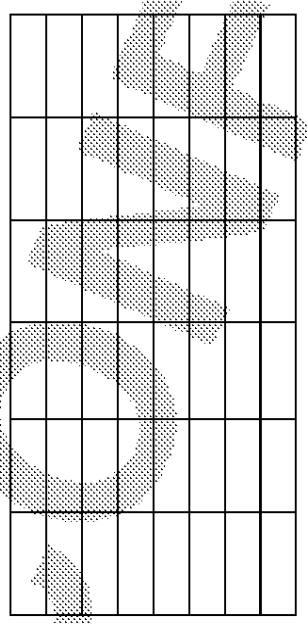


Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL



Subject to Protective Order - Williams v. Remington

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Summary		
	Total Test + Proof Failures	0
	Total Rejected:	0
	Overall Reject Rate:	

Proof	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										
Test	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										
Target	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										

CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
AB	Action binds										
ASFB	Action spring follower binds										
BABS	Bulge at body shoulder										
BAC	Burr at chamber										
BB	Bolt binds/catches										
BCOE	Bolt catches on ejector										
BC	Blows cases										
BLOP	Bar lock or disconnector out of position										
BSCO	Barrel support came out										
CBS-F	Shells catch on bbl support-feeding										
CBS-L	Shells catch on bbl support-loading										
CC	Carrier catches on shells,mag,receiver										
CD	Case dented										
CH	Closes hard										

ILE00066748

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

CHAB	Carrier hits action bar										
CLM	Can't laod magazine										
CO	Cut-off										
CR	Cuts rim										
CS	Cases swell										
CTOG	Chamber torn or gouged										
CTP	Creepy trigger pull										
CWSB	Cams wrong side of action bar										
DBB	Doesn't blow back										
DCS	Double click in safety switch										
DCT	Double click in trigger										
DCU	Doesn't close-up										
DE	Doesn't eject										
DEL	Doesn't eject live round										
DFU	Doesn't feed up										
DLO	Doesn't lock open (after last shell)										
DLU	Doesn't lock-up										
DS	Dead safe										
DSM	Drops shell-magazine										
DTL	Doesn't trip latch										
DX	Doesn't extract										
DXL	Doesn't extract live round										
EDS	Extractor drops shell										
ESB	Ejector sticks back										
ESS	Extractor stems shell										
FA	Fires automatically										
FB	Follower binds										

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

FC	Fails to connect										
FCB	Fore-end cracked or broken										
FD	Follows-down										
FF	Fails to fire										
FFM	Fails to feed from magazine										
FFP	Flat firing pin										
FOS	Fires on safe										
FSR	Fires when safe is released										
GCSO	Gas cyl shot off										
GRSO	Guide ring shot off										
HPA	High pressure ammo										
HUE	Hard under extractor										
ILOP	Int. latch out of position										
ILRM	Int. latch ret. Missing										
ILSB	Int. latch stud broken										
ILSP	Int. latch spring out of position										
JL	Jumps latch										
JO	Jars off										
LB	Light blow										
MCSO	Magazine cap shot off										
MCW	Magazine capacity wrong										
MFA	Misfires (ammo)										
MFOP	Magazine follower out of position										
MLH	Magazine loads hard										
OH	Opens hard										
PH	Pulls hard										
PSI	Proof stamp illegible										

ILE0006675O

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

PSM	Proof stamp missing										
RBOC	Rings and bulges on case										
RDW	(Action) release doesn't work										
RIC	Rings in chamber										
SBC	Stems bottom chambers										
SBCL	Shell binds carrier latch										
SBE	Stems bbl extension										
SCB	Stock cracked or broken										
SCX	Shell catches										
SHI	Short indent										
SIC	Stems in chamber										
SL	shaves lead										
SLC	Stems left side of chamber										
SMOC	Stretch marks on case										
SRC	Stems right side of chamber										
SRIC	Specific rings in chamber										
SSC	shell stems carrier										
STC	Stems top chamber										
SWE	Safety switch works too easily										
SWH	Safety switch works too hard										
SWW	Safety ewitxh won't work										
TD	Tips down										
TU	Tips up										
TWP	Trigger won't pull										
TWR	Trigger won't retract										
UNCN-T	Uncoded										
XH	Extracts hard										

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

XHB	Extractor hits bbl										
HI	High										
LO	Low										
LEFT	Left										
RIGHT	Right										
DG	Doesn't Group										
FSST	Front sight tipped										
RSTT	Rear sight tipped										
RSBR	Rear sight base raised										
FSTR	Front sight raised										
FSTL	Front sight loose										
RSTL	Rear sight loose										
MGPT-G	Missing parts at target										
UNCN-G	Uncoded nonconformity at target										
AI-P	Assembly incompleye at proof										
BC-P	Blows cases at proof										
BEB-P	Barrel extension broken at proof										
BLP-P	Blanked primer at proof										
BP-P	Blown primer at proof										
BS-P	Barrel split at proof										
DLOS-P	Doesn't lock over shells at proof										
ESB-P	Ejector sticks back at proof										
FCB-P	Fore-end cracked at proof										
FESO-P	Fore-end shot off at proof										
FF-P	Fails to fire at proof										

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

GCSO-P	Gas cylinder shot off at proof										
GRSO-P	Guide ring shot off at proof										
MCSO-P	Magazine cap shot off at proof										
MSI-P	Magnaflux stamp illegible on bbl										
MSM-P	Magnaflux stamp missing on bbl										
PP-P	Pierced primer at proof										
SCB-P	Stock cracked or broken at proof										
UNCM-P	Uncoded proof malfunctions										

ILE00066753

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Test Date:

0	*0*	*0*	*0*	*0*	*0*
0	*0*	*0*	*0*	*0*	*0*
0	*0*	*0*	*0*	*0*	*0*

870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

ILE00066754

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

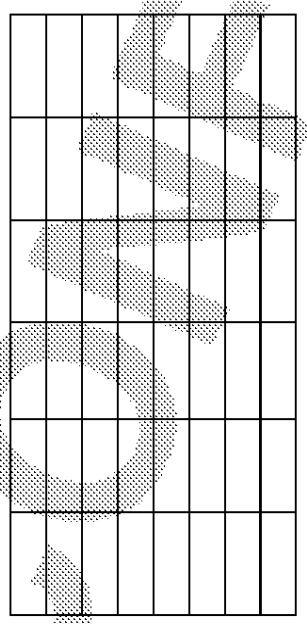
CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL



Subject to Protective Order - Williams v. Remington

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Summary		
	Total Test + Proof Failures	0
	Total Rejected:	0
	Overall Reject Rate:	

Proof	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										
Test	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										
Target	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										

CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
AB	Action binds										
ASFB	Action spring follower binds										
BABS	Bulge at body shoulder										
BAC	Burr at chamber										
BB	Bolt binds/catches										
BCOE	Bolt catches on ejector										
BC	Blows cases										
BLOP	Bar lock or disconnector out of position										
BSCO	Barrel support came out										
CBS-F	Shells catch on bbl support-feeding										
CBS-L	Shells catch on bbl support-loading										
CC	Carrier catches on shells,mag,receiver										
CD	Case dented										
CH	Closes hard										

ILE00096760

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

CHAB	Carrier hits action bar										
CLM	Can't laod magazine										
CO	Cut-off										
CR	Cuts rim										
CS	Cases swell										
CTOG	Chamber torn or gouged										
CTP	Creepy trigger pull										
CWSB	Cams wrong side of action bar										
DBB	Doesn't blow back										
DCS	Double click in safety switch										
DCT	Double click in trigger										
DCU	Doesn't close-up										
DE	Doesn't eject										
DEL	Doesn't eject live round										
DFU	Doesn't feed up										
DLO	Doesn't lock open (after last shell)										
DLU	Doesn't lock-up										
DS	Dead safe										
DSM	Drops shell-magazine										
DTL	Doesn't trip latch										
DX	Doesn't extract										
DXL	Doesn't extract live round										
EDS	Extractor drops shell										
ESB	Ejector sticks back										
ESS	Extractor stems shell										
FA	Fires automatically										
FB	Follower binds										

ILE00066761

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

FC	Fails to connect										
FCB	Fore-end cracked or broken										
FD	Follows-down										
FF	Fails to fire										
FFM	Fails to feed from magazine										
FFP	Flat firing pin										
FOS	Fires on safe										
FSR	Fires when safe is released										
GCSO	Gas cyl shot off										
GRSO	Guide ring shot off										
HPA	High pressure ammo										
HUE	Hard under extractor										
ILOP	Int. latch out of position										
ILRM	Int. latch ret. Missing										
ILSB	Int. latch stud broken										
ILSP	Int. latch spring out of position										
JL	Jumps latch										
JO	Jars off										
LB	Light blow										
MCSO	Magazine cap shot off										
MCW	Magazine capacity wrong										
MFA	Misfires (ammo)										
MFOP	Magazine follower out of position										
MLH	Magazine loads hard										
OH	Opens hard										
PH	Pulls hard										
PSI	Proof stamp illegible										

ILE0006762

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

PSM	Proof stamp missing										
RBOC	Rings and bulges on case										
RDW	(Action) release doesn't work										
RIC	Rings in chamber										
SBC	Stems bottom chambers										
SBCL	Shell binds carrier latch										
SBE	Stems bbl extension										
SCB	Stock cracked or broken										
SCX	Shell catches										
SHI	Short indent										
SIC	Stems in chamber										
SL	shaves lead										
SLC	Stems left side of chamber										
SMOC	Stretch marks on case										
SRC	Stems right side of chamber										
SRIC	Specific rings in chamber										
SSC	shell stems carrier										
STC	Stems top chamber										
SWE	Safety switch works too easily										
SWH	Safety switch works too hard										
SWW	Safety ewitxh won't work										
TD	Tips down										
TU	Tips up										
TWP	Trigger won't pull										
TWR	Trigger won't retract										
UNCN-T	Uncoded										
XH	Extracts hard										

ILE00066763

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

XHB	Extractor hits bbl										
HI	High										
LO	Low										
LEFT	Left										
RIGHT	Right										
DG	Doesn't Group										
FSST	Front sight tipped										
RSTT	Rear sight tipped										
RSBR	Rear sight base raised										
FSTR	Front sight raised										
FSTL	Front sight loose										
RSTL	Rear sight loose										
MGPT-G	Missing parts at target										
UNCN-G	Uncoded nonconformity at target										
AI-P	Assembly incompleye at proof										
BC-P	Blows cases at proof										
BEB-P	Barrel extension broken at proof										
BLP-P	Blanked primer at proof										
BP-P	Blown primer at proof										
BS-P	Barrel split at proof										
DLOS-P	Doesn't lock over shells at proof										
ESB-P	Ejector sticks back at proof										
FCB-P	Fore-end cracked at proof										
FESO-P	Fore-end shot off at proof										
FF-P	Fails to fire at proof										

ILE0006764

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

GCSO-P	Gas cylinder shot off at proof										
GRSO-P	Guide ring shot off at proof										
MCSO-P	Magazine cap shot off at proof										
MSI-P	Magnaflux stamp illegible on bbl										
MSM-P	Magnaflux stamp missing on bbl										
PP-P	Pierced primer at proof										
SCB-P	Stock cracked or broken at proof										
UNCM-P	Uncoded proof malfunctions										

ILE00066765

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CONFIDENTIAL

Test Date:

0	*0*	*0*	*0*	*0*	*0*
0	*0*	*0*	*0*	*0*	*0*
0	*0*	*0*	*0*	*0*	*0*

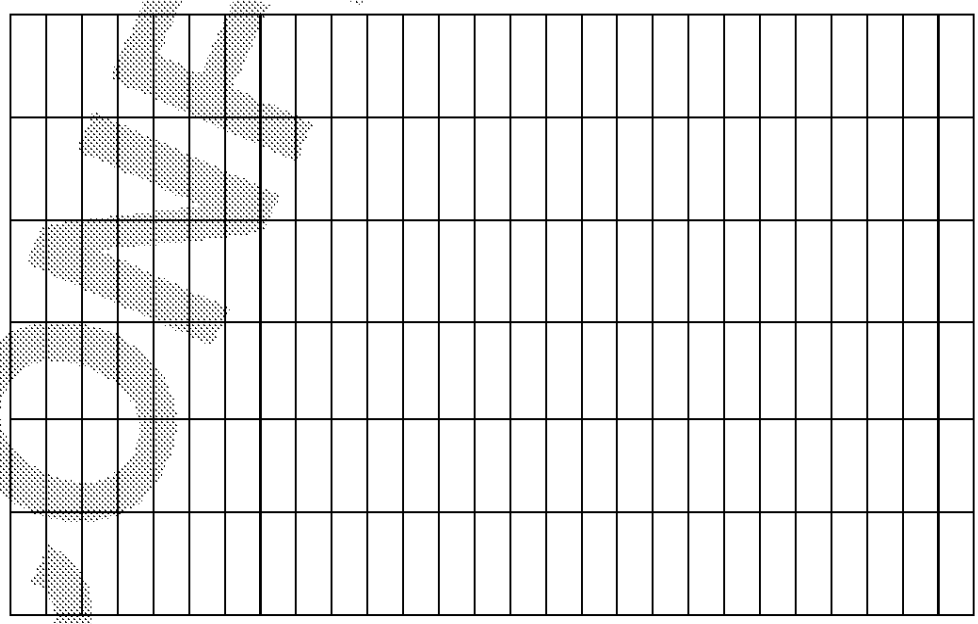
870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

ILE00066766

CONFIDENTIAL

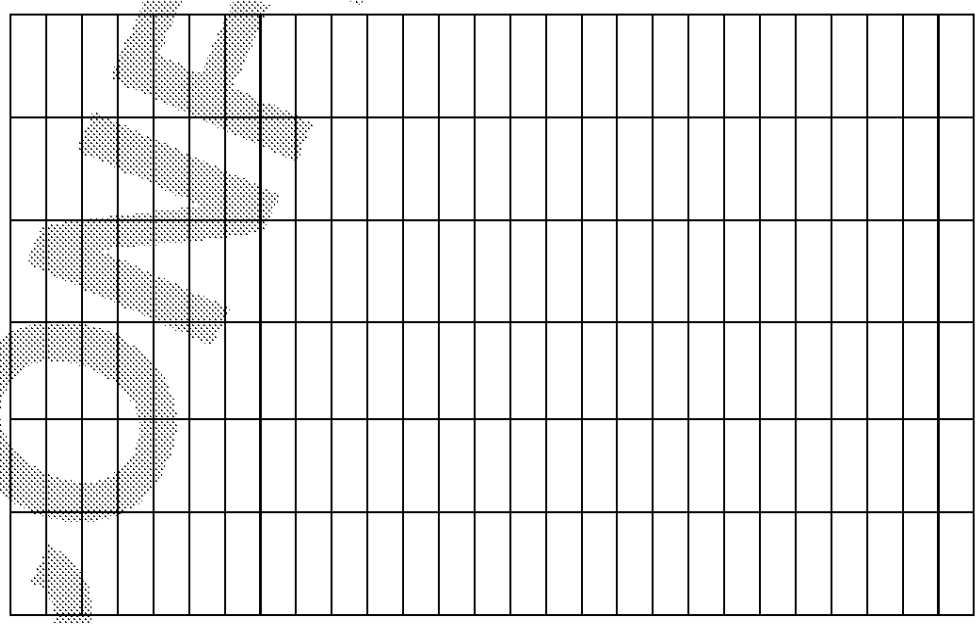
Subject to Protective Order - Williams v. Remington

CONFIDENTIAL



Subject to Protective Order - Williams v. Remington

CONFIDENTIAL



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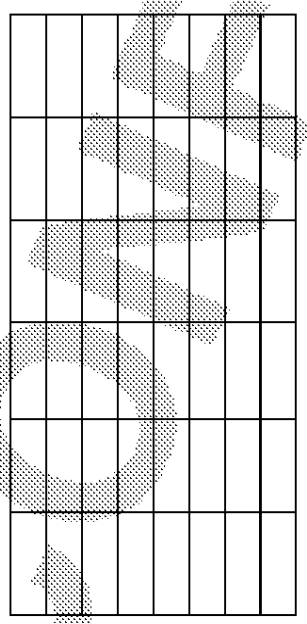
CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL



Subject to Protective Order - Williams v. Remington

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Summary		
	Total Test + Proof Failures	0
	Total Rejected:	0
	Overall Reject Rate:	

		1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
Proof	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										
Test	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										
Target	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										

CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
AB	Action binds										
ASFB	Action spring follower binds										
BABS	Bulge at body shoulder										
BAC	Burr at chamber										
BB	Bolt binds/catches										
BCOE	Bolt catches on ejector										
BC	Blows cases										
BLOP	Bar lock or disconnector out of position										
BSCO	Barrel support came out										
CBS-F	Shells catch on bbl support-feeding										
CBS-L	Shells catch on bbl support-loading										
CC	Carrier catches on shells,mag,receiver										
CD	Case dented										
CH	Closes hard										

ILE0006772

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

CHAB	Carrier hits action bar										
CLM	Can't laod magazine										
CO	Cut-off										
CR	Cuts rim										
CS	Cases swell										
CTOG	Chamber torn or gouged										
CTP	Creepy trigger pull										
CWSB	Cams wrong side of action bar										
DBB	Doesn't blow back										
DCS	Double click in safety switch										
DCT	Double click in trigger										
DCU	Doesn't close-up										
DE	Doesn't eject										
DEL	Doesn't eject live round										
DFU	Doesn't feed up										
DLO	Doesn't lock open (after last shell)										
DLU	Doesn't lock-up										
DS	Dead safe										
DSM	Drops shell-magazine										
DTL	Doesn't trip latch										
DX	Doesn't extract										
DXL	Doesn't extract live round										
EDS	Extractor drops shell										
ESB	Ejector sticks back										
ESS	Extractor stems shell										
FA	Fires automatically										
FB	Follower binds										

ILE0006677

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FC	Fails to connect										
FCB	Fore-end cracked or broken										
FD	Follows-down										
FF	Fails to fire										
FFM	Fails to feed from magazine										
FFP	Flat firing pin										
FOS	Fires on safe										
FSR	Fires when safe is released										
GCSO	Gas cyl shot off										
GRSO	Guide ring shot off										
HPA	High pressure ammo										
HUE	Hard under extractor										
ILOP	Int. latch out of position										
ILRM	Int. latch ret. Missing										
ILSB	Int. latch stud broken										
ILSP	Int. latch spring out of position										
JL	Jumps latch										
JO	Jars off										
LB	Light blow										
MCSO	Magazine cap shot off										
MCW	Magazine capacity wrong										
MFA	Misfires (ammo)										
MFOP	Magazine follower out of position										
MLH	Magazine loads hard										
OH	Opens hard										
PH	Pulls hard										
PSI	Proof stamp illegible										

ILE0006774

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

PSM	Proof stamp missing										
RBOC	Rings and bulges on case										
RDW	(Action) release doesn't work										
RIC	Rings in chamber										
SBC	Stems bottom chambers										
SBCL	Shell binds carrier latch										
SBE	Stems bbl extension										
SCB	Stock cracked or broken										
SCX	Shell catches										
SHI	Short indent										
SIC	Stems in chamber										
SL	shaves lead										
SLC	Stems left side of chamber										
SMOC	Stretch marks on case										
SRC	Stems right side of chamber										
SRIC	Specific rings in chamber										
SSC	shell stems carrier										
STC	Stems top chamber										
SWE	Safety switch works too easily										
SWH	Safety switch works too hard										
SWW	Safety ewitxh won't work										
TD	Tips down										
TU	Tips up										
TWP	Trigger won't pull										
TWR	Trigger won't retract										
UNCN-T	Uncoded										
XH	Extracts hard										

ILE0006677

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

XHB	Extractor hits bbl										
HI	High										
LO	Low										
LEFT	Left										
RIGHT	Right										
DG	Doesn't Group										
FSST	Front sight tipped										
RSTT	Rear sight tipped										
RSBR	Rear sight base raised										
FSTR	Front sight raised										
FSTL	Front sight loose										
RSTL	Rear sight loose										
MGPT-G	Missing parts at target										
UNCN-G	Uncoded nonconformity at target										
AI-P	Assembly incompleye at proof										
BC-P	Blows cases at proof										
BEB-P	Barrel extension broken at proof										
BLP-P	Blanked primer at proof										
BP-P	Blown primer at proof										
BS-P	Barrel split at proof										
DLOS-P	Doesn't lock over shells at proof										
ESB-P	Ejector sticks back at proof										
FCB-P	Fore-end cracked at proof										
FESO-P	Fore-end shot off at proof										
FF-P	Fails to fire at proof										

ILE00066776

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

GCSO-P	Gas cylinder shot off at proof										
GRSO-P	Guide ring shot off at proof										
MCSO-P	Magazine cap shot off at proof										
MSI-P	Magnaflux stamp illegible on bbl										
MSM-P	Magnaflux stamp missing on bbl										
PP-P	Pierced primer at proof										
SCB-P	Stock cracked or broken at proof										
UNCM-P	Uncoded proof malfunctions										

ILE00066777

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Test Date:

0	*0*	*0*	*0*	*0*	*0*
0	*0*	*0*	*0*	*0*	*0*
0	*0*	*0*	*0*	*0*	*0*

870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

ILE00066778

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Summary		
	Total Test + Proof Failures	0
	Total Rejected:	0
	Overall Reject Rate:	

		1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
Proof	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										
Test	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										
Target	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										

CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
AB	Action binds										
ASFB	Action spring follower binds										
BABS	Bulge at body shoulder										
BAC	Burr at chamber										
BB	Bolt binds/catches										
BCOE	Bolt catches on ejector										
BC	Blows cases										
BLOP	Bar lock or disconnector out of position										
BSCO	Barrel support came out										
CBS-F	Shells catch on bbl support-feeding										
CBS-L	Shells catch on bbl support-loading										
CC	Carrier catches on shells,mag,receiver										
CD	Case dented										
CH	Closes hard										

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CHAB	Carrier hits action bar										
CLM	Can't laod magazine										
CO	Cut-off										
CR	Cuts rim										
CS	Cases swell										
CTOG	Chamber torn or gouged										
CTP	Creepy trigger pull										
CWSB	Cams wrong side of action bar										
DBB	Doesn't blow back										
DCS	Double click in safety switch										
DCT	Double click in trigger										
DCU	Doesn't close-up										
DE	Doesn't eject										
DEL	Doesn't eject live round										
DFU	Doesn't feed up										
DLO	Doesn't lock open (after last shell)										
DLU	Doesn't lock-up										
DS	Dead safe										
DSM	Drops shell-magazine										
DTL	Doesn't trip latch										
DX	Doesn't extract										
DXL	Doesn't extract live round										
EDS	Extractor drops shell										
ESB	Ejector sticks back										
ESS	Extractor stems shell										
FA	Fires automatically										
FB	Follower binds										

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FC	Fails to connect										
FCB	Fore-end cracked or broken										
FD	Follows-down										
FF	Fails to fire										
FFM	Fails to feed from magazine										
FFP	Flat firing pin										
FOS	Fires on safe										
FSR	Fires when safe is released										
GCSO	Gas cyl shot off										
GRSO	Guide ring shot off										
HPA	High pressure ammo										
HUE	Hard under extractor										
ILOP	Int. latch out of position										
ILRM	Int. latch ret. Missing										
ILSB	Int. latch stud broken										
ILSP	Int. latch spring out of position										
JL	Jumps latch										
JO	Jars off										
LB	Light blow										
MCSO	Magazine cap shot off										
MCW	Magazine capacity wrong										
MFA	Misfires (ammo)										
MFOP	Magazine follower out of position										
MLH	Magazine loads hard										
OH	Opens hard										
PH	Pulls hard										
PSI	Proof stamp illegible										

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PSM	Proof stamp missing										
RBOC	Rings and bulges on case										
RDW	(Action) release doesn't work										
RIC	Rings in chamber										
SBC	Stems bottom chambers										
SBCL	Shell binds carrier latch										
SBE	Stems bbl extension										
SCB	Stock cracked or broken										
SCX	Shell catches										
SHI	Short indent										
SIC	Stems in chamber										
SL	shaves lead										
SLC	Stems left side of chamber										
SMOC	Stretch marks on case										
SRC	Stems right side of chamber										
SRIC	Specific rings in chamber										
SSC	shell stems carrier										
STC	Stems top chamber										
SWE	Safety switch works too easily										
SWH	Safety switch works too hard										
SWW	Safety ewitxh won't work										
TD	Tips down										
TU	Tips up										
TWP	Trigger won't pull										
TWR	Trigger won't retract										
UNCN-T	Uncoded										
XH	Extracts hard										

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XHB	Extractor hits bbl										
HI	High										
LO	Low										
LEFT	Left										
RIGHT	Right										
DG	Doesn't Group										
FSST	Front sight tipped										
RSTT	Rear sight tipped										
RSBR	Rear sight base raised										
FSTR	Front sight raised										
FSTL	Front sight loose										
RSTL	Rear sight loose										
MGPT-G	Missing parts at target										
UNCN-G	Uncoded nonconformity at target										
AI-P	Assembly incompleye at proof										
BC-P	Blows cases at proof										
BEB-P	Barrel extension broken at proof										
BLP-P	Blanked primer at proof										
BP-P	Blown primer at proof										
BS-P	Barrel split at proof										
DLOS-P	Doesn't lock over shells at proof										
ESB-P	Ejector sticks back at proof										
FCB-P	Fore-end cracked at proof										
FESO-P	Fore-end shot off at proof										
FF-P	Fails to fire at proof										

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GCSO-P	Gas cylinder shot off at proof										
GRSO-P	Guide ring shot off at proof										
MCSO-P	Magazine cap shot off at proof										
MSI-P	Magnaflux stamp illegible on bbl										
MSM-P	Magnaflux stamp missing on bbl										
PP-P	Pierced primer at proof										
SCB-P	Stock cracked or broken at proof										
UNCM-P	Uncoded proof malfunctions										

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Test Date:

0	*0*	*0*	*0*	*0*	*0*
0	*0*	*0*	*0*	*0*	*0*
0	*0*	*0*	*0*	*0*	*0*

870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

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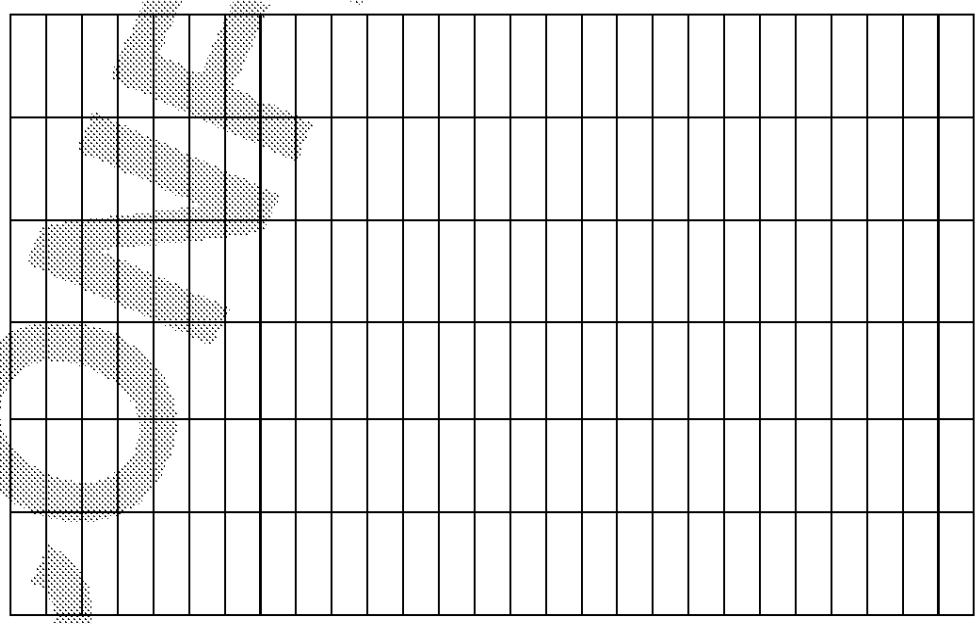

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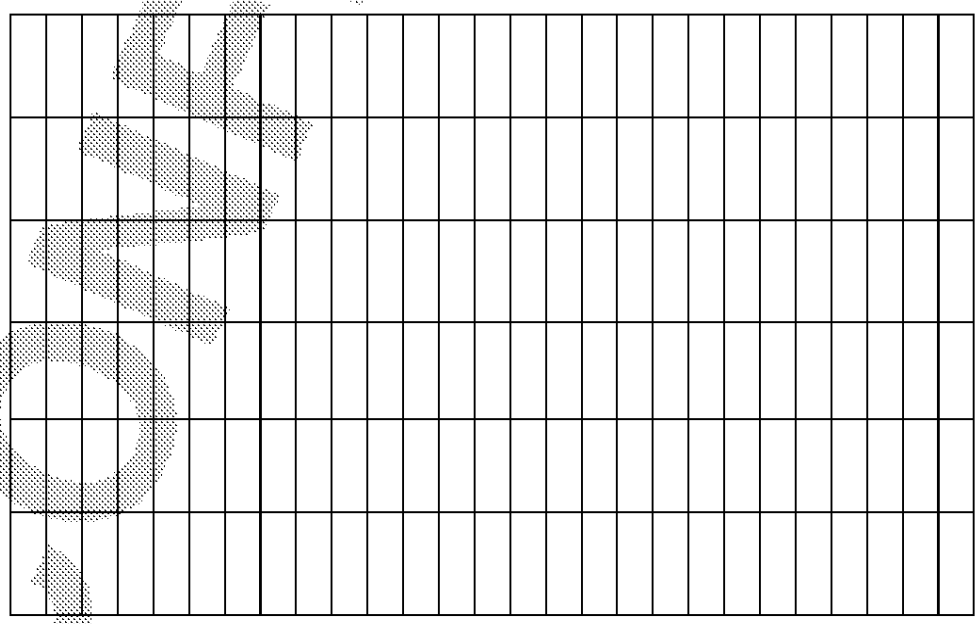

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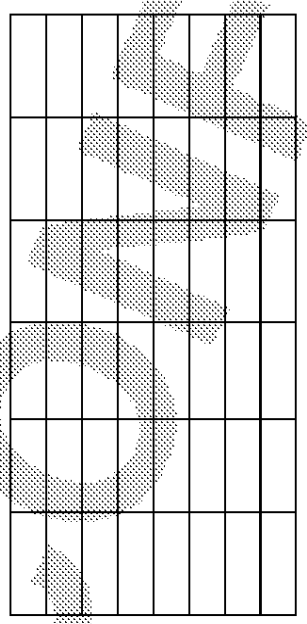

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