Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Summary		
Total Test + Proof Failures	10596	
Total Rejected:	996	
Overall Reject Rate:	9.40	

Proof	Shot:	905	475	230	1303	1414	135	2261
	Rejected:	0	1	1	4	1	0	22
	Percent:	0.0	0.2	0.4	0.3	0.1	0.0	1.0
Test	Shot:	672	261	676	1217	1091	113	2574
	Rejected:	17	15	82	129	67	0	305
	Percent:	2.5	5.7	12.1	10.6	6.1	0.0	11.8
Target	Shot:	45	13	58	87	62	113	114
	Rejected:	0	0	0	0	0	13	0
	Percent:	0.0	0.0	0.0	0.0	0.0	11.5	0.0

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
AB	Action binds							
BABS	Bulge at body shoulder							
BAC	Burr at chamber	2	1	1	10	8		14
BBMA	BBL-to-bolt misalignment							
BB	Bolt binds/catches	3	7	24	27	17		9
BCOBS	Bolt catches on bolt stop							
BCOF	Bolt catches on follower							
BC	Blows cases							
BHR	Bolt hits receiver							
BHS	Bolt plug hits safety switch							
BLOP	Bar lock or disconnector out of position							
BLSO	Barrel lug shot off							
BPO	Bolt pulls out					1		
BSSM	Bolt stems shell in magazine							
BWCD	Bolt won't cam down							
BWCFM	Bolt won't close over full magazine			4	1			
CD	Case dented							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
CH	Closes hard			4	5	6		
CLM	Can't load 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							
DCS	Double click in safety switch							
DCT	Double click in trigger							
DCU	Doesn't close-up							1
DE	Doesn't eject	4						1
DEL	Doesn't eject live round				25			
DFB	Doesn't feed back							
DFU	Doesn't feed up							
DLO	Doesn't lock open (after last shell)							
DLU	Doesn't lock-up							
DS	Dead safe			1		1		53
DX	Doesn't extract			3	1	3		2
DXL	Doesn't extract live round							
EDS	Extractor drops shell	1	2	3	11	2		1
ESB	Ejector sticks back		4		2	10		19
ESCR	Empty shell catches receiver							
ESS	Extractor stems shell							
FA	Fires automatically							
FB	Follower binds							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
FC	Fails to connect							
FCB	Fore-end cracked or broken							
FD	Follows-down							
FF	Fails to fire							
FFP	Flat firing pin							
FOS	Fires on safe							
FPHB	Firing pin hits bbl							
FPHI	Firing pin hits inside rim							
FPO	Floor plate opens	5		3	6			1
FPOH	Floor plate opens hard							
FSR	Fires when safe is released							
FT	Follower tips			2	4			19
GCSO	Gas cyl shot off							
HBL	Heavy bolt lift			8	4	1		7
HMSC	Heading mismatch-steps on case							
HPA	High pressure ammo							
HUR	Hard under rail				4			9
JCS	Jumps cartridge							
JM	Jumps magazine			9		2		
JO	Jars off							
LB	Light blow							
MAH	Magazine assembles hard							
MCW	Magazine capacity wrong							
MFA	Misfires (ammo)							
MFOP	Magazine follower out of position							
ML	Magazine loose							
MLH	Magazine loads hard							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
MRH	Magazine removes hard							
OH	Opens hard	2						3
OR	Over-rides		1		1			50
PH	Pulls hard							
PSI	Proof stamp illegible							
PSM	Proof stamp missing							
RBOC	Rings and bulges on case							3
RDW	(Action) release doesn't work							
RIC	Rings in chamber				22	1		12
RIS	Ring in sholder					2		24
RS	Rim srem							
SBC	Stems bottom chambers							22
SBE	Stems bbl extension							
SCB	Stock cracked or broken							
SCX	Shell catches							
SHI	Short indent							
SI	Stems incline			5	2			12
SIC	Stems in chamber							1
SL	shaves lead							
SLC	Stems left side of chamber							
SMOC	Stretch marks on case							
SOR	Stem over-ride							22
SP	Stems port							
SR	Shoulder rough							
SRC	Stems right side of chamber							
SRIC	Specific rings in chamber							
SSOC	Surface scratches on case							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
STC	Stems top chamber							1
SWE	Safety switch works too easily			2		2		4
SWH	Safety switch works too hard							4
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			7	4	13		11
HI	High							
LO	Low							
LEFT	Left							
RIGHT	Right							
DG	Doesn't Group						13	
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							
BBB	Barrel bracket cracked or broken at proof							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
BC-P	Blows cases at proof							
BEB-P	Barrel extension broken at proof							
BLP-P	Blanked primer at proof							
BLSO-P	Barrel lug shot off 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							2
FCB-P	Fore-end cracked at proof							
FESO-P	Fore-end shot off at proof							
FF-P	Fails to fire at proof			1		1		
GCSO-P	Gas cylinder 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		1		4			20

ILE00121191

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

						totals	700 totals	New Gen totals
2082	1170		422	544	38	10979	8805	2136
11	12	0	28	0	0	80	40	40
0.5	1.0		6.6	0.0	0.0	0.7	0.5	1.9
2076	1253		364	181	38	10516	20360	1798
68	75	0	17	21	0	796	683	113
3.3	6.0		4.7	11.6	0.0	7.6	3.4	6.3
1839	42		71	473		2917	5789	586
84	0	0	0	23	0	120	97	23
4.6	0.0		0.0	4.9		4.1	1.7	3.9

XR-100	7400	7500	7600	7615	Rimfire	totals	totals	totals
	1		3	7		11		11
2						36	36	
13						100	100	
						1	1	
						5	5	

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

XR-100	7400	7500	7600	7615	Rimfire	totals	totals	totals
39						54	54	
						1	1	
	11					11		11
	1					2	1	1
	11			6		22	5	17
						25	25	
	4		1			5		5
	13		1			14		14
						55	55	
	13					22	9	13
3	1					24	23	1
	1					36	35	1

ILE00121193

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

XR-100	7400	7500	7600	7615	Rimfire	totals	totals	totals
	1					1		1
1						1	1	
				1		1		1
						20	20	
						25	25	
						20	20	
						13	13	
	2		9			22	11	11
			2			2		2

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

XR-100	7400	7500	7600	7615	Rimfire	totals	totals	totals
	1					1		1
						5	5	
			1	3		56	52	4
				1		1		1
						3	3	
6	5					46	41	5
				3		29	26	3
						22	22	
	1					1		1
						19	19	
						1	1	
	9					31	22	9

ILE00121195

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

XR-100	7400	7500	7600	7615	Rimfire	totals	totals	totals
						1	1	
						8	8	
1						5	5	
3						38	38	
				4		4		4
				6		6		6
				3		3		3
84						97	97	
				9		9		9
				1		1		1

ILE00121196

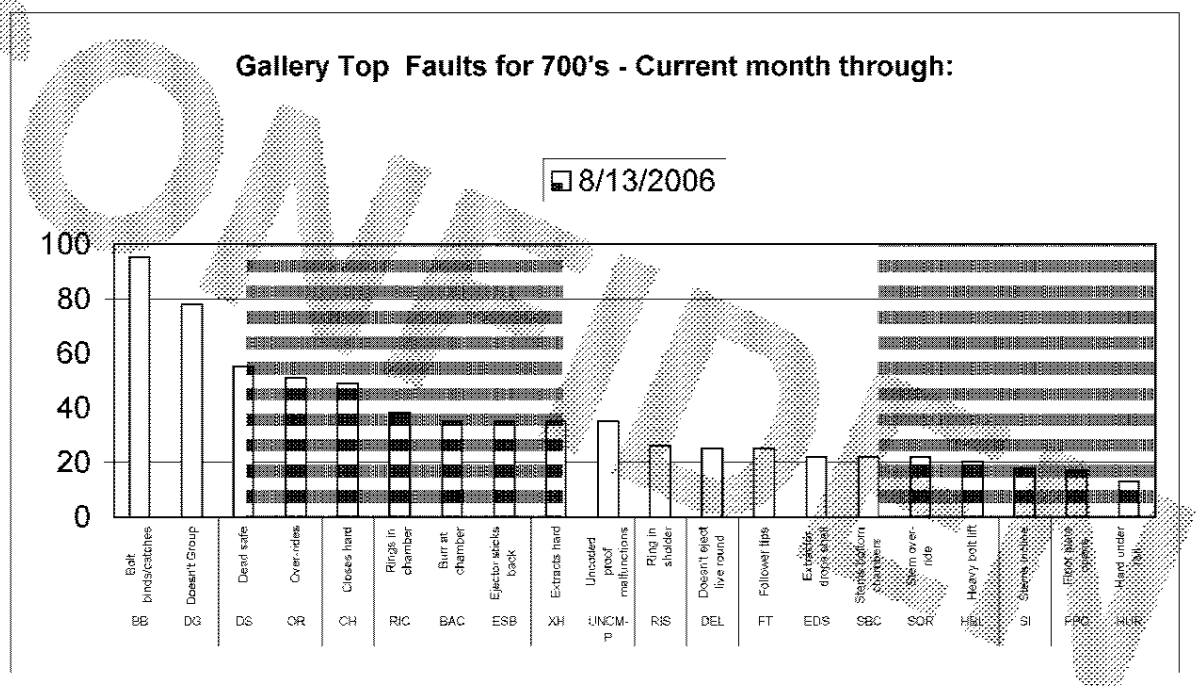
Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

XR-100	7400	7500	7600	7615	Rimfire	totals	totals	totals
	7		24			33	2	31
			2			4	2	2
	5					5		5
11			2			38	36	2

ILE00121197

Subject to Protective Order - Williams v. Remington

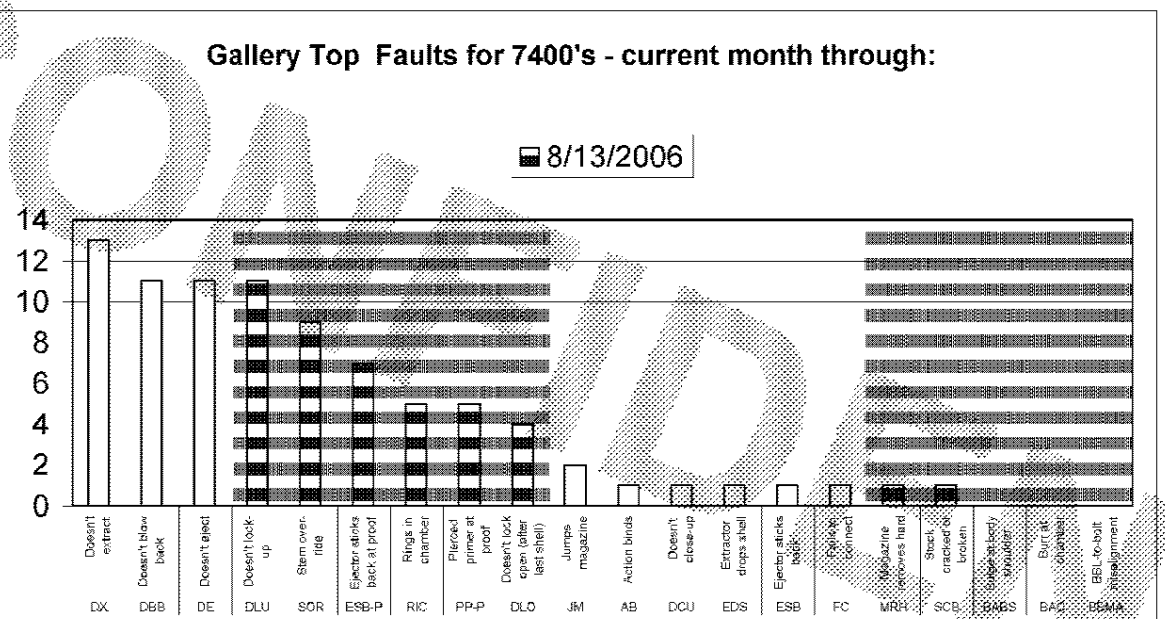


CONFIDENTIAL

ILE00121198

Subject to Protective Order - Williams v. Remington

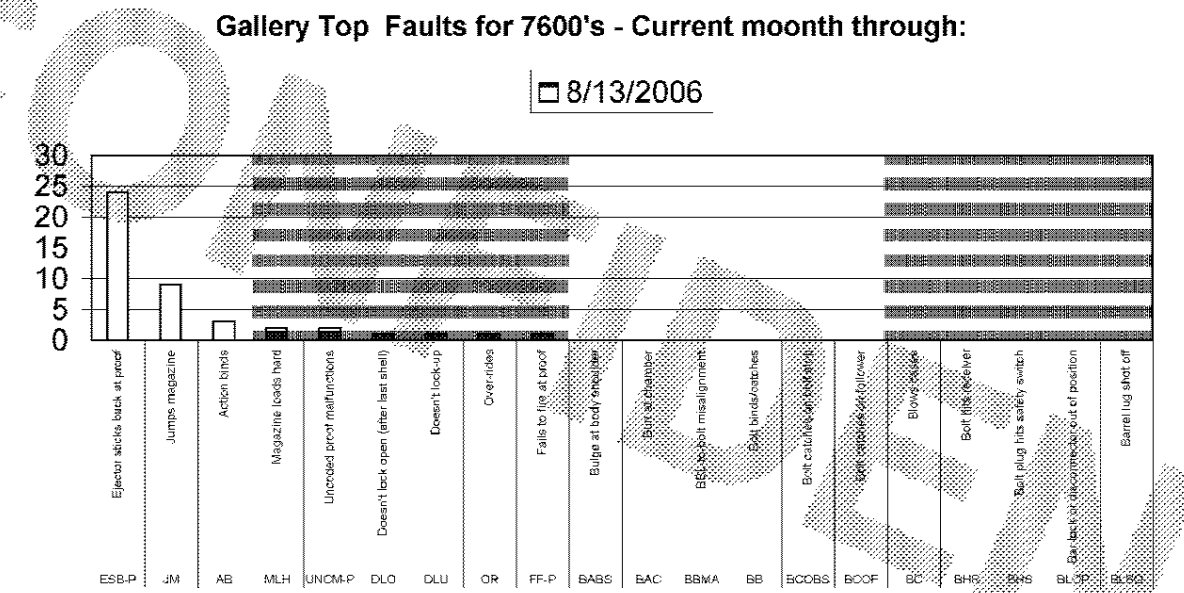
CONFIDENTIAL



ILE00121199

Subject to Protective Order - Williams v. Remington

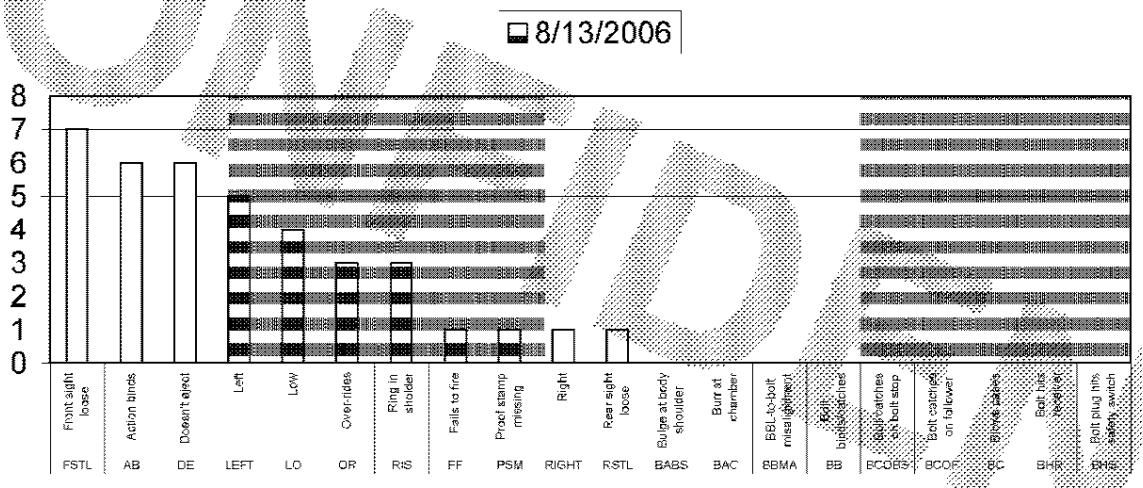
CONFIDENTIAL



Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Gallery Top Faults for 7615's - Current Month through:



ILE00121201

BB	Bolt binds/catches	95
DG	Doesn't Group	78
DS	Dead safe	55
OR	Over-rides	51
CH	Closes hard	49
RIC	Rings in chamber	38
BAC	Burr at chamber	35
ESB	Ejector sticks back	35
XH	Extracts hard	35
UNCM-P	Uncoded proof malfunctions	35
RIS	Ring in sholder	26
DEL	Doesn't eject live round	25
FT	Follower tips	25
EDS	Extractor drops shell	22
SBC	Stems bottom chambers	22
SOR	Stem over-ride	22
HBL	Heavy bolt lift	20
SI	Stems incline	18
FPO	Floor plate opens	17
HUR	Hard under rail	13
JM	Jumps magazine	11
DX	Doesn't extract	8
SWE	Safety switch works too easily	8
BWCFM	Bolt won't close over full magazine	5
DE	Doesn't eject	5
OH	Opens hard	5
SWH	Safety switch works too hard	5
RBOC	Rings and bulges on case	3
ESB-P	Ejector sticks back at proof	2
FF-P	Fails to fire at proof	2
BPO	Bolt pulls out	1
CLM	Can't load magazine	1
DCU	Doesn't close-up	1
FD	Follows-down	1
SIC	Stems in chamber	1
STC	Stems top chamber	1
AB	Action binds	0
BABS	Bulge at body shoulder	0
BBMA	BBL-to-bolt misalignment	0
BCOBS	Bolt catches on bolt stop	0
BCOF	Bolt catches on follower	0
BC	Blows cases	0
BHR	Bolt hits receiver	0
BHS	Bolt plug hits safety switch	0
BLOP	Bar lock or disconnector out of position	0
BLSO	Barrel lug shot off	0
BSSM	Bolt stems shell in magazine	0
BWCD	Bolt won't cam down	0
CD	Case dented	0
CO	Cut-off	0
CR	Cuts rim	0

CONFIDENTIAL

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
DFB	Doesn't feed back	0
DFU	Doesn't feed up	0
DLO	Doesn't lock open (after last shell)	0
DLU	Doesn't lock-up	0
DXL	Doesn't extract live round	0
ESCR	Empty shell catches receiver	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
FF	Fails to fire	0
FFP	Flat firing pin	0
FOS	Fires on safe	0
FPHB	Firing pin hits bbl	0
FPHI	Firing pin hits inside rim	0
FPOH	Floor plate opens hard	0
FSR	Fires when safe is released	0
GCSO	Gas cyl shot off	0
HMSC	Heading mismatch-steps on case	0
HPA	High pressure ammo	0
JCS	Jumps cartridge	0
JO	Jars off	0
LB	Light blow	0
MAH	Magazine assembles hard	0
MCW	Magazine capacity wrong	0
MFA	Misfires (ammo)	0
MFOP	Magazine follower out of position	0
ML	Magazine loose	0
MLH	Magazine loads hard	0
MRH	Magazine removes hard	0
PH	Pulls hard	0
PSI	Proof stamp illegible	0
PSM	Proof stamp missing	0
RDW	(Action) release doesn't work	0
RS	Rim srem	0
SBE	Stems bbl extension	0
SCB	Stock cracked or broken	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
SP	Stems port	0

CONFIDENTIAL

SR	Shoulder rough	0
SRC	Stems right side of chamber	0
SRIC	Specific rings in chamber	0
SSOC	Surface scratches on case	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
		0
HI	High	0
LO	Low	0
LEFT	Left	0
RIGHT	Right	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
		0
AI-P	Assembly incompleye at proof	0
BBB	Barrel bracket cracked or broken 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
BLSO-P	Barrel lug shot off 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
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
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

8/13/2006

CONFIDENTIAL

DX	Doesn't extract	13
DBB	Doesn't blow back	11
DE	Doesn't eject	11
DLU	Doesn't lock-up	11
SOR	Stem over-ride	9
ESB-P	Ejector sticks back at proof	7
RIC	Rings in chamber	5
PP-P	Pierced primer at proof	5
DLO	Doesn't lock open (after last shell)	4
JM	Jumps magazine	2
AB	Action binds	1
DCU	Doesn't close-up	1
EDS	Extractor drops shell	1
ESB	Ejector sticks back	1
FC	Fails to connect	1
MRH	Magazine removes hard	1
SCB	Stock cracked or broken	1
BABS	Bulge at body shoulder	0
BAC	Burr at chamber	0
BBMA	BBL-to-bolt misalignment	0
BB	Bolt binds/catches	0
BCOBS	Bolt catches on bolt stop	0
BCOF	Bolt catches on follower	0
BC	Blows cases	0
BHR	Bolt hits receiver	0
BHS	Bolt plug hits safety switch	0
BLOP	Bar lock or disconnector out of position	0
BLSO	Barrel lug shot off	0
BPO	Bolt pulls out	0
BSSM	Bolt stems shell in magazine	0
BWCD	Bolt won't cam down	0
BWCFM	Bolt won't close over full magazine	0
CD	Case dented	0
CH	Closes hard	0
CLM	Can't load 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
DFB	Doesn't feed back	0
DFU	Doesn't feed up	0
DS	Dead safe	0
DXL	Doesn't extract live round	0
ESCR	Empty shell catches receiver	0
ESS	Extractor stems shell	0
FA	Fires automatically	0

CONFIDENTIAL

FB	Follower binds	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
FPHB	Firing pin hits bbl	0
FPHI	Firing pin hits inside rim	0
FPO	Floor plate opens	0
FPOH	Floor plate opens hard	0
FSR	Fires when safe is released	0
FT	Follower tips	0
GCSO	Gas cyl shot off	0
HBL	Heavy bolt lift	0
HMSC	Heading mismatch-steps on case	0
HPA	High pressure ammo	0
HUR	Hard under rail	0
JCS	Jumps cartridge	0
JO	Jars off	0
LB	Light blow	0
MAH	Magazine assembles hard	0
MCW	Magazine capacity wrong	0
MFA	Misfires (ammo)	0
MFOP	Magazine follower out of position	0
ML	Magazine loose	0
MLH	Magazine loads hard	0
OH	Opens hard	0
OR	Over-rides	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
RIS	Ring in sholder	0
RS	Rim srem	0
SBC	Stems bottom chambers	0
SBE	Stems bbl extension	0
SCX	Shell catches	0
SHI	Short indent	0
SI	Stems incline	0
SIC	Stems in chamber	0
SL	shaves lead	0
SLC	Stems left side of chamber	0
SMOC	Stretch marks on case	0
SP	Stems port	0
SR	Shoulder rough	0
SRC	Stems right side of chamber	0
SRIC	Specific rings in chamber	0
SSOC	Surface scratches on case	0
STC	Stems top chamber	0
SWE	Safety switch works too easily	0

CONFIDENTIAL

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
		0
HI	High	0
LO	Low	0
LEFT	Left	0
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
		0
AI-P	Assembly incompleye at proof	0
BBB	Barrel bracket cracked or broken 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
BLSO-P	Barrel lug shot off 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
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
MSI-P	Magnaflux stamp illegible on bbl	0
MSM-P	Magnaflux stamp missing on bbl	0
SCB-P	Stock cracked or broken at proof	0
UNCM-P	Uncoded proof malfunctions	0

CONFIDENTIAL

ESB-P	Ejector sticks back at proof	24
JM	Jumps magazine	9
AB	Action binds	3
MLH	Magazine loads hard	2
UNCM-P	Uncoded proof malfunctions	2
DLO	Doesn't lock open (after last shell)	1
DLU	Doesn't lock-up	1
OR	Over-rides	1
FF-P	Fails to fire at proof	1
BABS	Bulge at body shoulder	0
BAC	Burr at chamber	0
BBMA	BBL-to-bolt misalignment	0
BB	Bolt binds/catches	0
BCOBS	Bolt catches on bolt stop	0
BCOF	Bolt catches on follower	0
BC	Blows cases	0
BHR	Bolt hits receiver	0
BHS	Bolt plug hits safety switch	0
BLOP	Bar lock or disconnector out of position	0
BLSO	Barrel lug shot off	0
BPO	Bolt pulls out	0
BSSM	Bolt stems shell in magazine	0
BWCD	Bolt won't cam down	0
BWCFM	Bolt won't close over full magazine	0
CD	Case dented	0
CH	Closes hard	0
CLM	Can't load 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
DFB	Doesn't feed back	0
DFU	Doesn't feed up	0
DS	Dead safe	0
DX	Doesn't extract	0
DXL	Doesn't extract live round	0
EDS	Extractor drops shell	0
ESB	Ejector sticks back	0
ESCR	Empty shell catches receiver	0
ESS	Extractor stems shell	0
FA	Fires automatically	0
FB	Follower binds	0
FC	Fails to connect	0

CONFIDENTIAL

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
FPHB	Firing pin hits bbl	0
FPHI	Firing pin hits inside rim	0
FPO	Floor plate opens	0
FPOH	Floor plate opens hard	0
FSR	Fires when safe is released	0
FT	Follower tips	0
GCSO	Gas cyl shot off	0
HBL	Heavy bolt lift	0
HMSC	Heading mismatch-steps on case	0
HPA	High pressure ammo	0
HUR	Hard under rail	0
JCS	Jumps cartridge	0
JO	Jars off	0
LB	Light blow	0
MAH	Magazine assembles hard	0
MCW	Magazine capacity wrong	0
MFA	Misfires (ammo)	0
MFOP	Magazine follower out of position	0
ML	Magazine loose	0
MRH	Magazine removes 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
RIS	Ring in sholder	0
RS	Rim srem	0
SBC	Stems bottom chambers	0
SBE	Stems bbl extension	0
SCB	Stock cracked or broken	0
SCX	Shell catches	0
SHI	Short indent	0
SI	Stems incline	0
SIC	Stems in chamber	0
SL	shaves lead	0
SLC	Stems left side of chamber	0
SMOC	Stretch marks on case	0
SOR	Stem over-ride	0
SP	Stems port	0
SR	Shoulder rough	0
SRC	Stems right side of chamber	0
SRIC	Specific rings in chamber	0
SSOC	Surface scratches on case	0
STC	Stems top chamber	0

CONFIDENTIAL

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
		0
HI	High	0
LO	Low	0
LEFT	Left	0
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
		0
AI-P	Assembly incompleye at proof	0
BBB	Barrel bracket cracked or broken 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
BLSO-P	Barrel lug shot off 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
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
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

CONFIDENTIAL

FSTL	Front sight loose	7
AB	Action binds	6
DE	Doesn't eject	6
LEFT	Left	5
LO	Low	4
OR	Over-rides	3
RIS	Ring in sholder	3
FF	Fails to fire	1
PSM	Proof stamp missing	1
RIGHT	Right	1
RSTL	Rear sight loose	1
BABS	Bulge at body shoulder	0
BAC	Burr at chamber	0
BBMA	BBL-to-bolt misalignment	0
BB	Bolt binds/catches	0
BCOBS	Bolt catches on bolt stop	0
BCOF	Bolt catches on follower	0
BC	Blows cases	0
BHR	Bolt hits receiver	0
BHS	Bolt plug hits safety switch	0
BLOP	Bar lock or disconnector out of position	0
BLSO	Barrel lug shot off	0
BPO	Bolt pulls out	0
BSSM	Bolt stems shell in magazine	0
BWCD	Bolt won't cam down	0
BWCFM	Bolt won't close over full magazine	0
CD	Case dented	0
CH	Closes hard	0
CLM	Can't load 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
DEL	Doesn't eject live round	0
DFB	Doesn't feed back	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
DX	Doesn't extract	0
DXL	Doesn't extract live round	0
EDS	Extractor drops shell	0
ESB	Ejector sticks back	0
ESCR	Empty shell catches receiver	0
ESS	Extractor stems shell	0

CONFIDENTIAL

FA	Fires automatically	0
FB	Follower binds	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
FPHB	Firing pin hits bbl	0
FPHI	Firing pin hits inside rim	0
FPO	Floor plate opens	0
FPOH	Floor plate opens hard	0
FSR	Fires when safe is released	0
FT	Follower tips	0
GCSO	Gas cyl shot off	0
HBL	Heavy bolt lift	0
HMSC	Heading mismatch-steps on case	0
HPA	High pressure ammo	0
HUR	Hard under rail	0
JCS	Jumps cartridge	0
JM	Jumps magazine	0
JO	Jars off	0
LB	Light blow	0
MAH	Magazine assembles hard	0
MCW	Magazine capacity wrong	0
MFA	Misfires (ammo)	0
MFOP	Magazine follower out of position	0
ML	Magazine loose	0
MLH	Magazine loads hard	0
MRH	Magazine removes hard	0
OH	Opens hard	0
PH	Pulls hard	0
PSI	Proof stamp illegible	0
RBOC	Rings and bulges on case	0
RDW	(Action) release doesn't work	0
RIC	Rings in chamber	0
RS	Rim srem	0
SBC	Stems bottom chambers	0
SBE	Stems bbl extension	0
SCB	Stock cracked or broken	0
SCX	Shell catches	0
SHI	Short indent	0
SI	Stems incline	0
SIC	Stems in chamber	0
SL	shaves lead	0
SLC	Stems left side of chamber	0
SMOC	Stretch marks on case	0
SOR	Stem over-ride	0
SP	Stems port	0
SR	Shoulder rough	0
SRC	Stems right side of chamber	0
SRIC	Specific rings in chamber	0

CONFIDENTIAL

SSOC	Surface scratches on case	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
		0
HI	High	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
MGPT-G	Missing parts at target	0
UNCN-G	Uncoded nonconformity at target	0
		0
AI-P	Assembly incompleye at proof	0
BBB	Barrel bracket cracked or broken 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
BLSO-P	Barrel lug shot off 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
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

CONFIDENTIAL

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Summary		
	Total Test + Proof Failures	981
	Total Rejected:	47
	Overall Reject Rate:	4.79

Proof	Shot:	295	59	3	272	156	10	
	Rejected:	0	0	0	0	0	0	0
	Percent:	0.0	0.0	0.0	0.0	0.0	0.0	
Test	Shot:	249	123	56	171	226		
	Rejected:	6	5	1	12	10	0	0
	Percent:	2.4	4.1	1.8	7.0	4.4		
Target	Shot:	16	10	5	13	6		
	Rejected:	0	0	0	0	0	0	0
	Percent:	0.0	0.0	0.0	0.0	0.0		

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
AB	Action binds							
BABS	Bulge at body shoulder							
BAC	Burr at chamber							
BBMA	BBL-to-bolt misalignment							
BB	Bolt binds/catches	2	3	1	2	5		
BCOBS	Bolt catches on bolt stop							
BCOF	Bolt catches on follower							
BC	Blows cases							
BHR	Bolt hits receiver							
BHS	Bolt plug hits safety switch							
BLOP	Bar lock or disconnector out of position							
BLSO	Barrel lug shot off							
BPO	Bolt pulls out							
BSSM	Bolt stems shell in magazine							
BWCD	Bolt won't cam down							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

BWCFM	Bolt won't close over full magazine							
CD	Case dented							
CH	Closes hard					3		
CLM	Can't load 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							
DFB	Doesn't feed back							
DFU	Doesn't feed up							
DLO	Doesn't lock open (after last shell)							
DLU	Doesn't lock-up							
DS	Dead safe							
DX	Doesn't extract				1			
DXL	Doesn't extract live round							
EDS	Extractor drops shell		2		4	1		
ESB	Ejector sticks back							
ESCR	Empty shell catches receiver							
ESS	Extractor stems shell							

ILE00121215

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FA	Fires automatically							
FB	Follower binds							
FC	Fails to connect							
FCB	Fore-end cracked or broken							
FD	Follows-down							
FF	Fails to fire							
FFP	Flat firing pin							
FOS	Fires on safe							
FPHB	Firing pin hits bbl							
FPHI	Firing pin hits inside rim							
FPO	Floor plate opens	3			1			
FPOH	Floor plate opens hard							
FSR	Fires when safe is released							
FT	Follower tips							
GCSO	Gas cyl shot off							
HBL	Heavy bolt lift							
HMSC	Heading mismatch-steps on case							
HPA	High pressure ammo							
HUR	Hard under rail				1			
JCS	Jumps cartridge							
JM	Jumps magazine							
JO	Jars off							
LB	Light blow							
MAH	Magazine assembles hard							
MCW	Magazine capacity wrong							
MFA	Misfires (ammo)							
MFOP	Magazine follower out of position							

ILE00121216

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

ML	Magazine loose							
MLH	Magazine loads hard							
MRH	Magazine removes hard							
OH	Opens hard	1						
OR	Over-rides				1			
PH	Pulls hard							
PSI	Proof stamp illegible							
PSM	Proof stamp missing							
RBOC	Rings and bulges on case							
RDW	(Action) release doesn't work							
RIC	Rings in chamber				2			
RIS	Ring in sholder					1		
RS	Rim srem							
SBC	Stems bottom chambers							
SBE	Stems bbl extension							
SCB	Stock cracked or broken							
SCX	Shell catches							
SHI	Short indent							
SI	Stems incline							
SIC	Stems in chamber							
SL	shaves lead							
SLC	Stems left side of chamber							
SMOC	Stretch marks on case							
SOR	Stem over-ride							
SP	Stems port							
SR	Shoulder rough							
SRC	Stems right side of chamber							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

SRIC	Specific rings in chamber							
SSOC	Surface scratches on case							
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							
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							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

AI-P	Assembly incompleye at proof							
BBB	Barrel bracket cracked or broken at proof							
BC-P	Blows cases at proof							
BEB-P	Barrel extension broken at proof							
BLP-P	Blanked primer at proof							
BLSO-P	Barrel lug shot off 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							
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							

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Test Date:						totals
	125			22		942
0	0	0	0	0	0	0
	0.0			0.0		0.0
	128		6	22		981
0	13	0	0	0	0	47
	10.2		0.0	0.0		4.8
	3			22		75
0	0	0	0	0	0	0
	0.0			0.0		0.0

XR-100	7400	7500	7600	7615	Rimfire	totals
	1					1
						13

ILE00121220

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

						3
	1					1
	4					4
	4					5
						7

ILE001211221

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

	1					1
						4
						1
	2					2

ILE001211222

			1	1						2	1														

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Summary		
	Total Test + Proof Failures	931
	Total Rejected:	80
	Overall Reject Rate:	8.59

Proof	Shot:	126	18	63	147	372	36	
	Rejected:	0	0	1	0	0	0	0
	Percent:	0.0	0.0	1.6	0.0	0.0	0.0	
Test	Shot:	172	41	224	72	278		
	Rejected:	2	7	44	2	7	0	0
	Percent:	1.2	17.1	19.6	2.8	2.5		
Target	Shot:	14		17	7	14		
	Rejected:	0	0	0	0	0	0	0
	Percent:	0.0		0.0	0.0	0.0		

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
AB	Action binds							
BABS	Bulge at body shoulder							
BAC	Burr at chamber		1					
BBMA	BBL-to-bolt misalignment							
BB	Bolt binds/catches		2	13				
BCOBS	Bolt catches on bolt stop							
BCOF	Bolt catches on follower							
BC	Blows cases							
BHR	Bolt hits receiver							
BHS	Bolt plug hits safety switch							
BLOP	Bar lock or disconnector out of position							
BLSO	Barrel lug shot off							
BPO	Bolt pulls out					1		
BSSM	Bolt stems shell in magazine							
BWCD	Bolt won't cam down							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

BWCFM	Bolt won't close over full magazine			4				
CD	Case dented							
CH	Closes hard			1				
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							
DFB	Doesn't feed back							
DFU	Doesn't feed up							
DLO	Doesn't lock open (after last shell)							
DLU	Doesn't lock-up							
DS	Dead safe			1				
DX	Doesn't extract			1		2		
DXL	Doesn't extract live round							
EDS	Extractor drops shell			3		1		
ESB	Ejector sticks back		4			2		
ESCR	Empty shell catches receiver							
ESS	Extractor stems shell							

ILE00121227

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FA	Fires automatically							
FB	Follower binds							
FC	Fails to connect							
FCB	Fore-end cracked or broken							
FD	Follows-down							
FF	Fails to fire							
FFP	Flat firing pin							
FOS	Fires on safe							
FPHB	Firing pin hits bbl							
FPHI	Firing pin hits inside rim							
FPO	Floor plate opens	1		5				
FPOH	Floor plate opens hard							
FSR	Fires when safe is released							
FT	Follower tips			2				
GCSO	Gas cyl shot off							
HBL	Heavy bolt lift			3				
HMSC	Heading mismatch-steps on case							
HPA	High pressure ammo							
HUR	Hard under rail				2			
JCS	Jumps cartridge							
JM	Jumps magazine			4				
JO	Jars off							
LB	Light blow							
MAH	Magazine assembles hard							
MCW	Magazine capacity wrong							
MFA	Misfires (ammo)							
MFOP	Magazine follower out of position							

ILE00121228

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

ML	Magazine loose							
MLH	Magazine loads hard							
MRH	Magazine removes hard							
OH	Opens hard	1						
OR	Over-rides							
PH	Pulls hard							
PSI	Proof stamp illegible							
PSM	Proof stamp missing							
RBOC	Rings and bulges on case							
RDW	(Action) release doesn't work							
RIC	Rings in chamber							
RIS	Ring in sholder							
RS	Rim srem							
SBC	Stems bottom chambers							
SBE	Stems bbl extension							
SCB	Stock cracked or broken							
SCX	Shell catches							
SHI	Short indent							
SI	Stems incline							
SIC	Stems in chamber							
SL	shaves lead							
SLC	Stems left side of chamber							
SMOC	Stretch marks on case							
SOR	Stem over-ride							
SP	Stems port							
SR	Shoulder rough							
SRC	Stems right side of chamber							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

SRIC	Specific rings in chamber							
SSOC	Surface scratches on case							
STC	Stems top chamber							
SWE	Safety switch works too easily			1				
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			6		1		
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							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

AI-P	Assembly incompleye at proof							
BBB	Barrel bracket cracked or broken at proof							
BC-P	Blows cases at proof							
BEB-P	Barrel extension broken at proof							
BLP-P	Blanked primer at proof							
BLSO-P	Barrel lug shot off 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				
GCSO-P	Gas cylinder 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							

ILE00121231

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

	Test Date:					totals
	137					899
0	0	0	0	0	0	1
	0.0					0.1
	143					930
0	17	0	0	0	0	79
	11.9					8.5
	4					56
0	0	0	0	0	0	0
	0.0					0.0

XR-100	7400	7500	7600	7615	Rimfire	totals
						1
						15
						1

ILE00121232

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

						4
						1
	3					3
	3					3
						1
	2					5
						4
	1					7

ILE001211233

											6			2		3			2		4					

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

			1								1														

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

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
AB	Action binds							
BABS	Bulge at body shoulder							
BAC	Burr at chamber							
BBMA	BBL-to-bolt misalignment							
BB	Bolt binds/catches							
BCOBS	Bolt catches on bolt stop							
BCOF	Bolt catches on follower							
BC	Blows cases							
BHR	Bolt hits receiver							
BHS	Bolt plug hits safety switch							
BLOP	Bar lock or disconnector out of position							
BLSO	Barrel lug shot off							
BPO	Bolt pulls out							
BSSM	Bolt stems shell in magazine							
BWCD	Bolt won't cam down							

ILE00121238

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

BWCFM	Bolt won't close over full magazine							
CD	Case dented							
CH	Closes hard							
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							
DFB	Doesn't feed back							
DFU	Doesn't feed up							
DLO	Doesn't lock open (after last shell)							
DLU	Doesn't lock-up							
DS	Dead safe							
DX	Doesn't extract							
DXL	Doesn't extract live round							
EDS	Extractor drops shell							
ESB	Ejector sticks back							
ESCR	Empty shell catches receiver							
ESS	Extractor stems shell							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FA	Fires automatically							
FB	Follower binds							
FC	Fails to connect							
FCB	Fore-end cracked or broken							
FD	Follows-down							
FF	Fails to fire							
FFP	Flat firing pin							
FOS	Fires on safe							
FPHB	Firing pin hits bbl							
FPHI	Firing pin hits inside rim							
FPO	Floor plate opens							
FPOH	Floor plate opens hard							
FSR	Fires when safe is released							
FT	Follower tips							
GCSO	Gas cyl shot off							
HBL	Heavy bolt lift							
HMSC	Heading mismatch-steps on case							
HPA	High pressure ammo							
HUR	Hard under rail							
JCS	Jumps cartridge							
JM	Jumps magazine							
JO	Jars off							
LB	Light blow							
MAH	Magazine assembles hard							
MCW	Magazine capacity wrong							
MFA	Misfires (ammo)							
MFOP	Magazine follower out of position							

ILE00121240

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

ML	Magazine loose							
MLH	Magazine loads hard							
MRH	Magazine removes hard							
OH	Opens hard							
OR	Over-rides							
PH	Pulls hard							
PSI	Proof stamp illegible							
PSM	Proof stamp missing							
RBOC	Rings and bulges on case							
RDW	(Action) release doesn't work							
RIC	Rings in chamber							
RIS	Ring in sholder							
RS	Rim srem							
SBC	Stems bottom chambers							
SBE	Stems bbl extension							
SCB	Stock cracked or broken							
SCX	Shell catches							
SHI	Short indent							
SI	Stems incline							
SIC	Stems in chamber							
SL	shaves lead							
SLC	Stems left side of chamber							
SMOC	Stretch marks on case							
SOR	Stem over-ride							
SP	Stems port							
SR	Shoulder rough							
SRC	Stems right side of chamber							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

SRIC	Specific rings in chamber							
SSOC	Surface scratches on case							
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							
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							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

AI-P	Assembly incompleye at proof							
BBB	Barrel bracket cracked or broken at proof							
BC-P	Blows cases at proof							
BEB-P	Barrel extension broken at proof							
BLP-P	Blanked primer at proof							
BLSO-P	Barrel lug shot off 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							
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							

ILE00121243

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Test Date:						totals
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

XR-100	7400	7500	7600	7615	Rimfire	totals

ILE00121244

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

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
AB	Action binds							
BABS	Bulge at body shoulder							
BAC	Burr at chamber							
BBMA	BBL-to-bolt misalignment							
BB	Bolt binds/catches							
BCOBS	Bolt catches on bolt stop							
BCOF	Bolt catches on follower							
BC	Blows cases							
BHR	Bolt hits receiver							
BHS	Bolt plug hits safety switch							
BLOP	Bar lock or disconnector out of position							
BLSO	Barrel lug shot off							
BPO	Bolt pulls out							
BSSM	Bolt stems shell in magazine							
BWCD	Bolt won't cam down							

ILE00121250

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

BWCFM	Bolt won't close over full magazine							
CD	Case dented							
CH	Closes hard							
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							
DFB	Doesn't feed back							
DFU	Doesn't feed up							
DLO	Doesn't lock open (after last shell)							
DLU	Doesn't lock-up							
DS	Dead safe							
DX	Doesn't extract							
DXL	Doesn't extract live round							
EDS	Extractor drops shell							
ESB	Ejector sticks back							
ESCR	Empty shell catches receiver							
ESS	Extractor stems shell							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FA	Fires automatically							
FB	Follower binds							
FC	Fails to connect							
FCB	Fore-end cracked or broken							
FD	Follows-down							
FF	Fails to fire							
FFP	Flat firing pin							
FOS	Fires on safe							
FPHB	Firing pin hits bbl							
FPHI	Firing pin hits inside rim							
FPO	Floor plate opens							
FPOH	Floor plate opens hard							
FSR	Fires when safe is released							
FT	Follower tips							
GCSO	Gas cyl shot off							
HBL	Heavy bolt lift							
HMSC	Heading mismatch-steps on case							
HPA	High pressure ammo							
HUR	Hard under rail							
JCS	Jumps cartridge							
JM	Jumps magazine							
JO	Jars off							
LB	Light blow							
MAH	Magazine assembles hard							
MCW	Magazine capacity wrong							
MFA	Misfires (ammo)							
MFOP	Magazine follower out of position							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

ML	Magazine loose							
MLH	Magazine loads hard							
MRH	Magazine removes hard							
OH	Opens hard							
OR	Over-rides							
PH	Pulls hard							
PSI	Proof stamp illegible							
PSM	Proof stamp missing							
RBOC	Rings and bulges on case							
RDW	(Action) release doesn't work							
RIC	Rings in chamber							
RIS	Ring in sholder							
RS	Rim srem							
SBC	Stems bottom chambers							
SBE	Stems bbl extension							
SCB	Stock cracked or broken							
SCX	Shell catches							
SHI	Short indent							
SI	Stems incline							
SIC	Stems in chamber							
SL	shaves lead							
SLC	Stems left side of chamber							
SMOC	Stretch marks on case							
SOR	Stem over-ride							
SP	Stems port							
SR	Shoulder rough							
SRC	Stems right side of chamber							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

SRIC	Specific rings in chamber							
SSOC	Surface scratches on case							
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							
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							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

AI-P	Assembly incompleye at proof							
BBB	Barrel bracket cracked or broken at proof							
BC-P	Blows cases at proof							
BEB-P	Barrel extension broken at proof							
BLP-P	Blanked primer at proof							
BLSO-P	Barrel lug shot off 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							
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							

ILE00121255

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Test Date:						totals
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

XR-100	7400	7500	7600	7615	Rimfire	totals

ILE00121256

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

CONFIDENTIAL

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

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
AB	Action binds							
BABS	Bulge at body shoulder							
BAC	Burr at chamber							
BBMA	BBL-to-bolt misalignment							
BB	Bolt binds/catches							
BCOBS	Bolt catches on bolt stop							
BCOF	Bolt catches on follower							
BC	Blows cases							
BHR	Bolt hits receiver							
BHS	Bolt plug hits safety switch							
BLOP	Bar lock or disconnector out of position							
BLSO	Barrel lug shot off							
BPO	Bolt pulls out							
BSSM	Bolt stems shell in magazine							
BWCD	Bolt won't cam down							

ILE00121262

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

BWCFM	Bolt won't close over full magazine							
CD	Case dented							
CH	Closes hard							
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							
DFB	Doesn't feed back							
DFU	Doesn't feed up							
DLO	Doesn't lock open (after last shell)							
DLU	Doesn't lock-up							
DS	Dead safe							
DX	Doesn't extract							
DXL	Doesn't extract live round							
EDS	Extractor drops shell							
ESB	Ejector sticks back							
ESCR	Empty shell catches receiver							
ESS	Extractor stems shell							

ILE00121263

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FA	Fires automatically							
FB	Follower binds							
FC	Fails to connect							
FCB	Fore-end cracked or broken							
FD	Follows-down							
FF	Fails to fire							
FFP	Flat firing pin							
FOS	Fires on safe							
FPHB	Firing pin hits bbl							
FPHI	Firing pin hits inside rim							
FPO	Floor plate opens							
FPOH	Floor plate opens hard							
FSR	Fires when safe is released							
FT	Follower tips							
GCSO	Gas cyl shot off							
HBL	Heavy bolt lift							
HMSC	Heading mismatch-steps on case							
HPA	High pressure ammo							
HUR	Hard under rail							
JCS	Jumps cartridge							
JM	Jumps magazine							
JO	Jars off							
LB	Light blow							
MAH	Magazine assembles hard							
MCW	Magazine capacity wrong							
MFA	Misfires (ammo)							
MFOP	Magazine follower out of position							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

ML	Magazine loose							
MLH	Magazine loads hard							
MRH	Magazine removes hard							
OH	Opens hard							
OR	Over-rides							
PH	Pulls hard							
PSI	Proof stamp illegible							
PSM	Proof stamp missing							
RBOC	Rings and bulges on case							
RDW	(Action) release doesn't work							
RIC	Rings in chamber							
RIS	Ring in sholder							
RS	Rim srem							
SBC	Stems bottom chambers							
SBE	Stems bbl extension							
SCB	Stock cracked or broken							
SCX	Shell catches							
SHI	Short indent							
SI	Stems incline							
SIC	Stems in chamber							
SL	shaves lead							
SLC	Stems left side of chamber							
SMOC	Stretch marks on case							
SOR	Stem over-ride							
SP	Stems port							
SR	Shoulder rough							
SRC	Stems right side of chamber							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

SRIC	Specific rings in chamber							
SSOC	Surface scratches on case							
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							
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							

ILE00121266

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

AI-P	Assembly incompleye at proof							
BBB	Barrel bracket cracked or broken at proof							
BC-P	Blows cases at proof							
BEB-P	Barrel extension broken at proof							
BLP-P	Blanked primer at proof							
BLSO-P	Barrel lug shot off 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							
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							

ILE00121267

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Test Date:						totals
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

XR-100	7400	7500	7600	7615	Rimfire	totals

ILE00121268

CONFIDENTIAL

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	859
	Total Rejected:	42
	Overall Reject Rate:	4.89

Proof	Shot:	74	20	14	102	279		229
	Rejected:	0	0	0	0	0	0	0
	Percent:	0.0	0.0	0.0	0.0	0.0		0.0
Test	Shot:	65	33	131	151	187		260
	Rejected:	2	0	6	6	10	0	18
	Percent:	3.1	0.0	4.6	4.0	5.3		6.9
Target	Shot:	7	3	13	12	18		27
	Rejected:	0	0	0	0	0	0	0
	Percent:	0.0	0.0	0.0	0.0	0.0		0.0

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
AB	Action binds							
BABS	Bulge at body shoulder							
BAC	Burr at chamber					6		
BBMA	BBL-to-bolt misalignment							
BB	Bolt binds/catches			1	3			
BCOBS	Bolt catches on bolt stop							
BCOF	Bolt catches on follower							
BC	Blows cases							
BHR	Bolt hits receiver							
BHS	Bolt plug hits safety switch							
BLOP	Bar lock or disconnector out of position							
BLSO	Barrel lug shot off							
BPO	Bolt pulls out							
BSSM	Bolt stems shell in magazine							
BWCD	Bolt won't cam down							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

BWCFM	Bolt won't close over full magazine							
CD	Case dented							
CH	Closes hard			1		1		
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							
DFB	Doesn't feed back							
DFU	Doesn't feed up							
DLO	Doesn't lock open (after last shell)							
DLU	Doesn't lock-up							
DS	Dead safe							12
DX	Doesn't extract					1		1
DXL	Doesn't extract live round							
EDS	Extractor drops shell	1			2			
ESB	Ejector sticks back					2		
ESCR	Empty shell catches receiver							
ESS	Extractor stems shell							

ILE00121275

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FA	Fires automatically							
FB	Follower binds							
FC	Fails to connect							
FCB	Fore-end cracked or broken							
FD	Follows-down							
FF	Fails to fire							
FFP	Flat firing pin							
FOS	Fires on safe							
FPHB	Firing pin hits bbl							
FPHI	Firing pin hits inside rim							
FPO	Floor plate opens	1		2	1			
FPOH	Floor plate opens hard							
FSR	Fires when safe is released							
FT	Follower tips							
GCSO	Gas cyl shot off							
HBL	Heavy bolt lift			1				
HMSC	Heading mismatch-steps on case							
HPA	High pressure ammo							
HUR	Hard under rail							1
JCS	Jumps cartridge							
JM	Jumps magazine							
JO	Jars off							
LB	Light blow							
MAH	Magazine assembles hard							
MCW	Magazine capacity wrong							
MFA	Misfires (ammo)							
MFOP	Magazine follower out of position							

ILE00121276

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

ML	Magazine loose							
MLH	Magazine loads hard							
MRH	Magazine removes hard							
OH	Opens hard							
OR	Over-rides							1
PH	Pulls hard							
PSI	Proof stamp illegible							
PSM	Proof stamp missing							
RBOC	Rings and bulges on case							
RDW	(Action) release doesn't work							
RIC	Rings in chamber							
RIS	Ring in sholder							
RS	Rim srem							
SBC	Stems bottom chambers							2
SBE	Stems bbl extension							
SCB	Stock cracked or broken							
SCX	Shell catches							
SHI	Short indent							
SI	Stems incline							
SIC	Stems in chamber							
SL	shaves lead							
SLC	Stems left side of chamber							
SMOC	Stretch marks on case							
SOR	Stem over-ride							1
SP	Stems port							
SR	Shoulder rough							
SRC	Stems right side of chamber							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

SRIC	Specific rings in chamber							
SSOC	Surface scratches on case							
STC	Stems top chamber							
SWE	Safety switch works too easily			1				
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							
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							

ILE00121278

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

AI-P	Assembly incompleye at proof							
BBB	Barrel bracket cracked or broken at proof							
BC-P	Blows cases at proof							
BEB-P	Barrel extension broken at proof							
BLP-P	Blanked primer at proof							
BLSO-P	Barrel lug shot off 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							
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							

ILE00121279

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Test Date:						totals
13	71			52		854
0	0	0	0	0	0	0
0.0	0.0			0.0		0.0
	32					859
0	0	0	0	0	0	42
	0.0					4.9
	1					81
0	0	0	0	0	0	0
	0.0					0.0

XR-100	7400	7500	7600	7615	Rimfire	totals
						6
						4

ILE00121280

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

						2
						12
						2
						3
						2

										4					1			1								

CONFIDENTIAL

				1								2										1				

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Summary		
	Total Test + Proof Failures	693
	Total Rejected:	103
	Overall Reject Rate:	14.86

Proof	Shot:	14	59	15	50	53		295
	Rejected:	0	1	0	0	0	0	0
	Percent:	0.0	1.7	0.0	0.0	0.0		0.0
Test	Shot:	11	22	2	68	46		303
	Rejected:	2	1	0	17	1	0	38
	Percent:	18.2	4.5	0.0	25.0	2.2		12.5
Target	Shot:				6	3		25
	Rejected:	0	0	0	0	0	0	0
	Percent:				0.0	0.0		0.0

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
AB	Action binds							
BABS	Bulge at body shoulder							
BAC	Burr at chamber	2			5			
BBMA	BBL-to-bolt misalignment							
BB	Bolt binds/catches		1		7			2
BCOBS	Bolt catches on bolt stop							
BCOF	Bolt catches on follower							
BC	Blows cases							
BHR	Bolt hits receiver							
BHS	Bolt plug hits safety switch							
BLOP	Bar lock or disconnector out of position							
BLSO	Barrel lug shot off							
BPO	Bolt pulls out							
BSSM	Bolt stems shell in magazine							
BWCD	Bolt won't cam down							

ILE00121286

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

BWCFM	Bolt won't close over full magazine							
CD	Case dented							
CH	Closes hard							
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							
DFB	Doesn't feed back							
DFU	Doesn't feed up							
DLO	Doesn't lock open (after last shell)							
DLU	Doesn't lock-up							
DS	Dead safe							1
DX	Doesn't extract							
DXL	Doesn't extract live round							
EDS	Extractor drops shell							
ESB	Ejector sticks back				1			5
ESCR	Empty shell catches receiver							
ESS	Extractor stems shell							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FA	Fires automatically							
FB	Follower binds							
FC	Fails to connect							
FCB	Fore-end cracked or broken							
FD	Follows-down							
FF	Fails to fire							
FFP	Flat firing pin							
FOS	Fires on safe							
FPHB	Firing pin hits bbl							
FPHI	Firing pin hits inside rim							
FPO	Floor plate opens							
FPOH	Floor plate opens hard							
FSR	Fires when safe is released							
FT	Follower tips							5
GCSO	Gas cyl shot off							
HBL	Heavy bolt lift							
HMSC	Heading mismatch-steps on case							
HPA	High pressure ammo							
HUR	Hard under rail				1			
JCS	Jumps cartridge							
JM	Jumps magazine							
JO	Jars off							
LB	Light blow							
MAH	Magazine assembles hard							
MCW	Magazine capacity wrong							
MFA	Misfires (ammo)							
MFOP	Magazine follower out of position							

ILE00121288

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

ML	Magazine loose							
MLH	Magazine loads hard							
MRH	Magazine removes hard							
OH	Opens hard							
OR	Over-rides							2
PH	Pulls hard							
PSI	Proof stamp illegible							
PSM	Proof stamp missing							
RBOC	Rings and bulges on case							2
RDW	(Action) release doesn't work							
RIC	Rings in chamber				3	1		
RIS	Ring in sholder							
RS	Rim srem							
SBC	Stems bottom chambers							13
SBE	Stems bbl extension							
SCB	Stock cracked or broken							
SCX	Shell catches							
SHI	Short indent							
SI	Stems incline							1
SIC	Stems in chamber							
SL	shaves lead							
SLC	Stems left side of chamber							
SMOC	Stretch marks on case							
SOR	Stem over-ride							5
SP	Stems port							
SR	Shoulder rough							
SRC	Stems right side of chamber							

ILE00121289

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

SRIC	Specific rings in chamber							
SSOC	Surface scratches on case							
STC	Stems top chamber							
SWE	Safety switch works too easily							2
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							
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							

ILE00121290

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

AI-P	Assembly incompleye at proof							
BBB	Barrel bracket cracked or broken at proof							
BC-P	Blows cases at proof							
BEB-P	Barrel extension broken at proof							
BLP-P	Blanked primer at proof							
BLSO-P	Barrel lug shot off 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							
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		1					

ILE001211291

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Test Date:						totals
207	89			104		886
5	0	0	0	0	0	6
2.4	0.0			0.0		0.7
61	122			52		687
0	11	0	0	4	0	74
0.0	9.0			7.7		10.8
61	6			96		199
16	0	0	0	7	0	23
26.2	0.0			7.1		11.6

XR-100	7400	7500	7600	7615	Rimfire	totals
				3		3
						7
						10

ILE001211292

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

	5					5
	1					1
	2					2
	1					1
						1
						6

ILE001211293

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

	1					1
						2
				1		1
						2
						4
						13
	1					1
						1
						5

ILE00121295

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

						2
				4		4
				1		1
16						16
				2		2

ILE001211296

CONFIDENTIAL

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Summary		
	Total Test + Proof Failures	744
	Total Rejected:	122
	Overall Reject Rate:	16.40

Proof	Shot:	11	41	1	30	52		231
	Rejected:	0	0	0	0	1	0	1
	Percent:	0.0	0.0	0.0	0.0	1.9		0.4
Test	Shot:	9			43	28		315
	Rejected:	0	0	0	6	1	0	55
	Percent:	0.0			14.0	3.6		17.5
Target	Shot:				2	3		23
	Rejected:	0	0	0	0	0	0	0
	Percent:				0.0	0.0		0.0

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
AB	Action binds							
BABS	Bulge at body shoulder							
BAC	Burr at chamber				1			
BBMA	BBL-to-bolt misalignment							
BB	Bolt binds/catches				2	1		2
BCOBS	Bolt catches on bolt stop							
BCOF	Bolt catches on follower							
BC	Blows cases							
BHR	Bolt hits receiver							
BHS	Bolt plug hits safety switch							
BLOP	Bar lock or disconnector out of position							
BLSO	Barrel lug shot off							
BPO	Bolt pulls out							
BSSM	Bolt stems shell in magazine							
BWCD	Bolt won't cam down							

ILE001211298

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

BWCFM	Bolt won't close over full magazine							
CD	Case dented							
CH	Closes hard							
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							
DFB	Doesn't feed back							
DFU	Doesn't feed up							
DLO	Doesn't lock open (after last shell)							
DLU	Doesn't lock-up							
DS	Dead safe							12
DX	Doesn't extract							
DXL	Doesn't extract live round							
EDS	Extractor drops shell							
ESB	Ejector sticks back							4
ESCR	Empty shell catches receiver							
ESS	Extractor stems shell							

ILE00121299

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FA	Fires automatically							
FB	Follower binds							
FC	Fails to connect							
FCB	Fore-end cracked or broken							
FD	Follows-down							
FF	Fails to fire							
FFP	Flat firing pin							
FOS	Fires on safe							
FPHB	Firing pin hits bbl							
FPHI	Firing pin hits inside rim							
FPO	Floor plate opens							1
FPOH	Floor plate opens hard							
FSR	Fires when safe is released							
FT	Follower tips							11
GCSO	Gas cyl shot off							
HBL	Heavy bolt lift				1			
HMSC	Heading mismatch-steps on case							
HPA	High pressure ammo							
HUR	Hard under rail							4
JCS	Jumps cartridge							
JM	Jumps magazine							
JO	Jars off							
LB	Light blow							
MAH	Magazine assembles hard							
MCW	Magazine capacity wrong							
MFA	Misfires (ammo)							
MFOP	Magazine follower out of position							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

ML	Magazine loose							
MLH	Magazine loads hard							
MRH	Magazine removes hard							
OH	Opens hard							
OR	Over-rides							6
PH	Pulls hard							
PSI	Proof stamp illegible							
PSM	Proof stamp missing							
RBOC	Rings and bulges on case							1
RDW	(Action) release doesn't work							
RIC	Rings in chamber				2			1
RIS	Ring in sholder							
RS	Rim srem							
SBC	Stems bottom chambers							2
SBE	Stems bbl extension							
SCB	Stock cracked or broken							
SCX	Shell catches							
SHI	Short indent							
SI	Stems incline							6
SIC	Stems in chamber							
SL	shaves lead							
SLC	Stems left side of chamber							
SMOC	Stretch marks on case							
SOR	Stem over-ride							5
SP	Stems port							
SR	Shoulder rough							
SRC	Stems right side of chamber							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

SRIC	Specific rings in chamber							
SSOC	Surface scratches on case							
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							
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							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

AI-P	Assembly incompleye at proof							
BBB	Barrel bracket cracked or broken at proof							
BC-P	Blows cases at proof							
BEB-P	Barrel extension broken at proof							
BLP-P	Blanked primer at proof							
BLSO-P	Barrel lug shot off 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		
GCSO-P	Gas cylinder 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							1

ILE001211303

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Test Date:						totals
252	115		7	1		741
4	3	0	2	0	0	11
1.6	2.6		28.6	0.0		1.5
213	125					733
0	9	0	0	9	0	80
0.0	7.2					10.9
150	6			62		246
29	0	0	0	2	0	31
19.3	0.0			3.2		12.6

XR-100	7400	7500	7600	7615	Rimfire	totals
				2		2
						1
						5

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

	1			2		3
	2					2
	1					1
						12
	4					4
	1					1
						4

ILE001213055

										1			11		1			4								

CONFIDENTIAL

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

				2		8
						1
						3
				3		3
						2
						6
						5

ILE001211307

CONFIDENTIAL

29						29
				2		2

Subject to Protective Order - Williams v. Remington

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

	3					3
			1			2
4			1			6

ILE00121309

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Summary		
	Total Test + Proof Failures	604
	Total Rejected:	29
	Overall Reject Rate:	4.80

Proof	Shot:	25	59	9	23	168		78
	Rejected:	0	0	0	0	0	0	0
	Percent:	0.0	0.0	0.0	0.0	0.0		0.0
Test	Shot:	7	19		13	153		31
	Rejected:	0	2	0	2	3	0	3
	Percent:	0.0	10.5		15.4	2.0		9.7
Target	Shot:					12		
	Rejected:	0	0	0	0	0	0	0
	Percent:					0.0		

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
AB	Action binds							
BABS	Bulge at body shoulder							
BAC	Burr at chamber							
BBMA	BBL-to-bolt misalignment							
BB	Bolt binds/catches		1			1		
BCOBS	Bolt catches on bolt stop							
BCOF	Bolt catches on follower							
BC	Blows cases							
BHR	Bolt hits receiver							
BHS	Bolt plug hits safety switch							
BLOP	Bar lock or disconnector out of position							
BLSO	Barrel lug shot off							
BPO	Bolt pulls out							
BSSM	Bolt stems shell in magazine							
BWCD	Bolt won't cam down							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

BWCFM	Bolt won't close over full magazine							
CD	Case dented							
CH	Closes hard					1		
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							
DFB	Doesn't feed back							
DFU	Doesn't feed up							
DLO	Doesn't lock open (after last shell)							
DLU	Doesn't lock-up							
DS	Dead safe							1
DX	Doesn't extract							
DXL	Doesn't extract live round							
EDS	Extractor drops shell				2			
ESB	Ejector sticks back							
ESCR	Empty shell catches receiver							
ESS	Extractor stems shell							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FA	Fires automatically							
FB	Follower binds							
FC	Fails to connect							
FCB	Fore-end cracked or broken							
FD	Follows-down							
FF	Fails to fire							
FFP	Flat firing pin							
FOS	Fires on safe							
FPHB	Firing pin hits bbl							
FPHI	Firing pin hits inside rim							
FPO	Floor plate opens							
FPOH	Floor plate opens hard							
FSR	Fires when safe is released							
FT	Follower tips							1
GCSO	Gas cyl shot off							
HBL	Heavy bolt lift							
HMSC	Heading mismatch-steps on case							
HPA	High pressure ammo							
HUR	Hard under rail							
JCS	Jumps cartridge							
JM	Jumps magazine					1		
JO	Jars off							
LB	Light blow							
MAH	Magazine assembles hard							
MCW	Magazine capacity wrong							
MFA	Misfires (ammo)							
MFOP	Magazine follower out of position							

ILE00121312

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

ML	Magazine loose							
MLH	Magazine loads hard							
MRH	Magazine removes hard							
OH	Opens hard							
OR	Over-rides		1					
PH	Pulls hard							
PSI	Proof stamp illegible							
PSM	Proof stamp missing							
RBOC	Rings and bulges on case							
RDW	(Action) release doesn't work							
RIC	Rings in chamber							
RIS	Ring in sholder							
RS	Rim srem							
SBC	Stems bottom chambers							
SBE	Stems bbl extension							
SCB	Stock cracked or broken							
SCX	Shell catches							
SHI	Short indent							
SI	Stems incline							1
SIC	Stems in chamber							
SL	shaves lead							
SLC	Stems left side of chamber							
SMOC	Stretch marks on case							
SOR	Stem over-ride							
SP	Stems port							
SR	Shoulder rough							
SRC	Stems right side of chamber							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

SRIC	Specific rings in chamber							
SSOC	Surface scratches on case							
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							
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							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

AI-P	Assembly incompleye at proof							
BBB	Barrel bracket cracked or broken at proof							
BC-P	Blows cases at proof							
BEB-P	Barrel extension broken at proof							
BLP-P	Blanked primer at proof							
BLSO-P	Barrel lug shot off 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							
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							

ILE00121315

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Test Date:						totals
267	61			51		741
0	0	0	0	0	0	0
0.0	0.0			0.0		0.0
321	60					604
13	6	0	0	0	0	29
4.0	10.0					4.8
321	3					336
0	0	0	0	0	0	0
0.0	0.0					0.0

XR-100	7400	7500	7600	7615	Rimfire	totals
						2

ILE00121316

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

13						14
	1					1
	3					3
	2					2
						1
						2

ILE001211317

CONFIDENTIAL

				1														1								

CONFIDENTIAL

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	126
	Total Rejected:	10
	Overall Reject Rate:	7.94

Proof	Shot:	83	40	16	67	26		43
	Rejected:	0	0	0	0	0	0	0
	Percent:	0.0	0.0	0.0	0.0	0.0		0.0
Test	Shot:							
	Rejected:	0	0	0	0	0	0	0
	Percent:							
Target	Shot:							
	Rejected:	0	0	0	0	0	0	0
	Percent:							

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
AB	Action binds							
BABS	Bulge at body shoulder							
BAC	Burr at chamber							
BBMA	BBL-to-bolt misalignment							
BB	Bolt binds/catches							
BCOBS	Bolt catches on bolt stop							
BCOF	Bolt catches on follower							
BC	Blows cases							
BHR	Bolt hits receiver							
BHS	Bolt plug hits safety switch							
BLOP	Bar lock or disconnector out of position							
BLSO	Barrel lug shot off							
BPO	Bolt pulls out							
BSSM	Bolt stems shell in magazine							
BWCD	Bolt won't cam down							

ILE00121322

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

BWCFM	Bolt won't close over full magazine							
CD	Case dented							
CH	Closes hard							
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							
DFB	Doesn't feed back							
DFU	Doesn't feed up							
DLO	Doesn't lock open (after last shell)							
DLU	Doesn't lock-up							
DS	Dead safe							
DX	Doesn't extract							
DXL	Doesn't extract live round							
EDS	Extractor drops shell							
ESB	Ejector sticks back							
ESCR	Empty shell catches receiver							
ESS	Extractor stems shell							

ILE00121323

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FA	Fires automatically							
FB	Follower binds							
FC	Fails to connect							
FCB	Fore-end cracked or broken							
FD	Follows-down							
FF	Fails to fire							
FFP	Flat firing pin							
FOS	Fires on safe							
FPHB	Firing pin hits bbl							
FPHI	Firing pin hits inside rim							
FPO	Floor plate opens							
FPOH	Floor plate opens hard							
FSR	Fires when safe is released							
FT	Follower tips							
GCSO	Gas cyl shot off							
HBL	Heavy bolt lift							
HMSC	Heading mismatch-steps on case							
HPA	High pressure ammo							
HUR	Hard under rail							
JCS	Jumps cartridge							
JM	Jumps magazine							
JO	Jars off							
LB	Light blow							
MAH	Magazine assembles hard							
MCW	Magazine capacity wrong							
MFA	Misfires (ammo)							
MFOP	Magazine follower out of position							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

ML	Magazine loose							
MLH	Magazine loads hard							
MRH	Magazine removes hard							
OH	Opens hard							
OR	Over-rides							
PH	Pulls hard							
PSI	Proof stamp illegible							
PSM	Proof stamp missing							
RBOC	Rings and bulges on case							
RDW	(Action) release doesn't work							
RIC	Rings in chamber							
RIS	Ring in sholder							
RS	Rim srem							
SBC	Stems bottom chambers							
SBE	Stems bbl extension							
SCB	Stock cracked or broken							
SCX	Shell catches							
SHI	Short indent							
SI	Stems incline							
SIC	Stems in chamber							
SL	shaves lead							
SLC	Stems left side of chamber							
SMOC	Stretch marks on case							
SOR	Stem over-ride							
SP	Stems port							
SR	Shoulder rough							
SRC	Stems right side of chamber							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

SRIC	Specific rings in chamber							
SSOC	Surface scratches on case							
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							
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							

ILE00121326

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

AI-P	Assembly incompleye at proof							
BBB	Barrel bracket cracked or broken at proof							
BC-P	Blows cases at proof							
BEB-P	Barrel extension broken at proof							
BLP-P	Blanked primer at proof							
BLSO-P	Barrel lug shot off 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							
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							

ILE00121327

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Test Date:						totals
34						309
0	0	0	0	0	0	0
0.0						0.0
86				40		126
4	0	0	0	0	0	4
4.7				0.0		3.2
80				40		120
2	0	0	0	4	0	6
2.5				10.0		5.0

XR-100	7400	7500	7600	7615	Rimfire	totals
2						2

ILE00121328

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

				4		4
2						2

ILE001211332

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

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL& ADL	700 SS	700 CDL	700 POLICE	MODEL 7
AB	Action binds							
BABS	Bulge at body shoulder							
BAC	Burr at chamber							
BBMA	BBL-to-bolt misalignment							
BB	Bolt binds/catches							
BCOBS	Bolt catches on bolt stop							
BCOF	Bolt catches on follower							
BC	Blows cases							
BHR	Bolt hits receiver							
BHS	Bolt plug hits safety switch							
BLOP	Bar lock or disconnector out of position							
BLSO	Barrel lug shot off							
BPO	Bolt pulls out							
BSSM	Bolt stems shell in magazine							
BWCD	Bolt won't cam down							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

BWCFM	Bolt won't close over full magazine							
CD	Case dented							
CH	Closes hard							
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							
DFB	Doesn't feed back							
DFU	Doesn't feed up							
DLO	Doesn't lock open (after last shell)							
DLU	Doesn't lock-up							
DS	Dead safe							
DX	Doesn't extract							
DXL	Doesn't extract live round							
EDS	Extractor drops shell							
ESB	Ejector sticks back							
ESCR	Empty shell catches receiver							
ESS	Extractor stems shell							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FA	Fires automatically							
FB	Follower binds							
FC	Fails to connect							
FCB	Fore-end cracked or broken							
FD	Follows-down							
FF	Fails to fire							
FFP	Flat firing pin							
FOS	Fires on safe							
FPHB	Firing pin hits bbl							
FPHI	Firing pin hits inside rim							
FPO	Floor plate opens							
FPOH	Floor plate opens hard							
FSR	Fires when safe is released							
FT	Follower tips							
GCSO	Gas cyl shot off							
HBL	Heavy bolt lift							
HMSC	Heading mismatch-steps on case							
HPA	High pressure ammo							
HUR	Hard under rail							
JCS	Jumps cartridge							
JM	Jumps magazine							
JO	Jars off							
LB	Light blow							
MAH	Magazine assembles hard							
MCW	Magazine capacity wrong							
MFA	Misfires (ammo)							
MFOP	Magazine follower out of position							

ILE00121336

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

ML	Magazine loose							
MLH	Magazine loads hard							
MRH	Magazine removes hard							
OH	Opens hard							
OR	Over-rides							
PH	Pulls hard							
PSI	Proof stamp illegible							
PSM	Proof stamp missing							
RBOC	Rings and bulges on case							
RDW	(Action) release doesn't work							
RIC	Rings in chamber							
RIS	Ring in sholder							
RS	Rim srem							
SBC	Stems bottom chambers							
SBE	Stems bbl extension							
SCB	Stock cracked or broken							
SCX	Shell catches							
SHI	Short indent							
SI	Stems incline							
SIC	Stems in chamber							
SL	shaves lead							
SLC	Stems left side of chamber							
SMOC	Stretch marks on case							
SOR	Stem over-ride							
SP	Stems port							
SR	Shoulder rough							
SRC	Stems right side of chamber							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

SRIC	Specific rings in chamber							
SSOC	Surface scratches on case							
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							
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							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

AI-P	Assembly incompleye at proof							
BBB	Barrel bracket cracked or broken at proof							
BC-P	Blows cases at proof							
BEB-P	Barrel extension broken at proof							
BLP-P	Blanked primer at proof							
BLSO-P	Barrel lug shot off 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							
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							

ILE00121339

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Test Date:						totals
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

XR-100	7400	7500	7600	7615	Rimfire	totals

ILE00121340

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

CONFIDENTIAL

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	1196
	Total Rejected:	163
	Overall Reject Rate:	13.63

Proof	Shot:	137	49	23	108	93		298
	Rejected:	0	0	0	0	0	0	0
	Percent:	0.0	0.0	0.0	0.0	0.0		0.0
Test	Shot:	77		137	164	60		353
	Rejected:	1	0	14	38	12	0	38
	Percent:	1.3		10.2	23.2	20.0		10.8
Target	Shot:	8		14	13	3		14
	Rejected:	0	0	0	0	0	0	0
	Percent:	0.0		0.0	0.0	0.0		0.0

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
AB	Action binds							
BABS	Bulge at body shoulder							
BAC	Burr at chamber			1	1			1
BBMA	BBL-to-bolt misalignment							
BB	Bolt binds/catches	1		3	3	10		
BCOBS	Bolt catches on bolt stop							
BCOF	Bolt catches on follower							
BC	Blows cases							
BHR	Bolt hits receiver							
BHS	Bolt plug hits safety switch							
BLOP	Bar lock or disconnector out of position							
BLSO	Barrel lug shot off							
BPO	Bolt pulls out							
BSSM	Bolt stems shell in magazine							
BWCD	Bolt won't cam down							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

BWCFM	Bolt won't close over full magazine							
CD	Case dented							
CH	Closes hard			2	4	1		
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							
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				25			
DFB	Doesn't feed back							
DFU	Doesn't feed up							
DLO	Doesn't lock open (after last shell)							
DLU	Doesn't lock-up							
DS	Dead safe							11
DX	Doesn't extract			2				
DXL	Doesn't extract live round							
EDS	Extractor drops shell							1
ESB	Ejector sticks back					1		
ESCR	Empty shell catches receiver							
ESS	Extractor stems shell							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FA	Fires automatically							
FB	Follower binds							
FC	Fails to connect							
FCB	Fore-end cracked or broken							
FD	Follows-down							
FF	Fails to fire							
FFP	Flat firing pin							
FOS	Fires on safe							
FPHB	Firing pin hits bbl							
FPHI	Firing pin hits inside rim							
FPO	Floor plate opens			1				
FPOH	Floor plate opens hard							
FSR	Fires when safe is released							
FT	Follower tips				4			
GCSO	Gas cyl shot off							
HBL	Heavy bolt lift			4				2
HMSC	Heading mismatch-steps on case							
HPA	High pressure ammo							
HUR	Hard under rail							
JCS	Jumps cartridge							
JM	Jumps magazine							
JO	Jars off							
LB	Light blow							
MAH	Magazine assembles hard							
MCW	Magazine capacity wrong							
MFA	Misfires (ammo)							
MFOP	Magazine follower out of position							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

ML	Magazine loose							
MLH	Magazine loads hard							
MRH	Magazine removes hard							
OH	Opens hard							
OR	Over-rides							15
PH	Pulls hard							
PSI	Proof stamp illegible							
PSM	Proof stamp missing							
RBOC	Rings and bulges on case							
RDW	(Action) release doesn't work							
RIC	Rings in chamber				1			1
RIS	Ring in sholder							
RS	Rim srem							
SBC	Stems bottom chambers							
SBE	Stems bbl extension							
SCB	Stock cracked or broken							
SCX	Shell catches							
SHI	Short indent							
SI	Stems incline							
SIC	Stems in chamber							
SL	shaves lead							
SLC	Stems left side of chamber							
SMOC	Stretch marks on case							
SOR	Stem over-ride							7
SP	Stems port							
SR	Shoulder rough							
SRC	Stems right side of chamber							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

SRIC	Specific rings in chamber							
SSOC	Surface scratches on case							
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							
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							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

AI-P	Assembly incompleye at proof							
BBB	Barrel bracket cracked or broken at proof							
BC-P	Blows cases at proof							
BEB-P	Barrel extension broken at proof							
BLP-P	Blanked primer at proof							
BLSO-P	Barrel lug shot off 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							
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							

ILE00121351

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Test Date:						totals
74	129		68	74	22	1075
0	0	0	12	0	0	12
0.0	0.0		17.6	0.0	0.0	1.1
168	177		26		22	1184
0	14	0	5	0	0	122
0.0	7.9		19.2		0.0	10.3
168	4					224
29	0	0	0	0	0	29
17.3	0.0					12.9

XR-100	7400	7500	7600	7615	Rimfire	totals
						3
						17

ILE00121352

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

						7
						1
	1					1
	3					3
						25
	2					2
						11
	3					5
						1
						1

ILE001211353

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

						15
	5					7
						7

ILE001211355

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

ILE00121356

			11			11
			1			1

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Summary		
	Total Test + Proof Failures	577
	Total Rejected:	81
	Overall Reject Rate:	14.04

Proof	Shot:	4	67	1	10	28		232
	Rejected:	0	0	0	0	0	0	8
	Percent:	0.0	0.0	0.0	0.0	0.0		3.4
Test	Shot:	4		1	87	6		231
	Rejected:	0	0	0	14	0	0	36
	Percent:	0.0		0.0	16.1	0.0		15.6
Target	Shot:				6			8
	Rejected:	0	0	0	0	0	0	0
	Percent:				0.0			0.0

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
AB	Action binds							
BABS	Bulge at body shoulder							
BAC	Burr at chamber				1			2
BBMA	BBL-to-bolt misalignment							
BB	Bolt binds/catches				3			4
BCOBS	Bolt catches on bolt stop							
BCOF	Bolt catches on follower							
BC	Blows cases							
BHR	Bolt hits receiver							
BHS	Bolt plug hits safety switch							
BLOP	Bar lock or disconnector out of position							
BLSO	Barrel lug shot off							
BPO	Bolt pulls out							
BSSM	Bolt stems shell in magazine							
BWCD	Bolt won't cam down							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

BWCFM	Bolt won't close over full magazine							
CD	Case dented							
CH	Closes hard							
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							1
DEL	Doesn't eject live round							
DFB	Doesn't feed back							
DFU	Doesn't feed up							
DLO	Doesn't lock open (after last shell)							
DLU	Doesn't lock-up							
DS	Dead safe							10
DX	Doesn't extract							
DXL	Doesn't extract live round							
EDS	Extractor drops shell				1			
ESB	Ejector sticks back							
ESCR	Empty shell catches receiver							
ESS	Extractor stems shell							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FA	Fires automatically							
FB	Follower binds							
FC	Fails to connect							
FCB	Fore-end cracked or broken							
FD	Follows-down							
FF	Fails to fire							
FFP	Flat firing pin							
FOS	Fires on safe							
FPHB	Firing pin hits bbl							
FPHI	Firing pin hits inside rim							
FPO	Floor plate opens							
FPOH	Floor plate opens hard							
FSR	Fires when safe is released							
FT	Follower tips							
GCSO	Gas cyl shot off							
HBL	Heavy bolt lift				1			
HMSC	Heading mismatch-steps on case							
HPA	High pressure ammo							
HUR	Hard under rail							
JCS	Jumps cartridge							
JM	Jumps magazine							
JO	Jars off							
LB	Light blow							
MAH	Magazine assembles hard							
MCW	Magazine capacity wrong							
MFA	Misfires (ammo)							
MFOP	Magazine follower out of position							

ILE00121360

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

ML	Magazine loose							
MLH	Magazine loads hard							
MRH	Magazine removes hard							
OH	Opens hard							
OR	Over-rides							5
PH	Pulls hard							
PSI	Proof stamp illegible							
PSM	Proof stamp missing							
RBOC	Rings and bulges on case							
RDW	(Action) release doesn't work							
RIC	Rings in chamber				7			2
RIS	Ring in sholder							
RS	Rim srem							
SBC	Stems bottom chambers							
SBE	Stems bbl extension							
SCB	Stock cracked or broken							
SCX	Shell catches							
SHI	Short indent							
SI	Stems incline				1			1
SIC	Stems in chamber							1
SL	shaves lead							
SLC	Stems left side of chamber							
SMOC	Stretch marks on case							
SOR	Stem over-ride							
SP	Stems port							
SR	Shoulder rough							
SRC	Stems right side of chamber							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

SRIC	Specific rings in chamber							
SSOC	Surface scratches on case							
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							10
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							

ILE00121362

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

AI-P	Assembly incompleye at proof							
BBB	Barrel bracket cracked or broken at proof							
BC-P	Blows cases at proof							
BEB-P	Barrel extension broken at proof							
BLP-P	Blanked primer at proof							
BLSO-P	Barrel lug shot off 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							
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							8

ILE00121363

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Test Date:						totals
148	49		3	85		627
0	0	0	0	0	0	8
0.0	0.0		0.0	0.0		1.3
118	37		85			569
8	0	0	4	7	0	69
6.8	0.0		4.7			12.1
118			69	86		287
2	0	0	0	2	0	4
1.7			0.0	2.3		1.4

XR-100	7400	7500	7600	7615	Rimfire	totals
			1	1		2
2						5
1						8

ILE00121364

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

3						3
				4		5
			1			1
			1			1
						10
1						2

ILE00121365

					1									1											
					1																				

CONFIDENTIAL

			1	1		7
						9
						2
						1

Subject to Protective Order - Williams v. Remington

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

1						11
				1		1
2						2
				1		1

ILE00121368

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

ILE00121369

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Summary		
	Total Test + Proof Failures	783
	Total Rejected:	107
	Overall Reject Rate:	13.67

Proof	Shot:	8	4	4	13	51	30	417
	Rejected:	0	0	0	0	0	0	10
	Percent:	0.0	0.0	0.0	0.0	0.0	0.0	2.4
Test	Shot:	5		13	7	34		424
	Rejected:	0	0	1	2	13	0	67
	Percent:	0.0		7.7	28.6	38.2		15.8
Target	Shot:							8
	Rejected:	0	0	0	0	0	0	0
	Percent:							0.0

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
AB	Action binds							
BABS	Bulge at body shoulder							
BAC	Burr at chamber							11
BBMA	BBL-to-bolt misalignment							
BB	Bolt binds/catches				1			
BCOBS	Bolt catches on bolt stop							
BCOF	Bolt catches on follower							
BC	Blows cases							
BHR	Bolt hits receiver							
BHS	Bolt plug hits safety switch							
BLOP	Bar lock or disconnector out of position							
BLSO	Barrel lug shot off							
BPO	Bolt pulls out							
BSSM	Bolt stems shell in magazine							
BWCD	Bolt won't cam down							

ILE001213700

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

BWCFM	Bolt won't close over full magazine							
CD	Case dented							
CH	Closes hard							
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							
DFB	Doesn't feed back							
DFU	Doesn't feed up							
DLO	Doesn't lock open (after last shell)							
DLU	Doesn't lock-up							
DS	Dead safe							4
DX	Doesn't extract							
DXL	Doesn't extract live round							
EDS	Extractor drops shell				1			
ESB	Ejector sticks back							
ESCR	Empty shell catches receiver							
ESS	Extractor stems shell							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FA	Fires automatically							
FB	Follower binds							
FC	Fails to connect							
FCB	Fore-end cracked or broken							
FD	Follows-down							
FF	Fails to fire							
FFP	Flat firing pin							
FOS	Fires on safe							
FPHB	Firing pin hits bbl							
FPHI	Firing pin hits inside rim							
FPO	Floor plate opens							
FPOH	Floor plate opens hard							
FSR	Fires when safe is released							
FT	Follower tips							1
GCSO	Gas cyl shot off							
HBL	Heavy bolt lift							4
HMSC	Heading mismatch-steps on case							
HPA	High pressure ammo							
HUR	Hard under rail							2
JCS	Jumps cartridge							
JM	Jumps magazine							
JO	Jars off							
LB	Light blow							
MAH	Magazine assembles hard							
MCW	Magazine capacity wrong							
MFA	Misfires (ammo)							
MFOP	Magazine follower out of position							

ILE00121372

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

ML	Magazine loose							
MLH	Magazine loads hard							
MRH	Magazine removes hard							
OH	Opens hard							3
OR	Over-rides							8
PH	Pulls hard							
PSI	Proof stamp illegible							
PSM	Proof stamp missing							
RBOC	Rings and bulges on case							
RDW	(Action) release doesn't work							
RIC	Rings in chamber							3
RIS	Ring in sholder					1		24
RS	Rim srem							
SBC	Stems bottom chambers							
SBE	Stems bbl extension							
SCB	Stock cracked or broken							
SCX	Shell catches							
SHI	Short indent							
SI	Stems incline							
SIC	Stems in chamber							
SL	shaves lead							
SLC	Stems left side of chamber							
SMOC	Stretch marks on case							
SOR	Stem over-ride							4
SP	Stems port							
SR	Shoulder rough							
SRC	Stems right side of chamber							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

SRIC	Specific rings in chamber							
SSOC	Surface scratches on case							
STC	Stems top chamber							1
SWE	Safety switch works too easily							
SWH	Safety switch works too hard							1
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			1		12		1
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							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

AI-P	Assembly incompleye at proof							
BBB	Barrel bracket cracked or broken at proof							
BC-P	Blows cases at proof							
BEB-P	Barrel extension broken at proof							
BLP-P	Blanked primer at proof							
BLSO-P	Barrel lug shot off 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							
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							10

ILE00121375

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Test Date:						totals
147	80		72	50		876
0	0	0	11	0	0	21
0.0	0.0		15.3	0.0		2.4
102	79		31	67		762
0	0	0	3	0	0	86
0.0	0.0		9.7	0.0		11.3
102			2	67		179
0	0	0	0	0	0	0
0.0			0.0	0.0		0.0

XR-100	7400	7500	7600	7615	Rimfire	totals
			1			1
						11
						1

ILE00121376

						4
						1

CONFIDENTIAL

CONFIDENTIAL

														1		4			2							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

			2			2
						3
						8
						3
						25
						4

ILE00121379

		1		1							14															

CONFIDENTIAL

			11			11
						10

CONFIDENTIAL

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Summary		
	Total Test + Proof Failures	795
	Total Rejected:	62
	Overall Reject Rate:	7.80

Proof	Shot:		24	5	22	49		220
	Rejected:	0	0	0	0	0	0	2
	Percent:		0.0	0.0	0.0	0.0		0.9
Test	Shot:				8	43		308
	Rejected:	0	0	0	0	5	0	34
	Percent:				0.0	11.6		11.0
Target	Shot:					3		9
	Rejected:	0	0	0	0	0	0	0
	Percent:					0.0		0.0

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
AB	Action binds							
BABS	Bulge at body shoulder							
BAC	Burr at chamber							
BBMA	BBL-to-bolt misalignment							
BB	Bolt binds/catches							1
BCOBS	Bolt catches on bolt stop							
BCOF	Bolt catches on follower							
BC	Blows cases							
BHR	Bolt hits receiver							
BHS	Bolt plug hits safety switch							
BLOP	Bar lock or disconnector out of position							
BLSO	Barrel lug shot off							
BPO	Bolt pulls out							
BSSM	Bolt stems shell in magazine							
BWCD	Bolt won't cam down							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

BWCFM	Bolt won't close over full magazine							
CD	Case dented							
CH	Closes hard							
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							1
DE	Doesn't eject							
DEL	Doesn't eject live round							
DFB	Doesn't feed back							
DFU	Doesn't feed up							
DLO	Doesn't lock open (after last shell)							
DLU	Doesn't lock-up							
DS	Dead safe					1		1
DX	Doesn't extract							
DXL	Doesn't extract live round							
EDS	Extractor drops shell							
ESB	Ejector sticks back							8
ESCR	Empty shell catches receiver							
ESS	Extractor stems shell							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FA	Fires automatically							
FB	Follower binds							
FC	Fails to connect							
FCB	Fore-end cracked or broken							
FD	Follows-down							
FF	Fails to fire							
FFP	Flat firing pin							
FOS	Fires on safe							
FPHB	Firing pin hits bbl							
FPHI	Firing pin hits inside rim							
FPO	Floor plate opens							
FPOH	Floor plate opens hard							
FSR	Fires when safe is released							
FT	Follower tips							1
GCSO	Gas cyl shot off							
HBL	Heavy bolt lift					1		1
HMSC	Heading mismatch-steps on case							
HPA	High pressure ammo							
HUR	Hard under rail							2
JCS	Jumps cartridge							
JM	Jumps magazine					1		
JO	Jars off							
LB	Light blow							
MAH	Magazine assembles hard							
MCW	Magazine capacity wrong							
MFA	Misfires (ammo)							
MFOP	Magazine follower out of position							

ILE00121384

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

ML	Magazine loose							
MLH	Magazine loads hard							
MRH	Magazine removes hard							
OH	Opens hard							
OR	Over-rides							12
PH	Pulls hard							
PSI	Proof stamp illegible							
PSM	Proof stamp missing							
RBOC	Rings and bulges on case							
RDW	(Action) release doesn't work							
RIC	Rings in chamber							4
RIS	Ring in sholder							
RS	Rim srem							
SBC	Stems bottom chambers							
SBE	Stems bbl extension							
SCB	Stock cracked or broken							
SCX	Shell catches							
SHI	Short indent							
SI	Stems incline							
SIC	Stems in chamber							
SL	shaves lead							
SLC	Stems left side of chamber							
SMOC	Stretch marks on case							
SOR	Stem over-ride							
SP	Stems port							
SR	Shoulder rough							
SRC	Stems right side of chamber							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

SRIC	Specific rings in chamber							
SSOC	Surface scratches on case							
STC	Stems top chamber							
SWE	Safety switch works too easily					2		
SWH	Safety switch works too hard							3
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							
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							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

AI-P	Assembly incompleye at proof							
BBB	Barrel bracket cracked or broken at proof							
BC-P	Blows cases at proof							
BEB-P	Barrel extension broken at proof							
BLP-P	Blanked primer at proof							
BLSO-P	Barrel lug shot off 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							2
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							
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							

ILE001211387

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Test Date:						totals
328	133		24		16	821
0	6	0	0	0	0	8
0.0	4.5		0.0		0.0	1.0
268	131		13		16	787
15	0	0	0	0	0	54
5.6	0.0		0.0		0.0	6.9
268	5					285
0	0	0	0	0	0	0
0.0	0.0					0.0

XR-100	7400	7500	7600	7615	Rimfire	totals
						1

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

13						13
						1
						2
1						1
						8

ILE001211389

														1		2			2		1					

CONFIDENTIAL

CONFIDENTIAL

			2	3																						

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Summary		
	Total Test + Proof Failures	624
	Total Rejected:	57
	Overall Reject Rate:	9.13

Proof	Shot:	15	3	55	126		44	82
	Rejected:	0	0	0	4	0	0	0
	Percent:	0.0	0.0	0.0	3.2		0.0	0.0
Test	Shot:	18		69	136	30	25	81
	Rejected:	4	0	11	19	5	0	13
	Percent:	22.2		15.9	14.0	16.7	0.0	16.0
Target	Shot:			6			25	
	Rejected:	0	0	0	0	0	0	0
	Percent:			0.0			0.0	

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
AB	Action binds							
BABS	Bulge at body shoulder							
BAC	Burr at chamber				1			
BBMA	BBL-to-bolt misalignment							
BB	Bolt binds/catches			6	2			
BCOBS	Bolt catches on bolt stop							
BCOF	Bolt catches on follower							
BC	Blows cases							
BHR	Bolt hits receiver							
BHS	Bolt plug hits safety switch							
BLOP	Bar lock or disconnector out of position							
BLSO	Barrel lug shot off							
BPO	Bolt pulls out							
BSSM	Bolt stems shell in magazine							
BWCD	Bolt won't cam down							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

BWCFM	Bolt won't close over full magazine				1			
CD	Case dented							
CH	Closes hard							
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	4						
DEL	Doesn't eject live round							
DFB	Doesn't feed back							
DFU	Doesn't feed up							
DLO	Doesn't lock open (after last shell)							
DLU	Doesn't lock-up							
DS	Dead safe							1
DX	Doesn't extract							
DXL	Doesn't extract live round							
EDS	Extractor drops shell				1			
ESB	Ejector sticks back				1	5		2
ESCR	Empty shell catches receiver							
ESS	Extractor stems shell							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FA	Fires automatically							
FB	Follower binds							
FC	Fails to connect							
FCB	Fore-end cracked or broken							
FD	Follows-down							
FF	Fails to fire							
FFP	Flat firing pin							
FOS	Fires on safe							
FPHB	Firing pin hits bbl							
FPHI	Firing pin hits inside rim							
FPO	Floor plate opens				1			
FPOH	Floor plate opens hard							
FSR	Fires when safe is released							
FT	Follower tips							
GCSO	Gas cyl shot off							
HBL	Heavy bolt lift				2			
HMSC	Heading mismatch-steps on case							
HPA	High pressure ammo							
HUR	Hard under rail							
JCS	Jumps cartridge							
JM	Jumps magazine			5				
JO	Jars off							
LB	Light blow							
MAH	Magazine assembles hard							
MCW	Magazine capacity wrong							
MFA	Misfires (ammo)							
MFOP	Magazine follower out of position							

ILE00121396

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

ML	Magazine loose							
MLH	Magazine loads hard							
MRH	Magazine removes hard							
OH	Opens hard							
OR	Over-rides							
PH	Pulls hard							
PSI	Proof stamp illegible							
PSM	Proof stamp missing							
RBOC	Rings and bulges on case							
RDW	(Action) release doesn't work							
RIC	Rings in chamber				7			1
RIS	Ring in sholder							
RS	Rim srem							
SBC	Stems bottom chambers							5
SBE	Stems bbl extension							
SCB	Stock cracked or broken							
SCX	Shell catches							
SHI	Short indent							
SI	Stems incline							2
SIC	Stems in chamber							
SL	shaves lead							
SLC	Stems left side of chamber							
SMOC	Stretch marks on case							
SOR	Stem over-ride							
SP	Stems port							
SR	Shoulder rough							
SRC	Stems right side of chamber							

ILE001211397

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

SRIC	Specific rings in chamber							
SSOC	Surface scratches on case							
STC	Stems top chamber							
SWE	Safety switch works too easily							2
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				3			
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							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

AI-P	Assembly incompleye at proof							
BBB	Barrel bracket cracked or broken at proof							
BC-P	Blows cases at proof							
BEB-P	Barrel extension broken at proof							
BLP-P	Blanked primer at proof							
BLSO-P	Barrel lug shot off 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							
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				4			

ILE00121399

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Test Date:						totals
141	7					473
0	0	0	0	0	0	4
0.0	0.0					0.8
254	7					620
1	0	0	0	0	0	53
0.4	0.0					8.5
254						285
0	0	0	0	0	0	0
0.0						0.0

XR-100	7400	7500	7600	7615	Rimfire	totals
						1
1						9

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

						1
						4
						1
						1
						8

1

2

5

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

										8			5					2								

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

ILE00121405

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Summary		
	Total Test + Proof Failures	1
	Total Rejected:	1
	Overall Reject Rate:	100.00

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

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
AB	Action binds							
BABS	Bulge at body shoulder							
BAC	Burr at chamber							
BBMA	BBL-to-bolt misalignment							
BB	Bolt binds/catches							
BCOBS	Bolt catches on bolt stop							
BCOF	Bolt catches on follower							
BC	Blows cases							
BHR	Bolt hits receiver							
BHS	Bolt plug hits safety switch							
BLOP	Bar lock or disconnector out of position							
BLSO	Barrel lug shot off							
BPO	Bolt pulls out							
BSSM	Bolt stems shell in magazine							
BWCD	Bolt won't cam down							

ILE00121406

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

BWCFM	Bolt won't close over full magazine							
CD	Case dented							
CH	Closes hard							
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							
DFB	Doesn't feed back							
DFU	Doesn't feed up							
DLO	Doesn't lock open (after last shell)							
DLU	Doesn't lock-up							
DS	Dead safe							
DX	Doesn't extract							
DXL	Doesn't extract live round							
EDS	Extractor drops shell							
ESB	Ejector sticks back							
ESCR	Empty shell catches receiver							
ESS	Extractor stems shell							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FA	Fires automatically							
FB	Follower binds							
FC	Fails to connect							
FCB	Fore-end cracked or broken							
FD	Follows-down							
FF	Fails to fire							
FFP	Flat firing pin							
FOS	Fires on safe							
FPHB	Firing pin hits bbl							
FPHI	Firing pin hits inside rim							
FPO	Floor plate opens							
FPOH	Floor plate opens hard							
FSR	Fires when safe is released							
FT	Follower tips							
GCSO	Gas cyl shot off							
HBL	Heavy bolt lift							
HMSC	Heading mismatch-steps on case							
HPA	High pressure ammo							
HUR	Hard under rail							
JCS	Jumps cartridge							
JM	Jumps magazine							
JO	Jars off							
LB	Light blow							
MAH	Magazine assembles hard							
MCW	Magazine capacity wrong							
MFA	Misfires (ammo)							
MFOP	Magazine follower out of position							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

ML	Magazine loose							
MLH	Magazine loads hard							
MRH	Magazine removes hard							
OH	Opens hard							
OR	Over-rides							
PH	Pulls hard							
PSI	Proof stamp illegible							
PSM	Proof stamp missing							
RBOC	Rings and bulges on case							
RDW	(Action) release doesn't work							
RIC	Rings in chamber							
RIS	Ring in sholder							
RS	Rim srem							
SBC	Stems bottom chambers							
SBE	Stems bbl extension							
SCB	Stock cracked or broken							
SCX	Shell catches							
SHI	Short indent							
SI	Stems incline							
SIC	Stems in chamber							
SL	shaves lead							
SLC	Stems left side of chamber							
SMOC	Stretch marks on case							
SOR	Stem over-ride							
SP	Stems port							
SR	Shoulder rough							
SRC	Stems right side of chamber							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

SRIC	Specific rings in chamber							
SSOC	Surface scratches on case							
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							
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							

ILE00121410

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

AI-P	Assembly incompleye at proof							
BBB	Barrel bracket cracked or broken at proof							
BC-P	Blows cases at proof							
BEB-P	Barrel extension broken at proof							
BLP-P	Blanked primer at proof							
BLSO-P	Barrel lug shot off 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							
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							

ILE00121411

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Test Date:						totals
75						75
1	0	0	0	0	0	1
1.3						1.3
0	0	0	0	0	0	0
0	0	0	0	0	0	0

XR-100	7400	7500	7600	7615	Rimfire	totals

ILE00121412

CONFIDENTIAL

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

CONFIDENTIAL

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Summary	*Total Test + Proof Failures*	*0*
	Total Rejected:	*3*
	Overall Reject Rate:	

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

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
AB	Action binds							
BABS	Bulge at body shoulder							
BAC	Burr at chamber							
BBMA	BBL-to-bolt misalignment							
BB	Bolt binds/catches							
BCOBS	Bolt catches on bolt stop							
BCOF	Bolt catches on follower							
BC	Blows cases							
BHR	Bolt hits receiver							
BHS	Bolt plug hits safety switch							
BLOP	Bar lock or disconnector out of position							
BLSO	Barrel lug shot off							
BPO	Bolt pulls out							
BSSM	Bolt stems shell in magazine							
BWCD	Bolt won't cam down							

ILE00121418

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

BWCFM	Bolt won't close over full magazine							
CD	Case dented							
CH	Closes hard							
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							
DFB	Doesn't feed back							
DFU	Doesn't feed up							
DLO	Doesn't lock open (after last shell)							
DLU	Doesn't lock-up							
DS	Dead safe							
DX	Doesn't extract							
DXL	Doesn't extract live round							
EDS	Extractor drops shell							
ESB	Ejector sticks back							
ESCR	Empty shell catches receiver							
ESS	Extractor stems shell							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FA	Fires automatically							
FB	Follower binds							
FC	Fails to connect							
FCB	Fore-end cracked or broken							
FD	Follows-down							
FF	Fails to fire							
FFP	Flat firing pin							
FOS	Fires on safe							
FPHB	Firing pin hits bbl							
FPHI	Firing pin hits inside rim							
FPO	Floor plate opens							
FPOH	Floor plate opens hard							
FSR	Fires when safe is released							
FT	Follower tips							
GCSO	Gas cyl shot off							
HBL	Heavy bolt lift							
HMSC	Heading mismatch-steps on case							
HPA	High pressure ammo							
HUR	Hard under rail							
JCS	Jumps cartridge							
JM	Jumps magazine							
JO	Jars off							
LB	Light blow							
MAH	Magazine assembles hard							
MCW	Magazine capacity wrong							
MFA	Misfires (ammo)							
MFOP	Magazine follower out of position							

ILE00121420

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

ML	Magazine loose							
MLH	Magazine loads hard							
MRH	Magazine removes hard							
OH	Opens hard							
OR	Over-rides							
PH	Pulls hard							
PSI	Proof stamp illegible							
PSM	Proof stamp missing							
RBOC	Rings and bulges on case							
RDW	(Action) release doesn't work							
RIC	Rings in chamber							
RIS	Ring in sholder							
RS	Rim srem							
SBC	Stems bottom chambers							
SBE	Stems bbl extension							
SCB	Stock cracked or broken							
SCX	Shell catches							
SHI	Short indent							
SI	Stems incline							
SIC	Stems in chamber							
SL	shaves lead							
SLC	Stems left side of chamber							
SMOC	Stretch marks on case							
SOR	Stem over-ride							
SP	Stems port							
SR	Shoulder rough							
SRC	Stems right side of chamber							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

SRIC	Specific rings in chamber							
SSOC	Surface scratches on case							
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							
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							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

AI-P	Assembly incompleye at proof							
BBB	Barrel bracket cracked or broken at proof							
BC-P	Blows cases at proof							
BEB-P	Barrel extension broken at proof							
BLP-P	Blanked primer at proof							
BLSO-P	Barrel lug shot off 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							
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							

ILE00121423

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Test Date:						totals
0	0	0	0	0	0	0
0	0	0	0	0	0	0
				21		21
0	0	0	0	3	0	3
				14.3		14.3

XR-100	7400	7500	7600	7615	Rimfire	totals

ILE00121424

CONFIDENTIAL

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

																						2	1			
																						2	1			

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	719
	Total Rejected:	36
	Overall Reject Rate:	5.01

Proof	Shot:	85	4	15	52	35	13	33
	Rejected:	0	0	0	0	0	0	0
	Percent:	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Test	Shot:	55		43	15			88
	Rejected:	0	0	5	0	0	0	1
	Percent:	0.0		11.6	0.0			1.1
Target	Shot:			3	2			
	Rejected:	0	0	0	0	0	0	0
	Percent:			0.0	0.0			

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
AB	Action binds							
BABS	Bulge at body shoulder							
BAC	Burr at chamber							
BBMA	BBL-to-bolt misalignment							
BB	Bolt binds/catches							
BCOBS	Bolt catches on bolt stop							
BCOF	Bolt catches on follower							
BC	Blows cases							
BHR	Bolt hits receiver							
BHS	Bolt plug hits safety switch							
BLOP	Bar lock or disconnector out of position							
BLSO	Barrel lug shot off							
BPO	Bolt pulls out							
BSSM	Bolt stems shell in magazine							
BWCD	Bolt won't cam down							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

BWCFM	Bolt won't close over full magazine							
CD	Case dented							
CH	Closes hard							
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							
DFB	Doesn't feed back							
DFU	Doesn't feed up							
DLO	Doesn't lock open (after last shell)							
DLU	Doesn't lock-up							
DS	Dead safe							
DX	Doesn't extract							
DXL	Doesn't extract live round							
EDS	Extractor drops shell							
ESB	Ejector sticks back							
ESCR	Empty shell catches receiver							
ESS	Extractor stems shell							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FA	Fires automatically							
FB	Follower binds							
FC	Fails to connect							
FCB	Fore-end cracked or broken							
FD	Follows-down							
FF	Fails to fire							
FFP	Flat firing pin							
FOS	Fires on safe							
FPHB	Firing pin hits bbl							
FPHI	Firing pin hits inside rim							
FPO	Floor plate opens							
FPOH	Floor plate opens hard							
FSR	Fires when safe is released							
FT	Follower tips							
GCSO	Gas cyl shot off							
HBL	Heavy bolt lift							
HMSC	Heading mismatch-steps on case							
HPA	High pressure ammo							
HUR	Hard under rail							
JCS	Jumps cartridge							
JM	Jumps magazine							
JO	Jars off							
LB	Light blow							
MAH	Magazine assembles hard							
MCW	Magazine capacity wrong							
MFA	Misfires (ammo)							
MFOP	Magazine follower out of position							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

ML	Magazine loose							
MLH	Magazine loads hard							
MRH	Magazine removes hard							
OH	Opens hard							
OR	Over-rides							
PH	Pulls hard							
PSI	Proof stamp illegible							
PSM	Proof stamp missing							
RBOC	Rings and bulges on case							
RDW	(Action) release doesn't work							
RIC	Rings in chamber							
RIS	Ring in sholder							
RS	Rim srem							
SBC	Stems bottom chambers							
SBE	Stems bbl extension							
SCB	Stock cracked or broken							
SCX	Shell catches							
SHI	Short indent							
SI	Stems incline			5				1
SIC	Stems in chamber							
SL	shaves lead							
SLC	Stems left side of chamber							
SMOC	Stretch marks on case							
SOR	Stem over-ride							
SP	Stems port							
SR	Shoulder rough							
SRC	Stems right side of chamber							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

SRIC	Specific rings in chamber							
SSOC	Surface scratches on case							
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							
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							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

AI-P	Assembly incompleye at proof							
BBB	Barrel bracket cracked or broken at proof							
BC-P	Blows cases at proof							
BEB-P	Barrel extension broken at proof							
BLP-P	Blanked primer at proof							
BLSO-P	Barrel lug shot off 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							
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							

ILE00121435

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Test Date:						totals
235	123		103			698
1	3	0	2	0	0	6
0.4	2.4		1.9			0.9
293	169		50			713
16	3	0	5	0	0	30
5.5	1.8		10.0			4.2
145	10					160
0	0	0	0	0	0	0
0.0	0.0					0.0

XR-100	7400	7500	7600	7615	Rimfire	totals
			1			1
8						8

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

4						4
	2					2

ILE00121437

				1																4						
																				4						
				1																						

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

2						2
						6
	1					1

ILE001211439

CONFIDENTIAL

CONFIDENTIAL

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Summary		
	Total Test + Proof Failures	963
	Total Rejected:	53
	Overall Reject Rate:	5.50

		700 SPS	700 SPS SS	700 BDL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
Proof	Shot:	28	28	6	281	52	2	103
	Rejected:	0	0	0	0	0	0	1
	Percent:	0.0	0.0	0.0	0.0	0.0	0.0	1.0
Test	Shot:		23		282		88	180
	Rejected:	0	0	0	11	0	0	2
	Percent:		0.0		3.9		0.0	1.1
Target	Shot:				26		88	
	Rejected:	0	0	0	0	0	13	0
	Percent:				0.0		14.8	

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
AB	Action binds							
BABS	Bulge at body shoulder							
BAC	Burr at chamber				1			
BBMA	BBL-to-bolt misalignment							
BB	Bolt binds/catches				4			
BCOBS	Bolt catches on bolt stop							
BCOF	Bolt catches on follower							
BC	Blows cases							
BHR	Bolt hits receiver							
BHS	Bolt plug hits safety switch							
BLOP	Bar lock or disconnector out of position							
BLSO	Barrel lug shot off							
BPO	Bolt pulls out							
BSSM	Bolt stems shell in magazine							
BWCD	Bolt won't cam down							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

BWCFM	Bolt won't close over full magazine							
CD	Case dented							
CH	Closes hard				1			
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							
DFB	Doesn't feed back							
DFU	Doesn't feed up							
DLO	Doesn't lock open (after last shell)							
DLU	Doesn't lock-up							
DS	Dead safe							
DX	Doesn't extract							1
DXL	Doesn't extract live round							
EDS	Extractor drops shell							
ESB	Ejector sticks back							
ESCR	Empty shell catches receiver							
ESS	Extractor stems shell							

ILE00121443

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FA	Fires automatically							
FB	Follower binds							
FC	Fails to connect							
FCB	Fore-end cracked or broken							
FD	Follows-down							
FF	Fails to fire							
FFP	Flat firing pin							
FOS	Fires on safe							
FPHB	Firing pin hits bbl							
FPHI	Firing pin hits inside rim							
FPO	Floor plate opens				3			
FPOH	Floor plate opens hard							
FSR	Fires when safe is released							
FT	Follower tips							
GCSO	Gas cyl shot off							
HBL	Heavy bolt lift							
HMSC	Heading mismatch-steps on case							
HPA	High pressure ammo							
HUR	Hard under rail							
JCS	Jumps cartridge							
JM	Jumps magazine							
JO	Jars off							
LB	Light blow							
MAH	Magazine assembles hard							
MCW	Magazine capacity wrong							
MFA	Misfires (ammo)							
MFOP	Magazine follower out of position							

ILE00121444

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

ML	Magazine loose							
MLH	Magazine loads hard							
MRH	Magazine removes hard							
OH	Opens hard							
OR	Over-rides							1
PH	Pulls hard							
PSI	Proof stamp illegible							
PSM	Proof stamp missing							
RBOC	Rings and bulges on case							
RDW	(Action) release doesn't work							
RIC	Rings in chamber							
RIS	Ring in sholder							
RS	Rim srem							
SBC	Stems bottom chambers							
SBE	Stems bbl extension							
SCB	Stock cracked or broken							
SCX	Shell catches							
SHI	Short indent							
SI	Stems incline				1			
SIC	Stems in chamber							
SL	shaves lead							
SLC	Stems left side of chamber							
SMOC	Stretch marks on case							
SOR	Stem over-ride							
SP	Stems port							
SR	Shoulder rough							
SRC	Stems right side of chamber							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

SRIC	Specific rings in chamber							
SSOC	Surface scratches on case							
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				1			
HI	High							
LO	Low							
LEFT	Left							
RIGHT	Right							
DG	Doesn't Group						13	
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							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

AI-P	Assembly incompleye at proof							
BBB	Barrel bracket cracked or broken at proof							
BC-P	Blows cases at proof							
BEB-P	Barrel extension broken at proof							
BLP-P	Blanked primer at proof							
BLSO-P	Barrel lug shot off 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							
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							1

ILE00121447

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Test Date:						totals
161	51		145	105		962
0	0	0	1	0	0	2
0.0	0.0		0.7	0.0		0.2
192	43		153			961
11	2	0	0	1	0	27
5.7	4.7		0.0			2.8
172				77		363
6	0	0	0	5	0	24
3.5				6.5		6.6

XR-100	7400	7500	7600	7615	Rimfire	totals
				1		1
						1
1						5

ILE00121448

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

4						5
	2					2
						1
1						1

ILE00121449

CONFIDENTIAL

				1						3								1								
										3																

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

2						3
				1		1
				2		2
6						19
				2		2

ILE001211452

													1						1
													1						

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

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
AB	Action binds							
BABS	Bulge at body shoulder							
BAC	Burr at chamber							
BBMA	BBL-to-bolt misalignment							
BB	Bolt binds/catches							
BCOBS	Bolt catches on bolt stop							
BCOF	Bolt catches on follower							
BC	Blows cases							
BHR	Bolt hits receiver							
BHS	Bolt plug hits safety switch							
BLOP	Bar lock or disconnector out of position							
BLSO	Barrel lug shot off							
BPO	Bolt pulls out							
BSSM	Bolt stems shell in magazine							
BWCD	Bolt won't cam down							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

BWCFM	Bolt won't close over full magazine							
CD	Case dented							
CH	Closes hard							
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							
DFB	Doesn't feed back							
DFU	Doesn't feed up							
DLO	Doesn't lock open (after last shell)							
DLU	Doesn't lock-up							
DS	Dead safe							
DX	Doesn't extract							
DXL	Doesn't extract live round							
EDS	Extractor drops shell							
ESB	Ejector sticks back							
ESCR	Empty shell catches receiver							
ESS	Extractor stems shell							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FA	Fires automatically							
FB	Follower binds							
FC	Fails to connect							
FCB	Fore-end cracked or broken							
FD	Follows-down							
FF	Fails to fire							
FFP	Flat firing pin							
FOS	Fires on safe							
FPHB	Firing pin hits bbl							
FPHI	Firing pin hits inside rim							
FPO	Floor plate opens							
FPOH	Floor plate opens hard							
FSR	Fires when safe is released							
FT	Follower tips							
GCSO	Gas cyl shot off							
HBL	Heavy bolt lift							
HMSC	Heading mismatch-steps on case							
HPA	High pressure ammo							
HUR	Hard under rail							
JCS	Jumps cartridge							
JM	Jumps magazine							
JO	Jars off							
LB	Light blow							
MAH	Magazine assembles hard							
MCW	Magazine capacity wrong							
MFA	Misfires (ammo)							
MFOP	Magazine follower out of position							

ILE00121456

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

ML	Magazine loose							
MLH	Magazine loads hard							
MRH	Magazine removes hard							
OH	Opens hard							
OR	Over-rides							
PH	Pulls hard							
PSI	Proof stamp illegible							
PSM	Proof stamp missing							
RBOC	Rings and bulges on case							
RDW	(Action) release doesn't work							
RIC	Rings in chamber							
RIS	Ring in sholder							
RS	Rim srem							
SBC	Stems bottom chambers							
SBE	Stems bbl extension							
SCB	Stock cracked or broken							
SCX	Shell catches							
SHI	Short indent							
SI	Stems incline							
SIC	Stems in chamber							
SL	shaves lead							
SLC	Stems left side of chamber							
SMOC	Stretch marks on case							
SOR	Stem over-ride							
SP	Stems port							
SR	Shoulder rough							
SRC	Stems right side of chamber							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

SRIC	Specific rings in chamber							
SSOC	Surface scratches on case							
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							
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							

ILE00121458

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

AI-P	Assembly incompleye at proof							
BBB	Barrel bracket cracked or broken at proof							
BC-P	Blows cases at proof							
BEB-P	Barrel extension broken at proof							
BLP-P	Blanked primer at proof							
BLSO-P	Barrel lug shot off 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							
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							

ILE00121459

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Test Date:						totals
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

XR-100	7400	7500	7600	7615	Rimfire	totals

ILE00121460

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

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
AB	Action binds							
BABS	Bulge at body shoulder							
BAC	Burr at chamber							
BBMA	BBL-to-bolt misalignment							
BB	Bolt binds/catches							
BCOBS	Bolt catches on bolt stop							
BCOF	Bolt catches on follower							
BC	Blows cases							
BHR	Bolt hits receiver							
BHS	Bolt plug hits safety switch							
BLOP	Bar lock or disconnector out of position							
BLSO	Barrel lug shot off							
BPO	Bolt pulls out							
BSSM	Bolt stems shell in magazine							
BWCD	Bolt won't cam down							

ILE00121466

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

BWCFM	Bolt won't close over full magazine							
CD	Case dented							
CH	Closes hard							
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							
DFB	Doesn't feed back							
DFU	Doesn't feed up							
DLO	Doesn't lock open (after last shell)							
DLU	Doesn't lock-up							
DS	Dead safe							
DX	Doesn't extract							
DXL	Doesn't extract live round							
EDS	Extractor drops shell							
ESB	Ejector sticks back							
ESCR	Empty shell catches receiver							
ESS	Extractor stems shell							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FA	Fires automatically							
FB	Follower binds							
FC	Fails to connect							
FCB	Fore-end cracked or broken							
FD	Follows-down							
FF	Fails to fire							
FFP	Flat firing pin							
FOS	Fires on safe							
FPHB	Firing pin hits bbl							
FPHI	Firing pin hits inside rim							
FPO	Floor plate opens							
FPOH	Floor plate opens hard							
FSR	Fires when safe is released							
FT	Follower tips							
GCSO	Gas cyl shot off							
HBL	Heavy bolt lift							
HMSC	Heading mismatch-steps on case							
HPA	High pressure ammo							
HUR	Hard under rail							
JCS	Jumps cartridge							
JM	Jumps magazine							
JO	Jars off							
LB	Light blow							
MAH	Magazine assembles hard							
MCW	Magazine capacity wrong							
MFA	Misfires (ammo)							
MFOP	Magazine follower out of position							

ILE00121468

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

ML	Magazine loose							
MLH	Magazine loads hard							
MRH	Magazine removes hard							
OH	Opens hard							
OR	Over-rides							
PH	Pulls hard							
PSI	Proof stamp illegible							
PSM	Proof stamp missing							
RBOC	Rings and bulges on case							
RDW	(Action) release doesn't work							
RIC	Rings in chamber							
RIS	Ring in sholder							
RS	Rim srem							
SBC	Stems bottom chambers							
SBE	Stems bbl extension							
SCB	Stock cracked or broken							
SCX	Shell catches							
SHI	Short indent							
SI	Stems incline							
SIC	Stems in chamber							
SL	shaves lead							
SLC	Stems left side of chamber							
SMOC	Stretch marks on case							
SOR	Stem over-ride							
SP	Stems port							
SR	Shoulder rough							
SRC	Stems right side of chamber							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

SRIC	Specific rings in chamber							
SSOC	Surface scratches on case							
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							
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							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

AI-P	Assembly incompleye at proof							
BBB	Barrel bracket cracked or broken at proof							
BC-P	Blows cases at proof							
BEB-P	Barrel extension broken at proof							
BLP-P	Blanked primer at proof							
BLSO-P	Barrel lug shot off 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							
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							

ILE00121471

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Test Date:						totals
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

XR-100	7400	7500	7600	7615	Rimfire	totals

ILE00121472

CONFIDENTIAL

CONFIDENTIAL

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

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
AB	Action binds							
BABS	Bulge at body shoulder							
BAC	Burr at chamber							
BBMA	BBL-to-bolt misalignment							
BB	Bolt binds/catches							
BCOBS	Bolt catches on bolt stop							
BCOF	Bolt catches on follower							
BC	Blows cases							
BHR	Bolt hits receiver							
BHS	Bolt plug hits safety switch							
BLOP	Bar lock or disconnector out of position							
BLSO	Barrel lug shot off							
BPO	Bolt pulls out							
BSSM	Bolt stems shell in magazine							
BWCD	Bolt won't cam down							

ILE00121478

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

BWCFM	Bolt won't close over full magazine							
CD	Case dented							
CH	Closes hard							
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							
DFB	Doesn't feed back							
DFU	Doesn't feed up							
DLO	Doesn't lock open (after last shell)							
DLU	Doesn't lock-up							
DS	Dead safe							
DX	Doesn't extract							
DXL	Doesn't extract live round							
EDS	Extractor drops shell							
ESB	Ejector sticks back							
ESCR	Empty shell catches receiver							
ESS	Extractor stems shell							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FA	Fires automatically							
FB	Follower binds							
FC	Fails to connect							
FCB	Fore-end cracked or broken							
FD	Follows-down							
FF	Fails to fire							
FFP	Flat firing pin							
FOS	Fires on safe							
FPHB	Firing pin hits bbl							
FPHI	Firing pin hits inside rim							
FPO	Floor plate opens							
FPOH	Floor plate opens hard							
FSR	Fires when safe is released							
FT	Follower tips							
GCSO	Gas cyl shot off							
HBL	Heavy bolt lift							
HMSC	Heading mismatch-steps on case							
HPA	High pressure ammo							
HUR	Hard under rail							
JCS	Jumps cartridge							
JM	Jumps magazine							
JO	Jars off							
LB	Light blow							
MAH	Magazine assembles hard							
MCW	Magazine capacity wrong							
MFA	Misfires (ammo)							
MFOP	Magazine follower out of position							

ILE00121480

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

ML	Magazine loose							
MLH	Magazine loads hard							
MRH	Magazine removes hard							
OH	Opens hard							
OR	Over-rides							
PH	Pulls hard							
PSI	Proof stamp illegible							
PSM	Proof stamp missing							
RBOC	Rings and bulges on case							
RDW	(Action) release doesn't work							
RIC	Rings in chamber							
RIS	Ring in sholder							
RS	Rim srem							
SBC	Stems bottom chambers							
SBE	Stems bbl extension							
SCB	Stock cracked or broken							
SCX	Shell catches							
SHI	Short indent							
SI	Stems incline							
SIC	Stems in chamber							
SL	shaves lead							
SLC	Stems left side of chamber							
SMOC	Stretch marks on case							
SOR	Stem over-ride							
SP	Stems port							
SR	Shoulder rough							
SRC	Stems right side of chamber							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

SRIC	Specific rings in chamber							
SSOC	Surface scratches on case							
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							
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							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

AI-P	Assembly incompleye at proof							
BBB	Barrel bracket cracked or broken at proof							
BC-P	Blows cases at proof							
BEB-P	Barrel extension broken at proof							
BLP-P	Blanked primer at proof							
BLSO-P	Barrel lug shot off 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							
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							

ILE00121483

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Test Date:						totals
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

XR-100	7400	7500	7600	7615	Rimfire	totals

ILE00121484

CONFIDENTIAL

CONFIDENTIAL

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

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
AB	Action binds							
BABS	Bulge at body shoulder							
BAC	Burr at chamber							
BBMA	BBL-to-bolt misalignment							
BB	Bolt binds/catches							
BCOBS	Bolt catches on bolt stop							
BCOF	Bolt catches on follower							
BC	Blows cases							
BHR	Bolt hits receiver							
BHS	Bolt plug hits safety switch							
BLOP	Bar lock or disconnector out of position							
BLSO	Barrel lug shot off							
BPO	Bolt pulls out							
BSSM	Bolt stems shell in magazine							
BWCD	Bolt won't cam down							

ILE00121490

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

BWCFM	Bolt won't close over full magazine							
CD	Case dented							
CH	Closes hard							
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							
DFB	Doesn't feed back							
DFU	Doesn't feed up							
DLO	Doesn't lock open (after last shell)							
DLU	Doesn't lock-up							
DS	Dead safe							
DX	Doesn't extract							
DXL	Doesn't extract live round							
EDS	Extractor drops shell							
ESB	Ejector sticks back							
ESCR	Empty shell catches receiver							
ESS	Extractor stems shell							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FA	Fires automatically							
FB	Follower binds							
FC	Fails to connect							
FCB	Fore-end cracked or broken							
FD	Follows-down							
FF	Fails to fire							
FFP	Flat firing pin							
FOS	Fires on safe							
FPHB	Firing pin hits bbl							
FPHI	Firing pin hits inside rim							
FPO	Floor plate opens							
FPOH	Floor plate opens hard							
FSR	Fires when safe is released							
FT	Follower tips							
GCSO	Gas cyl shot off							
HBL	Heavy bolt lift							
HMSC	Heading mismatch-steps on case							
HPA	High pressure ammo							
HUR	Hard under rail							
JCS	Jumps cartridge							
JM	Jumps magazine							
JO	Jars off							
LB	Light blow							
MAH	Magazine assembles hard							
MCW	Magazine capacity wrong							
MFA	Misfires (ammo)							
MFOP	Magazine follower out of position							

ILE00121492

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

ML	Magazine loose							
MLH	Magazine loads hard							
MRH	Magazine removes hard							
OH	Opens hard							
OR	Over-rides							
PH	Pulls hard							
PSI	Proof stamp illegible							
PSM	Proof stamp missing							
RBOC	Rings and bulges on case							
RDW	(Action) release doesn't work							
RIC	Rings in chamber							
RIS	Ring in sholder							
RS	Rim srem							
SBC	Stems bottom chambers							
SBE	Stems bbl extension							
SCB	Stock cracked or broken							
SCX	Shell catches							
SHI	Short indent							
SI	Stems incline							
SIC	Stems in chamber							
SL	shaves lead							
SLC	Stems left side of chamber							
SMOC	Stretch marks on case							
SOR	Stem over-ride							
SP	Stems port							
SR	Shoulder rough							
SRC	Stems right side of chamber							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

SRIC	Specific rings in chamber							
SSOC	Surface scratches on case							
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							
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							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

AI-P	Assembly incompleye at proof							
BBB	Barrel bracket cracked or broken at proof							
BC-P	Blows cases at proof							
BEB-P	Barrel extension broken at proof							
BLP-P	Blanked primer at proof							
BLSO-P	Barrel lug shot off 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							
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							

ILE00121495

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Test Date:						totals
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

XR-100	7400	7500	7600	7615	Rimfire	totals

ILE00121496

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

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

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
AB	Action binds							
BABS	Bulge at body shoulder							
BAC	Burr at chamber							
BBMA	BBL-to-bolt misalignment							
BB	Bolt binds/catches							
BCOBS	Bolt catches on bolt stop							
BCOF	Bolt catches on follower							
BC	Blows cases							
BHR	Bolt hits receiver							
BHS	Bolt plug hits safety switch							
BLOP	Bar lock or disconnector out of position							
BLSO	Barrel lug shot off							
BPO	Bolt pulls out							
BSSM	Bolt stems shell in magazine							
BWCD	Bolt won't cam down							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

BWCFM	Bolt won't close over full magazine							
CD	Case dented							
CH	Closes hard							
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							
DFB	Doesn't feed back							
DFU	Doesn't feed up							
DLO	Doesn't lock open (after last shell)							
DLU	Doesn't lock-up							
DS	Dead safe							
DX	Doesn't extract							
DXL	Doesn't extract live round							
EDS	Extractor drops shell							
ESB	Ejector sticks back							
ESCR	Empty shell catches receiver							
ESS	Extractor stems shell							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FA	Fires automatically							
FB	Follower binds							
FC	Fails to connect							
FCB	Fore-end cracked or broken							
FD	Follows-down							
FF	Fails to fire							
FFP	Flat firing pin							
FOS	Fires on safe							
FPHB	Firing pin hits bbl							
FPHI	Firing pin hits inside rim							
FPO	Floor plate opens							
FPOH	Floor plate opens hard							
FSR	Fires when safe is released							
FT	Follower tips							
GCSO	Gas cyl shot off							
HBL	Heavy bolt lift							
HMSC	Heading mismatch-steps on case							
HPA	High pressure ammo							
HUR	Hard under rail							
JCS	Jumps cartridge							
JM	Jumps magazine							
JO	Jars off							
LB	Light blow							
MAH	Magazine assembles hard							
MCW	Magazine capacity wrong							
MFA	Misfires (ammo)							
MFOP	Magazine follower out of position							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

ML	Magazine loose							
MLH	Magazine loads hard							
MRH	Magazine removes hard							
OH	Opens hard							
OR	Over-rides							
PH	Pulls hard							
PSI	Proof stamp illegible							
PSM	Proof stamp missing							
RBOC	Rings and bulges on case							
RDW	(Action) release doesn't work							
RIC	Rings in chamber							
RIS	Ring in sholder							
RS	Rim srem							
SBC	Stems bottom chambers							
SBE	Stems bbl extension							
SCB	Stock cracked or broken							
SCX	Shell catches							
SHI	Short indent							
SI	Stems incline							
SIC	Stems in chamber							
SL	shaves lead							
SLC	Stems left side of chamber							
SMOC	Stretch marks on case							
SOR	Stem over-ride							
SP	Stems port							
SR	Shoulder rough							
SRC	Stems right side of chamber							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

SRIC	Specific rings in chamber							
SSOC	Surface scratches on case							
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							
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							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

AI-P	Assembly incompleye at proof							
BBB	Barrel bracket cracked or broken at proof							
BC-P	Blows cases at proof							
BEB-P	Barrel extension broken at proof							
BLP-P	Blanked primer at proof							
BLSO-P	Barrel lug shot off 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							
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							

ILE001211507

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Test Date:						totals
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

XR-100	7400	7500	7600	7615	Rimfire	totals

ILE00121508

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

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**	0						
	Total Rejected:	0						
	Overall Reject Rate:							
Proof	*Shot:*							
	Rejected:	0	0	0	0	0	0	0
	Percent:							
Test	*Shot:*							
	Rejected:	0	0	0	0	0	0	0
	Percent:							
Target	*Shot:*							
	Rejected:	0	0	0	0	0	0	0
	Percent:							

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
AB	Action binds							
BABS	Bulge at body shoulder							
BAC	Burr at chamber							
BBMA	BBL-to-bolt misalignment							
BB	Bolt binds/catches							
BCOBS	Bolt catches on bolt stop							
BCOF	Bolt catches on follower							
BC	Blows cases							
BHR	Bolt hits receiver							
BHS	Bolt plug hits safety switch							
BLOP	Bar lock or disconnector out of position							
BLSO	Barrel lug shot off							
BPO	Bolt pulls out							
BSSM	Bolt stems shell in magazine							
BWCD	Bolt won't cam down							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

BWCFM	Bolt won't close over full magazine							
CD	Case dented							
CH	Closes hard							
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							
DFB	Doesn't feed back							
DFU	Doesn't feed up							
DLO	Doesn't lock open (after last shell)							
DLU	Doesn't lock-up							
DS	Dead safe							
DX	Doesn't extract							
DXL	Doesn't extract live round							
EDS	Extractor drops shell							
ESB	Ejector sticks back							
ESCR	Empty shell catches receiver							
ESS	Extractor stems shell							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FA	Fires automatically							
FB	Follower binds							
FC	Fails to connect							
FCB	Fore-end cracked or broken							
FD	Follows-down							
FF	Fails to fire							
FFP	Flat firing pin							
FOS	Fires on safe							
FPHB	Firing pin hits bbl							
FPHI	Firing pin hits inside rim							
FPO	Floor plate opens							
FPOH	Floor plate opens hard							
FSR	Fires when safe is released							
FT	Follower tips							
GCSO	Gas cyl shot off							
HBL	Heavy bolt lift							
HMSC	Heading mismatch-steps on case							
HPA	High pressure ammo							
HUR	Hard under rail							
JCS	Jumps cartridge							
JM	Jumps magazine							
JO	Jars off							
LB	Light blow							
MAH	Magazine assembles hard							
MCW	Magazine capacity wrong							
MFA	Misfires (ammo)							
MFOP	Magazine follower out of position							

ILE00121516

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

ML	Magazine loose							
MLH	Magazine loads hard							
MRH	Magazine removes hard							
OH	Opens hard							
OR	Over-rides							
PH	Pulls hard							
PSI	Proof stamp illegible							
PSM	Proof stamp missing							
RBOC	Rings and bulges on case							
RDW	(Action) release doesn't work							
RIC	Rings in chamber							
RIS	Ring in sholder							
RS	Rim srem							
SBC	Stems bottom chambers							
SBE	Stems bbl extension							
SCB	Stock cracked or broken							
SCX	Shell catches							
SHI	Short indent							
SI	Stems incline							
SIC	Stems in chamber							
SL	shaves lead							
SLC	Stems left side of chamber							
SMOC	Stretch marks on case							
SOR	Stem over-ride							
SP	Stems port							
SR	Shoulder rough							
SRC	Stems right side of chamber							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

SRIC	Specific rings in chamber							
SSOC	Surface scratches on case							
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							
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							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

AI-P	Assembly incompleye at proof							
BBB	Barrel bracket cracked or broken at proof							
BC-P	Blows cases at proof							
BEB-P	Barrel extension broken at proof							
BLP-P	Blanked primer at proof							
BLSO-P	Barrel lug shot off 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							
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							

ILE00121519

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Test Date:						totals
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

XR-100	7400	7500	7600	7615	Rimfire	totals

ILE00121520

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

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*	*0*
	Total Rejected:	*0*
	Overall Reject Rate:	

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

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
AB	Action binds							
BABS	Bulge at body shoulder							
BAC	Burr at chamber							
BBMA	BBL-to-bolt misalignment							
BB	Bolt binds/catches							
BCOBS	Bolt catches on bolt stop							
BCOF	Bolt catches on follower							
BC	Blows cases							
BHR	Bolt hits receiver							
BHS	Bolt plug hits safety switch							
BLOP	Bar lock or disconnector out of position							
BLSO	Barrel lug shot off							
BPO	Bolt pulls out							
BSSM	Bolt stems shell in magazine							
BWCD	Bolt won't cam down							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

BWCFM	Bolt won't close over full magazine							
CD	Case dented							
CH	Closes hard							
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							
DFB	Doesn't feed back							
DFU	Doesn't feed up							
DLO	Doesn't lock open (after last shell)							
DLU	Doesn't lock-up							
DS	Dead safe							
DX	Doesn't extract							
DXL	Doesn't extract live round							
EDS	Extractor drops shell							
ESB	Ejector sticks back							
ESCR	Empty shell catches receiver							
ESS	Extractor stems shell							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FA	Fires automatically							
FB	Follower binds							
FC	Fails to connect							
FCB	Fore-end cracked or broken							
FD	Follows-down							
FF	Fails to fire							
FFP	Flat firing pin							
FOS	Fires on safe							
FPHB	Firing pin hits bbl							
FPHI	Firing pin hits inside rim							
FPO	Floor plate opens							
FPOH	Floor plate opens hard							
FSR	Fires when safe is released							
FT	Follower tips							
GCSO	Gas cyl shot off							
HBL	Heavy bolt lift							
HMSC	Heading mismatch-steps on case							
HPA	High pressure ammo							
HUR	Hard under rail							
JCS	Jumps cartridge							
JM	Jumps magazine							
JO	Jars off							
LB	Light blow							
MAH	Magazine assembles hard							
MCW	Magazine capacity wrong							
MFA	Misfires (ammo)							
MFOP	Magazine follower out of position							

ILE00121528

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

ML	Magazine loose							
MLH	Magazine loads hard							
MRH	Magazine removes hard							
OH	Opens hard							
OR	Over-rides							
PH	Pulls hard							
PSI	Proof stamp illegible							
PSM	Proof stamp missing							
RBOC	Rings and bulges on case							
RDW	(Action) release doesn't work							
RIC	Rings in chamber							
RIS	Ring in sholder							
RS	Rim srem							
SBC	Stems bottom chambers							
SBE	Stems bbl extension							
SCB	Stock cracked or broken							
SCX	Shell catches							
SHI	Short indent							
SI	Stems incline							
SIC	Stems in chamber							
SL	shaves lead							
SLC	Stems left side of chamber							
SMOC	Stretch marks on case							
SOR	Stem over-ride							
SP	Stems port							
SR	Shoulder rough							
SRC	Stems right side of chamber							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

SRIC	Specific rings in chamber							
SSOC	Surface scratches on case							
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							
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							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

AI-P	Assembly incompleye at proof							
BBB	Barrel bracket cracked or broken at proof							
BC-P	Blows cases at proof							
BEB-P	Barrel extension broken at proof							
BLP-P	Blanked primer at proof							
BLSO-P	Barrel lug shot off 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							
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							

ILE00121531

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Test Date:						totals
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

XR-100	7400	7500	7600	7615	Rimfire	totals

ILE001215322

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

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

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
AB	Action binds							
BABS	Bulge at body shoulder							
BAC	Burr at chamber							
BBMA	BBL-to-bolt misalignment							
BB	Bolt binds/catches							
BCOBS	Bolt catches on bolt stop							
BCOF	Bolt catches on follower							
BC	Blows cases							
BHR	Bolt hits receiver							
BHS	Bolt plug hits safety switch							
BLOP	Bar lock or disconnector out of position							
BLSO	Barrel lug shot off							
BPO	Bolt pulls out							
BSSM	Bolt stems shell in magazine							
BWCD	Bolt won't cam down							

ILE00121538

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

BWCFM	Bolt won't close over full magazine							
CD	Case dented							
CH	Closes hard							
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							
DFB	Doesn't feed back							
DFU	Doesn't feed up							
DLO	Doesn't lock open (after last shell)							
DLU	Doesn't lock-up							
DS	Dead safe							
DX	Doesn't extract							
DXL	Doesn't extract live round							
EDS	Extractor drops shell							
ESB	Ejector sticks back							
ESCR	Empty shell catches receiver							
ESS	Extractor stems shell							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FA	Fires automatically							
FB	Follower binds							
FC	Fails to connect							
FCB	Fore-end cracked or broken							
FD	Follows-down							
FF	Fails to fire							
FFP	Flat firing pin							
FOS	Fires on safe							
FPHB	Firing pin hits bbl							
FPHI	Firing pin hits inside rim							
FPO	Floor plate opens							
FPOH	Floor plate opens hard							
FSR	Fires when safe is released							
FT	Follower tips							
GCSO	Gas cyl shot off							
HBL	Heavy bolt lift							
HMSC	Heading mismatch-steps on case							
HPA	High pressure ammo							
HUR	Hard under rail							
JCS	Jumps cartridge							
JM	Jumps magazine							
JO	Jars off							
LB	Light blow							
MAH	Magazine assembles hard							
MCW	Magazine capacity wrong							
MFA	Misfires (ammo)							
MFOP	Magazine follower out of position							

ILE00121540

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

ML	Magazine loose							
MLH	Magazine loads hard							
MRH	Magazine removes hard							
OH	Opens hard							
OR	Over-rides							
PH	Pulls hard							
PSI	Proof stamp illegible							
PSM	Proof stamp missing							
RBOC	Rings and bulges on case							
RDW	(Action) release doesn't work							
RIC	Rings in chamber							
RIS	Ring in sholder							
RS	Rim srem							
SBC	Stems bottom chambers							
SBE	Stems bbl extension							
SCB	Stock cracked or broken							
SCX	Shell catches							
SHI	Short indent							
SI	Stems incline							
SIC	Stems in chamber							
SL	shaves lead							
SLC	Stems left side of chamber							
SMOC	Stretch marks on case							
SOR	Stem over-ride							
SP	Stems port							
SR	Shoulder rough							
SRC	Stems right side of chamber							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

SRIC	Specific rings in chamber							
SSOC	Surface scratches on case							
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							
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							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

AI-P	Assembly incompleye at proof							
BBB	Barrel bracket cracked or broken at proof							
BC-P	Blows cases at proof							
BEB-P	Barrel extension broken at proof							
BLP-P	Blanked primer at proof							
BLSO-P	Barrel lug shot off 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							
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							

ILE00121543

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Test Date:						totals
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

XR-100	7400	7500	7600	7615	Rimfire	totals

ILE00121544

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

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

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
AB	Action binds							
BABS	Bulge at body shoulder							
BAC	Burr at chamber							
BBMA	BBL-to-bolt misalignment							
BB	Bolt binds/catches							
BCOBS	Bolt catches on bolt stop							
BCOF	Bolt catches on follower							
BC	Blows cases							
BHR	Bolt hits receiver							
BHS	Bolt plug hits safety switch							
BLOP	Bar lock or disconnector out of position							
BLSO	Barrel lug shot off							
BPO	Bolt pulls out							
BSSM	Bolt stems shell in magazine							
BWCD	Bolt won't cam down							

ILE00121550

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

BWCFM	Bolt won't close over full magazine							
CD	Case dented							
CH	Closes hard							
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							
DFB	Doesn't feed back							
DFU	Doesn't feed up							
DLO	Doesn't lock open (after last shell)							
DLU	Doesn't lock-up							
DS	Dead safe							
DX	Doesn't extract							
DXL	Doesn't extract live round							
EDS	Extractor drops shell							
ESB	Ejector sticks back							
ESCR	Empty shell catches receiver							
ESS	Extractor stems shell							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FA	Fires automatically							
FB	Follower binds							
FC	Fails to connect							
FCB	Fore-end cracked or broken							
FD	Follows-down							
FF	Fails to fire							
FFP	Flat firing pin							
FOS	Fires on safe							
FPHB	Firing pin hits bbl							
FPHI	Firing pin hits inside rim							
FPO	Floor plate opens							
FPOH	Floor plate opens hard							
FSR	Fires when safe is released							
FT	Follower tips							
GCSO	Gas cyl shot off							
HBL	Heavy bolt lift							
HMSC	Heading mismatch-steps on case							
HPA	High pressure ammo							
HUR	Hard under rail							
JCS	Jumps cartridge							
JM	Jumps magazine							
JO	Jars off							
LB	Light blow							
MAH	Magazine assembles hard							
MCW	Magazine capacity wrong							
MFA	Misfires (ammo)							
MFOP	Magazine follower out of position							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

ML	Magazine loose							
MLH	Magazine loads hard							
MRH	Magazine removes hard							
OH	Opens hard							
OR	Over-rides							
PH	Pulls hard							
PSI	Proof stamp illegible							
PSM	Proof stamp missing							
RBOC	Rings and bulges on case							
RDW	(Action) release doesn't work							
RIC	Rings in chamber							
RIS	Ring in sholder							
RS	Rim srem							
SBC	Stems bottom chambers							
SBE	Stems bbl extension							
SCB	Stock cracked or broken							
SCX	Shell catches							
SHI	Short indent							
SI	Stems incline							
SIC	Stems in chamber							
SL	shaves lead							
SLC	Stems left side of chamber							
SMOC	Stretch marks on case							
SOR	Stem over-ride							
SP	Stems port							
SR	Shoulder rough							
SRC	Stems right side of chamber							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

SRIC	Specific rings in chamber							
SSOC	Surface scratches on case							
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							
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							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

AI-P	Assembly incompleye at proof							
BBB	Barrel bracket cracked or broken at proof							
BC-P	Blows cases at proof							
BEB-P	Barrel extension broken at proof							
BLP-P	Blanked primer at proof							
BLSO-P	Barrel lug shot off 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							
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							

ILE00121555

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Test Date:						totals
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

XR-100	7400	7500	7600	7615	Rimfire	totals

ILE00121556

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

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

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
AB	Action binds							
BABS	Bulge at body shoulder							
BAC	Burr at chamber							
BBMA	BBL-to-bolt misalignment							
BB	Bolt binds/catches							
BCOBS	Bolt catches on bolt stop							
BCOF	Bolt catches on follower							
BC	Blows cases							
BHR	Bolt hits receiver							
BHS	Bolt plug hits safety switch							
BLOP	Bar lock or disconnector out of position							
BLSO	Barrel lug shot off							
BPO	Bolt pulls out							
BSSM	Bolt stems shell in magazine							
BWCD	Bolt won't cam down							

ILE001215621

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

BWCFM	Bolt won't close over full magazine							
CD	Case dented							
CH	Closes hard							
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							
DFB	Doesn't feed back							
DFU	Doesn't feed up							
DLO	Doesn't lock open (after last shell)							
DLU	Doesn't lock-up							
DS	Dead safe							
DX	Doesn't extract							
DXL	Doesn't extract live round							
EDS	Extractor drops shell							
ESB	Ejector sticks back							
ESCR	Empty shell catches receiver							
ESS	Extractor stems shell							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FA	Fires automatically							
FB	Follower binds							
FC	Fails to connect							
FCB	Fore-end cracked or broken							
FD	Follows-down							
FF	Fails to fire							
FFP	Flat firing pin							
FOS	Fires on safe							
FPHB	Firing pin hits bbl							
FPHI	Firing pin hits inside rim							
FPO	Floor plate opens							
FPOH	Floor plate opens hard							
FSR	Fires when safe is released							
FT	Follower tips							
GCSO	Gas cyl shot off							
HBL	Heavy bolt lift							
HMSC	Heading mismatch-steps on case							
HPA	High pressure ammo							
HUR	Hard under rail							
JCS	Jumps cartridge							
JM	Jumps magazine							
JO	Jars off							
LB	Light blow							
MAH	Magazine assembles hard							
MCW	Magazine capacity wrong							
MFA	Misfires (ammo)							
MFOP	Magazine follower out of position							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

ML	Magazine loose							
MLH	Magazine loads hard							
MRH	Magazine removes hard							
OH	Opens hard							
OR	Over-rides							
PH	Pulls hard							
PSI	Proof stamp illegible							
PSM	Proof stamp missing							
RBOC	Rings and bulges on case							
RDW	(Action) release doesn't work							
RIC	Rings in chamber							
RIS	Ring in sholder							
RS	Rim srem							
SBC	Stems bottom chambers							
SBE	Stems bbl extension							
SCB	Stock cracked or broken							
SCX	Shell catches							
SHI	Short indent							
SI	Stems incline							
SIC	Stems in chamber							
SL	shaves lead							
SLC	Stems left side of chamber							
SMOC	Stretch marks on case							
SOR	Stem over-ride							
SP	Stems port							
SR	Shoulder rough							
SRC	Stems right side of chamber							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

SRIC	Specific rings in chamber							
SSOC	Surface scratches on case							
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							
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							

ILE00121566

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

AI-P	Assembly incompleye at proof							
BBB	Barrel bracket cracked or broken at proof							
BC-P	Blows cases at proof							
BEB-P	Barrel extension broken at proof							
BLP-P	Blanked primer at proof							
BLSO-P	Barrel lug shot off 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							
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							

ILE00121567

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Test Date:						totals
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

XR-100	7400	7500	7600	7615	Rimfire	totals

ILE00121568

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

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
AB	Action binds							
BABS	Bulge at body shoulder							
BAC	Burr at chamber							
BBMA	BBL-to-bolt misalignment							
BB	Bolt binds/catches							
BCOBS	Bolt catches on bolt stop							
BCOF	Bolt catches on follower							
BC	Blows cases							
BHR	Bolt hits receiver							
BHS	Bolt plug hits safety switch							
BLOP	Bar lock or disconnector out of position							
BLSO	Barrel lug shot off							
BPO	Bolt pulls out							
BSSM	Bolt stems shell in magazine							
BWCD	Bolt won't cam down							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
BWCFM	Bolt won't close over full magazine							
CD	Case dented							
CH	Closes hard							
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							
DFB	Doesn't feed back							
DFU	Doesn't feed up							
DLO	Doesn't lock open (after last shell)							
DLU	Doesn't lock-up							
DS	Dead safe							
DX	Doesn't extract							
DXL	Doesn't extract live round							
EDS	Extractor drops shell							
ESB	Ejector sticks back							
ESCR	Empty shell catches receiver							

ILE00121575

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
ESS	Extractor stems shell							
FA	Fires automatically							
FB	Follower binds							
FC	Fails to connect							
FCB	Fore-end cracked or broken							
FD	Follows-down							
FF	Fails to fire							
FFP	Flat firing pin							
FOS	Fires on safe							
FPHB	Firing pin hits bbl							
FPHI	Firing pin hits inside rim							
FPO	Floor plate opens							
FPOH	Floor plate opens hard							
FSR	Fires when safe is released							
FT	Follower tips							
GCSO	Gas cyl shot off							
HBL	Heavy bolt lift							
HMSC	Heading mismatch-steps on case							
HPA	High pressure ammo							
HUR	Hard under rail							
JCS	Jumps cartridge							
JM	Jumps magazine							
JO	Jars off							
LB	Light blow							
MAH	Magazine assembles hard							
MCW	Magazine capacity wrong							

ILE00121576

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
MFA	Misfires (ammo)							
MFOP	Magazine follower out of position							
ML	Magazine loose							
MLH	Magazine loads hard							
MRH	Magazine removes hard							
OH	Opens hard							
OR	Over-rides							
PH	Pulls hard							
PSI	Proof stamp illegible							
PSM	Proof stamp missing							
RBOC	Rings and bulges on case							
RDW	(Action) release doesn't work							
RIC	Rings in chamber							
RIS	Ring in sholder							
RS	Rim srem							
SBC	Stems bottom chambers							
SBE	Stems bbl extension							
SCB	Stock cracked or broken							
SCX	Shell catches							
SHI	Short indent							
SI	Stems incline							
SIC	Stems in chamber							
SL	shaves lead							
SLC	Stems left side of chamber							
SMOC	Stretch marks on case							
SOR	Stem over-ride							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
SP	Stems port							
SR	Shoulder rough							
SRC	Stems right side of chamber							
SRIC	Specific rings in chamber							
SSOC	Surface scratches on case							
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							
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							

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

CODE	MALFUNCTION INDEX	700 SPS	700 SPS SS	700 BDL & ADL	700 SS	700 CDL	700 POLICE	MODEL 7
RSTL	Rear sight loose							
MGPT-G	Missing parts at target							
UNCN-G	Uncoded nonconformity at target							
AI-P	Assembly incompleye at proof							
BBB	Barrel bracket cracked or broken at proof							
BC-P	Blows cases at proof							
BEB-P	Barrel extension broken at proof							
BLP-P	Blanked primer at proof							
BLSO-P	Barrel lug shot off 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							
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							

ILE00121579

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Test Date:						totals
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

XR-100	7400	7500	7600	7615	Rimfire	totals

ILE00121580

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

XR-100	7400	7500	7600	7615	Rimfire	totals

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

XR-100	7400	7500	7600	7615	Rimfire	totals

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

XR-100	7400	7500	7600	7615	Rimfire	totals

ILE001215833

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

XR-100	7400	7500	7600	7615	Rimfire	totals

ILE00121584

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

XR-100	7400	7500	7600	7615	Rimfire	totals

ILE00121585