Subject to Protective Order: Williams v. Remington

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Summary		
	Total Test + Proof Failures	8119
	Total Rejected:	370
	Overall Reject Rate:	4.56

		1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga
Proof	Shot:	452	161	457	27		24	233	142	3907
	Rejected:	0	0	1	0	0	0	0	0	1
	Percent:	0.0	0.0	0.2	0.0		0.0	0.0	0.0	0.0
Test	Shot:	598	115	497	24		67	231	92	3907
	Rejected:	220	29	8	0	0	10	5	35	20
	Percent:	36.8	25.2	1.6	0.0		14.9	2.2	38.0	0.5
Target	Shot:			10	10		226			
	Rejected:	0	0	0	0	0	0	0	0	0
	Percent:			0.0	0.0		0.0			

CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga
AB	Action binds	4		2						3
ASFB	Action spring follower binds									
BABS	Bulge at body shoulder									
BAC	Burr at chamber									
BB	Bolt binds/catches									
BCOE	Bolt catches on ejector									
BC	Blows cases									
BLOP	Bar lock or disconnector out of position	1								2
BSCO	Barrel support came out									
CBS-F	Shells catch on bbl support-feeding									
CBS-L	Shells catch on bbl support-loading									
CC	Carrier catches on shells,mag,receiver	5								2
CD	Case dented									
CH	Closes hard									
CHAB	Carrier hits action bar									
CLM	Can't laod magazine									
CO	Cut-off									
CR	Cuts rim									
CS	Cases swell									

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CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga
CTOG	Chamber torn or gouged									
CTP	Creepy trigger pull									
CWSB	Cams wrong side of action bar									
DBB	Doesn't blow back	16	1	1			1	1	2	
DCS	Double click in safety switch									
DCT	Double click in trigger									
DCU	Doesn't close up									
DE	Doesn't eject	7							1	
DEL	Doesn't eject live round									
DFU	Doesn't feed up	29		1						
DLO	Doesn't lock open (after last shell)	10								
DLU	Doesn't lock-up							1		
DS	Dead safe									
DSM	Drops shell-magazine	7	1							
DTL	Doesn't trip latch	2								
DX	Doesn't extract	1								
DXL	Doesn't extract live round									
EDS	Extractor drops shell							1	7	
ESB	Ejector sticks back									
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	1								1
FFM	Fails to feed from magazine	8	1				5		1	3
FFP	Flat firing pin									
FOS	Fires on safe									
FSR	Fires when safe is released									

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CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga
GCSO	Gas cyl shot off									
GRSO	Guide ring shot off									2
HPA	High pressure ammo									
HUE	Hard under extractor	9								
ILOP	Int. latch out of position								1	
ILRM	Int. latch ret. Missing									
ILSB	Int. latch stud broken									
ILSP	Int. latch spring out of position									
JL	Jumps latch	17	21					1	1	
JO	Jars off									
LB	Light blow									
MCSO	Magazine cap shot off									
MCW	Magazine capacity wrong	2		1						
MFA	Misfires (ammo)									
MFOP	Magazine follower out of position									
MLH	Magazine loads hard			1				1		
OH	Opens hard									
PH	Pulls hard									
PSI	Proof stamp illegible									
PSM	Proof stamp missing									
RBOC	Rings and bulges on case									
RDW	(Action) release doesn't work	3					2			1
RIC	Rings in chamber									
SBC	Stems bottom chambers	68							2	
SBCL	Shell binds carrier latch									
SBE	Stems bbl extension									
SCB	Stock cracked or broken									6
SCX	Shell catches									
SHI	Short indent									
SIC	Stems in chamber		2							

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CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga
SL	shaves lead									
SLC	Stems left side of chamber	25							10	
SMOC	Stretch marks on case									
SRC	Stems right side of chamber								8	
SRIC	Specific rings in chamber	2								
SSC	shell stems carrier	1								
STC	Stems top chamber		2	2			2		2	
SWE	Safety switch works too easily									
SWH	Safety switch works too hard									
SWW	Safety ewitxh won't work									
TD	Tips down									
TU	Tips up									
TWP	Trigger won't pull									
TWR	Trigger won't retract									
UNCN-T	Uncoded	2	1							
XH	Extracts hard									
XHB	Extractor hits bbl									
HI	High									
LO	Low									
LEFT	Left									
RIGHT	Right									
DG	Doesn't Group									
FSST	Front sight tipped									
RSTT	Rear sight tipped									
RSBR	Rear sight base raised									
FSTR	Front sight raised									
FSTL	Front sight loose									
RSTL	Rear sight loose									
MGPT-G	Missing parts at target									

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CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga
UNCN-G	Uncoded nonconformity at target									
AI-P	Assembly incompleye at proof									
BC-P	Blows cases at proof									
BEB-P	Barrel extension broken at proof									
BLP-P	Blanked primer at proof									
BP-P	Blown primer at proof									
BS-P	Barrel split at proof									
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						1
GCSO-P	Gas cylinder shot off at proof									
GRSO-P	Guide ring shot off at proof									
MCSO-P	Magazine cap shot off at proof									
MSI-P	Magnaflux stamp illegible on bbl									
MSM-P	Magnaflux stamp missing on bbl									
PP-P	Pierced primer at proof									
SCB-P	Stock cracked or broken at proof									
UNCM-P	Uncoded proof malfunctions									

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Month:							total	Auto Total	Pump Total
113	737		1203		567		8023	1496	5960
0	0	0	6	0	0	0	8	1	7
0.0	0.0		0.5		0.0		0.100	0.067	0.117
113	737		1203		527		8111	1624	5960
0	1	0	1	0	3	0	332	307	22
0.0	0.1		0.1		0.6		4.09	18.90	0.37
					347	57	650	246	0
0	0	0	0	0	30	0	30	0	0
					8.6	0.0	4.62	0.00	#DIV/0!

870 16Ga	870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U	total	Auto Total	Pump Total
	1		1		1		12	6	5
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							3	1	2
							0	0	0
							0	0	0
							0	0	0
							7	5	2
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0

ILE00092673

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870 16Ga	870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U	total	Auto Total	Pump Total
							0	0	0
							0	0	0
							0	0	0
							22	22	0
							0	0	0
							0	0	0
							0	0	0
							8	8	0
							0	0	0
							30	30	0
							10	10	0
							1	1	0
							0	0	0
							8	8	0
							2	2	0
							1	1	0
							0	0	0
							8	8	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							2	1	1
					1		19	15	3
							0	0	0
							0	0	0
							0	0	0

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870 16Ga	870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U	total	Auto Total	Pump Total
							0	0	0
							2	0	2
							0	0	0
							9	9	0
							1	1	0
							0	0	0
							0	0	0
							0	0	0
							40	40	0
							0	0	0
							0	0	0
							0	0	0
					1		4	3	0
							0	0	0
							0	0	0
							2	2	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							6	5	1
							0	0	0
							70	70	0
								0	0
							0	0	0
							6	0	6
							0	0	0
							0	0	0
							2	2	0

ILE00092675

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870 16Ga	870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U	total	Auto Total	Pump Total
							0	0	0
							35	35	0
							0	0	0
							8	8	0
							2	2	0
							1	1	0
							8	8	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							3	3	0
							0	0	0
							0	0	0
									0
					27		27	0	0
					3		3	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0

ILE0009267

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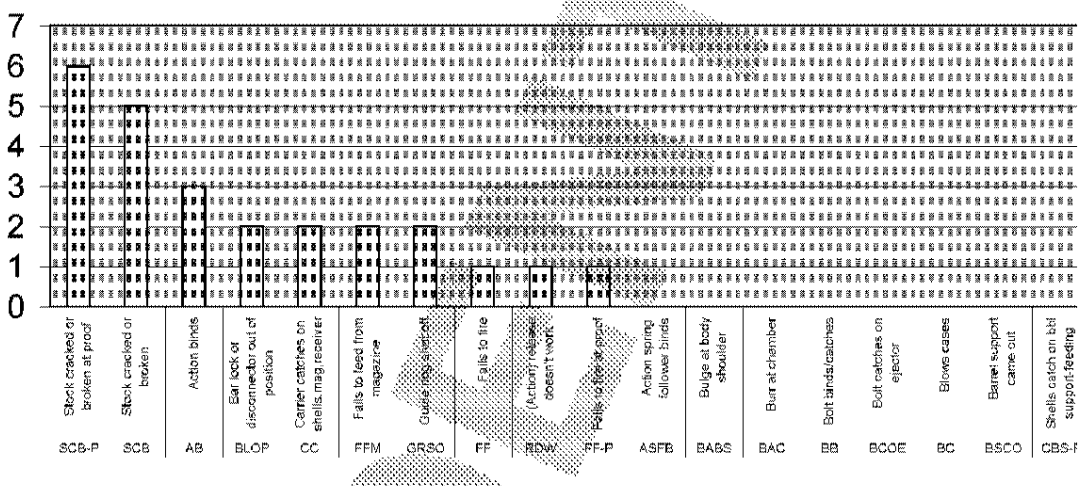
870 16Ga	870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U	total	Auto Total	Pump Total
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							2	1	1
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
							0	0	0
			6				6	0	6
							0	0	0

ILE00092677

Gallery Top Faults for Pump Shotguns - Current month through:

8/13/06



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hrough:

BSCO	Barrel support came out
CBS-F	Shells catch on bbl support-feeding
CBS-L	Shells catch on bbl support-loading
CD	Case dented

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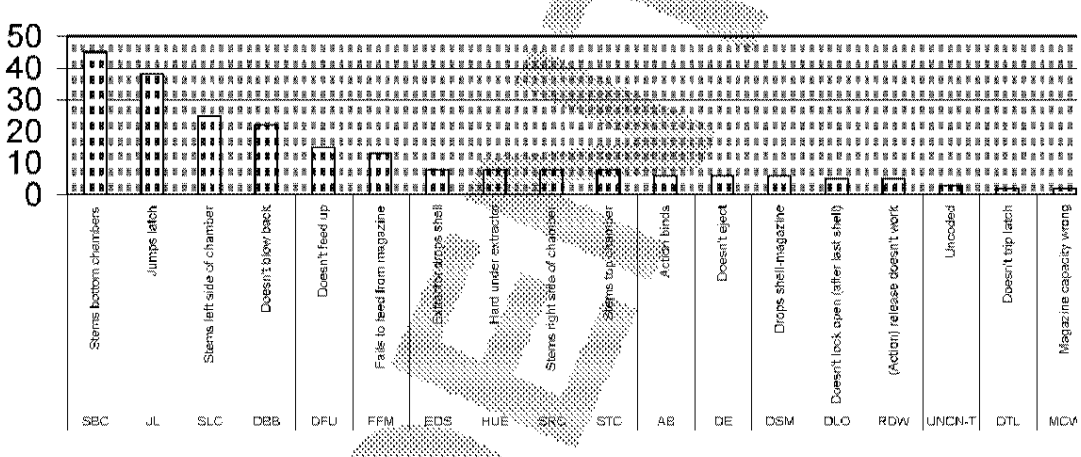
Subject to Protective Order - Williams v. Remington

Gallery Top Faults for Autoloading Shotguns - Current month through:

8/13/06



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month

J-T	DTL	Doesn't trip latch
	MCW	Magazine capacity wrong
	MLH	Magazine loads hard
	SIC	Stems in chamber

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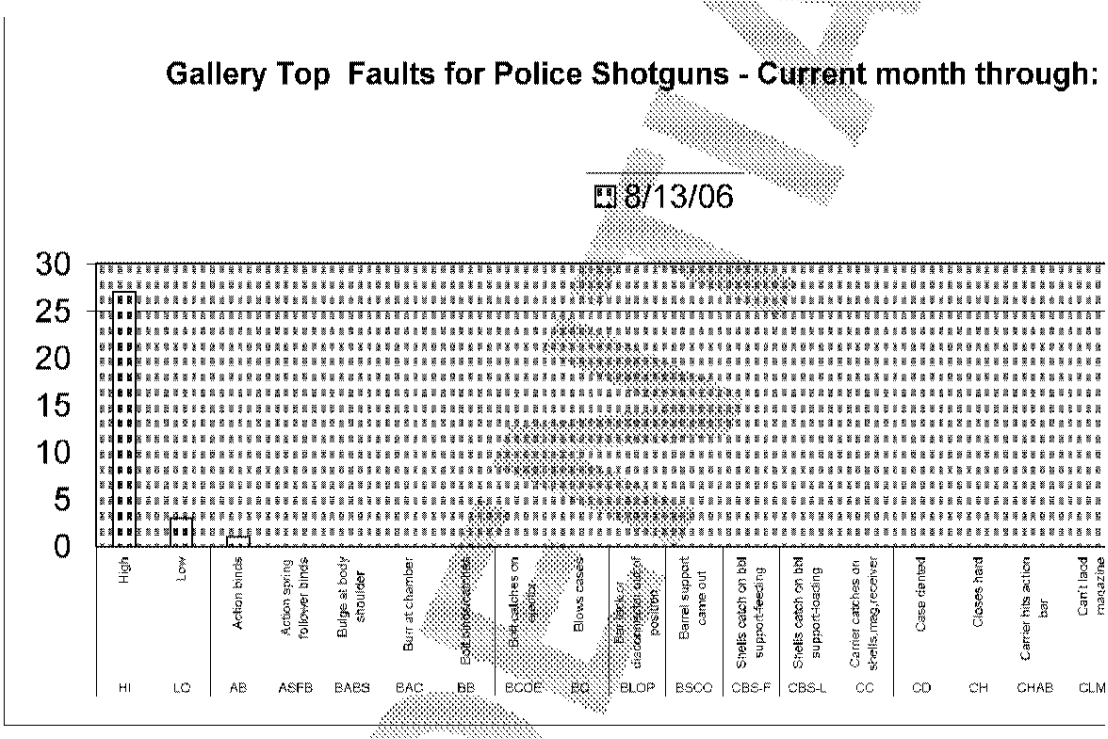

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hrough:

CHAB	Carrier hits action bar
CLM	Can't load magazine
CO	Cut-off
CR	Cuts rim

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8/13/06

SCB-P	Stock cracked or broken at proof	6
SCB	Stock cracked or broken	5
AB	Action binds	3
BLOP	Bar lock or disconnector out of position	2
CC	Carrier catches on shells,mag,receiver	2
FFM	Fails to feed from magazine	2
GRSO	Guide ring shot off	2
FF	Fails to fire	1
RDW	(Action) release doesn't work	1
FF-P	Fails to fire at proof	1
ASFB	Action spring follower binds	0
BABS	Bulge at body shoulder	0
BAC	Burr at chamber	0
BB	Bolt binds/catches	0
BCOE	Bolt catches on ejector	0
BC	Blows cases	0
BSCO	Barrel support came out	0
CBS-F	Shells catch on bbl support-feeding	0
CBS-L	Shells catch on bbl support-loading	0
CD	Case dented	0
CH	Closes hard	0
CHAB	Carrier hits action bar	0
CLM	Can't laod magazine	0
CO	Cut-off	0
CR	Cuts rim	0
CS	Cases swell	0
CTOG	Chamber torn or gouged	0
CTP	Creepy trigger pull	0
CWSB	Cams wrong side of action bar	0
DBB	Doesn't blow back	0
DCS	Double click in safety switch	0
DCT	Double click in trigger	0
DCU	Doesn't close-up	0
DE	Doesn't eject	0
DEL	Doesn't eject live round	0
DFU	Doesn't feed up	0
DLO	Doesn't lock open (after last shell)	0
DLU	Doesn't lock-up	0
DS	Dead safe	0
DSM	Drops shell-magazine	0
DTL	Doesn't trip latch	0
DX	Doesn't extract	0
DXL	Doesn't extract live round	0
EDS	Extractor drops shell	0
ESB	Ejector sticks back	0
ESS	Extractor stems shell	0
FA	Fires automatically	0
FB	Follower binds	0
FC	Fails to connect	0
FCB	Fore-end cracked or broken	0
FD	Follows-down	0

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

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

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SBC	Stems bottom chambers	45
JL	Jumps latch	38
SLC	Stems left side of chamber	25
DBB	Doesn't blow back	22
DFU	Doesn't feed up	15
FFM	Fails to feed from magazine	13
EDS	Extractor drops shell	8
HUE	Hard under extractor	8
SRC	Stems right side of chamber	6
STC	Stems top chamber	8
AB	Action binds	6
DE	Doesn't eject	6
DSM	Drops shell-magazine	6
DLO	Doesn't lock open (after last shell)	5
RDW	(Action) release doesn't work	5
UNCN-T	Uncoded	3
DTL	Doesn't trip latch	2
MCW	Magazine capacity wrong	2
MLH	Magazine loads hard	2
SIC	Stems in chamber	2
SRIC	Specific rings in chamber	2
BLOP	Bar lock or disconnector out of position	1
CC	Carrier catches on shells,mag,receiver	1
DLU	Doesn't lock-up	1
DX	Doesn't extract	1
FF	Fails to fire	1
ILOP	Int. latch out of position	1
SSC	shell stems carrier	1
FF-P	Fails to fire at proof	1
ASFB	Action spring follower binds	0
BABS	Bulge at body shoulder	0
BAC	Burr at chamber	0
BB	Bolt binds/catches	0
BCOE	Bolt catches on ejector	0
BC	Blows cases	0
BSCO	Barrel support came out	0
CBS-F	Shells catch on bbl support-feeding	0
CBS-L	Shells catch on bbl support-loading	0
CD	Case dented	0
CH	Closes hard	0
CHAB	Carrier hits action bar	0
CLM	Can't laod magazine	0
CO	Cut-off	0
CR	Cuts rim	0
CS	Cases swell	0
CTOG	Chamber torn or gouged	0
CTP	Creepy trigger pull	0
CWSB	Cams wrong side of action bar	0
DCS	Double click in safety switch	0
DCT	Double click in trigger	0
DCU	Doesn't close-up	0

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DEL	Doesn't eject live round	0
DS	Dead safe	0
DXL	Doesn't extract live round	0
ESB	Ejector sticks back	0
ESS	Extractor stems shell	0
FA	Fires automatically	0
FB	Follower binds	0
FC	Fails to connect	0
FCB	Fore-end cracked or broken	0
FD	Follows-down	0
FFP	Flat firing pin	0
FOS	Fires on safe	0
FSR	Fires when safe is released	0
GCSO	Gas cyl shot off	0
GRSO	Guide ring shot off	0
HPA	High pressure ammo	0
ILRM	Int. latch ret. Missing	0
ILSB	Int. latch stud broken	0
ILSP	Int. latch spring out of position	0
JO	Jars off	0
LB	Light blow	0
MCSO	Magazine cap shot off	0
MFA	Misfires (ammo)	0
MFOP	Magazine follower out of position	0
OH	Opens hard	0
PH	Pulls hard	0
PSI	Proof stamp illegible	0
PSM	Proof stamp missing	0
RBOC	Rings and bulges on case	0
RIC	Rings in chamber	0
SBCL	Shell binds carrier latch	0
SBE	Stems bbl extension	0
SCB	Stock cracked or broken	0
SCX	Shell catches	0
SHI	Short indent	0
SL	shaves lead	0
SMOC	Stretch marks on case	0
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
XH	Extracts hard	0
XHB	Extractor hits bbl	0
HI	High	0
LO	Low	0
LEFT	Left	0
RIGHT	Right	0
DG	Doesn't Group	0

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

CONFIDENTIAL

HI	High	27
LO	Low	3
AB	Action binds	1
ASFB	Action spring follower binds	0
BABS	Bulge at body shoulder	0
BAC	Burr at chamber	0
BB	Bolt binds/catches	0
BCOE	Bolt catches on ejector	0
BC	Blows cases	0
BLOP	Bar lock or disconnector out of position	0
BSCO	Barrel support came out	0
CBS-F	Shells catch on bbl support-feeding	0
CBS-L	Shells catch on bbl support-loading	0
CC	Carrier catches on shells,mag,receiver	0
CD	Case dented	0
CH	Closes hard	0
CHAB	Carrier hits action bar	0
CLM	Can't laod magazine	0
CO	Cut-off	0
CR	Cuts rim	0
CS	Cases swell	0
CTOG	Chamber torn or gouged	0
CTP	Creepy trigger pull	0
CWSB	Cams wrong side of action bar	0
DBB	Doesn't blow back	0
DCS	Double click in safety switch	0
DCT	Double click in trigger	0
DCU	Doesn't close-up	0
DE	Doesn't eject	0
DEL	Doesn't eject live round	0
DFU	Doesn't feed up	0
DLO	Doesn't lock open (after last shell)	0
DLU	Doesn't lock-up	0
DS	Dead safe	0
DSM	Drops shell-magazine	0
DTL	Doesn't trip latch	0
DX	Doesn't extract	0
DXL	Doesn't extract live round	0
EDS	Extractor drops shell	0
ESB	Ejector sticks back	0
ESS	Extractor stems shell	0
FA	Fires automatically	0
FB	Follower binds	0
FC	Fails to connect	0
FCB	Fore-end cracked or broken	0
FD	Follows-down	0
FF	Fails to fire	0
FFM	Fails to feed from magazine	0
FFP	Flat firing pin	0
FOS	Fires on safe	0
FSR	Fires when safe is released	0

CONFIDENTIAL

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

CONFIDENTIAL

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
BC-P	Blows cases at proof	0
BEB-P	Barrel extension broken at proof	0
BLP-P	Blanked primer at proof	0
BP-P	Blown primer at proof	0
BS-P	Barrel split at proof	0
DLOS-P	Doesn't lock over shells at proof	0
ESB-P	Ejector sticks back at proof	0
FCB-P	Fore-end cracked at proof	0
FESO-P	Fore-end shot off at proof	0
FF-P	Fails to fire at proof	0
GCSO-P	Gas cylinder shot off at proof	0
GRSO-P	Guide ring shot off at proof	0
MCSO-P	Magazine cap shot off at proof	0
MSI-P	Magnaflux stamp illegible on bbl	0
MSM-P	Magnaflux stamp missing on bbl	0
PP-P	Pierced primer at proof	0
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	1077
	Total Rejected:	102
	Overall Reject Rate:	9.47

		1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
Proof	Shot:	48	14	20	11		24		39	364	113
	Rejected	0	0	0	0	0	0	0	0	0	0
	Percent:	0.0	0.0	0.0	0.0		0.0		0.0	0.0	0.0
Test	Shot:	128	20				56		27	364	113
	Rejected	57	0	0	0	0	10	0	12	4	0
	Percent:	44.5	0.0				17.9		44.4	1.1	0.0
Target	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										

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

ILE00092693

Subject to Protective Order: Williams v. Remington

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CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
CHAB	Carrier hits action bar										
CLM	Can't 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	1					1				
DCS	Double click in safety switch										
DCT	Double click in trigger										
DCU	Doesn't close-up										
DE	Doesn't eject	2									
DEL	Doesn't eject live round										
DFU	Doesn't feed up										
DLO	Doesn't lock open (after last shell)	4									
DLU	Doesn't lock-up										
DS	Dead safe										
DSM	Drops shell-magazine	5									
DTL	Doesn't trip latch	1									
DX	Doesn't extract										
DXL	Doesn't extract live round										
EDS	Extractor drops shell								5		
ESB	Ejector sticks back										
ESS	Extractor stems shell										

ILE00092694

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
FA	Fires automatically										
FB	Follower binds										
FC	Fails to connect										
FCB	Fore-end cracked or broken										
FD	Follows-down										
FF	Fails to fire										
FFM	Fails to feed from magazine	6					5				
FFP	Flat firing pin										
FOS	Fires on safe										
FSR	Fires when safe is released										
GCSO	Gas cyl shot off										
GRSO	Guide ring shot off										
HPA	High pressure ammo										
HUE	Hard under extractor	8									
ILOP	Int. latch out of position										
ILRM	Int. latch ret. Missing										
ILSB	Int. latch stud broken										
ILSP	Int. latch spring out of position										
JL	Jumps latch	5									
JO	Jars off										
LB	Light blow										
MCSO	Magazine cap shot off										
MCW	Magazine capacity wrong										
MFA	Misfires (ammo)										
MFOP	Magazine follower out of position										

ILE00092695

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

CODE	MALFUNCTION INDEX	1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
MLH	Magazine loads hard										
OH	Opens hard										
PH	Pulls hard										
PSI	Proof stamp illegible										
PSM	Proof stamp missing										
RBOC	Rings and bulges on case										
RDW	(Action) release doesn't work	1					2				
RIC	Rings in chamber										
SBC	Stems bottom chambers	20									
SBCL	Shell binds carrier latch										
SBE	Stems bbl extension										
SCB	Stock cracked or broken									2	
SCX	Shell catches										
SHI	Short indent										
SIC	Stems in chamber										
SL	shaves lead										
SLC	Stems left side of chamber	2							5		
SMOC	Stretch marks on case										
SRC	Stems right side of chamber								2		
SRIC	Specific rings in chamber										
SSC	shell stems carrier	1									
STC	Stems top chamber						2				
SWE	Safety switch works too easily										
SWH	Safety switch works too hard										
SWW	Safety ewitxh won't work										

ILE00092696

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

ILE00092697

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

ILE00092698

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Test Date:

18		304		94	
0	*0*	*0*	*0*	*0*	*0*
0.0		*0.0*		*0.0*	
18		304		47	
0	*0*	*0*	*0*	*0*	*0*
0.0		*0.0*		*0.0*	
				87	
0	*0*	*0*	*0*	*19*	*0*
				21.8	

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

ILE00092699

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

ILE00092700

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

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CONFIDENTIAL

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

ILE00092702

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

				16	
				3	

ILE000927703

Subject to Protective Order: Williams v. Remington

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

ILE00092704

Subject to Protective Order: Williams v. Remington

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Summary		
	Total Test + Proof Failures	1059
	Total Rejected:	7
	Overall Reject Rate:	0.66

		1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
Proof	Shot:	25	66		10				31	814	
	Rejected	0	0	0	0	0	0	0	0	0	0
	Percent:	0.0	0.0		0.0				0.0	0.0	
Test	Shot:	4	43		10					814	
	Rejected	0	6	0	0	0	0	0	0	1	0
	Percent:	0.0	14.0		0.0					0.1	
Target	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										

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

ILE00092705

Subject to Protective Order: Williams v. Remington

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

ILE00092706

Subject to Protective Order: Williams v. Remington

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FC	Fails to connect										
FCB	Fore-end cracked or broken										
FD	Follows-down										
FF	Fails to fire										
FFM	Fails to feed from magazine										
FFP	Flat firing pin										
FOS	Fires on safe										
FSR	Fires when safe is released										
GCSO	Gas cyl shot off										
GRSO	Guide ring shot off										
HPA	High pressure ammo										
HUE	Hard under extractor										
ILOP	Int. latch out of position										
ILRM	Int. latch ret. Missing										
ILSB	Int. latch stud broken										
ILSP	Int. latch spring out of position										
JL	Jumps latch		5								
JO	Jars off										
LB	Light blow										
MCSO	Magazine cap shot off										
MCW	Magazine capacity wrong										
MFA	Misfires (ammo)										
MFOP	Magazine follower out of position										
MLH	Magazine loads hard										
OH	Opens hard										
PH	Pulls hard										
PSI	Proof stamp illegible										

Subject to Protective Order: Williams v. Remington

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

Subject to Protective Order: Williams v. Remington

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

ILE00092709

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

ILE00092710

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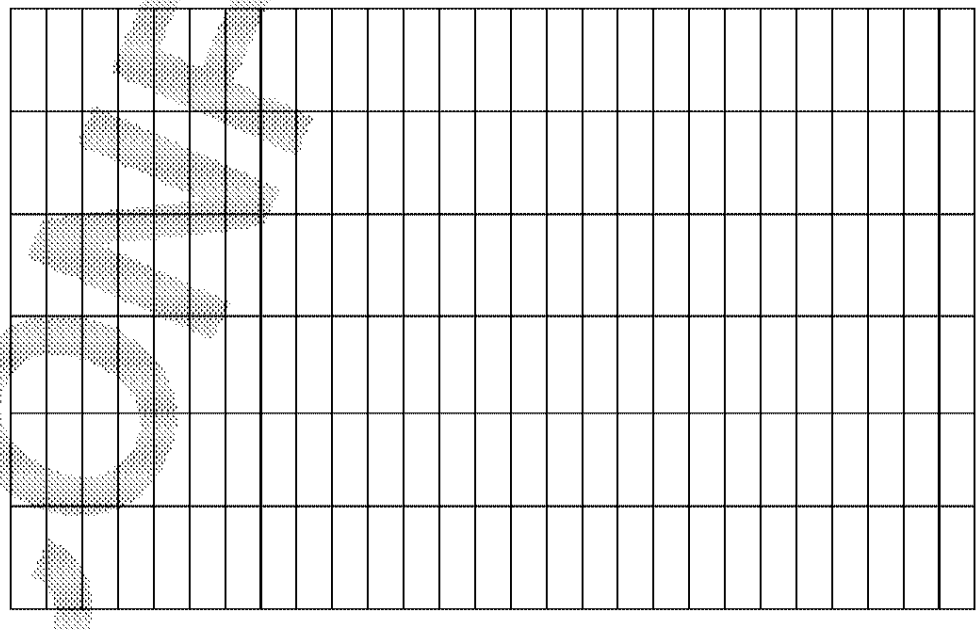
Test Date:

3		67		86	
0	*0*	*0*	*0*	*0*	*0*
0.0		*0.0*		*0.0*	
3		67		118	
0	*0*	*0*	*0*	*0*	*0*
0.0		*0.0*		*0.0*	
				93	
0	*0*	*0*	*0*	*0*	*0*
				0.0	

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

ILE00092711

CONFIDENTIAL



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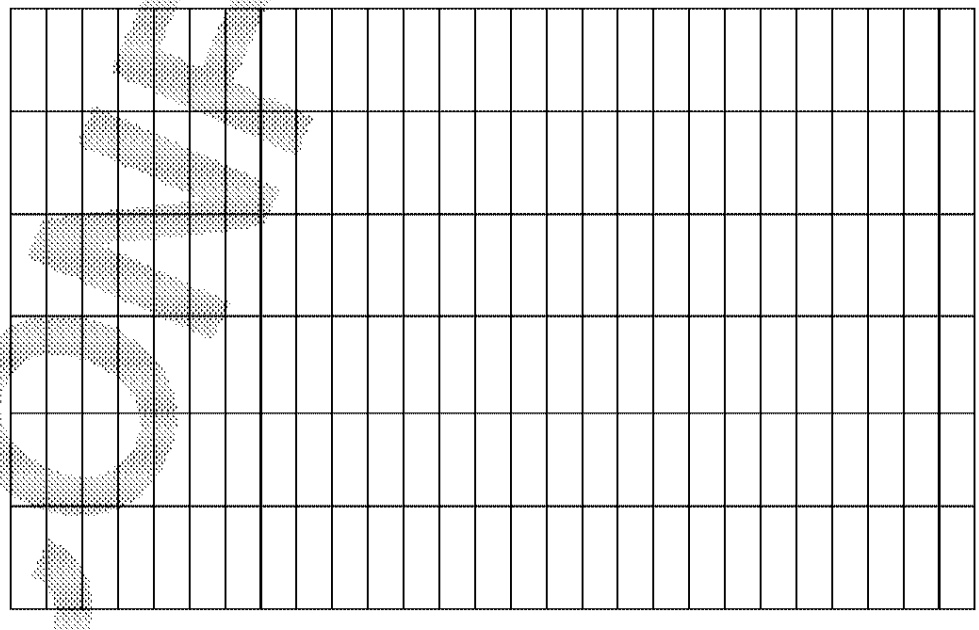

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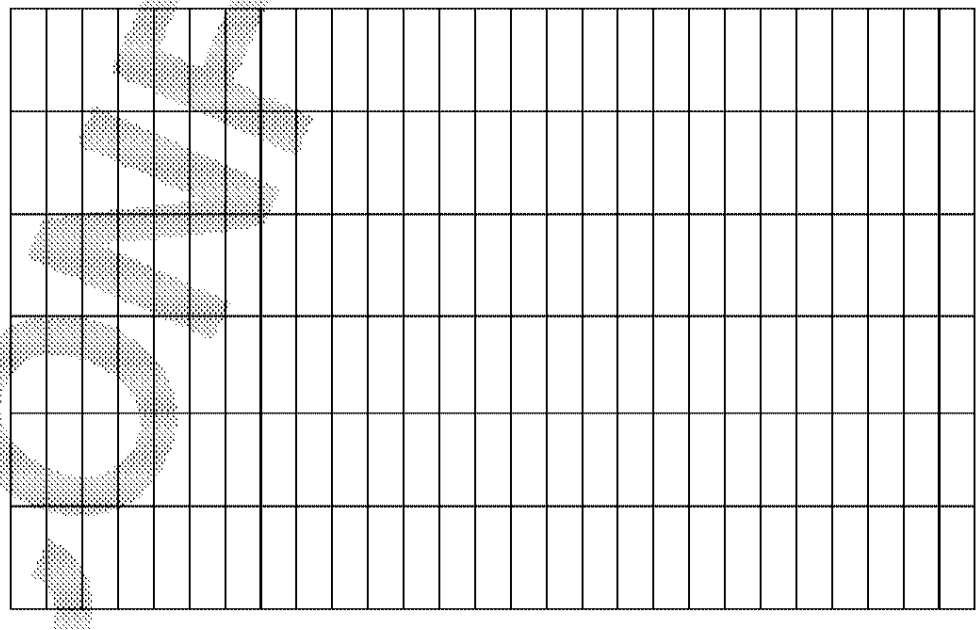

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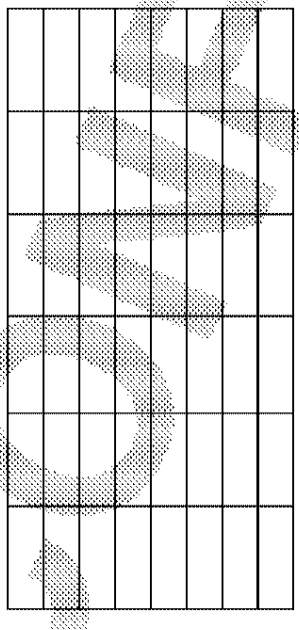

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Summary		
	Total Test + Proof Failures	1016
	Total Rejected:	37
	Overall Reject Rate:	3.64

		1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
Proof	Shot:	14	36		3			13	24	619	
	Rejected	0	0	0	0	0	0	0	0	1	0
	Percent:	0.0	0.0		0.0			0.0	0.0	0.2	
Test	Shot:	14	12		14			16	50	619	
	Rejected	1	2	0	0	0	0	0	17	3	0
	Percent:	7.1	16.7		0.0			0.0	34.0	0.5	
Target	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										

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

Subject to Protective Order: Williams v. Remington

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

ILE00092718

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

ILE00092719

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PSM	Proof stamp missing										
RBOC	Rings and bulges on case										
RDW	(Action) release doesn't work									1	
RIC	Rings in chamber										
SBC	Stems bottom chambers	1									
SBCL	Shell binds carrier latch										
SBE	Stems bbl extension										
SCB	Stock cracked or broken									1	
SCX	Shell catches										
SHI	Short indent										
SIC	Stems in chamber										
SL	shaves lead										
SLC	Stems left side of chamber								3		
SMOC	Stretch marks on case										
SRC	Stems right side of chamber								6		
SRIC	Specific rings in chamber										
SSC	shell stems carrier										
STC	Stems top chamber								2		
SWE	Safety switch works too easily										
SWH	Safety switch works too hard										
SWW	Safety ewitxh won't work										
TD	Tips down										
TU	Tips up										
TWP	Trigger won't pull										
TWR	Trigger won't retract										
UNCN-T	Uncoded										
XH	Extracts hard										

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00092721

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

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

ILE00092722

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

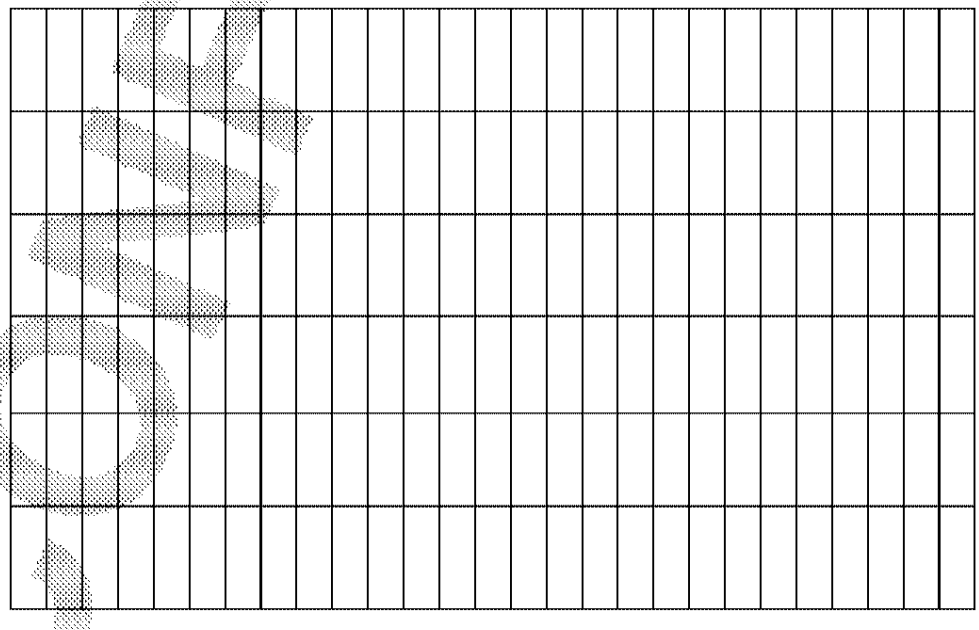
Test Date:

		193		98	
0	*0*	*0*	*0*	*0*	*0*
		0.0		*0.0*	
		193		97	
0	*0*	*1*	*0*	*1*	*0*
		0.5		*1.0*	
				112	
0	*0*	*0*	*0*	*11*	*0*
				9.8	

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

ILE00092723

CONFIDENTIAL



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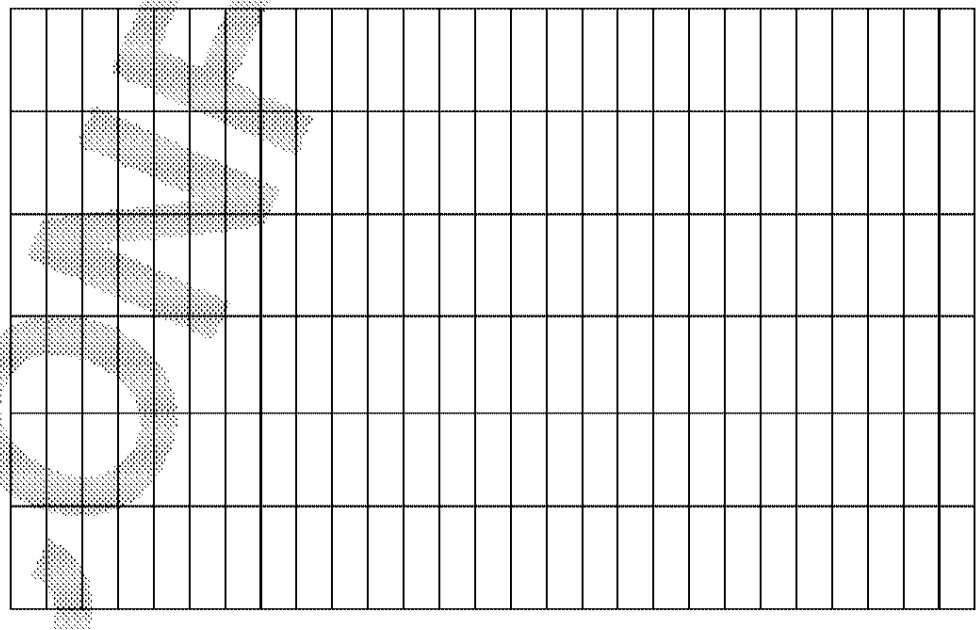
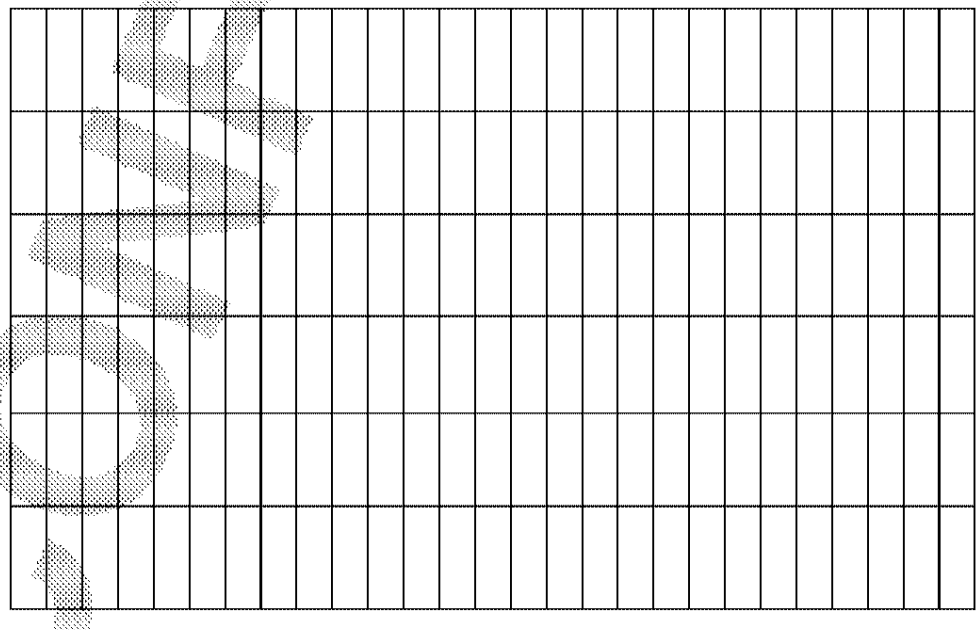


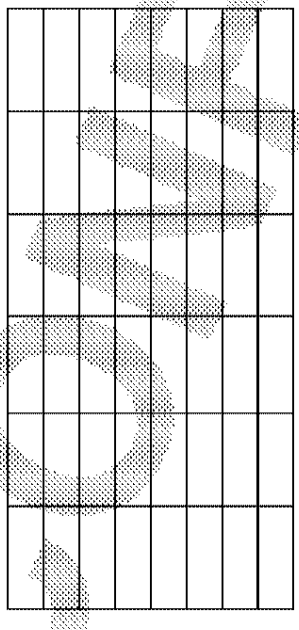
Subject to Protective Order - Williams v. Remington

CONFIDENTIAL



CONFIDENTIAL

CONFIDENTIAL



Subject to Protective Order - Williams v. Remington

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Summary		
	Total Test + Proof Failures	1011
	Total Rejected:	17
	Overall Reject Rate:	1.68

		1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
Proof	Shot:	10	7	166	3			88	14	575	
	Rejected	0	0	0	0	0	0	0	0	0	0
	Percent:	0.0	0.0	0.0	0.0			0.0	0.0	0.0	
Test	Shot:			116			11	87	15	575	
	Rejected	0	0	4	0	0	0	0	6	1	0
	Percent:			3.4			0.0	0.0	40.0	0.2	
Target	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										

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

ILE00092729

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00092730

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE000927311

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

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

ILE00092734

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

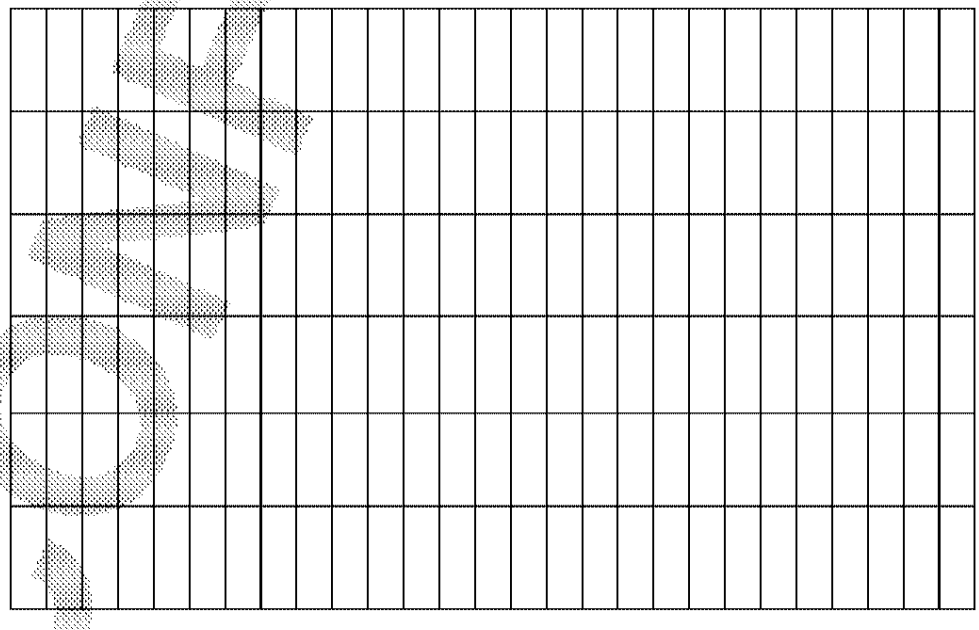
Test Date:

		148		55	
0	0	6	0	0	0
		4.1		0.0	
		146		55	
0	0	0	0	0	0
		0.0		0.0	
				55	
0	0	0	0	0	0
				0.0	

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

ILE00092735

CONFIDENTIAL



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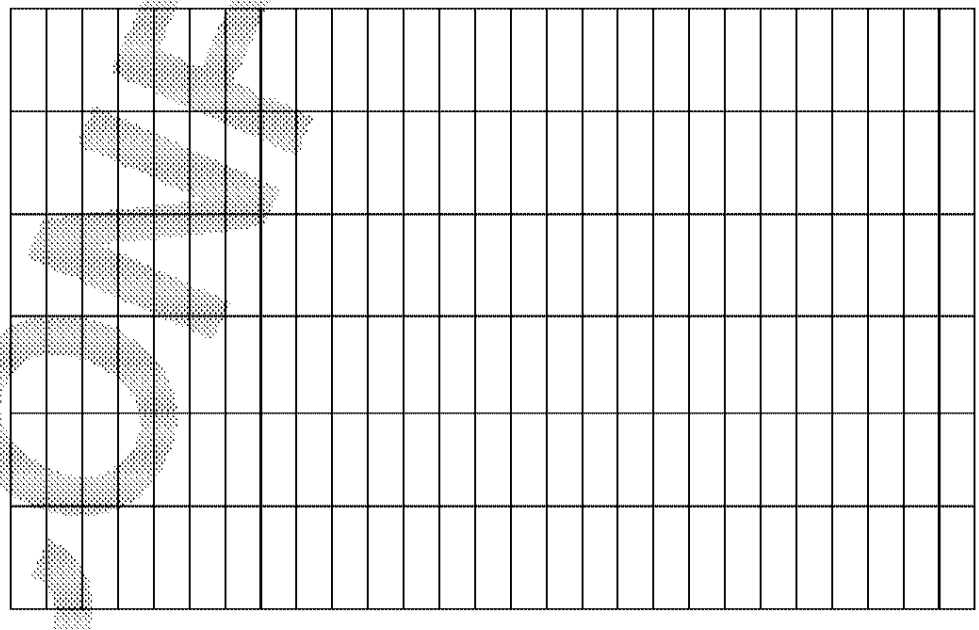

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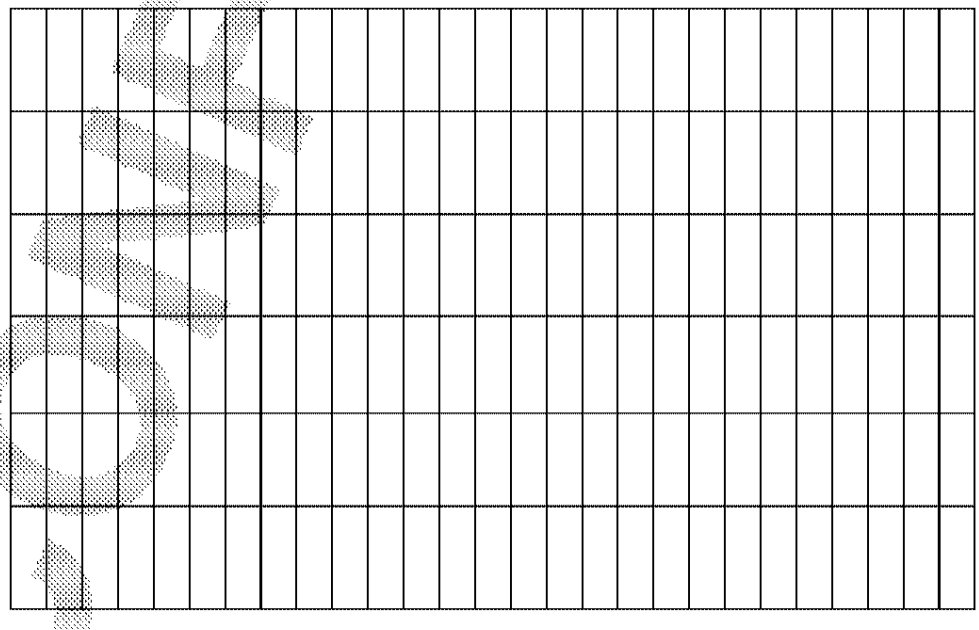
CONFIDENTIAL



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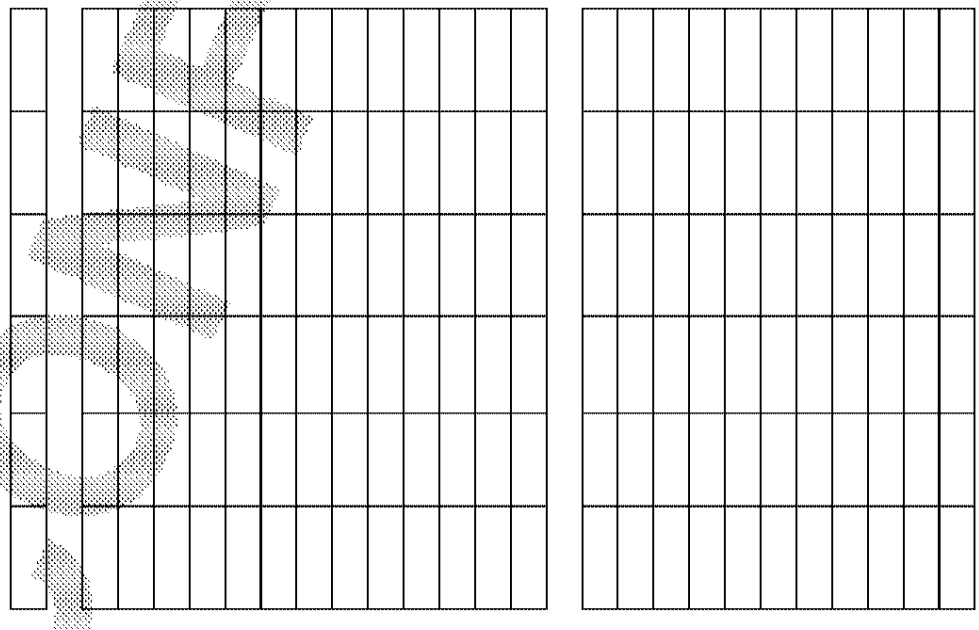
CONFIDENTIAL



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CONFIDENTIAL

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CONFIDENTIAL

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

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

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

ILE00092741

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00092745

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

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

ILE00092746

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Test Date:

0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0

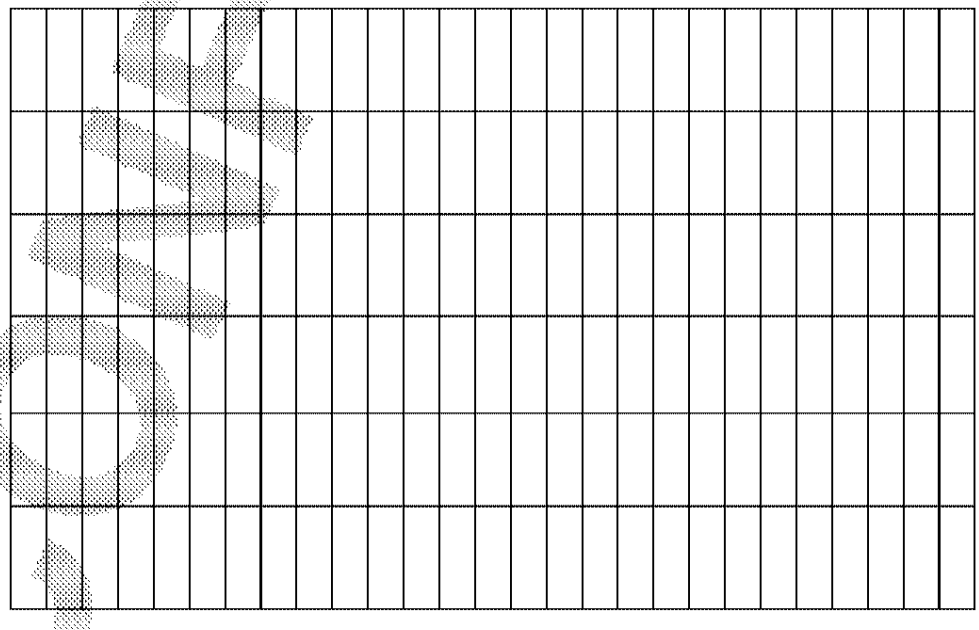
870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

ILE00092747

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL



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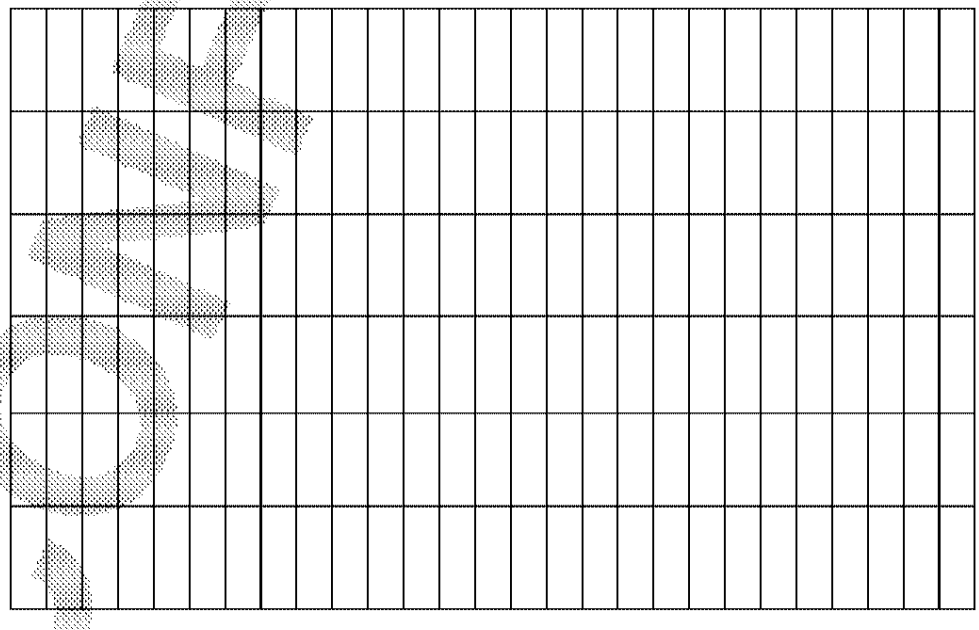
CONFIDENTIAL



CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

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Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

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

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

ILE00092753

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00092757

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CONFIDENTIAL

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

ILE00092758

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

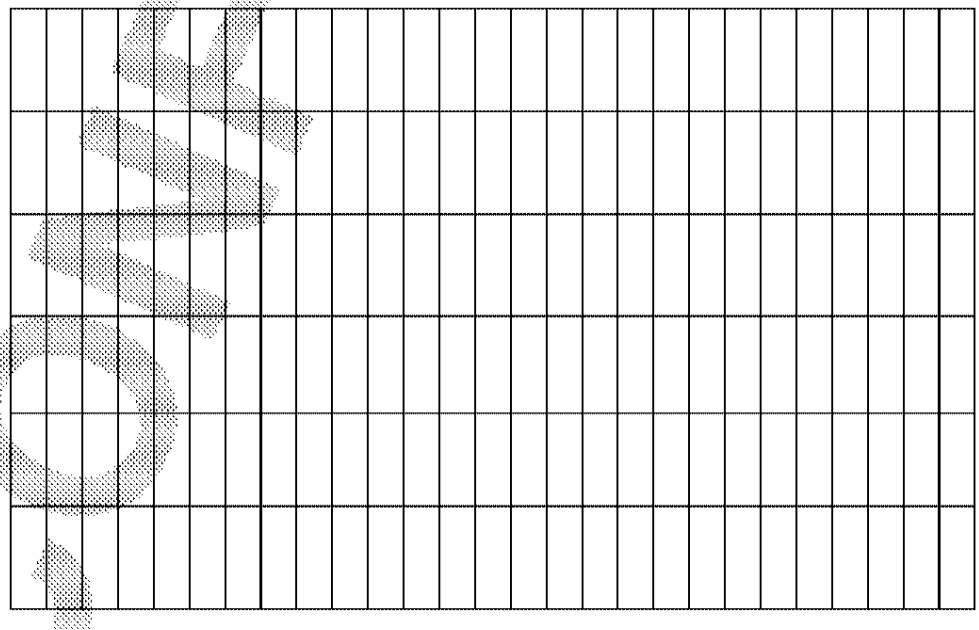
Test Date:

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

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

ILE00092759

CONFIDENTIAL



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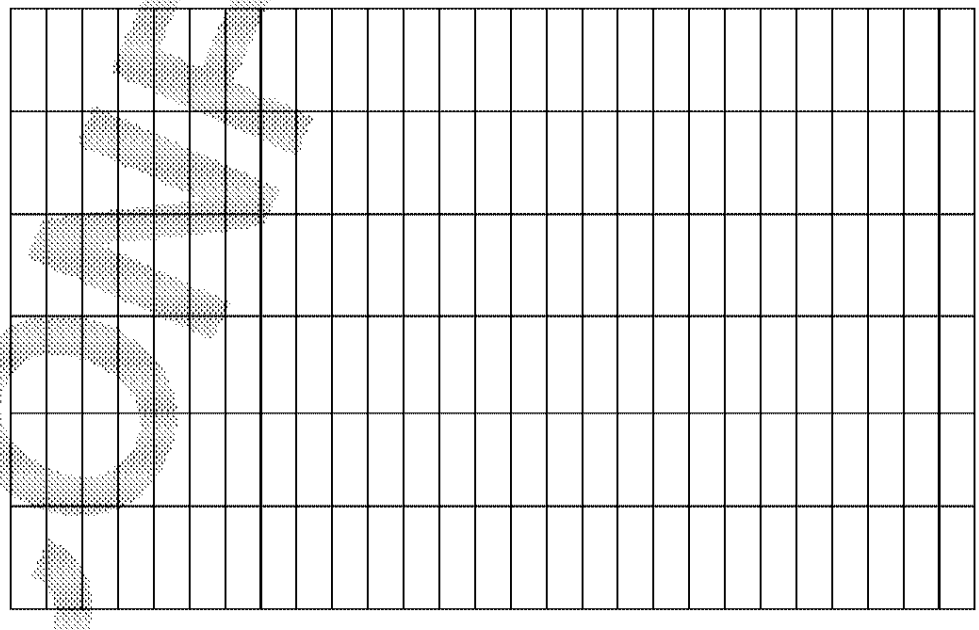

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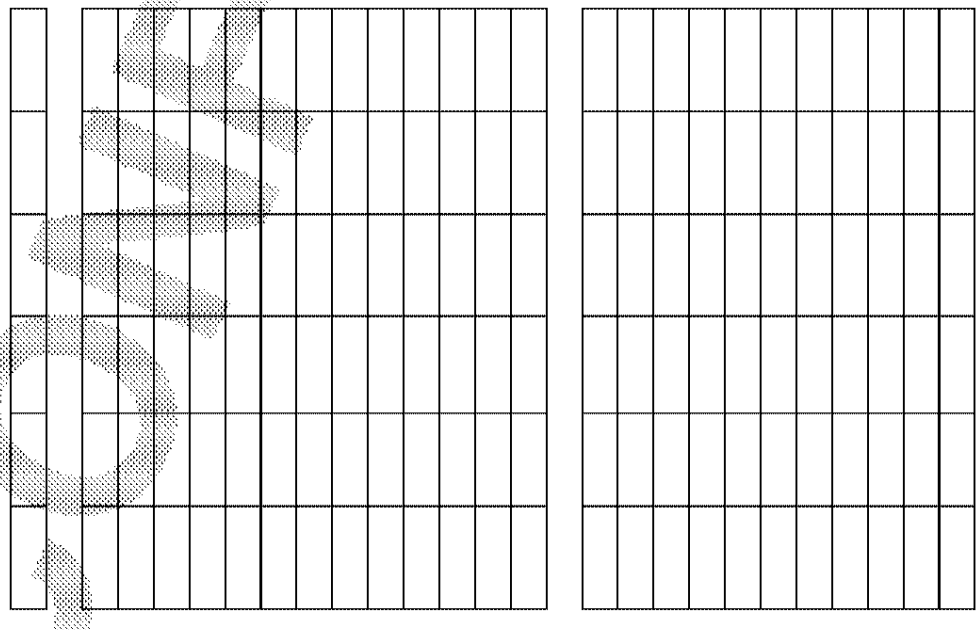

Subject to Protective Order - Williams v. Remington

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Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Summary		
	Total Test + Proof Failures	1307
	Total Rejected:	19
	Overall Reject Rate:	1.45

		1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
Proof	Shot:	13	38	189				132	8	665	
	Rejected:	0	0	1	0	0	0	0	0	0	0
	Percent:	0.0	0.0	0.5				0.0	0.0	0.0	
Test	Shot:			283				128		665	
	Rejected:	0	4	4	0	0	0	5	0	5	0
	Percent:			1.4				3.9		0.8	
Target	Shot:				10		226				
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:				0.0		0.0				

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

ILE00092765

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00092766

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00092767

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00092768

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00092769

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00092770

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

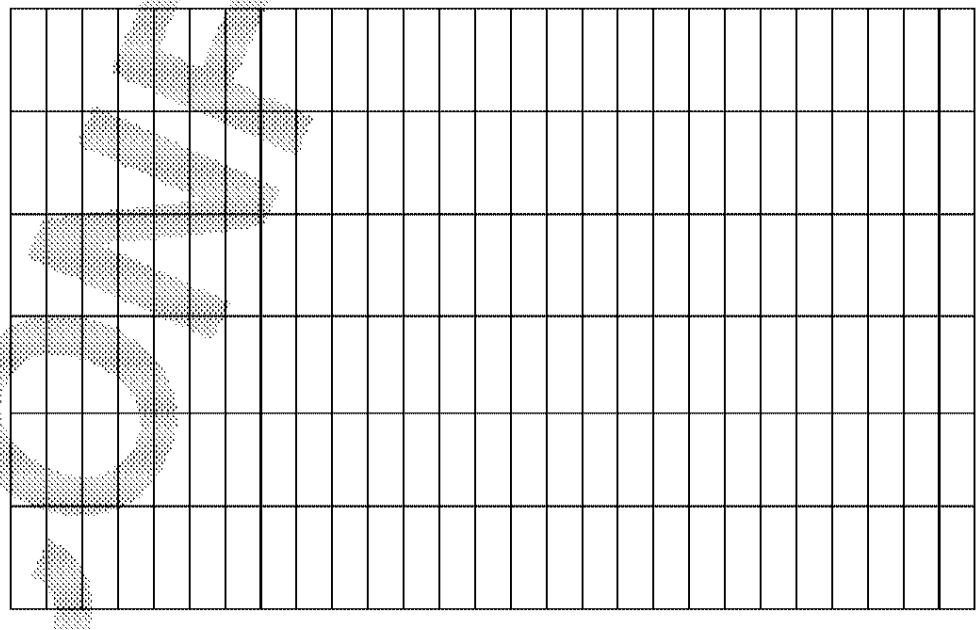
Test Date:

122		56		52	
0	0	0	0	0	0
0.0		0.0		0.0	
122		56		52	
0	0	0	0	0	0
0.0		0.0		0.0	
					57
0	0	0	0	0	0

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

ILE00092771

CONFIDENTIAL



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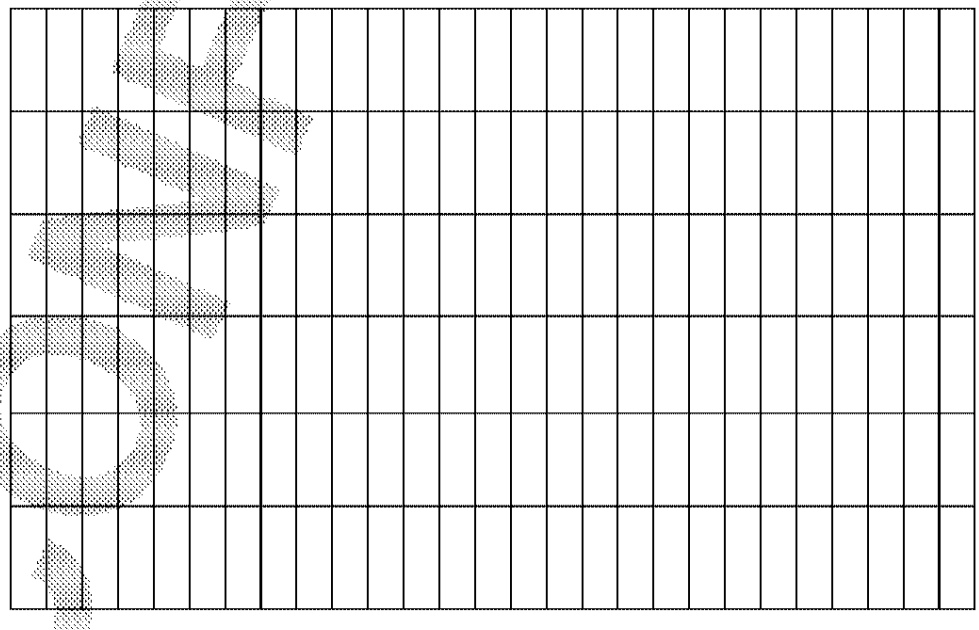

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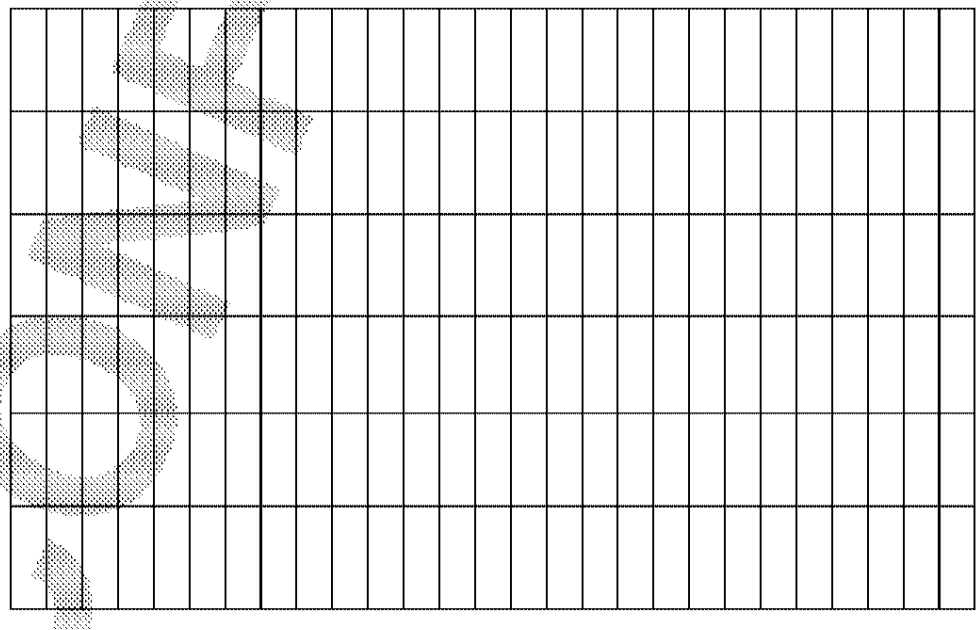

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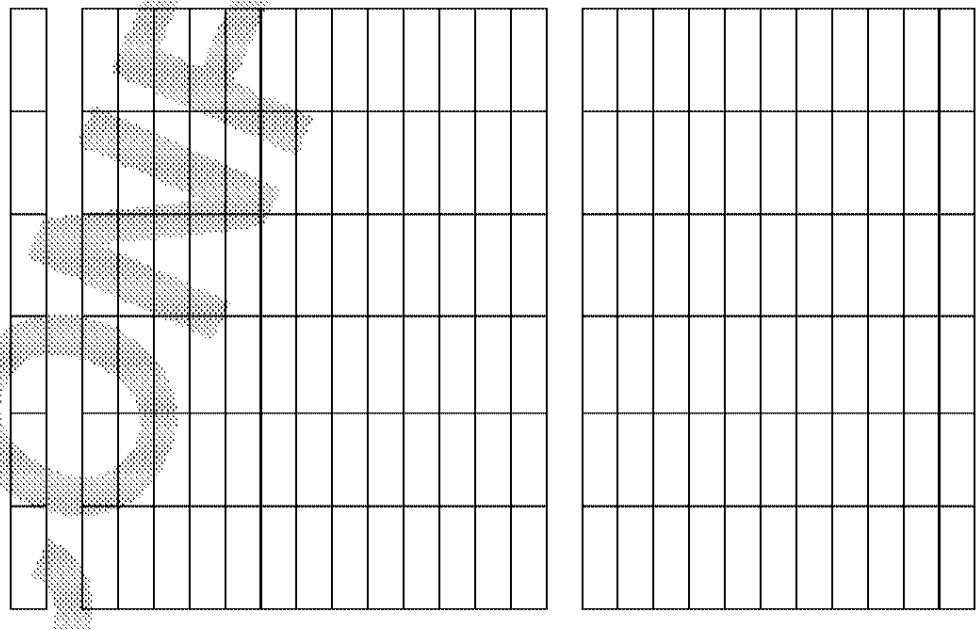

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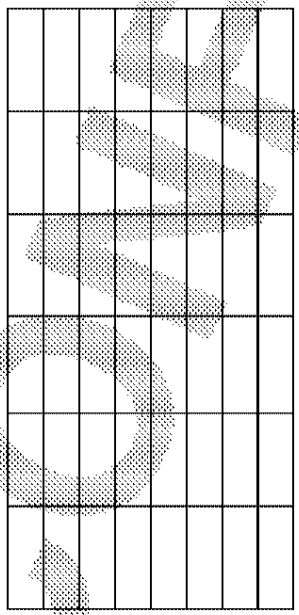

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Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

Summary		
	Total Test + Proof Failures	1390
	Total Rejected:	113
	Overall Reject Rate:	8.13

		1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
Proof	Shot:	211								517	
	Rejected	0	0	0	0	0	0	0	0	0	0
	Percent:	0.0								0.0	
Test	Shot:	293	40							517	
	Rejected	93	17	0	0	0	0	0	0	3	0
	Percent:	31.7	42.5							0.6	
Target	Shot:										
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:										

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

ILE00092777

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

CHAB	Carrier hits action bar										
CLM	Can't laod magazine										
CO	Cut-off										
CR	Cuts rim										
CS	Cases swell										
CTOG	Chamber torn or gouged										
CTP	Creepy trigger pull										
CWSB	Cams wrong side of action bar										
DBB	Doesn't blow back	15	1								
DCS	Double click in safety switch										
DCT	Double click in trigger										
DCU	Doesn't close-up										
DE	Doesn't eject	3									
DEL	Doesn't eject live round										
DFU	Doesn't feed up	14									
DLO	Doesn't lock open (after last shell)	1									
DLU	Doesn't lock-up										
DS	Dead safe										
DSM	Drops shell-magazine										
DTL	Doesn't trip latch	1									
DX	Doesn't extract	1									
DXL	Doesn't extract live round										
EDS	Extractor drops shell										
ESB	Ejector sticks back										
ESS	Extractor stems shell										
FA	Fires automatically										
FB	Follower binds										

ILE00092778

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

FC	Fails to connect										
FCB	Fore-end cracked or broken										
FD	Follows-down										
FF	Fails to fire	1									
FFM	Fails to feed from magazine		1								
FFP	Flat firing pin										
FOS	Fires on safe										
FSR	Fires when safe is released										
GCSO	Gas cyl shot off										
GRSO	Guide ring shot off									1	
HPA	High pressure ammo										
HUE	Hard under extractor										
ILOP	Int. latch out of position										
ILRM	Int. latch ret. Missing										
ILSB	Int. latch stud broken										
ILSP	Int. latch spring out of position										
JL	Jumps latch	10	15								
JO	Jars off										
LB	Light blow										
MCSO	Magazine cap shot off										
MCW	Magazine capacity wrong	1									
MFA	Misfires (ammo)										
MFOP	Magazine follower out of position										
MLH	Magazine loads hard										
OH	Opens hard										
PH	Pulls hard										
PSI	Proof stamp illegible										

ILE00092779

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

PSM	Proof stamp missing										
RBOC	Rings and bulges on case										
RDW	(Action) release doesn't work	2									
RIC	Rings in chamber										
SBC	Stems bottom chambers	22									
SBCL	Shell binds carrier latch										
SBE	Stems bbl extension										
SCB	Stock cracked or broken									1	
SCX	Shell catches										
SHI	Short indent										
SIC	Stems in chamber										
SL	shaves lead										
SLC	Stems left side of chamber	13									
SMOC	Stretch marks on case										
SRC	Stems right side of chamber										
SRIC	Specific rings in chamber	2									
SSC	shell stems carrier										
STC	Stems top chamber										
SWE	Safety switch works too easily										
SWH	Safety switch works too hard										
SWW	Safety ewitxh won't work										
TD	Tips down										
TU	Tips up										
TWP	Trigger won't pull										
TWR	Trigger won't retract										
UNCN-T	Uncoded	2									
XH	Extracts hard										

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

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

ILE000927822

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

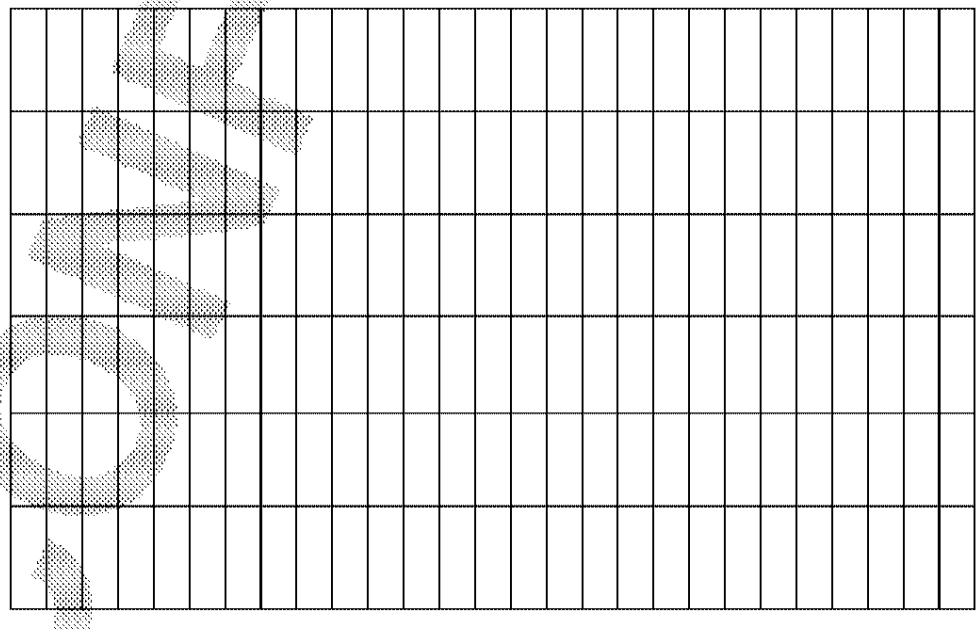
Test Date:

63		437		89	
0	*0*	*0*	*0*	*0*	*0*
0.0		*0.0*		*0.0*	
63		437		40	
0	*0*	*0*	*0*	*0*	*0*
0.0		*0.0*		*0.0*	
0	*0*	*0*	*0*	*0*	*0*

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

ILE00092783

CONFIDENTIAL



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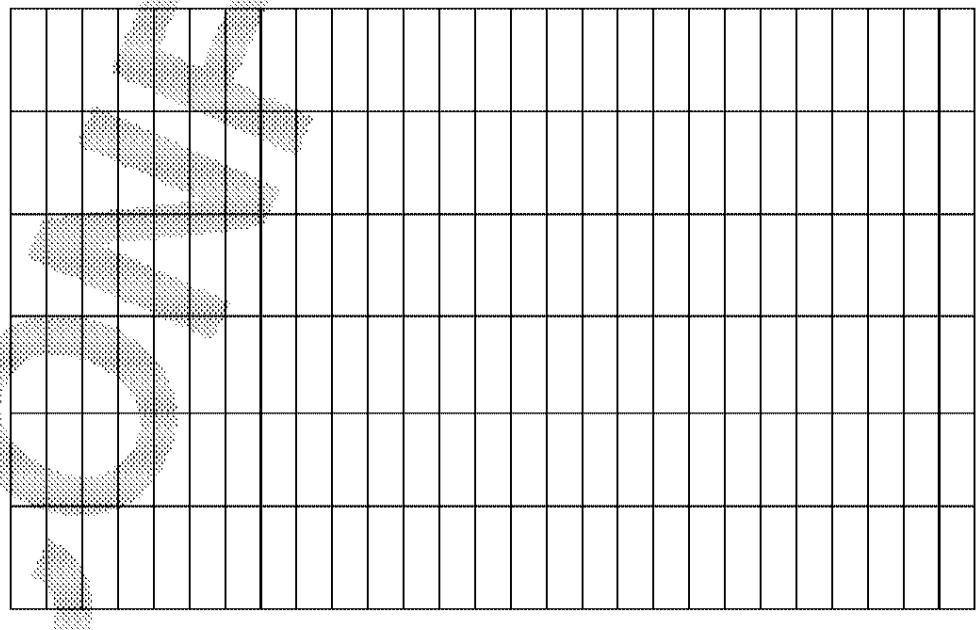

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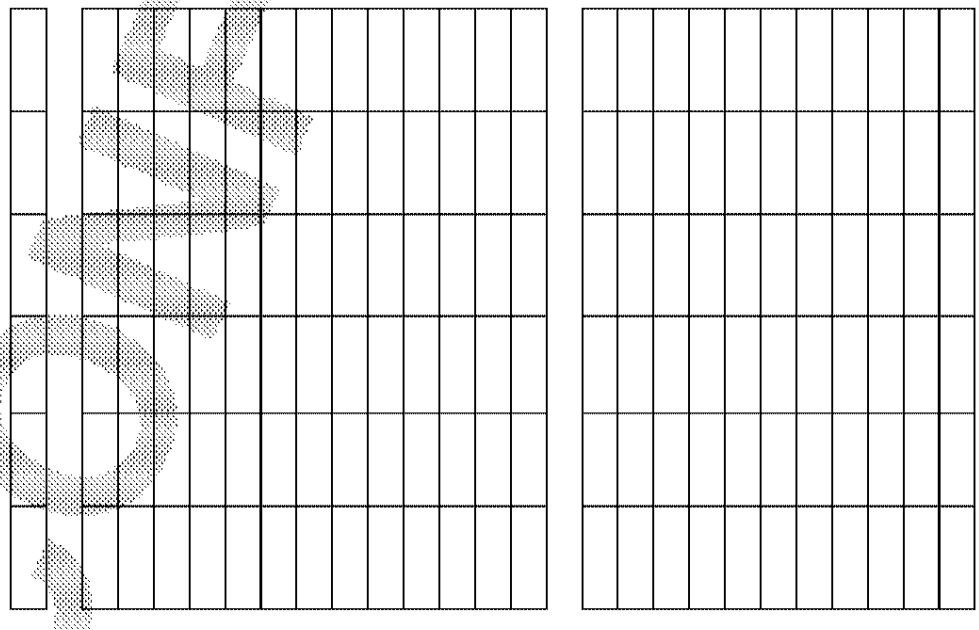

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Subject to Protective Order: Williams v. Remington

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Summary		
	Total Test + Proof Failures	1259
	Total Rejected:	75
	Overall Reject Rate:	5.96

		1187 Super Mag	1187 12Ga	1187 20Ga	1100 12Ga	1100 16Ga	1100 20Ga	1100 28Ga	1100 410Ga	870 12Ga	870 16Ga
Proof	Shot:	131		82					26	353	
	Rejected	0	0	0	0	0	0	0	0	0	0
	Percent:	0.0		0.0					0.0	0.0	
Test	Shot:	159		98						353	
	Rejected	69	0	0	0	0	0	0	0	3	0
	Percent:	43.4		0.0						0.8	
Target	Shot:			10							
	Rejected:	0	0	0	0	0	0	0	0	0	0
	Percent:			0.0							

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

ILE00092789

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

CHAB	Carrier hits action bar										
CLM	Can't laod magazine										
CO	Cut-off										
CR	Cuts rim										
CS	Cases swell										
CTOG	Chamber torn or gouged										
CTP	Creepy trigger pull										
CWSB	Cams wrong side of action bar										
DBB	Doesn't blow back										
DCS	Double click in safety switch										
DCT	Double click in trigger										
DCU	Doesn't close-up										
DE	Doesn't eject	2									
DEL	Doesn't eject live round										
DFU	Doesn't feed up	15									
DLO	Doesn't lock open (after last shell)	5									
DLU	Doesn't lock-up										
DS	Dead safe										
DSM	Drops shell-magazine	2									
DTL	Doesn't trip latch										
DX	Doesn't extract										
DXL	Doesn't extract live round										
EDS	Extractor drops shell										
ESB	Ejector sticks back										
ESS	Extractor stems shell										
FA	Fires automatically										
FB	Follower binds										

ILE00092790

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00092791

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

PSM	Proof stamp missing										
RBOC	Rings and bulges on case										
RDW	(Action) release doesn't work										
RIC	Rings in chamber										
SBC	Stems bottom chambers	25									
SBCL	Shell binds carrier latch										
SBE	Stems bbl extension										
SCB	Stock cracked or broken									1	
SCX	Shell catches										
SHI	Short indent										
SIC	Stems in chamber										
SL	shaves lead										
SLC	Stems left side of chamber	10									
SMOC	Stretch marks on case										
SRC	Stems right side of chamber										
SRIC	Specific rings in chamber										
SSC	shell stems carrier										
STC	Stems top chamber										
SWE	Safety switch works too easily										
SWH	Safety switch works too hard										
SWW	Safety ewitxh won't work										
TD	Tips down										
TU	Tips up										
TWP	Trigger won't pull										
TWR	Trigger won't retract										
UNCN-T	Uncoded										
XH	Extracts hard										

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00092793

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

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

ILE00092794

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Test Date:

531				93	
0	*0*	*0*	*0*	*0*	*0*
0.0				*0.0*	
531				118	
1	*0*	*0*	*0*	*2*	*0*
0.2				*1.7*	
0	*0*	*0*	*0*	*0*	*0*

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

ILE00092795

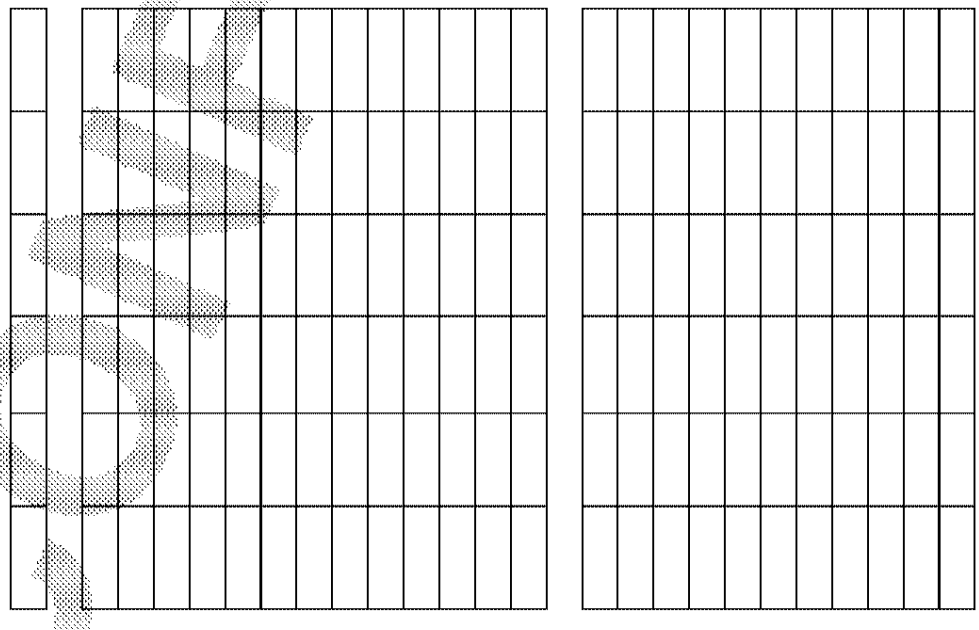
CONFIDENTIAL

CONFIDENTIAL

CONFIDENTIAL

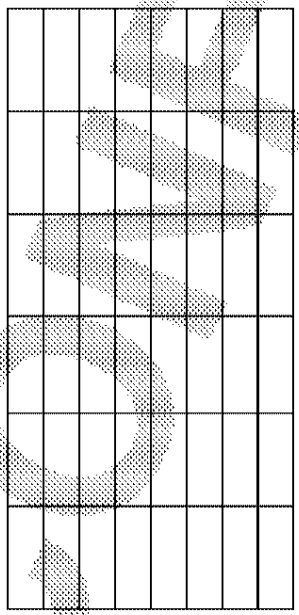
Subject to Protective Order - Williams v. Remington

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

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

ILE00092801

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00092805

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

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

ILE0009280

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

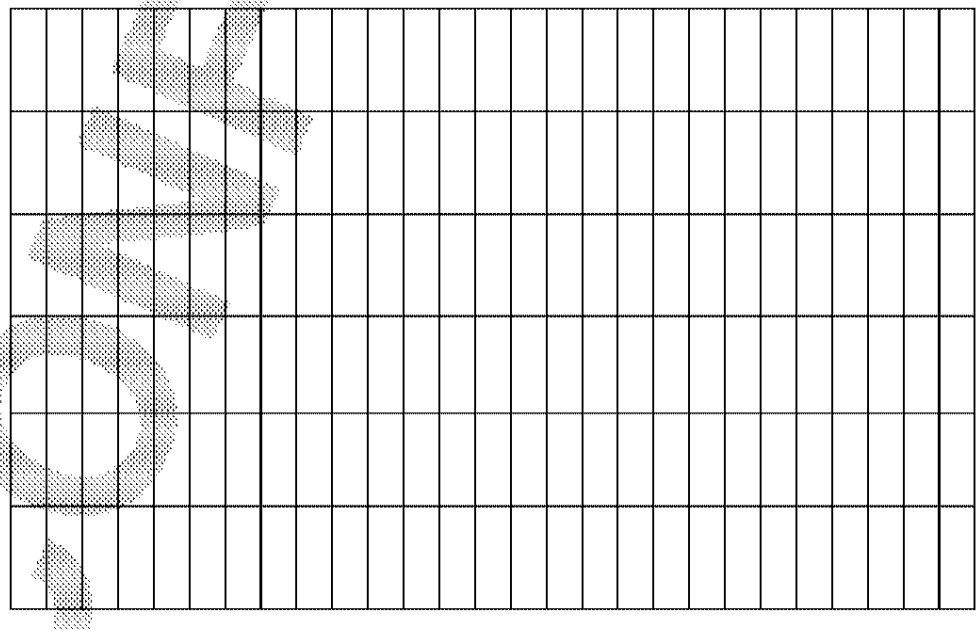
Test Date:

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

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

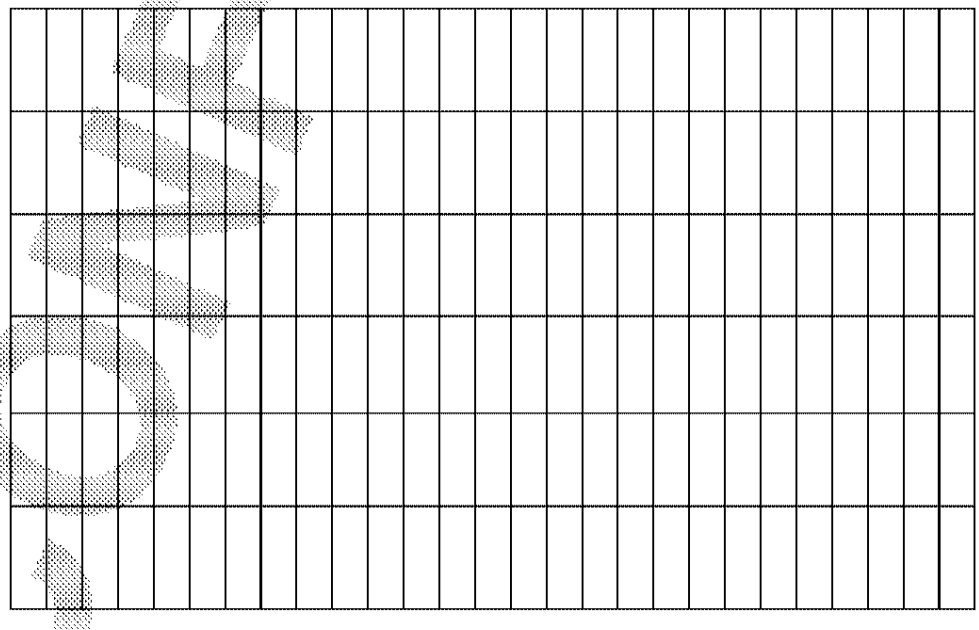
ILE00092807

CONFIDENTIAL



Subject to Protective Order - Williams v. Remington

CONFIDENTIAL



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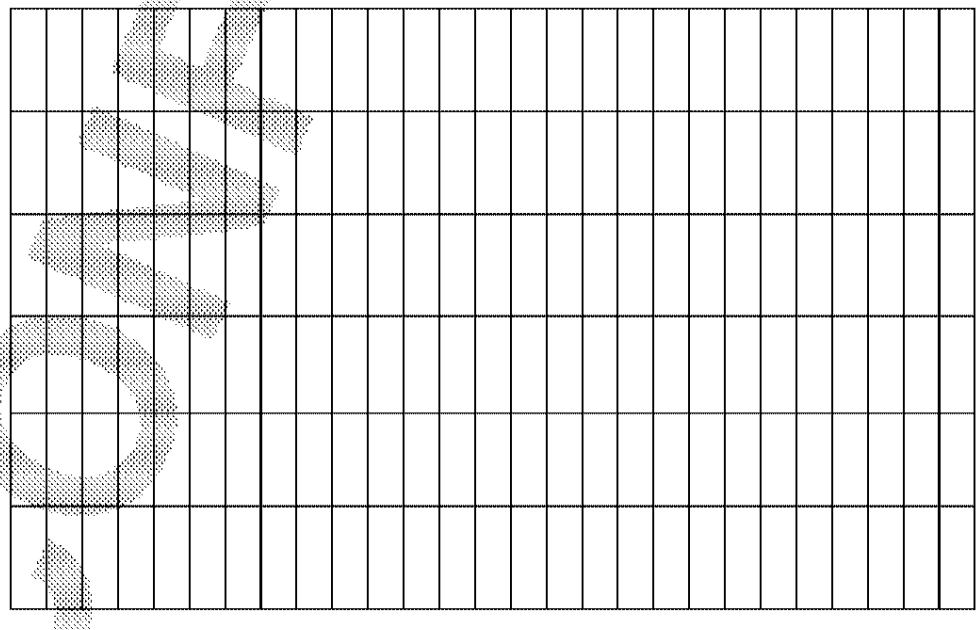

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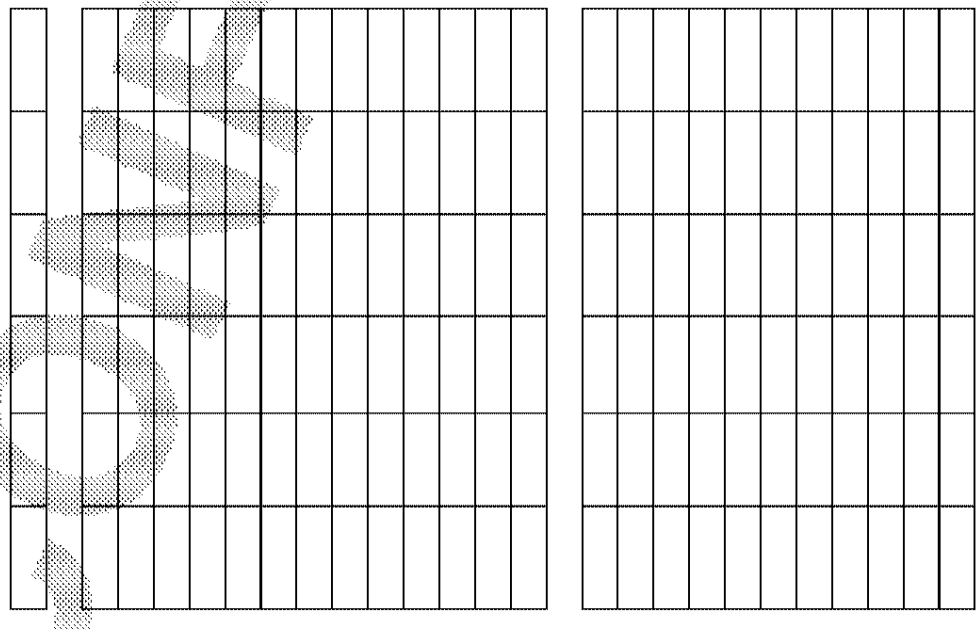
CONFIDENTIAL



Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

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

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

ILE00092813

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00092815

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

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

ILE0009281

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

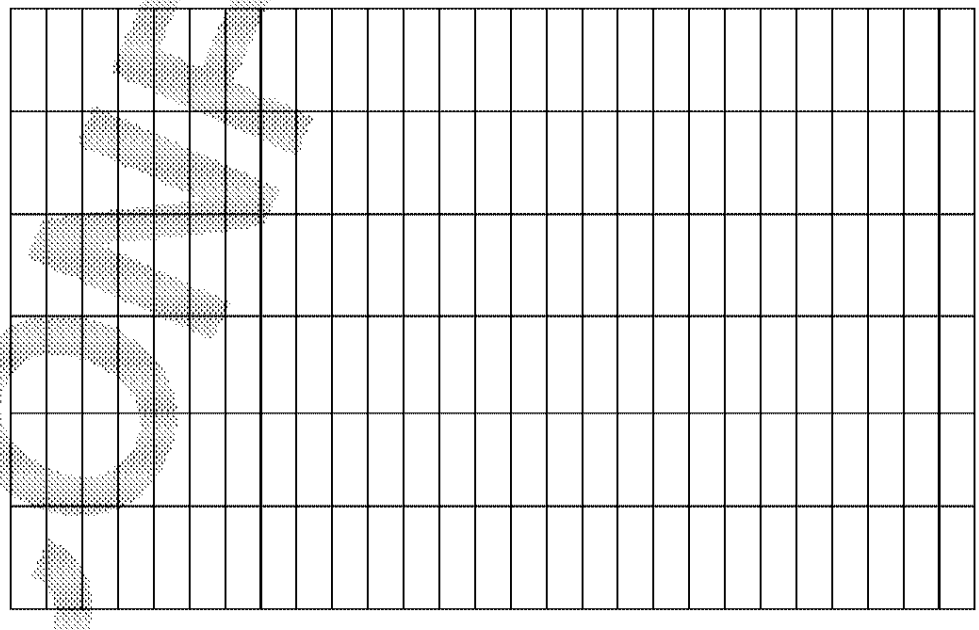
Test Date:

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

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

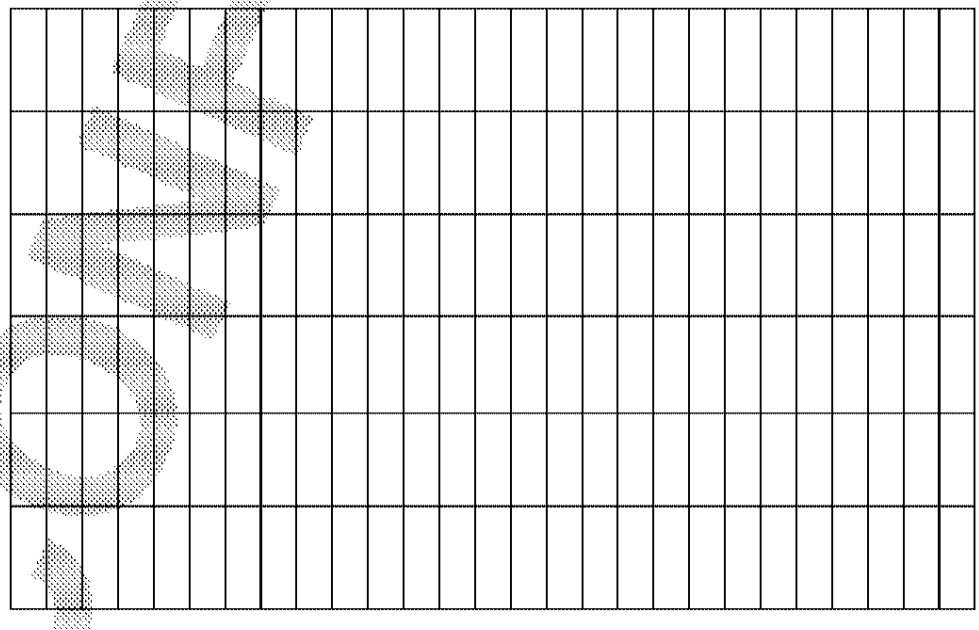
ILE00092819

CONFIDENTIAL



Subject to Protective Order - Williams v. Remington

CONFIDENTIAL



Subject to Protective Order - Williams v. Remington

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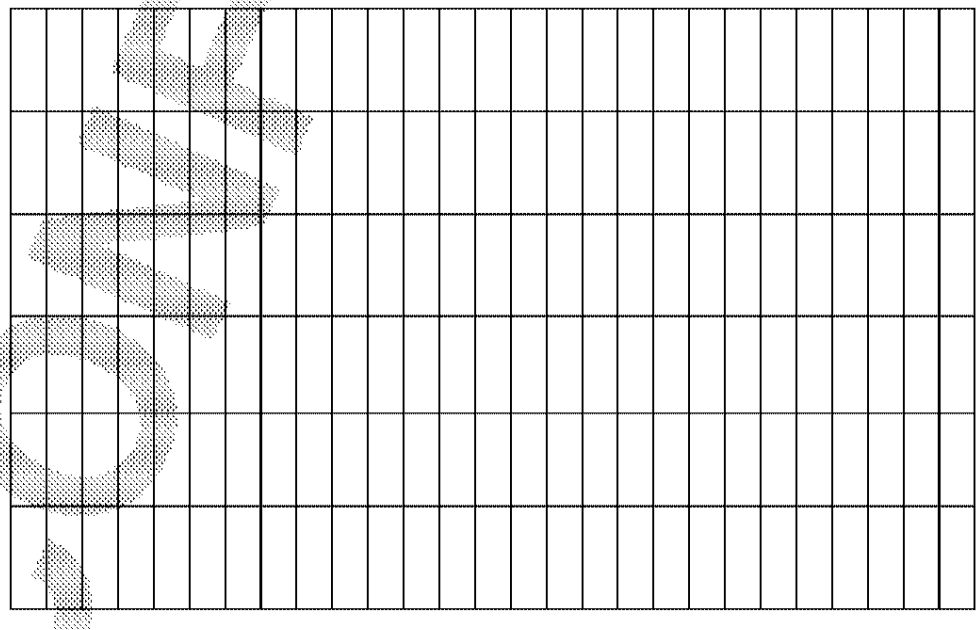

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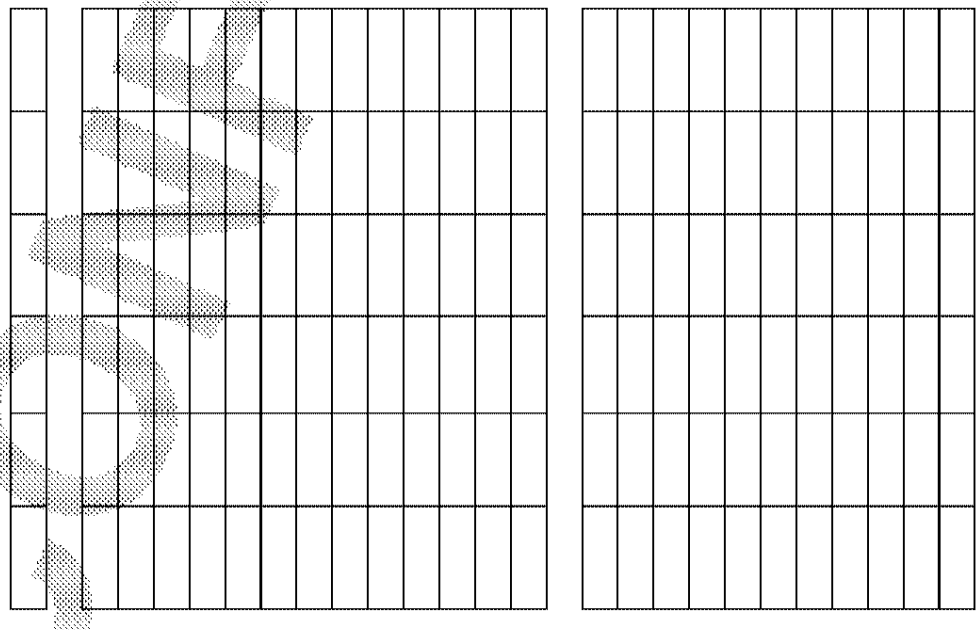

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

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

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

ILE00092825

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00092826

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00092829

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

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

ILE00092830

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Test Date:

0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0

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

ILE00092831

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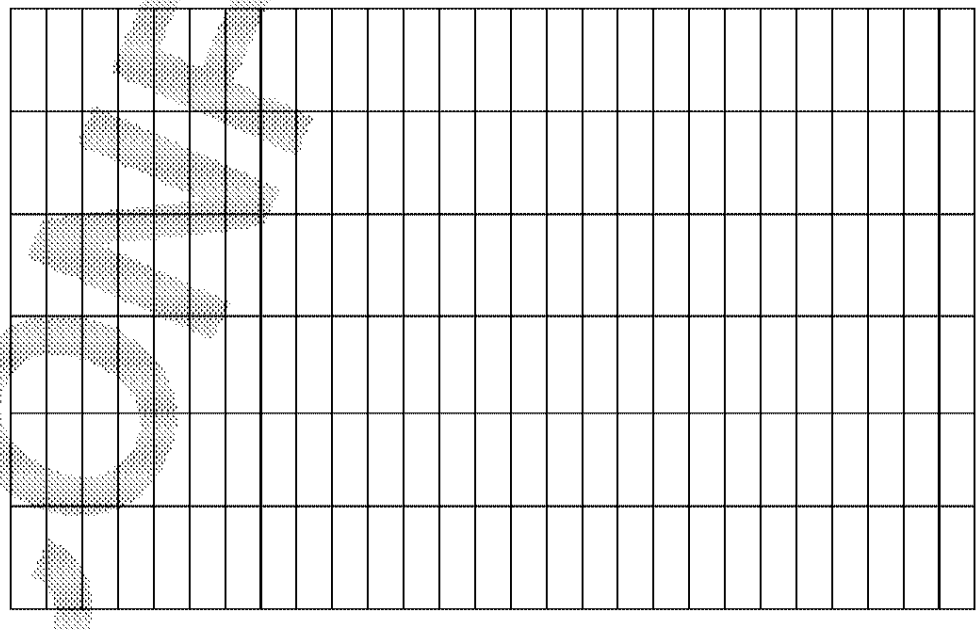

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Summary		
	Total Test + Proof Failures	0
	Total Rejected:	0
	Overall Reject Rate:	

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

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

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

ILE00092838

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

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

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

ILE00092841

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

ILE00092842

Subject to Protective Order - Williams v. Remington

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Test Date:

0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0

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

ILE00092843

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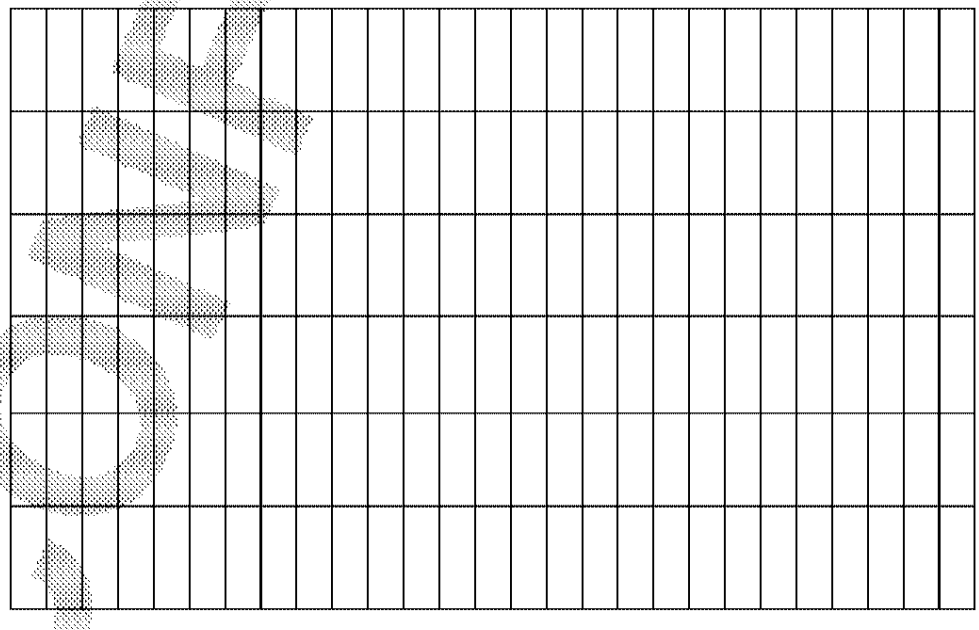
CONFIDENTIAL



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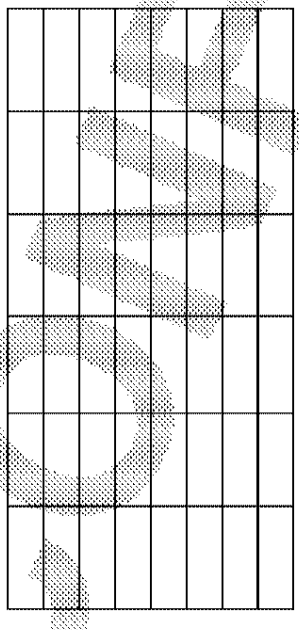

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Summary		
	Total Test + Proof Failures	0
	Total Rejected:	0
	Overall Reject Rate:	

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

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

ILE00092849

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

ILE00092850

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

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

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

ILE00092853

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

ILE00092854

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Test Date:

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

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

ILE00092855

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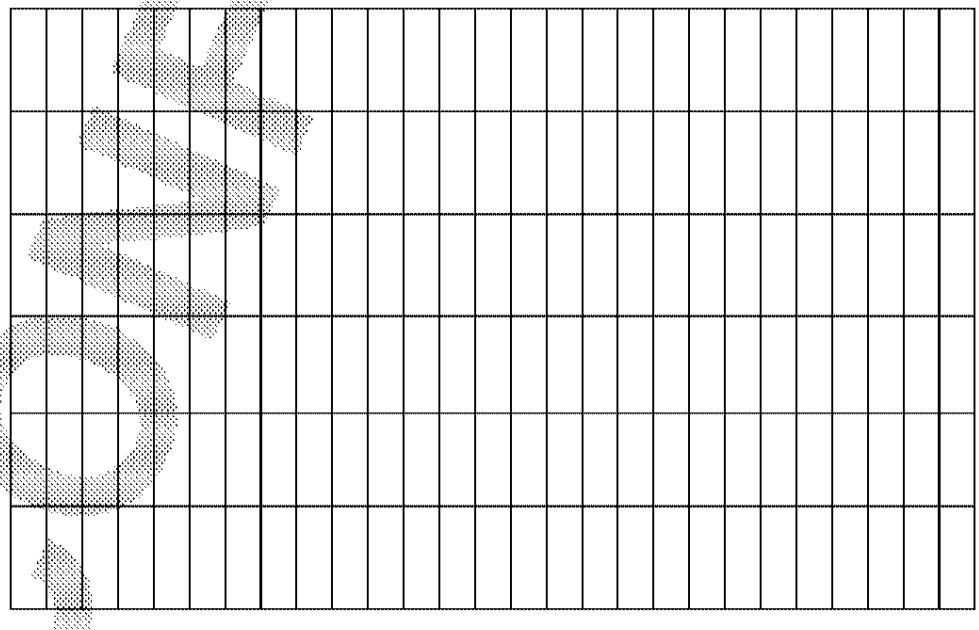

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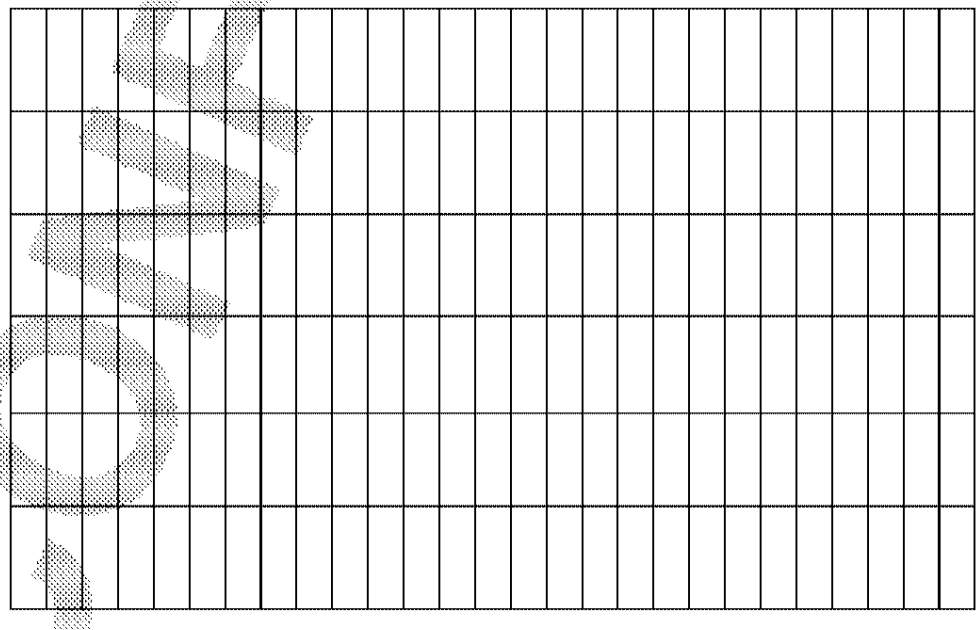

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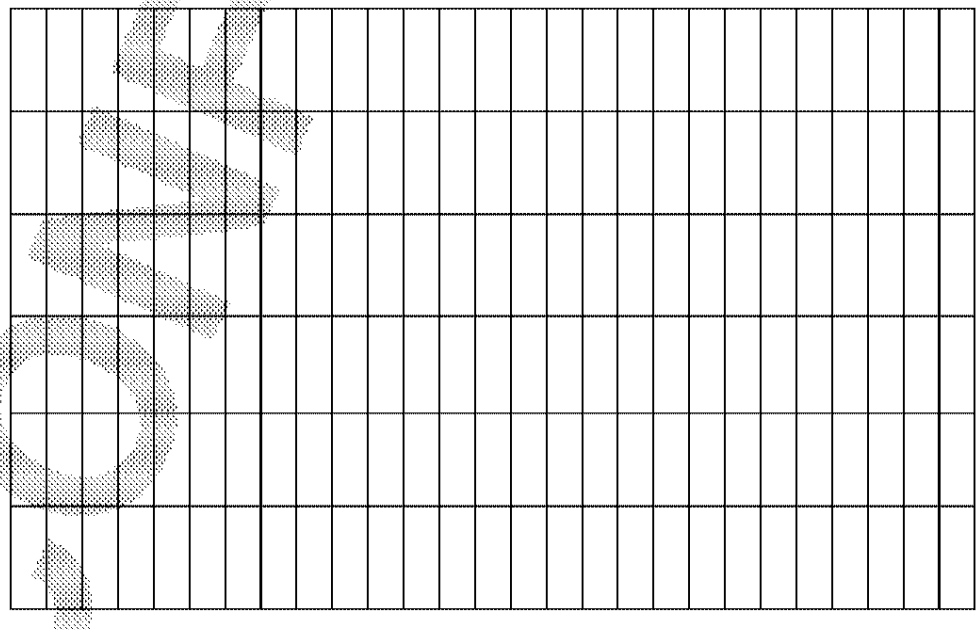

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Summary		
	Total Test + Proof Failures	0
	Total Rejected:	0
	Overall Reject Rate:	

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

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

ILE00092861

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

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

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

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

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

ILE00092866

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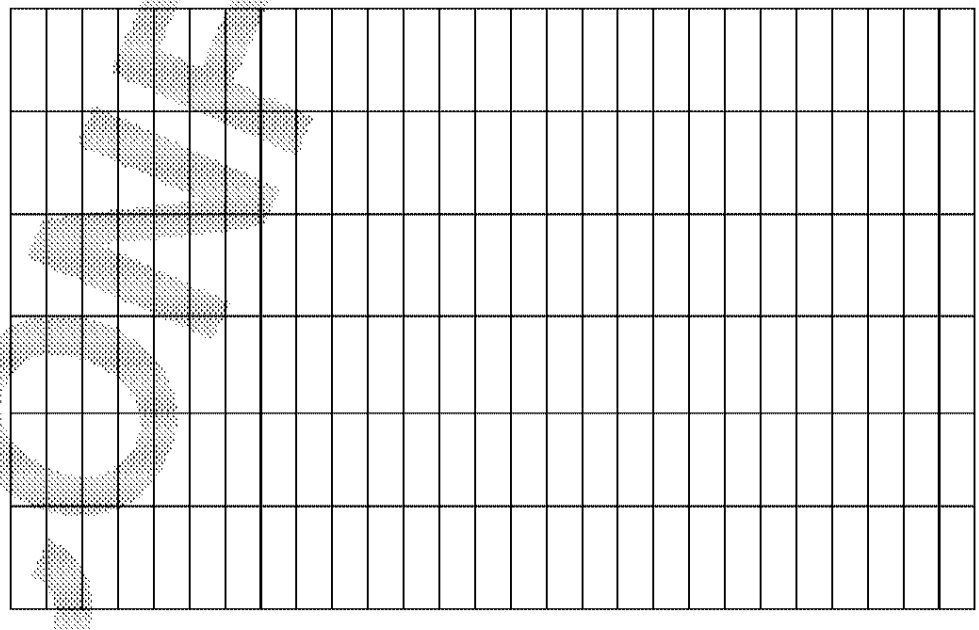
Test Date:

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

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

ILE00092867

CONFIDENTIAL



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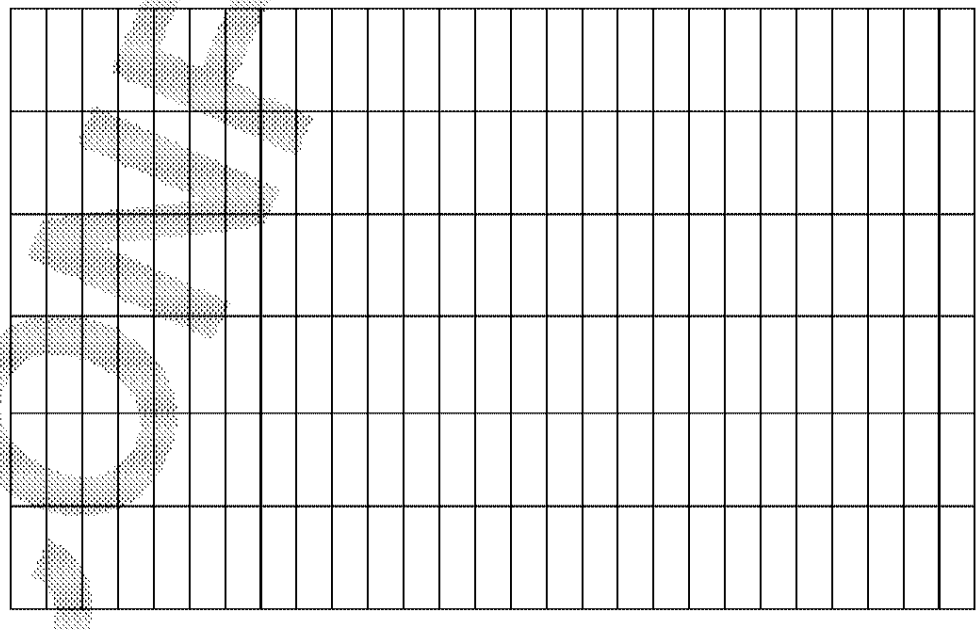

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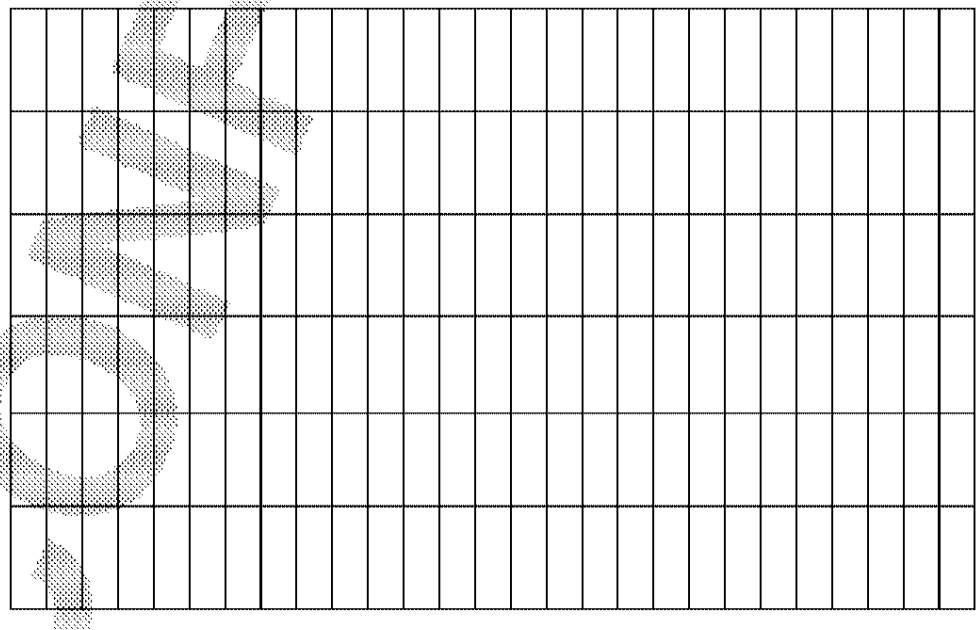

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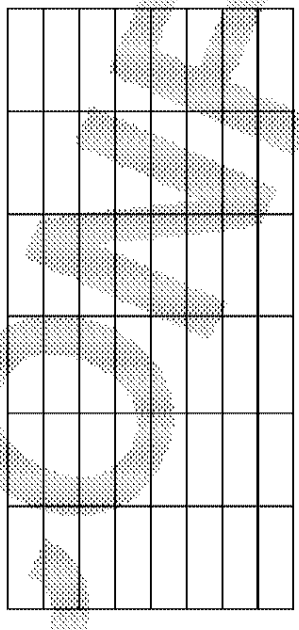

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Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

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

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

ILE00092873

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE0009287

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00092877

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

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

ITE00092878

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

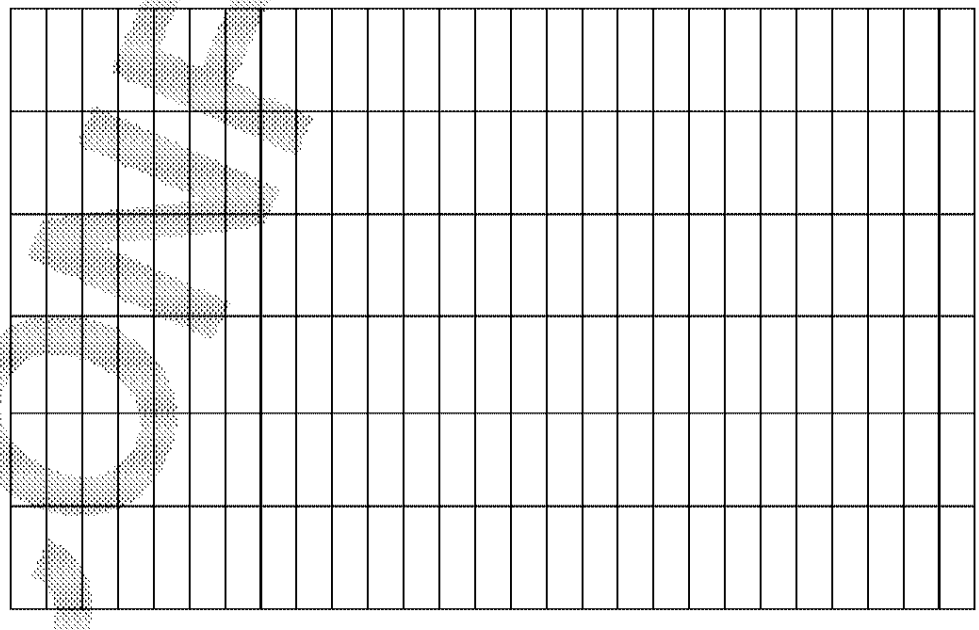
Test Date:

0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0

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

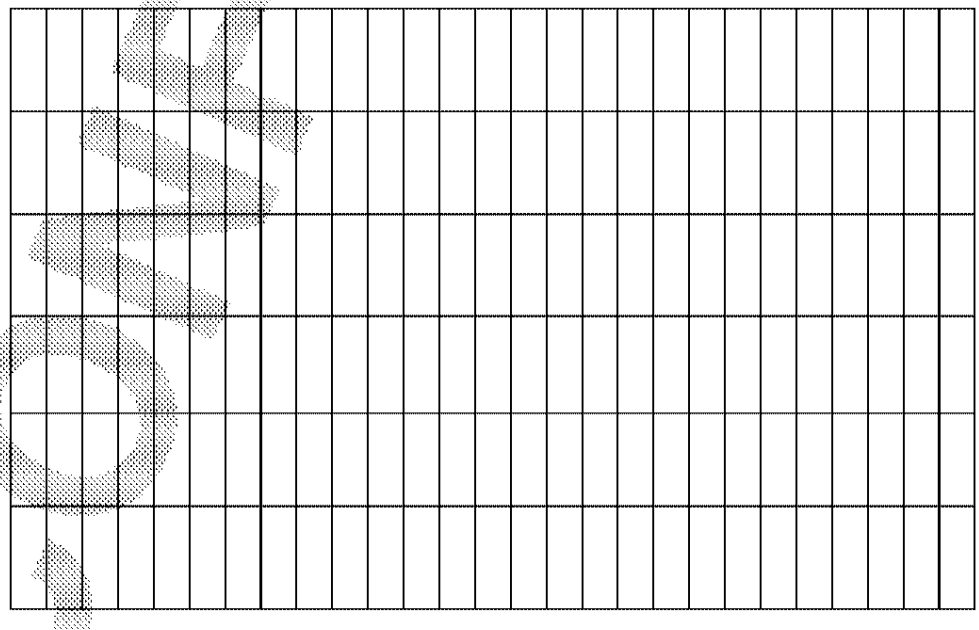
ILE00092879

CONFIDENTIAL



Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

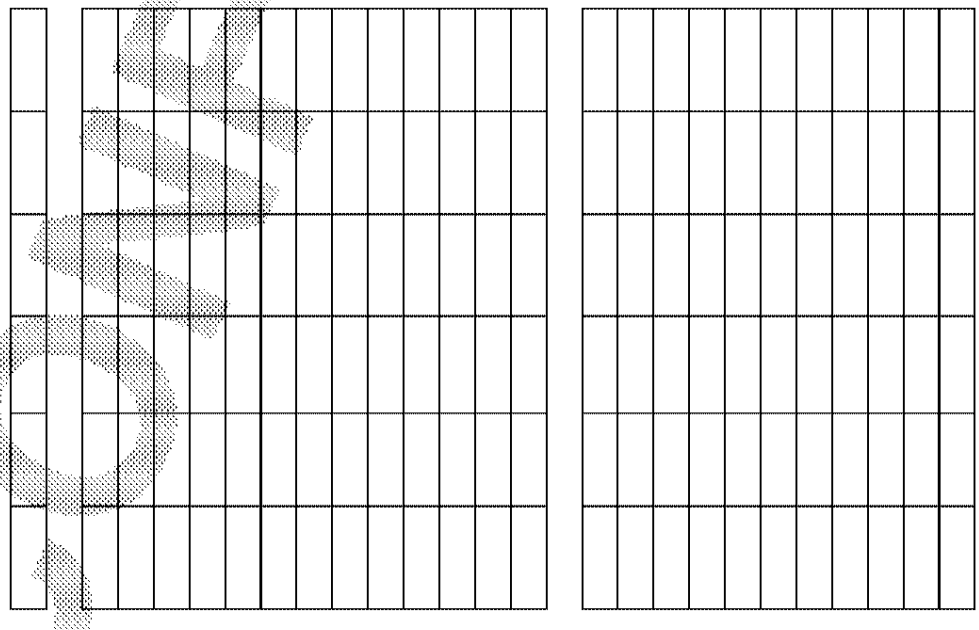


Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL



Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

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

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

ILE00092885

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00092889

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

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

ILE0009289C

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

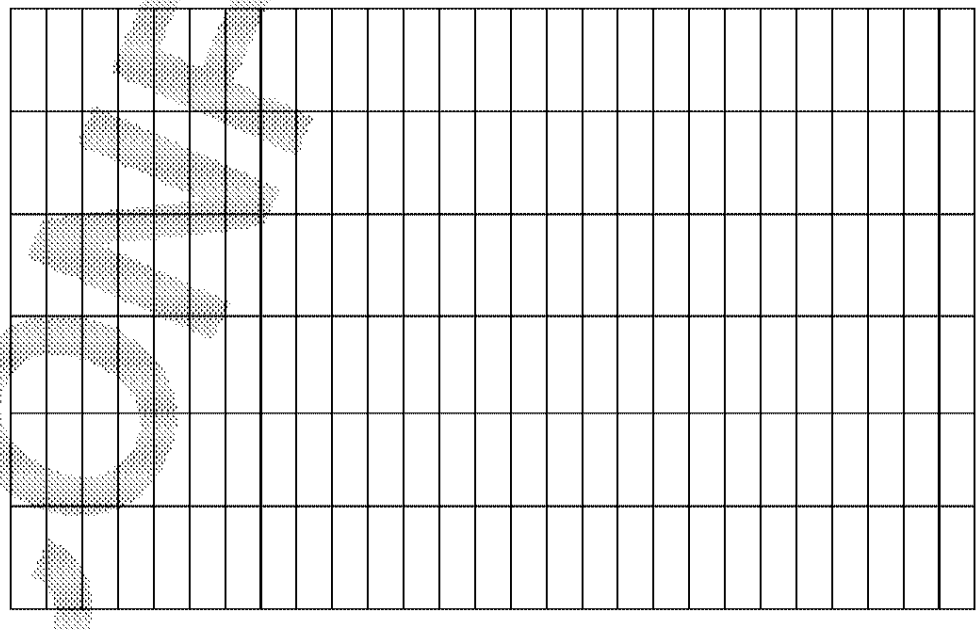
Test Date:

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

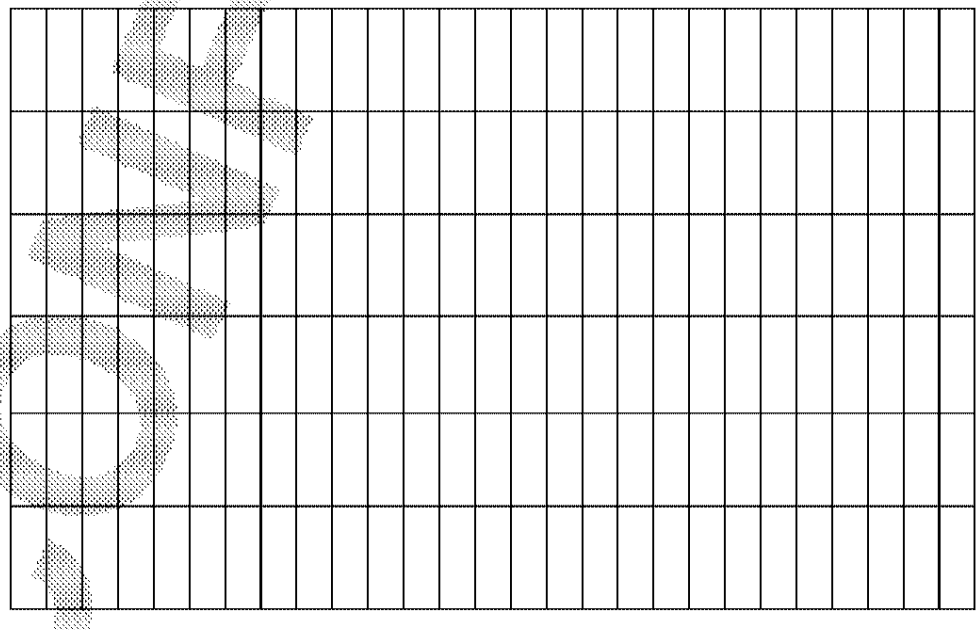
870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

ILE0009289

CONFIDENTIAL



CONFIDENTIAL



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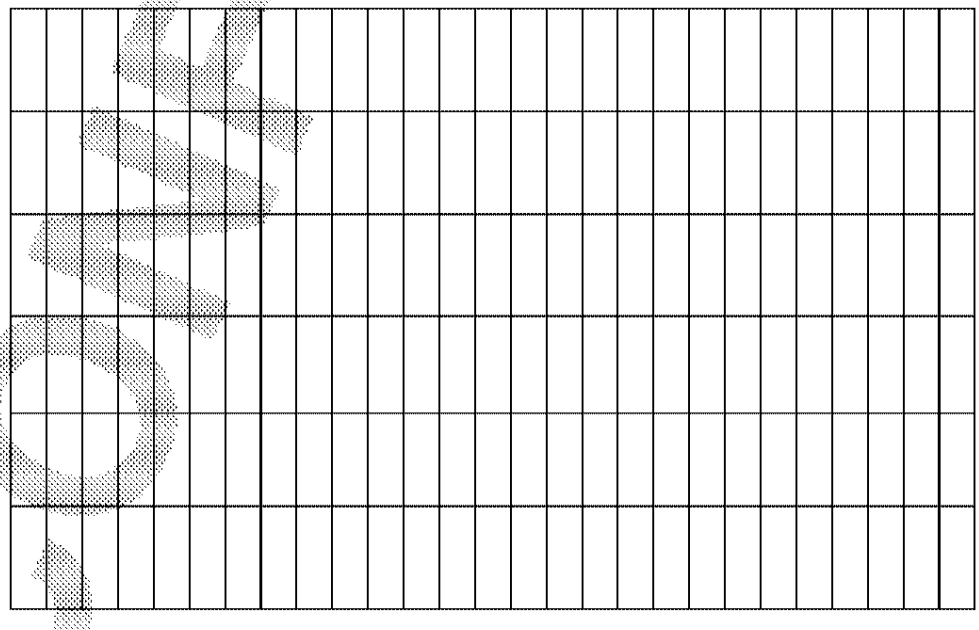
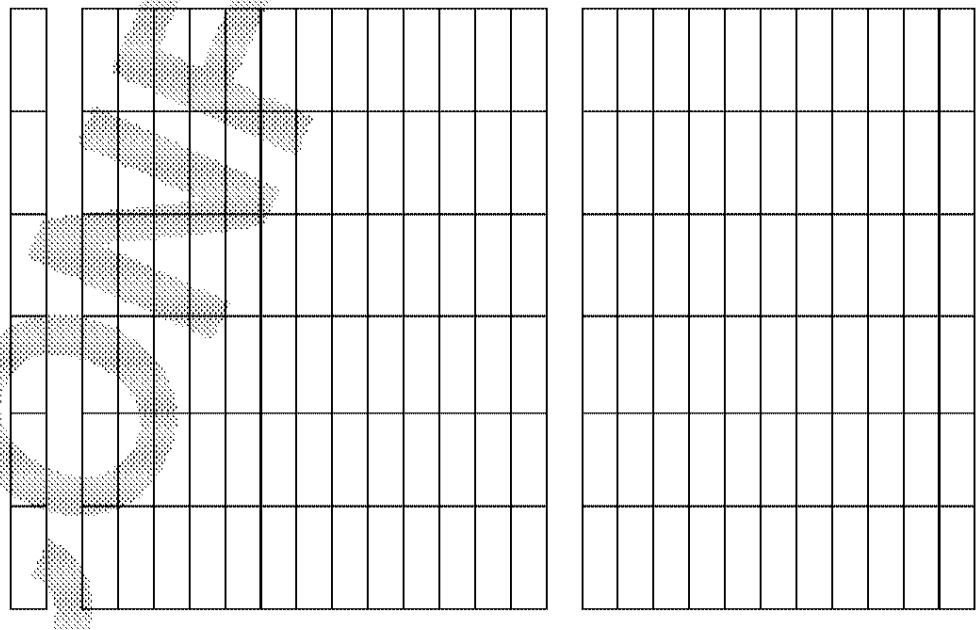


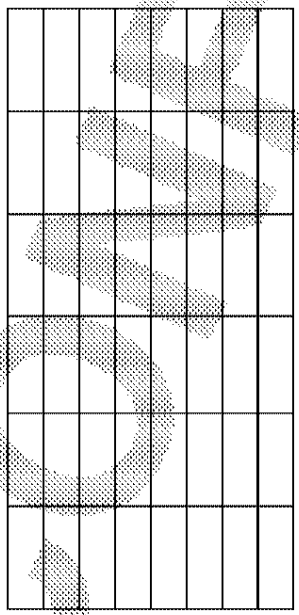
Subject to Protective Order - Williams v. Remington

CONFIDENTIAL



Subject to Protective Order - Williams v. Remington

CONFIDENTIAL



Subject to Protective Order - Williams v. Remington

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

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

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

ILE00092897

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00092898

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00092901

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

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

ILE00092902

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Test Date:

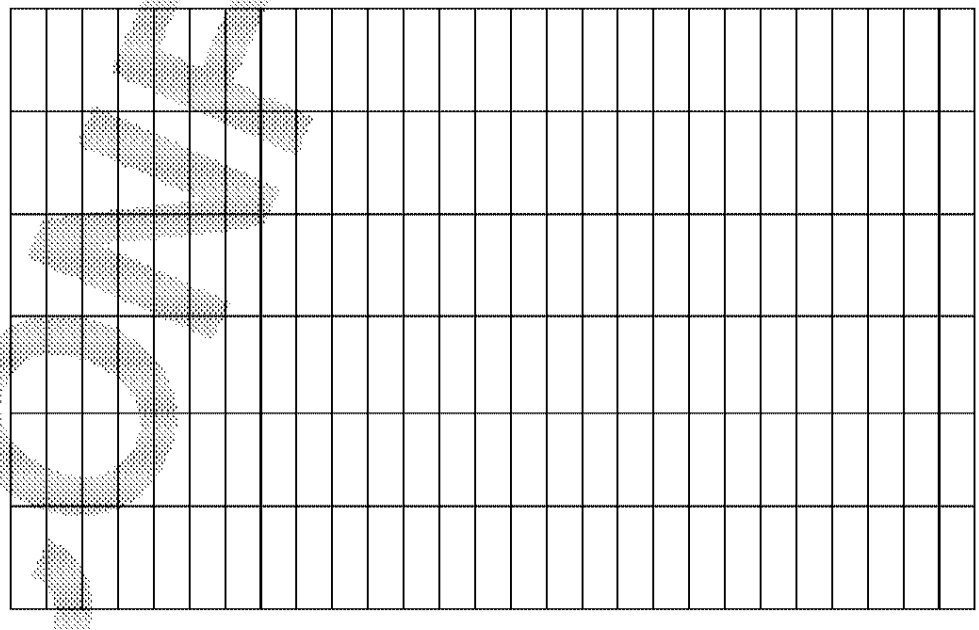
0	*0*	*0*	*0*	*0*	*0*
0	*0*	*0*	*0*	*0*	*0*
0	*0*	*0*	*0*	*0*	*0*

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

ILE00092903

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

CONFIDENTIAL

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

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

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

ILE00092909

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00092911

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00092913

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

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

ILE00092914

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Test Date:

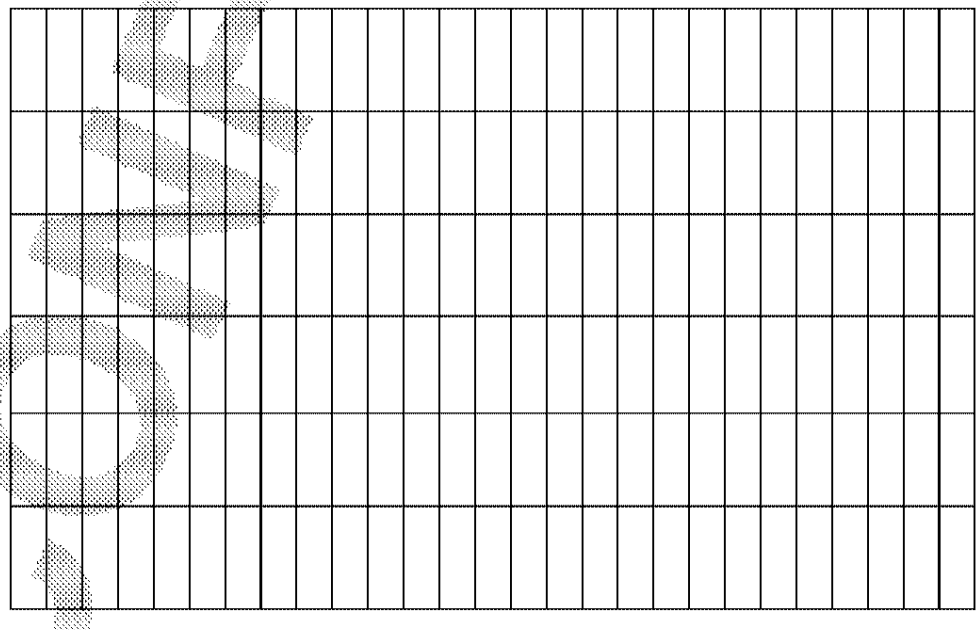
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0

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

ILE00092915

CONFIDENTIAL

CONFIDENTIAL



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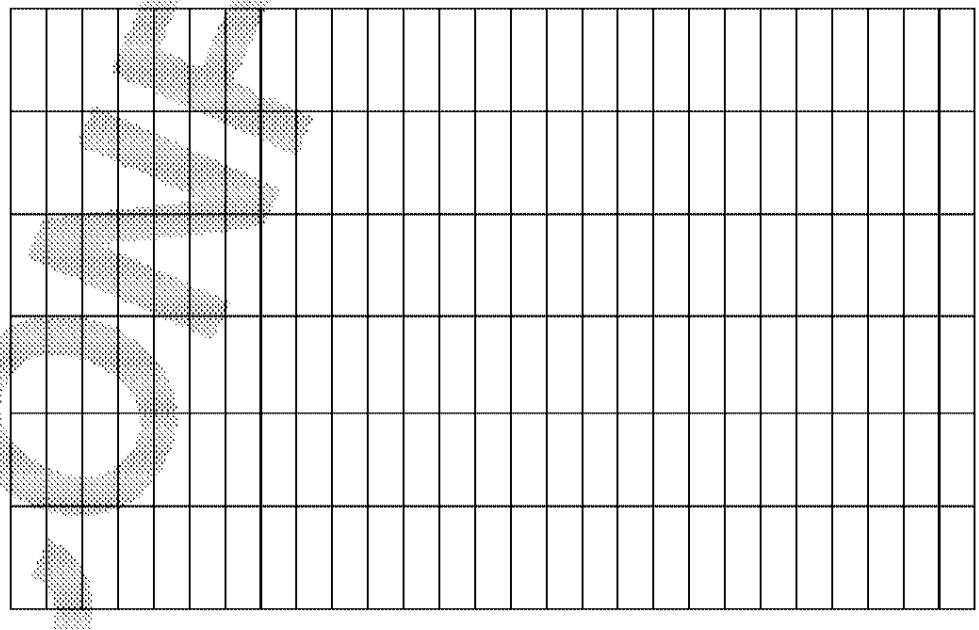
CONFIDENTIAL



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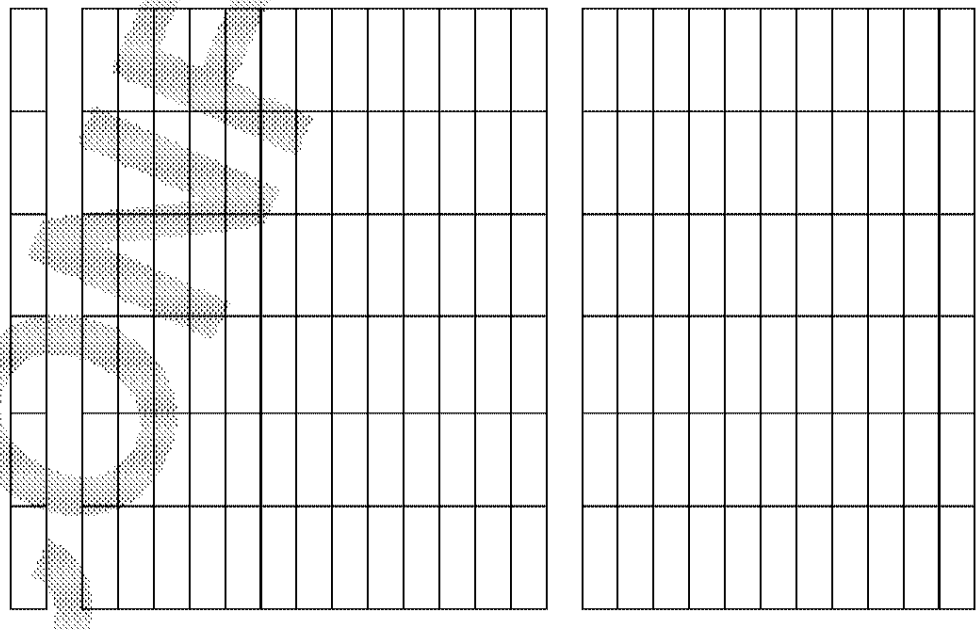
CONFIDENTIAL



Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

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

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

ILE00092921

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00092925

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

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

ILE00092926

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

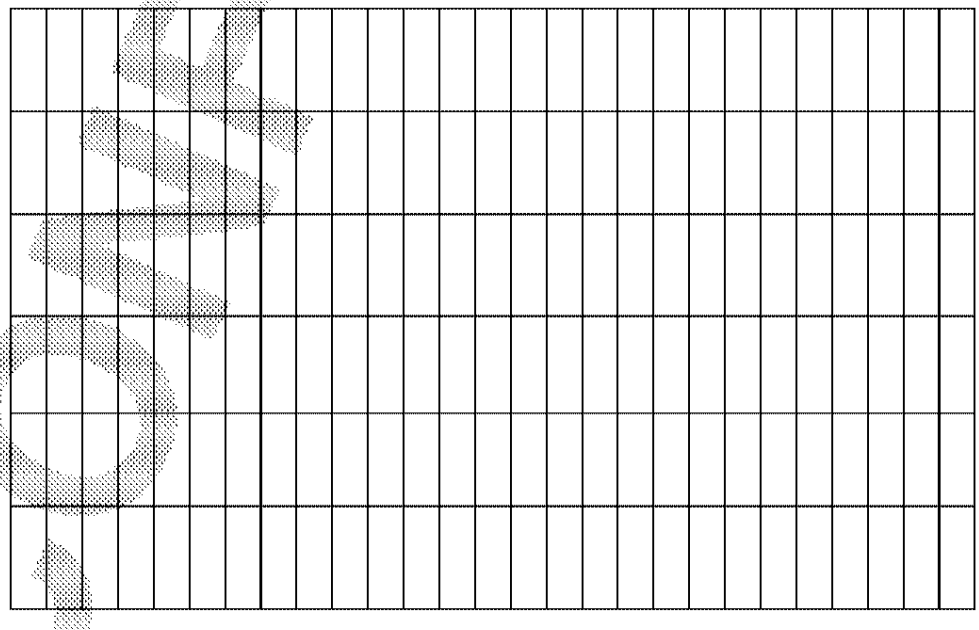
Test Date:

0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0

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

ILE00092927

CONFIDENTIAL



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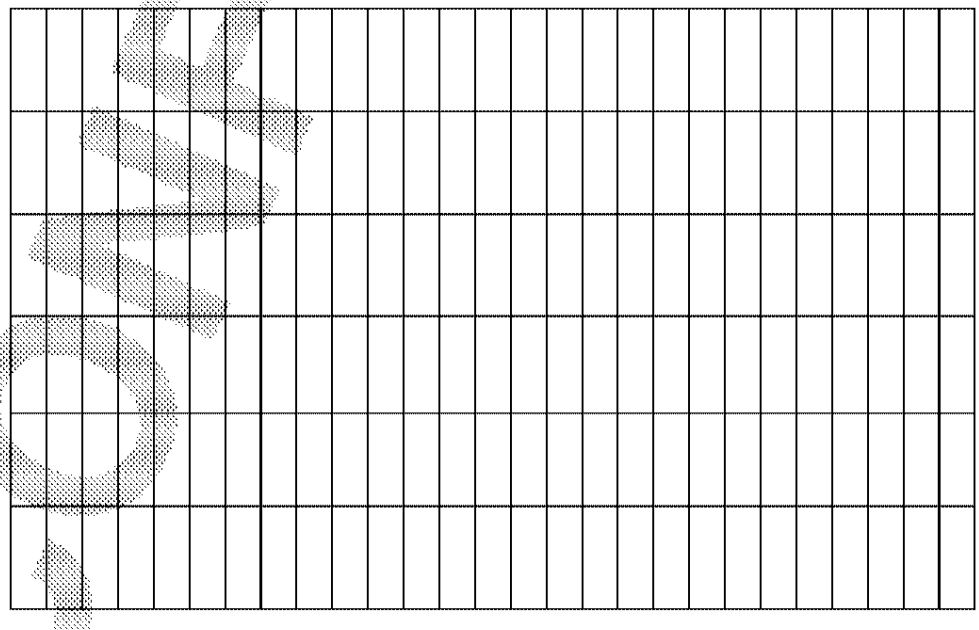
CONFIDENTIAL



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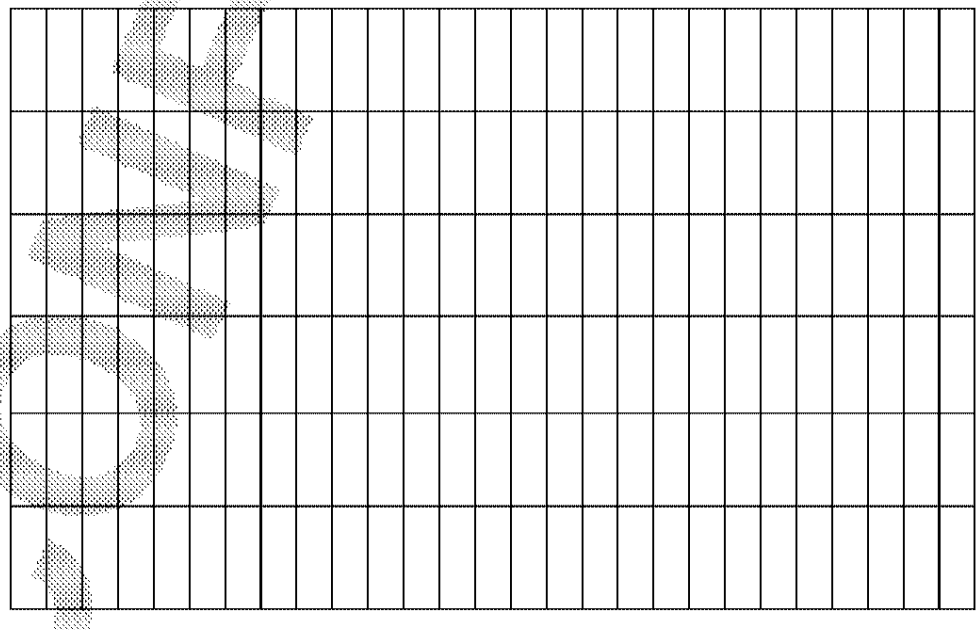

Subject to Protective Order - Williams v. Remington

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Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

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

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

ILE00092933

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00092935

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

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

ILE00092938

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

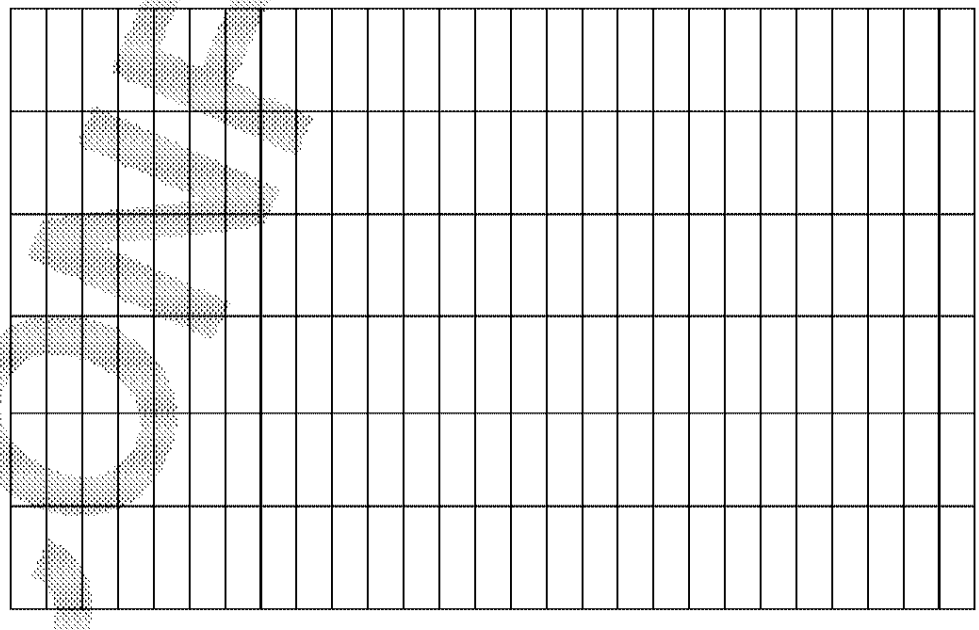
Test Date:

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

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

ILE00092939

CONFIDENTIAL



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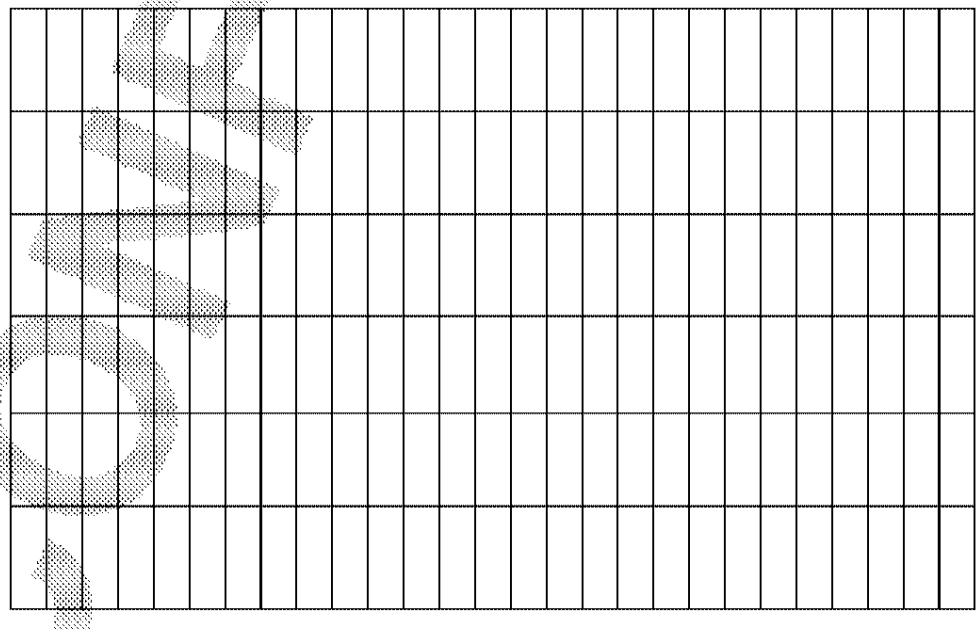
CONFIDENTIAL



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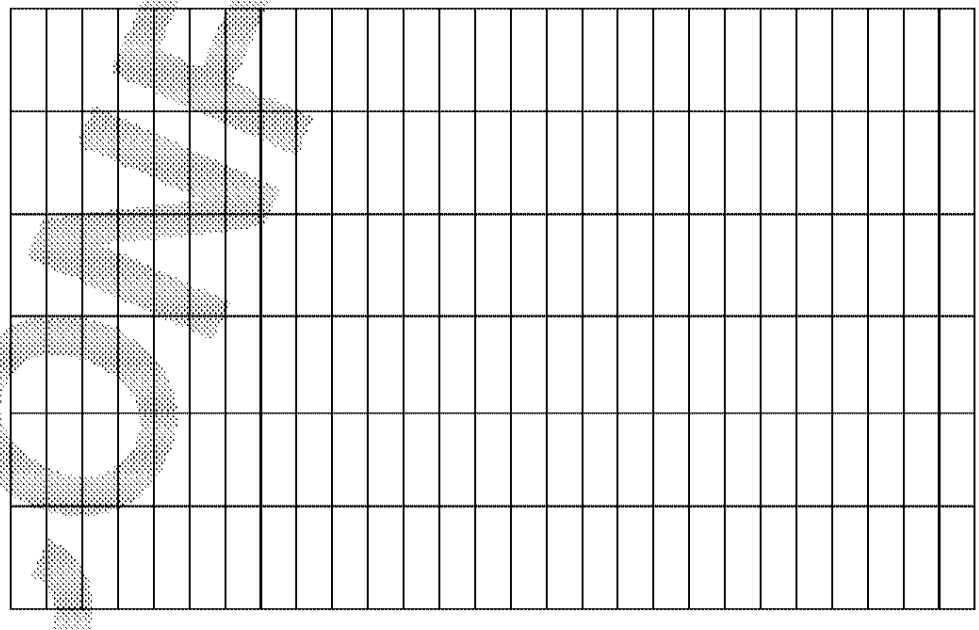
CONFIDENTIAL



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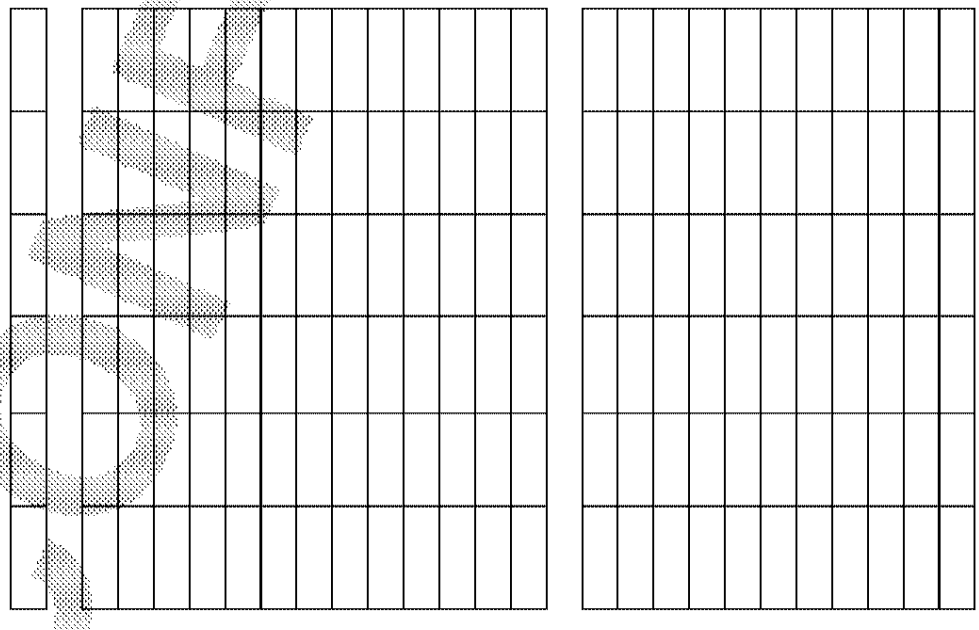
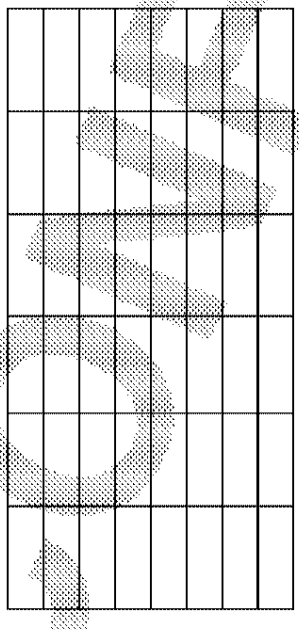


Subject to Protective Order - Williams v. Remington

CONFIDENTIAL



Subject to Protective Order - Williams v. Remington

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

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

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

ILE00092945

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00092946

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00092947

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00092949

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

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

ILE00092950

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

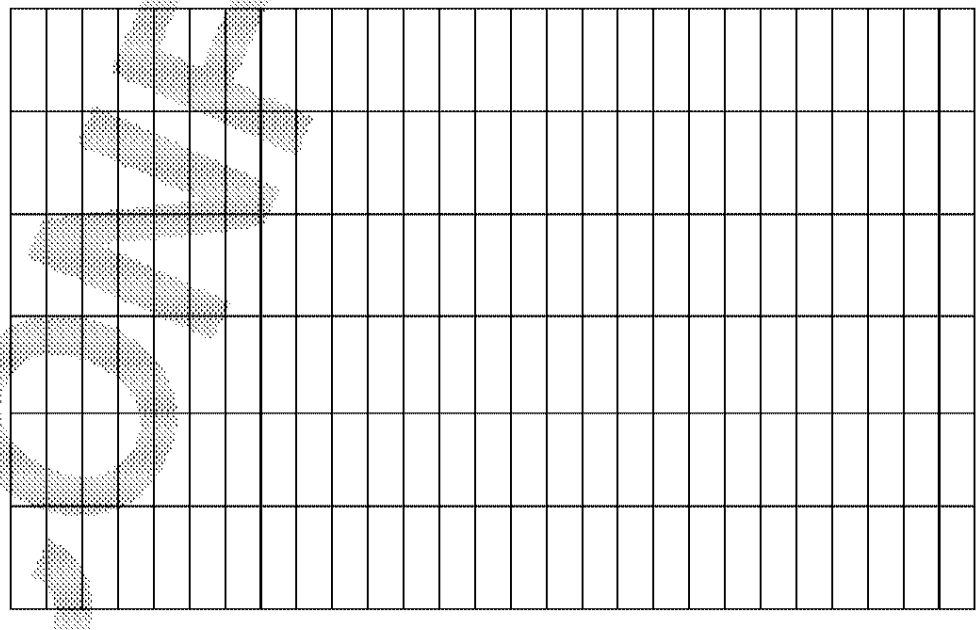
Test Date:

0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0

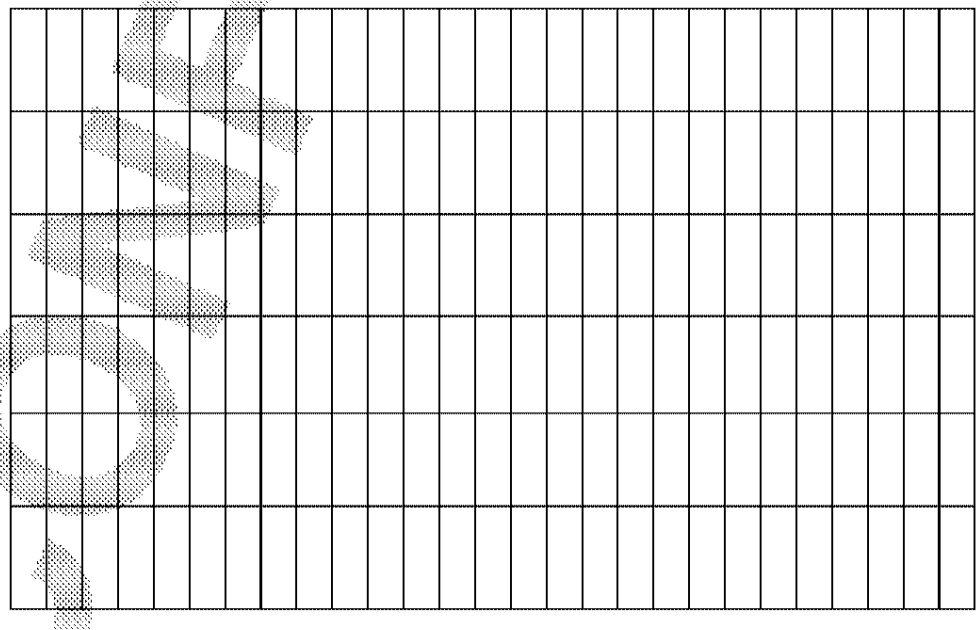
870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

ILE00092951

CONFIDENTIAL

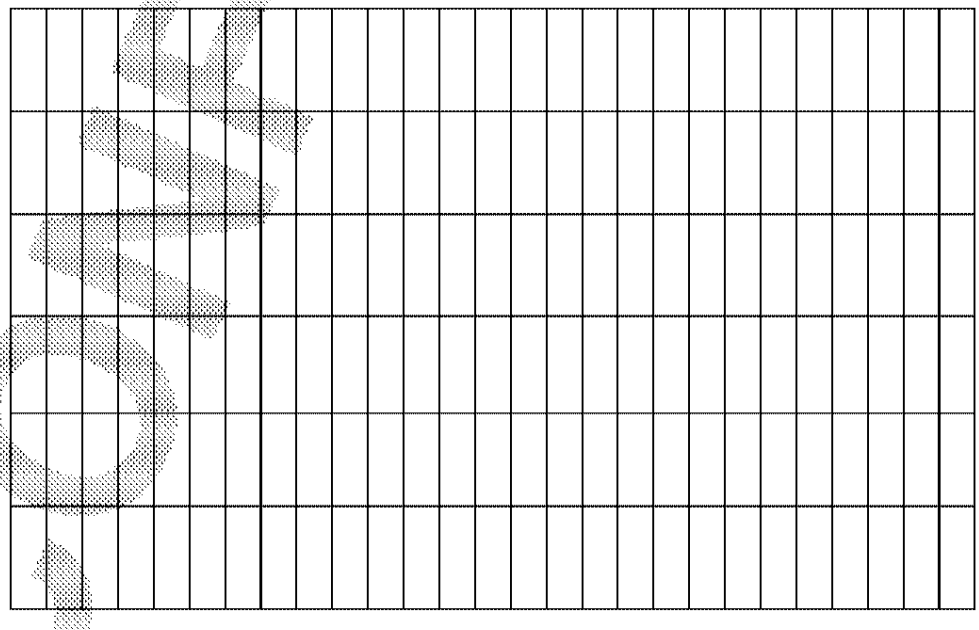


CONFIDENTIAL



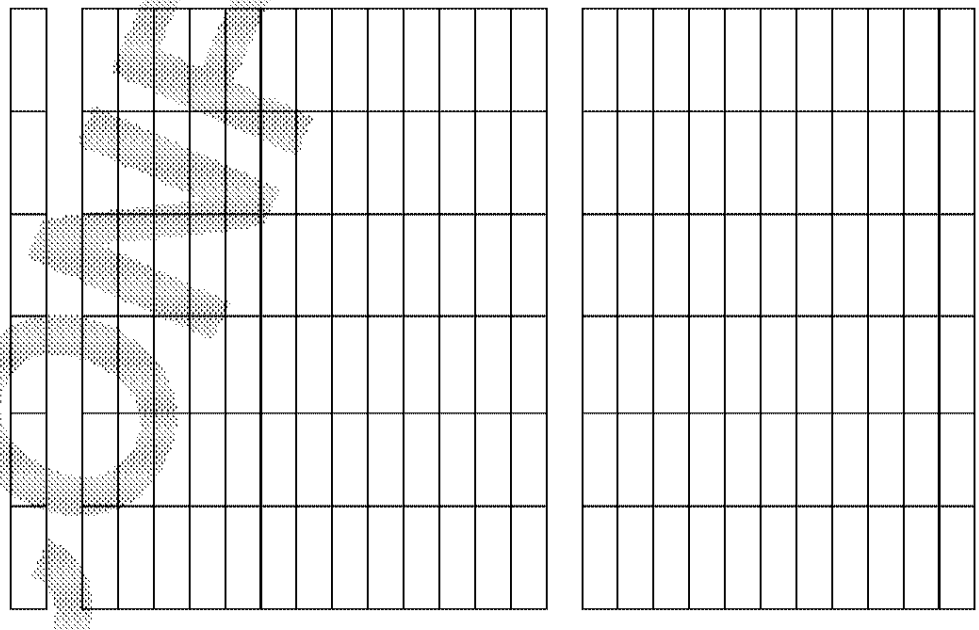
Subject to Protective Order - Williams v. Remington

CONFIDENTIAL



Subject to Protective Order - Williams v. Remington

CONFIDENTIAL



Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

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

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

ILE00092957

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00092958

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00092959

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00092961

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

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

ILE00092962

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

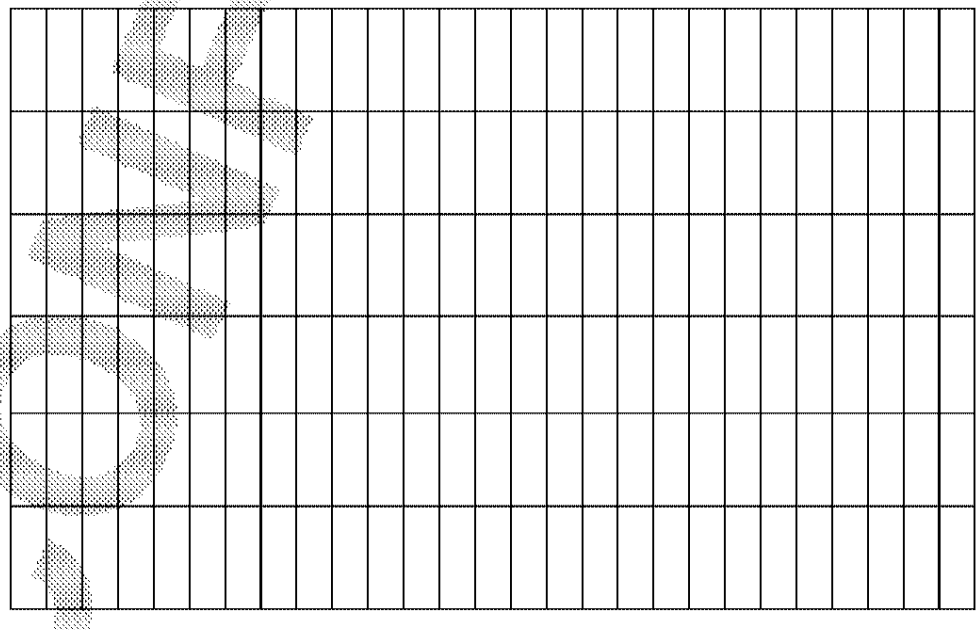
Test Date:

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

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

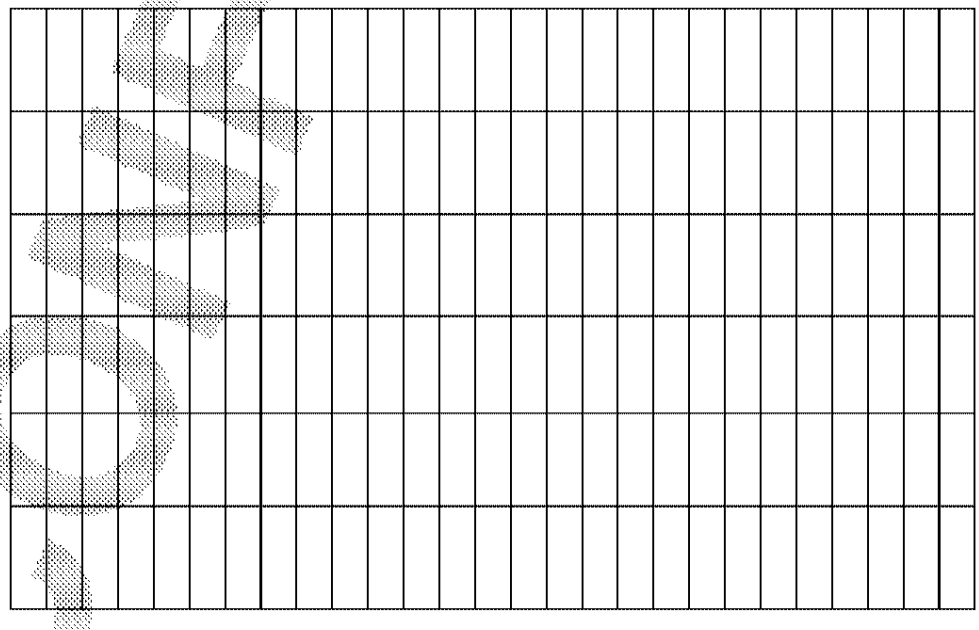
ILE00092963

CONFIDENTIAL



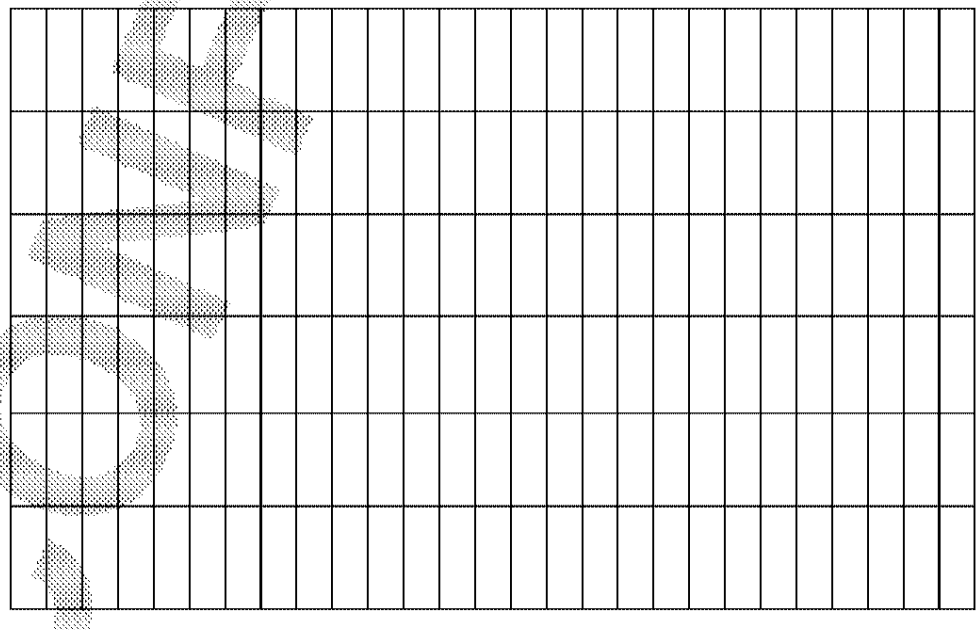
Subject to Protective Order - Williams v. Remington

CONFIDENTIAL



Subject to Protective Order - Williams v. Remington

CONFIDENTIAL



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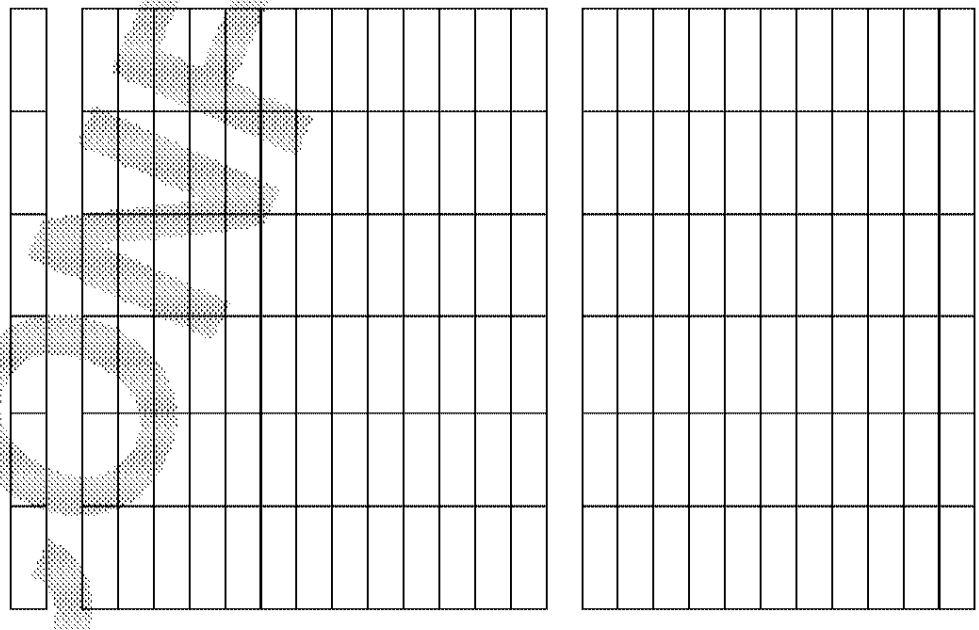


Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

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

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

ILE00092969

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00092971

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00092973

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

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

ILE00092974

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Test Date:

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

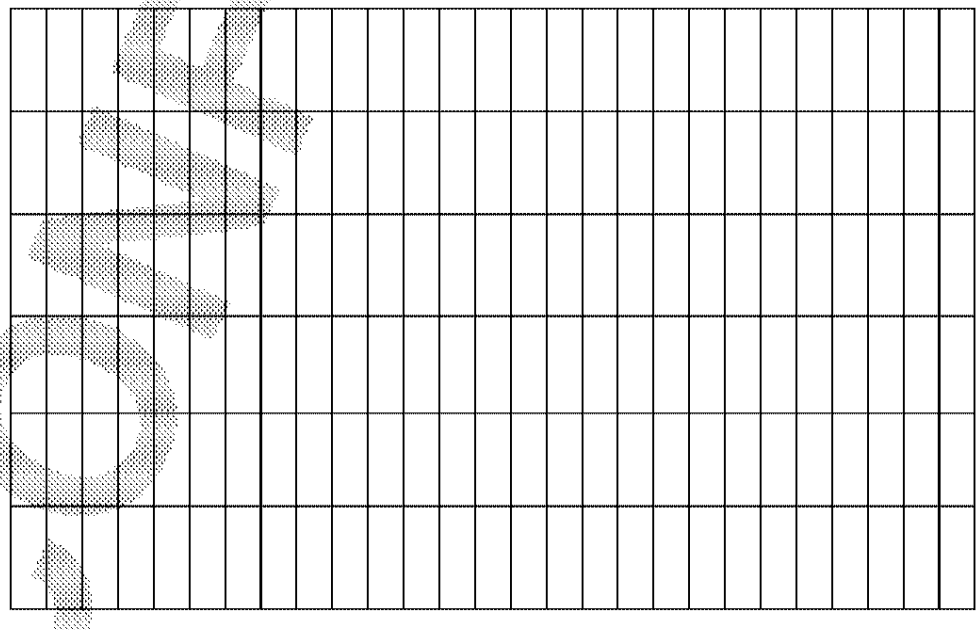
870 20Ga	870 light weight	870 SM	SP10	870 Police	O/U

ILE00092975

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL



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Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

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

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

ILE00092981

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00092983

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00092985

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

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

ILE00092986

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

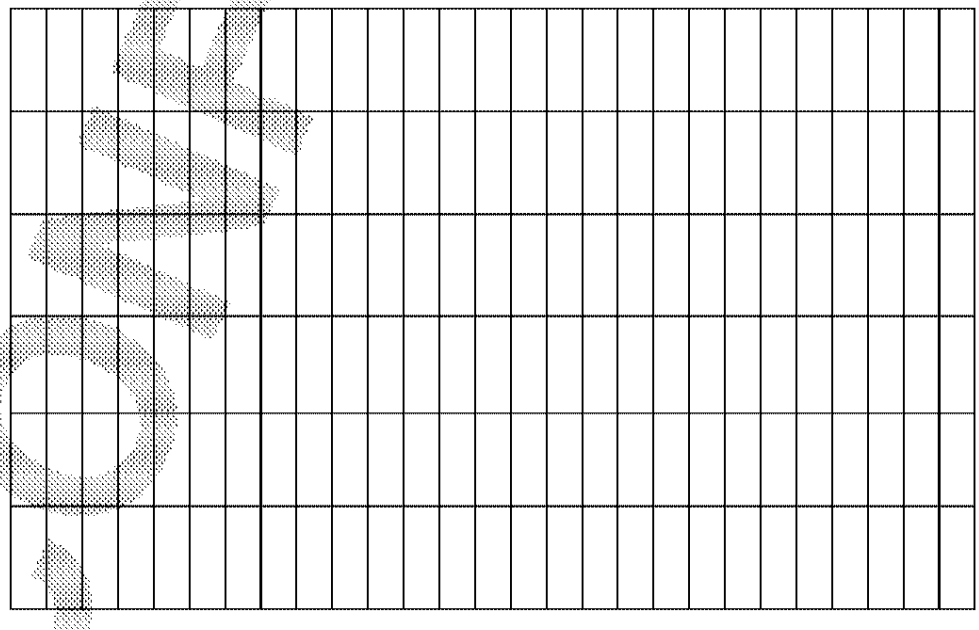
Test Date:

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

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

ILE00092987

CONFIDENTIAL

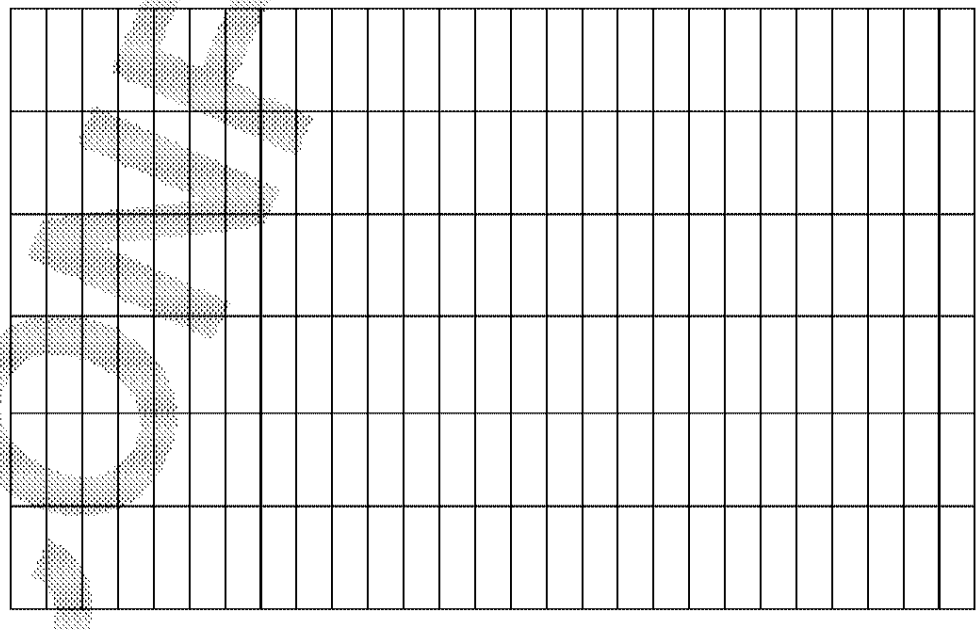


Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL



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

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

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

ILE00092993

Subject to Protective Order: Williams v. Remington

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

ILE00092994

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

ILE00092995

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

Subject to Protective Order: Williams v. Remington

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

ILE00092997

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

ILE00092998

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Test Date:

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

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

ILE00092999

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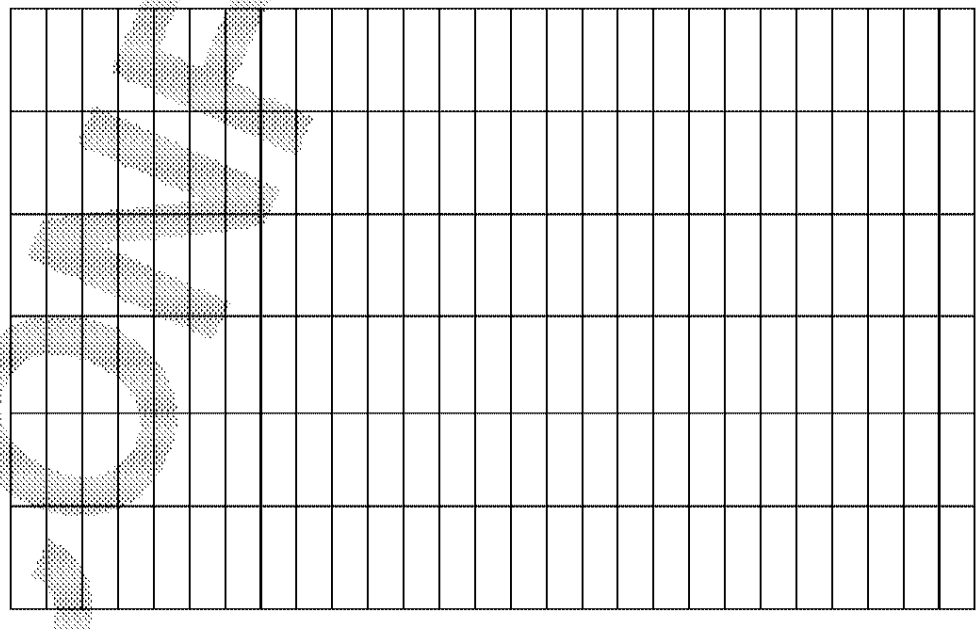

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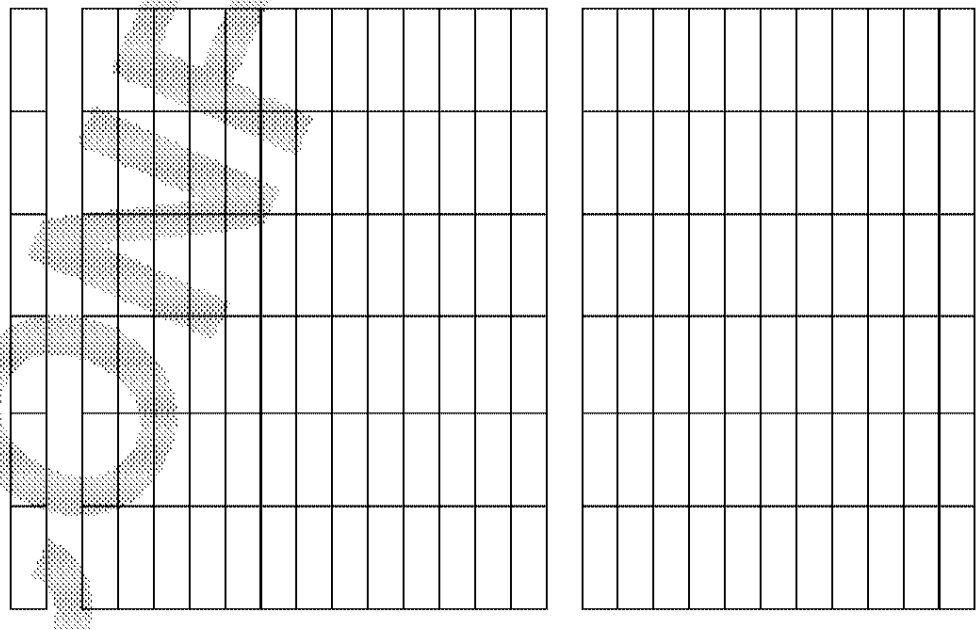

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Summary		
	Total Test + Proof Failures	0
	Total Rejected:	0
	Overall Reject Rate:	

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

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

ILE00093005

Subject to Protective Order: Williams v. Remington

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

ILE00093006

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

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

Subject to Protective Order: Williams v. Remington

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

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

ILE00093010

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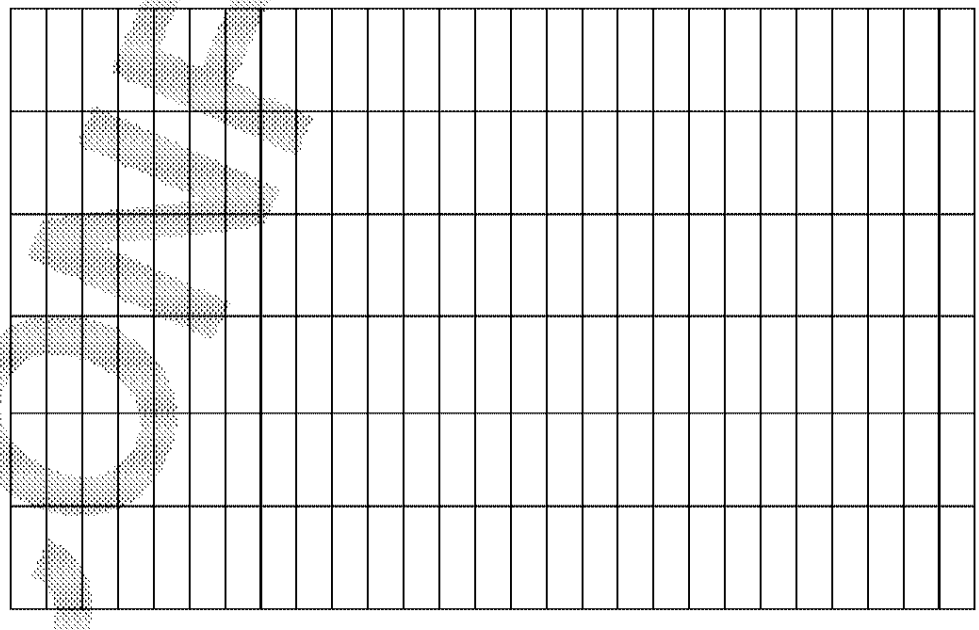
Test Date:

0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0

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

ILE00093011

CONFIDENTIAL



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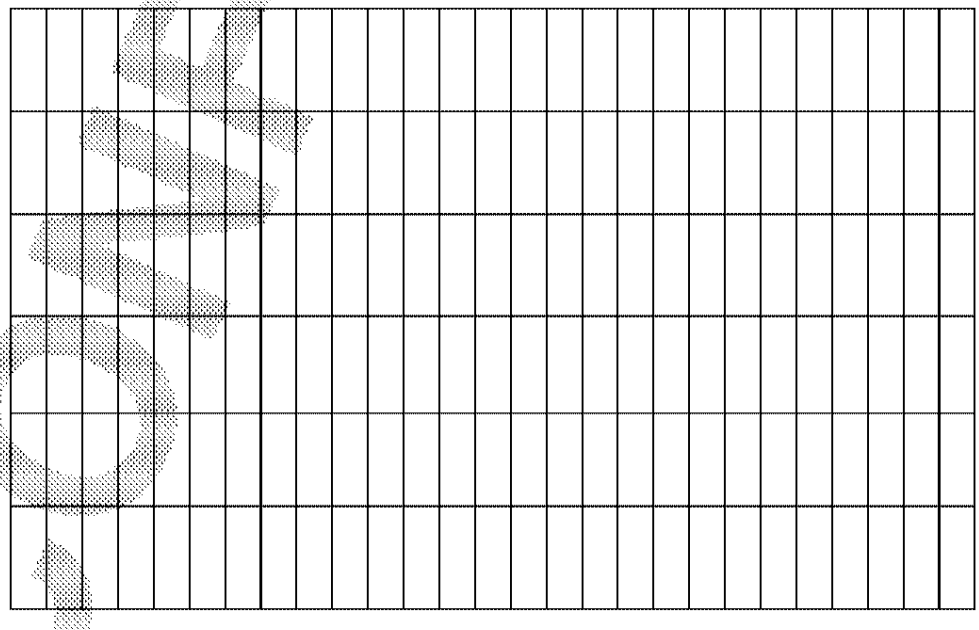

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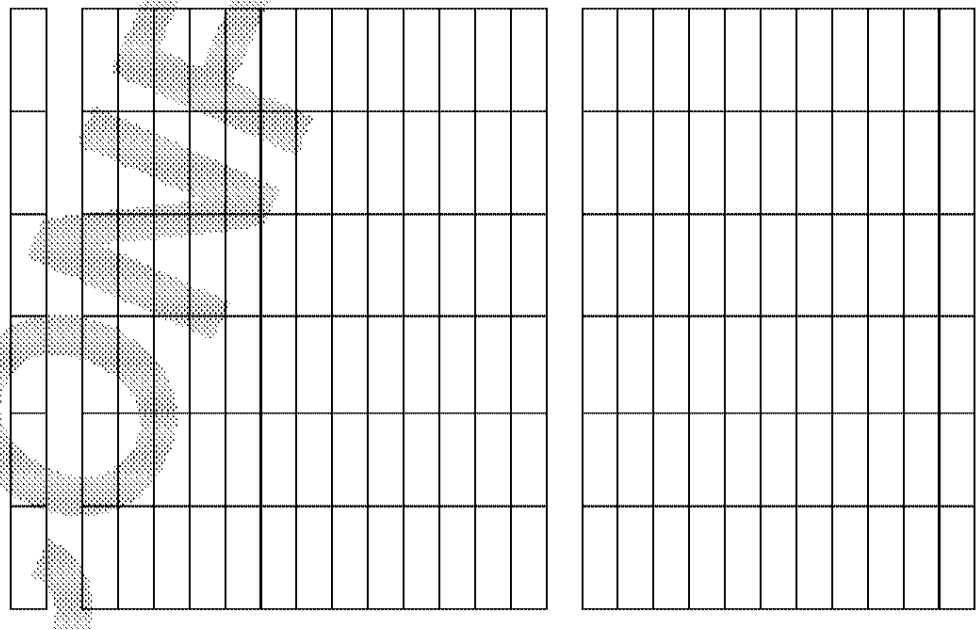

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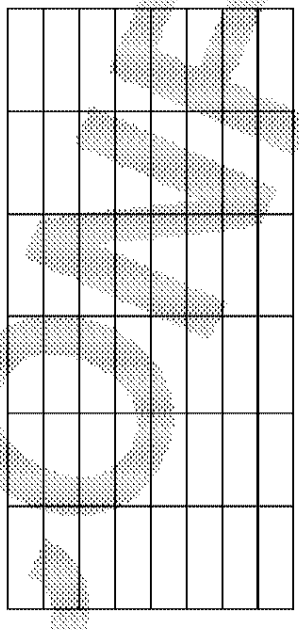

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Summary		
	Total Test + Proof Failures	0
	Total Rejected:	0
	Overall Reject Rate:	

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

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

ILE00093017

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

ILE00093018

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

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

Subject to Protective Order: Williams v. Remington

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

ILE00093021

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

ILE00093022

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Test Date:

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

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

ILE00093023

CONFIDENTIAL

CONFIDENTIAL

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Subject to Protective Order - Williams v. Remington

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Subject to Protective Order - Williams v. Remington

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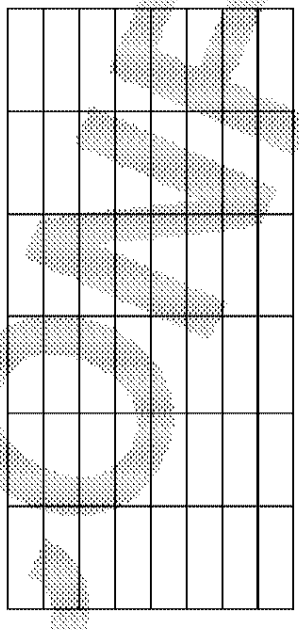

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Subject to Protective Order: Williams v. Remington

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

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

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

ILE00093029

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00093030

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00093033

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

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

ILE00093034

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Test Date:

0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0

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

ILE00093035

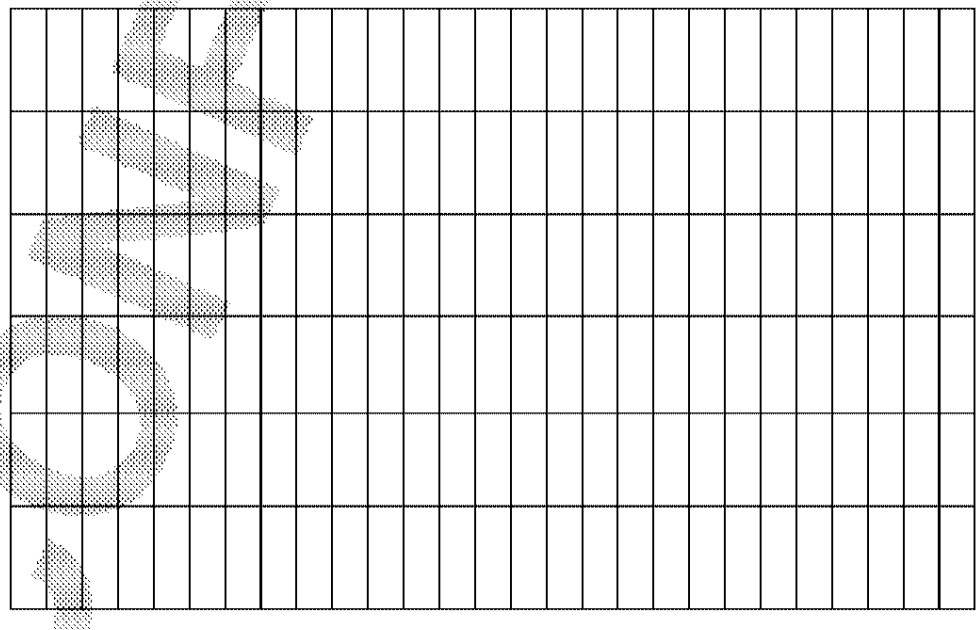
CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL



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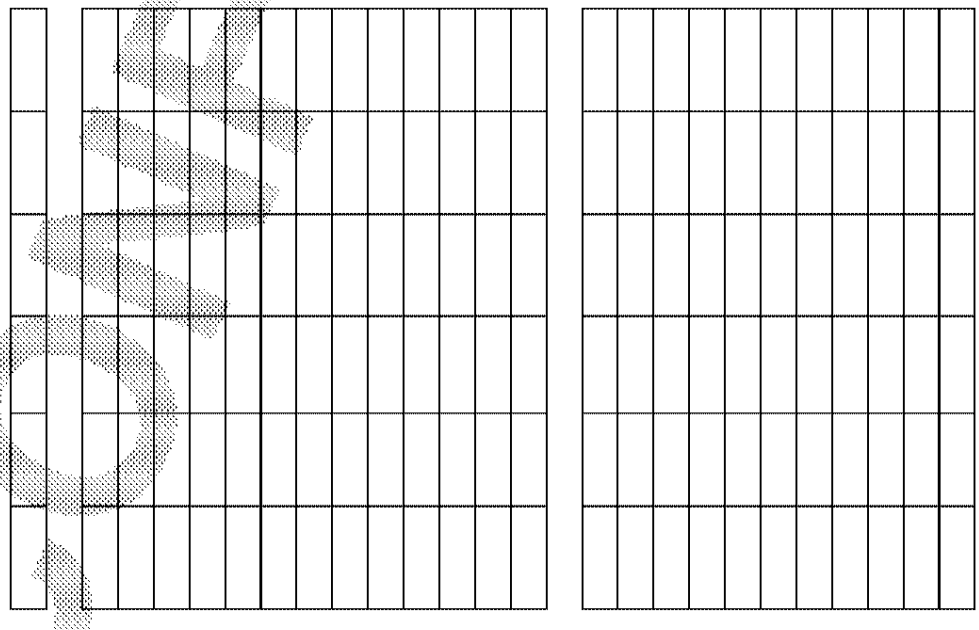

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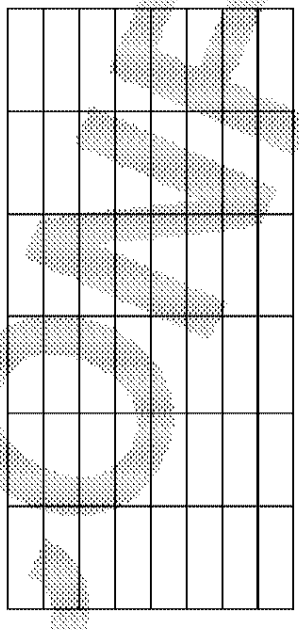
CONFIDENTIAL



Subject to Protective Order - Williams v. Remington

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

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

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

ILE00093041

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00093043

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00093045

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

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

ILE00093046

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

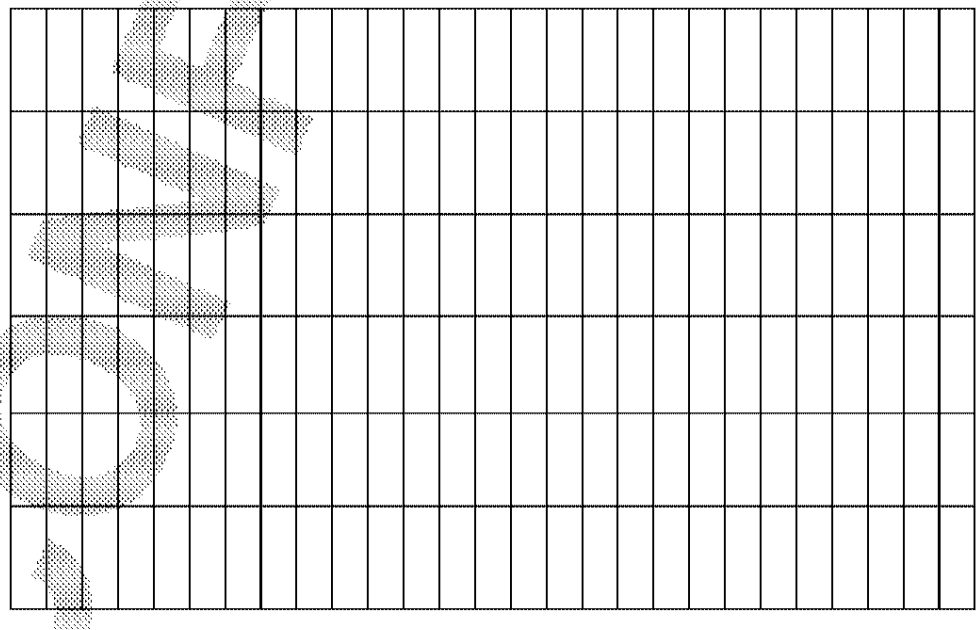
Test Date:

0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0

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

ILE00093047

CONFIDENTIAL



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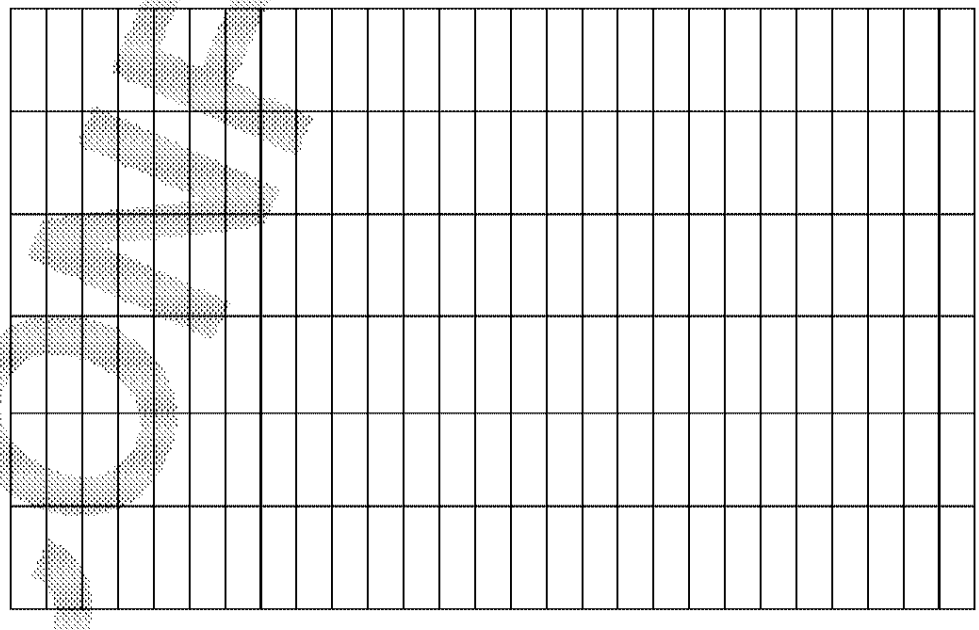
CONFIDENTIAL



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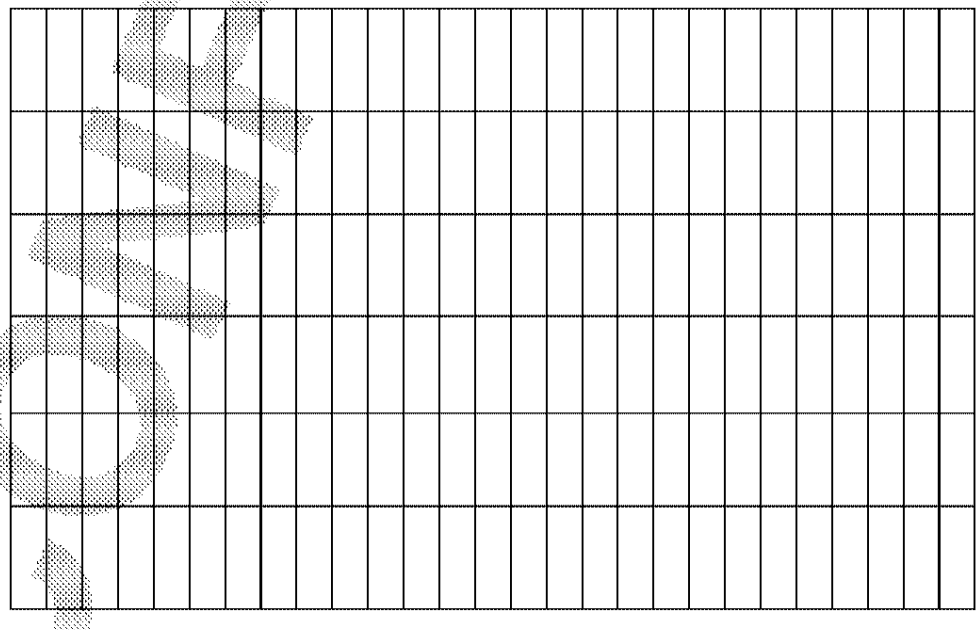
CONFIDENTIAL



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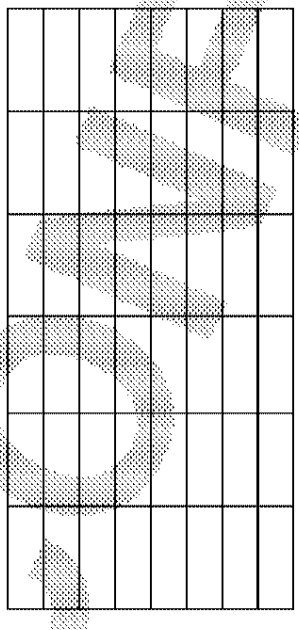
CONFIDENTIAL



Subject to Protective Order - Williams v. Remington

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

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

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

ILE00093053

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00093054

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00093056

Subject to Protective Order: Williams v. Remington

CONFIDENTIAL

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

ILE00093057

Subject to Protective Order - Williams v. Remington

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

CONFIDENTIAL

ILE00093058

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

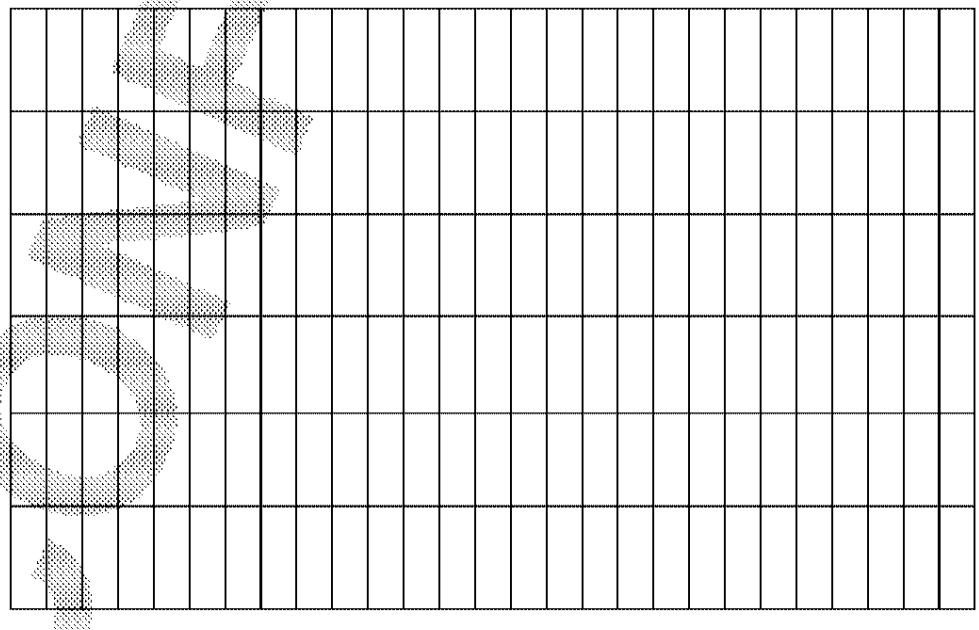
Test Date:

0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0

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

ILE00093059

CONFIDENTIAL

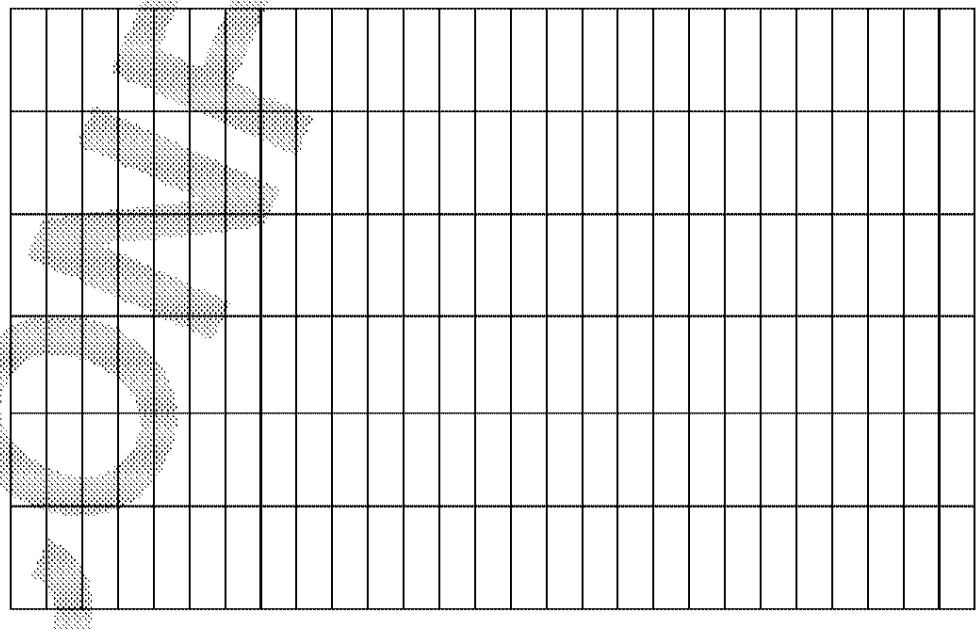


Subject to Protective Order - Williams v. Remington

CONFIDENTIAL

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL



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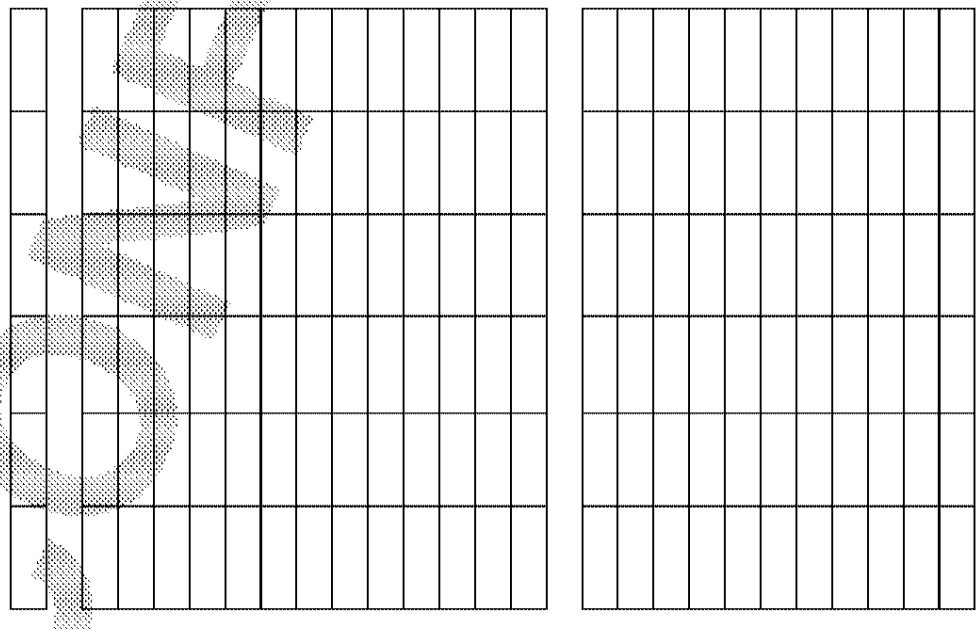

Subject to Protective Order - Williams v. Remington

CONFIDENTIAL