

C6523368

MODEL 700™ N24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06523368
1 Nov 1990

CENTROIDAL DISTANCES

0 TO 1	.487231
1 TO 2	.445785
1 TO 3	.644845
1 TO 4	.396879
1 TO 5	.43115

$\frac{1}{5}$ <----POA

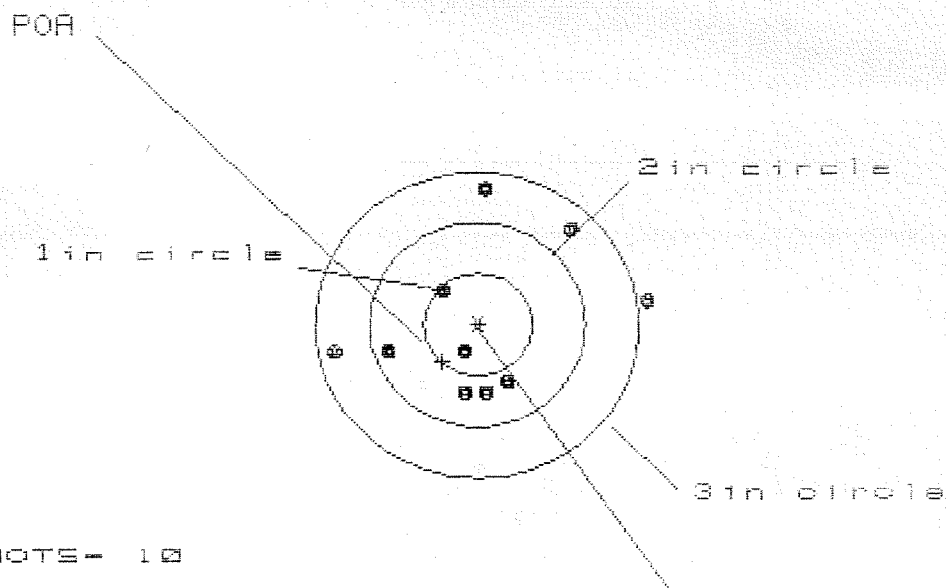
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .153
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0782
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .171826

THE AMR FOR THIS RIFLE IS: .8886

1 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8523368

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS= 2.893

VS= 2.028

GS= 2.937

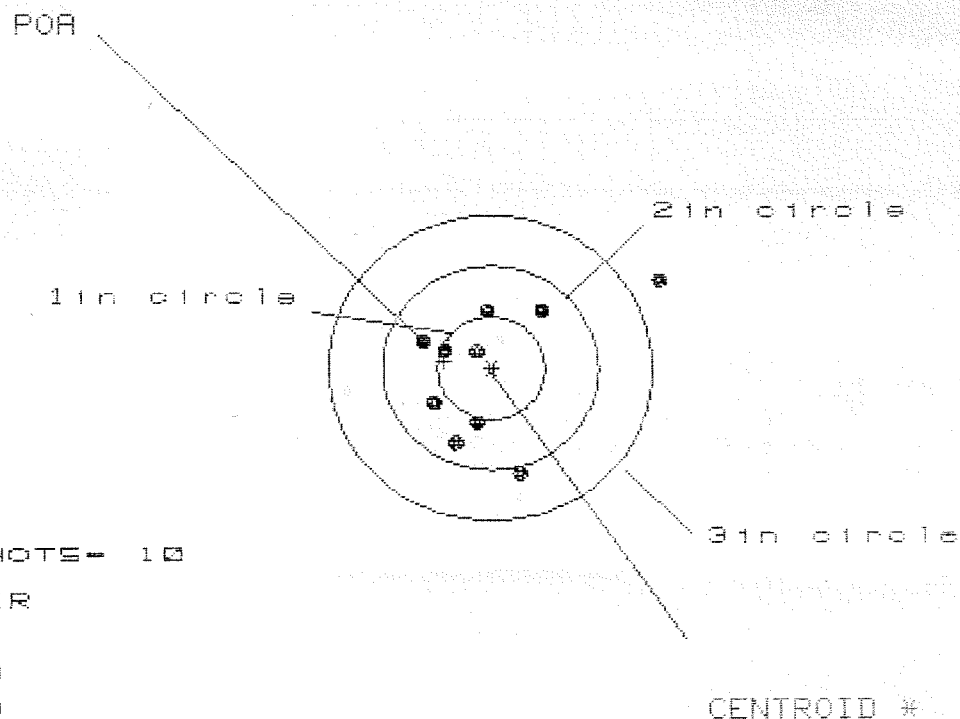
CENTROID *

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.533	1.048	.899
MINIMUM X	-1.360	-1.190	-.779
MAXIMUM Y	1.337	1.359	1.324
MINIMUM Y	-.692	-.669	-.704
CENTROID X	.325	.155	.304
CENTROID Y	.363	.341	.376
POA TO CENTROID in.	.488	.374	.483
MIN RADIUS	.312	.245	.313
MEAN RADIUS	.910	.810	.769
MAX RADIUS	1.546	1.394	1.328
HORIZONTAL SPREAD	2.893	2.238	1.678
VERTICAL SPREAD	2.028	2.028	2.028
EXTREME SPREAD	2.937	2.540	2.043
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

1 Nov 1990

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CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 1

2in = 8

3in = 9

HS = 2.200

VS = 1.870

GS = 2.492

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.531	.606	.666
MINIMUM X	:	-.677	-.507	-.447
MAXIMUM Y	:	.868	.699	.586
MINIMUM Y	:	-1.002	-.906	-.762
CENTROID X	:	.435	.265	.205
CENTROID Y	:	-.069	-.165	-.052
POA TO CENTROID in.	:	.440	.312	.212
MIN RADIUS	:	.225	.295	.211
MEAN RADIUS	:	.757	.610	.536
MAX RADIUS	:	1.760	1.023	.887
HORIZONTAL SPREAD	:	2.200	1.113	1.113
VERTICAL SPREAD	:	1.870	1.605	1.348
EXTREME SPREAD	:	2.492	1.610	1.570
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

1 Nov 1990

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CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 2.455

VS= 1.886

GS= 2.566

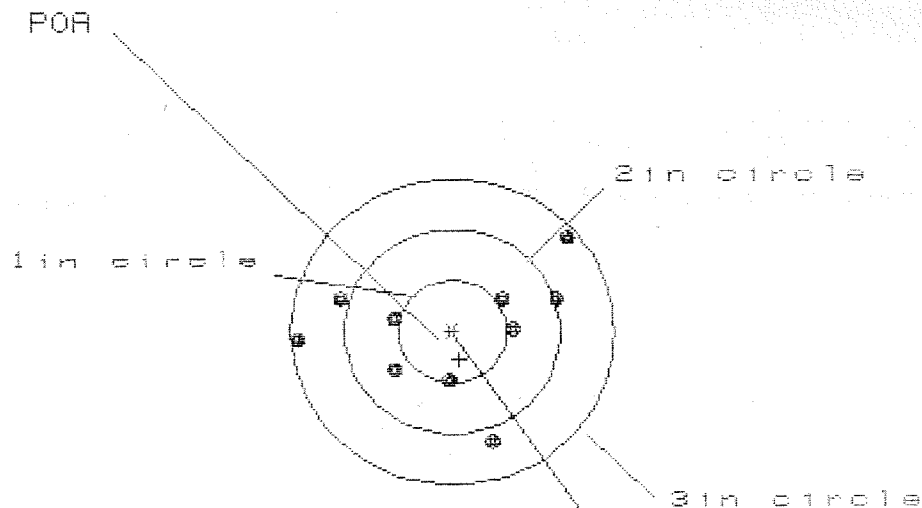
CENTROID #

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.287	1.374	1.239
MINIMUM X	-1.168	-1.081	-.946
MAXIMUM Y	.637	.498	.408
MINIMUM Y	-1.249	-.716	-.493
CENTROID X	-.035	-.122	.013
CENTROID Y	-.172	-.033	.057
POA TO CENTROID in.	.175	.126	.058
MIN RADIUS	.236	.153	.010
MEAN RADIUS	.855	.742	.646
MAX RADIUS	1.474	1.374	1.240
HORIZONTAL SPREAD	2.455	2.455	2.185
VERTICAL SPREAD	1.886	1.214	.901
EXTREME SPREAD	2.566	2.566	2.227
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

1 May 1990

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in - 1

2in - 5

3in - 10

HS- 2.491

VS- 1.993

GS- 2.663

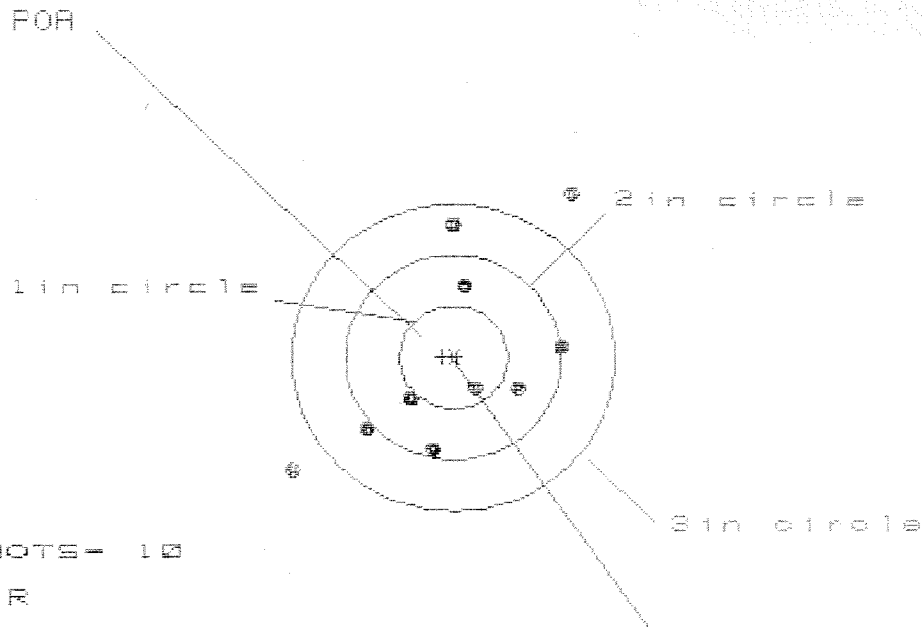
CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.103	1.120	.962
MINIMUM X	-1.388	-1.265	-1.066
MAXIMUM Y	.886	.451	.456
MINIMUM Y	-1.107	-1.008	-1.003
CENTROID X	-.062	-.185	-.026
CENTROID Y	.275	.176	.171
POA TO CENTROID in.	.282	.255	.173
MIN RADIUS	.446	.357	.348
MEAN RADIUS	.888	.815	.751
MAX RADIUS	1.415	1.266	1.134
HORIZONTAL SPREAD	2.491	2.385	2.027
VERTICAL SPREAD	1.993	1.459	1.459
EXTREME SPREAD	2.663	2.419	2.028
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

1 Nov 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C65233B8

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 2.593

VS= 2.736

GS= 3.770

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.078	1.102	.928
MINIMUM X	:	-1.515	-1.395	-.873
MAXIMUM Y	:	1.615	1.461	1.343
MINIMUM Y	:	-1.121	-.942	-.808
CENTROID X	:	.102	-.018	.156
CENTROID Y	:	-.006	-.185	-.067
POA TO CENTROID in.	:	.102	.186	.170
MIN RADIUS	:	.364	.318	.285
MEAN RADIUS	:	1.033	.902	.798
MAX RADIUS	:	1.941	1.683	1.345
HORIZONTAL SPREAD	:	2.593	2.497	1.801
VERTICAL SPREAD	:	2.736	2.403	2.151
EXTREME SPREAD	:	3.770	2.832	2.157
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. 06523368
DATE 10/30/90
TESTER J21

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.22	2.34	2.25	200	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.29	2.20	2.20	205	
PULL #3	2.16	2.25	2.15	201	
PULL #4	2.27	2.11	2.35	204	
PULL #5	2.21	2.28	2.30	201	
TOTAL	11.15	11.18	11.25		
AVG.	2.23	2.236	2.25		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.31	3.39		
PULL #2	3.29	3.41		
PULL #3	3.36	3.37		
PULL #4	3.39	3.39		
PULL #5	3.36	3.40		
TOTAL	16.71	16.96		
AVG.	3.342	3.392		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.47	4.50		4.40
PULL #2	4.48	4.47		4.44
PULL #3	4.39	4.44		4.44
PULL #4	4.43	4.42		4.29
PULL #5	4.10	4.42		4.42
TOTAL	21.87	22.25		21.99
AVG.	4.374	4.45		4.398

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523368

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 24	90	RW
600	Proof	9 24	90	RW
607	Check Headspace	9 24	90	RW
610	Dis-assemble Gun	9 24	90	RW
612	Magnaflux Barrel Action		9-25-90	KR
	Magnaflux Bolt		9-25-90	KR
615	Rollmark Caliber		9-25-90	SS
617	Drill and Tap Sight Holes		9-25-90	FB
618	Polish Barrel RB		9/28/90	WB
620	Apply Coatings (Barrel Action)		10-2-90	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/9/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/9/90	RW
	C) Inspect Ejector Hole for Chamfer		10/9/90	RW
	D) Oil Firing Pin Ass'y		10/9/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/30/90	SL

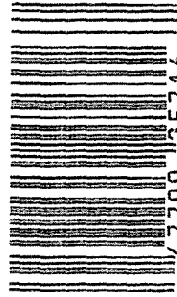
op. #	OP. NAME	READINGS			DATE	INIT
625 Int.	F) Safety On Force	4 1/4	4 1/4	4 1/4	10/30/90	WB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4	10/30/90	WB
	H) Trigger Pull Test & Retainability				10/30/90	JH
	I) Firing Pin Indent	.023	.0225	.023	10/30/90	WB
	J) Assemble Stock				10/30/90	RW
	K) Assemble Swivel Studs				11/19/90	JS
	L) Attach Front and Rear Sight Assemblies				10/30/90	RW
	M) Iron Sight Alignment				10/30/90	RW
	N) Detach Front & Rear Sights & place in numbered container				10/30/90	RW
	O) Attach Scope to Rifle				10/30/90	RW
	P) Detach & Attach Scope 20 Times				10/30/90	RW
640	Gallery Target & Test				10-31-90	DA
	A) Time				10-31-90	DA
	B) Malfunctions				10-31-90	DA
	C) Pierced Primers				10-31-90	DA
	D) Optical Clarity of Scope				10-31-90	DA
645	Inspect for Live Ammo				10-31-90	DA
655	Final Inspection					
	A) Headspace				11/19/90	JS
	B) Trigger Pull	200	205	201	11/19/90	JS
	C) Function				11/19/90	JS
660	Pack				12/18/90	VF

Remington REG. U.S. PAT. & TM. OFF.		DUPONT REG. U.S. PAT. & TM. OFF.		VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.	
MODEL 700™ H24		SERIAL NO. C6523368		ORDER NO. 5716	
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.		01			



5716 C6523368

LPC



0 47700 25716 7

SWS TRIGGER PULL TEST

New Trigger Assy

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6523368

DATE 2/12/93

TESTER RW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.56	2.53	2.42		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.43	2.20		
PULL #3	2.48	2.31	2.39		
PULL #4	2.43	2.38	2.35		
PULL #5	2.46	2.36	2.37		
TOTAL	12.41	12.01	11.73		
AVG.	2.48	2.40	2.35		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.22	3.14		
PULL #2	3.20	3.14		
PULL #3	3.10	3.13		
PULL #4	3.14	3.18		
PULL #5	3.17	3.11		
TOTAL	15.83	15.70		
AVG.	3.17	3.14		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.04	4.23		4.02
PULL #2	4.03	4.08		4.05
PULL #3	4.09	4.12		4.15
PULL #4	4.05	4.00		4.08
PULL #5	4.04	4.07		4.17
TOTAL	20.25	20.50		20.47
AVG.	4.05	4.10		4.09

GFM

CONTRACT # DAAA21-87-C-0086

*Repair*GUN SERIAL # *C6523368*

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		<i>2/12/93</i>	<i>RW</i>
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		<i>2/12/93</i>	<i>RW</i>
	C) Inspect Ejector Hole for Chamfer		<i>2/12/93</i>	<i>RW</i>
	D) Oil Firing Pin Ass'y		<i>2/12/93</i>	<i>RW</i>
	E) Adjust Trigger Pull to Min Setting and Stake		<i>2/12/93</i>	<i>RW</i>

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			2/12/93	RW
	G) Safety Off Force	2.5	2.5	2.5			2/12/93	RW
	H) Trigger Pull Test & Retainability						2/12/93	RW
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle						2/12/93	RW
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test						2/26/93	RW
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo						2/26/93	RW
655	Final Inspection							
	A) Headspace						3/3/93	RW
	B) Trigger Pull	2.66	2.59	2.55	2.58	2.56	3/3/93	RW
	C) Function						3/3/93	RW
660	Pack							

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 93-02481

INITIAL FPS	CUSTOMER ORDER NO.		WOG 28 OF 30 W/10X SCOPE & DEPLOYMENT KIT M-24			
DATE RECEIVED 01/25/93	DATE OPENED 01/25/93	DATE CODE DK 9-90	SERIAL NUMBER C6523368	NEW SERIAL NUMBER	MODEL AND GRADE 700 7-62	NATO
ACCESSORIES W/STUDS		W/SWIVELS		SOFT CASE	SCOPE BASE	

FROM:	SHIP TO:
MCHALE, EDWARD J CPT,SF HSC 3RD BN 3RD SFG (A) FT BRAGG NC 28307	MCHALE, EDWARD J CPT,SF HSC 3RD BN 3RD SFG (A) FT BRAGG NC 28307

CUST NO:073985 C.O.D L

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐ CLEAN/TEST	PROM. DATE	ESTIMATED	VIA UPS
GUN CONDITION ☐ NEW ☐ LIGHTLY WORN ☐ WORN ☐ VERY WORN ☐ UNREPAIRABLE ☐ MARRED					REPAIR CHARGE EXCISE TAX INSURANCE UPS PARCEL POST TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT *Rust on Gun*

PARTS	COMMENTS												
Trigger Assy - 96024	Zinc phosphate Scope Rings, Swivels & Swivel Studs. Re-powder Coat Barrel Assy - 96001												
<table border="1"> <tr> <td>REPAIRMAN <i>Rw</i></td> <td>PROOF</td> <td>CLEAN ☒</td> <td>TEST ☒</td> <td>TARGET</td> <td>PATTERN</td> </tr> <tr> <td>GALLERY TESTER <i>Rw</i></td> <td>DATE</td> <td>DATE <i>1/12/93</i></td> <td>DATE <i>2/26/93</i></td> <td>DATE</td> <td>DATE</td> </tr> </table>		REPAIRMAN <i>Rw</i>	PROOF	CLEAN ☒	TEST ☒	TARGET	PATTERN	GALLERY TESTER <i>Rw</i>	DATE	DATE <i>1/12/93</i>	DATE <i>2/26/93</i>	DATE	DATE
REPAIRMAN <i>Rw</i>	PROOF	CLEAN ☒	TEST ☒	TARGET	PATTERN								
GALLERY TESTER <i>Rw</i>	DATE	DATE <i>1/12/93</i>	DATE <i>2/26/93</i>	DATE	DATE								

OFFICE COPY

RD6925 REV. 1/92

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400026849