

C6349003

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00112529**

Serial: C6349003 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/19/1990

Repairman:

Status:

Closed 5/18/2006 9:31:42 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: 225TH BSB (SSA)

225TH BSB (SSA)

Address 1: ATTN CW3 FUJIHARA (808-655-0211)

ATTN CW3 FUJIHARA (808-655-0211)

Address 2: BLDG 1670 MELICHAMP ST.

PO Box:

BLDG 1670 MELICHAMP ST.

PO Box:

City: SCHOFIELD BARRACKS

SCHOFIELD BARRACKS

State: HI

Zip Code: 96857

Country: US

State: HI

Zip Code: 96857

Country: US

FPL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NA

Fax:

Email:

Comments:

Received Condition

Fair

Condition Note:

CSR Notes:

Accessories Received

Code	Desc	Qty
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

naclcl

5/23/2006

7:21 AM

CAPS

NUM

INS

SCPL

start

2 Micro...

Microsoft...

2 Inter...

Part Sear...

Arms Ser...

7:21 AM

Serial Number: **C6349003**

Model: **M24 SWS**



RE00112529

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349003.___0
FILE DATE AND TIME: 11/13/2006 23:22

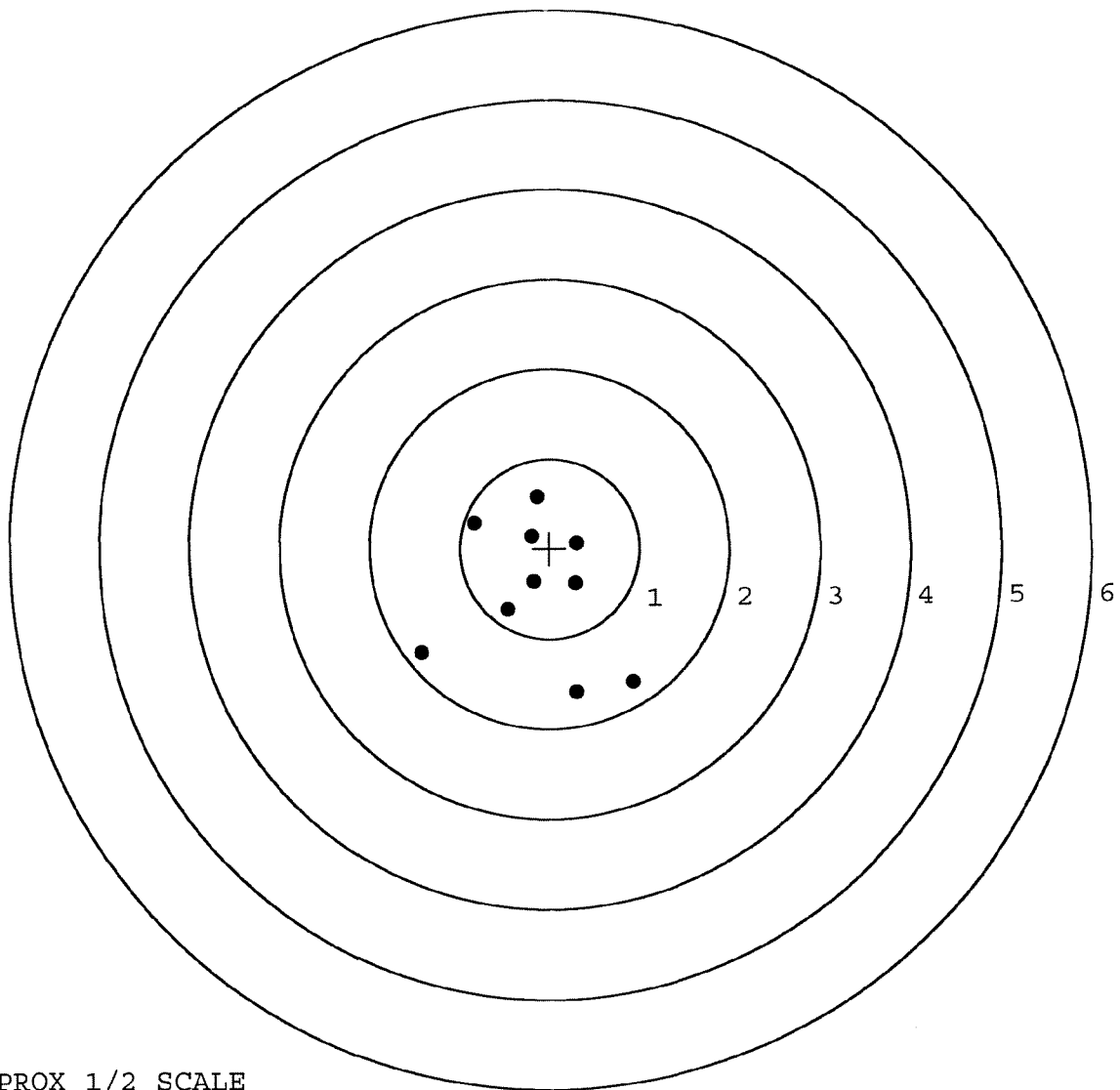
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.154
The Average Y Centroid of the Five Target Set:	-0.195
The Average Point of Impact of the Five Target Set:	0.249
The Average Mean Radius of the Five Target Set:	0.643
The Distance from POA to Centroid Target #1:	0.483
The Distance from Centroid Target #2 to Centroid Target #1:	0.441
The Distance from Centroid Target #3 to Centroid Target #1:	0.163
The Distance from Centroid Target #4 to Centroid Target #1:	0.374
The Distance from Centroid Target #5 to Centroid Target #1:	0.374

SERIAL NUMBER: C6349003. __0
TARGET NUMBER: 1
FILE DATE: 11/13/2006
FILE TIME: 23:22

X CENTROID: -0.141
Y CENTROID: -0.462
POA TO CENTROID: 0.483
HORZ SPREAD: 2.356
VERT SPREAD: 2.176
GROUP SPREAD: 2.501
MIN RADIUS: 0.096
MAX RADIUS: 1.481
MEAN RADIUS: 0.843
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.131	0.579
2:	-0.191	0.138
3:	-0.834	0.289
4:	-0.469	-0.677
5:	-0.174	-0.371
6:	0.291	-0.393
7:	0.304	0.058
8:	-1.430	-1.153
9:	0.294	-1.597
10:	0.926	-1.488

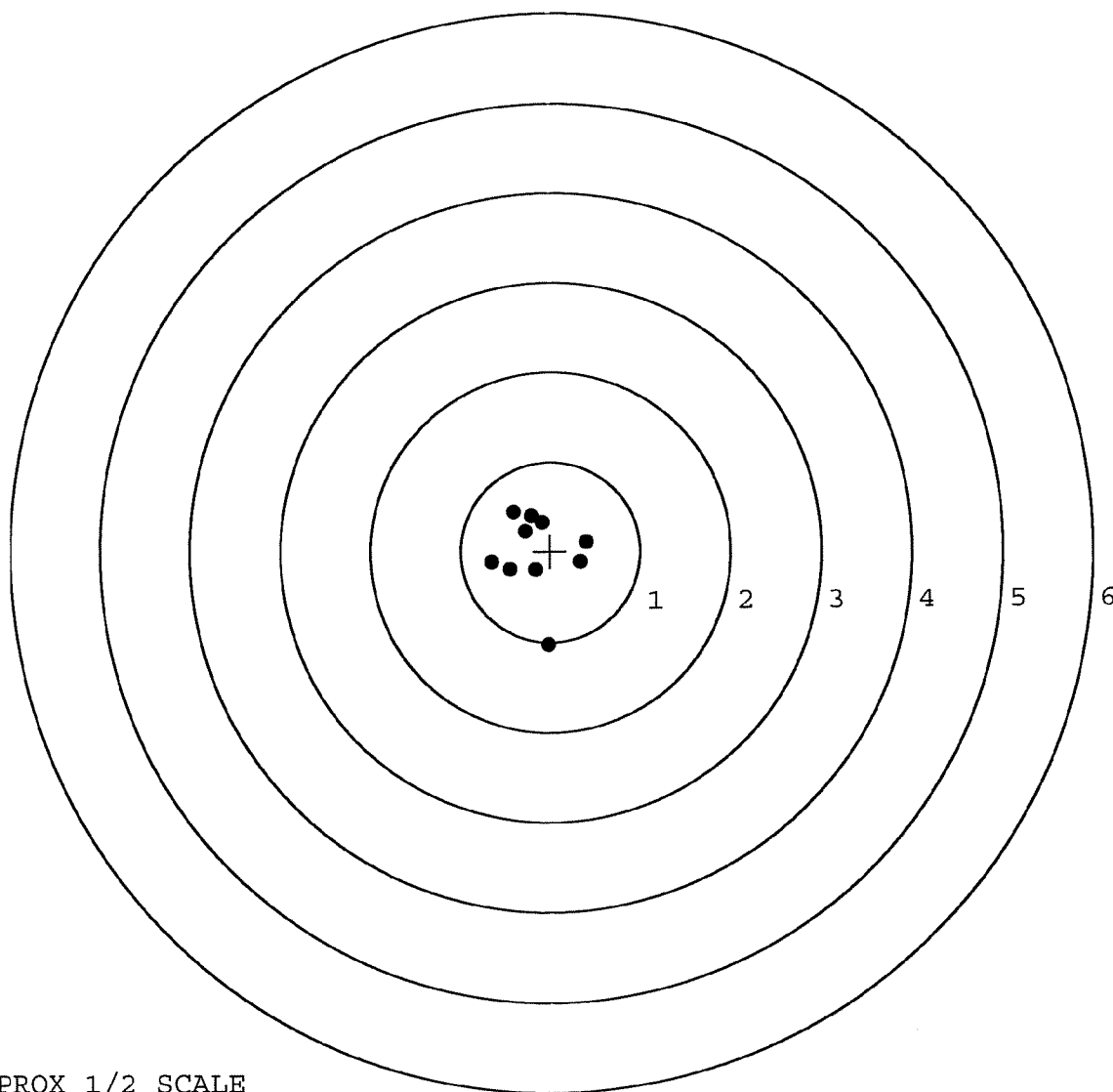


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349003. __0
TARGET NUMBER: 2
FILE DATE: 11/13/2006
FILE TIME: 23:22

X CENTROID: -0.154
Y CENTROID: -0.021
POA TO CENTROID: 0.156
HORZ SPREAD: 1.056
VERT SPREAD: 1.477
GROUP SPREAD: 1.528
MIN RADIUS: 0.188
MAX RADIUS: 1.025
MEAN RADIUS: 0.471
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.402	0.104
2:	0.336	-0.124
3:	-0.022	-1.037
4:	-0.654	-0.121
5:	-0.449	-0.204
6:	-0.164	-0.208
7:	-0.278	0.225
8:	-0.091	0.324
9:	-0.212	0.394
10:	-0.413	0.440

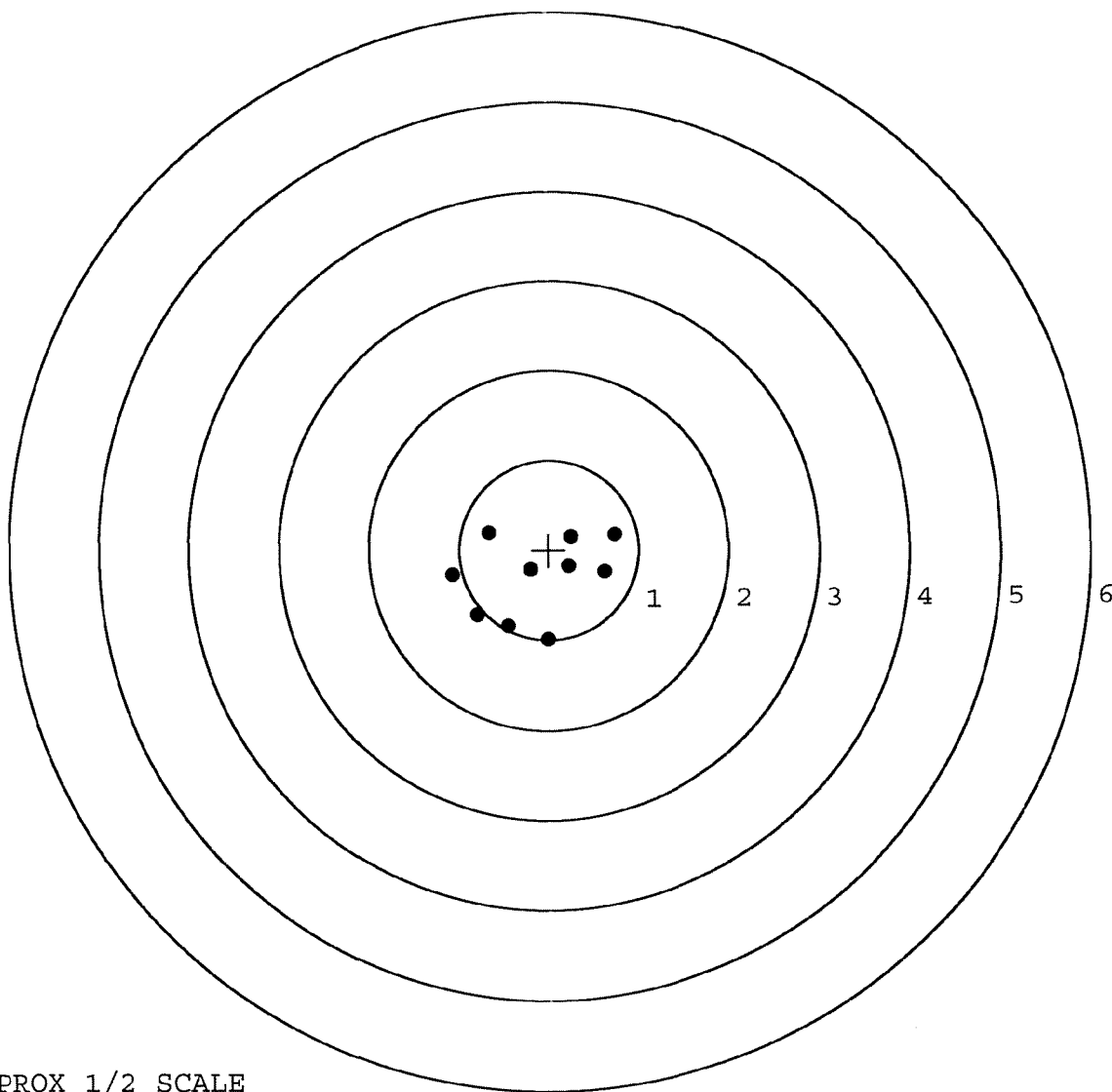


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349003.___0
TARGET NUMBER: 3
FILE DATE: 11/13/2006
FILE TIME: 23:22

X CENTROID: -0.138
Y CENTROID: -0.298
POA TO CENTROID: 0.329
HORZ SPREAD: 1.824
VERT SPREAD: 1.198
GROUP SPREAD: 1.878
MIN RADIUS: 0.101
MAX RADIUS: 0.999
MEAN RADIUS: 0.664
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.666	0.197
2:	-1.080	-0.276
3:	-0.803	-0.726
4:	-0.459	-0.847
5:	-0.013	-1.001
6:	-0.203	-0.221
7:	0.257	0.150
8:	0.220	-0.181
9:	0.624	-0.249
10:	0.744	0.170

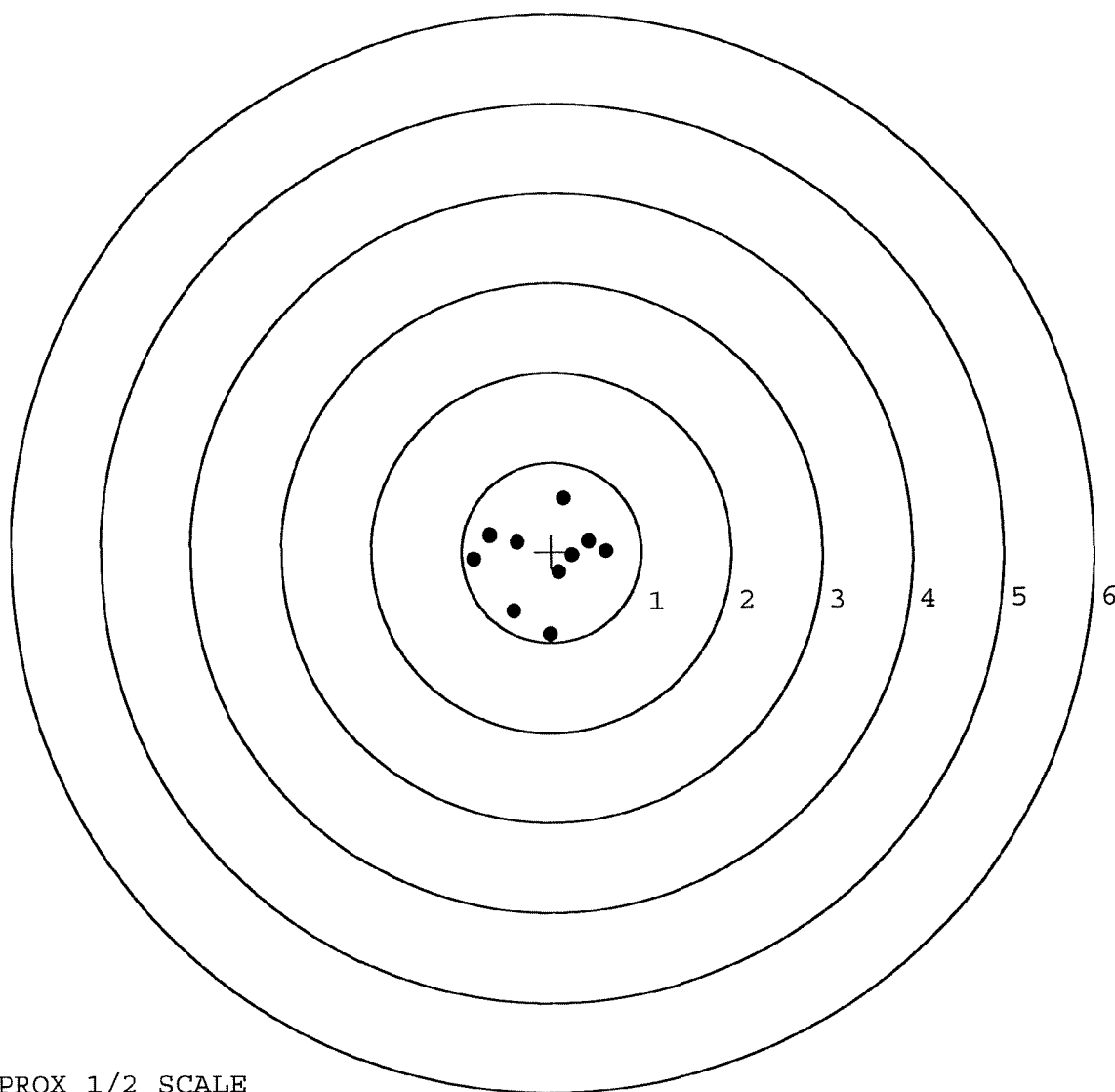


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349003. __0
TARGET NUMBER: 4
FILE DATE: 11/13/2006
FILE TIME: 23:22

POINT#	X	Y
1:	0.150	0.599
2:	0.228	-0.044
3:	0.425	0.119
4:	0.612	0.003
5:	0.081	-0.229
6:	-0.014	-0.914
7:	-0.422	-0.660
8:	-0.376	0.109
9:	-0.686	0.186
10:	-0.869	-0.081

X CENTROID: -0.087
Y CENTROID: -0.091
POA TO CENTROID: 0.126
HORZ SPREAD: 1.481
VERT SPREAD: 1.513
GROUP SPREAD: 1.522
MIN RADIUS: 0.217
MAX RADIUS: 0.826
MEAN RADIUS: 0.580
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

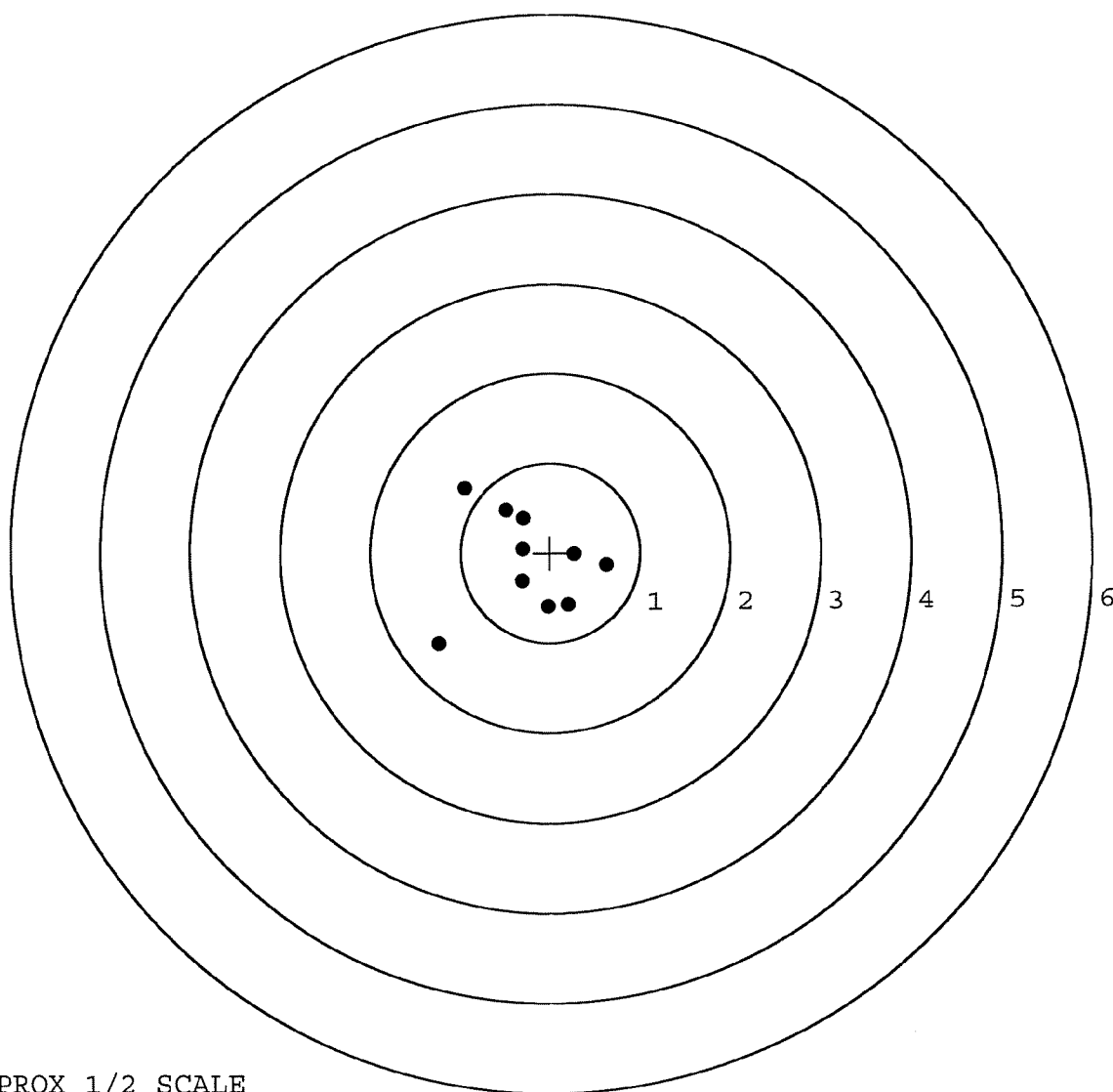


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349003. __0
TARGET NUMBER: 5
FILE DATE: 11/13/2006
FILE TIME: 23:22

X CENTROID: -0.250
Y CENTROID: -0.104
POA TO CENTROID: 0.271
HORZ SPREAD: 1.873
VERT SPREAD: 1.733
GROUP SPREAD: 2.062
MIN RADIUS: 0.158
MAX RADIUS: 1.342
MEAN RADIUS: 0.654
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.952	0.725
2:	-0.487	0.480
3:	-0.294	0.384
4:	-0.302	0.045
5:	-0.307	-0.316
6:	-0.023	-0.606
7:	0.205	-0.582
8:	0.268	-0.014
9:	0.631	-0.146
10:	-1.242	-1.008



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	112529			
SERIAL NUMBER	06349003		A 2	
LOG-IN DATE	5-18-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		5-23-06	RTZ
505	RE-BARREL		5-26-06	RTZ
560	ASSEMBLE		5-30-06	RTZ
600	PROOF	MAGNA-FLUX INSPECTED		
605	CHECK HEADSPACE	INSPECTED		
610	DIS-ASSEMBLE GUN		6-1-06	RTZ
612	MAGNAFLUX	OPERATOR <u>APD</u>	6-2-06	APD
510	DRILL AND TAP		6-1-06	TRW
615	ROLLMARK CALIBER	9-20-06 CW	6-2-06	CW
618	ROTO-BLAST		6-2-06	LB
620	APPLY COATINGS	9/21/05 RB	6-15-06	RB
625	FINAL ASSEMBLY		11-13-06	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	11-13-06	TRW
650	TARGET	(PASS) FAIL	11-13-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		11-13-06	RTZ
	A) HEADSPACE	(PASS) FAIL	11-15-06	RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.86 2.91 2.88 2.97 2.89 11-14-06	RTZ
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5.25 5.0 5.25 11-14-06	RTZ
	G) SAFETY OFF FORCE	2 LBS MIN	2.0 2.0 2.0 11-14-06	RTZ
	I) FIRING PIN INDENT	.020	.026 .026 .026 11-14-06	RTZ
690	PACK		11-15-06	RA

Remington®



VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700™ H24

SERIAL NO.
C6349003

ORDER NO.
5716

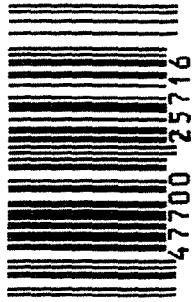
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

01



5716 C6349003

UPC



0 47700 25716 7

AC 53

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349003

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	12-20	89	RW
600	Proof	12-20	89	A
607	Check Headspace	12-20	89	A
610	Dis-assemble Gun	12-20	89	RW
612	Magnaflux Barrel Action	1-5-90		KER
	Magnaflux Bolt	1-5-90		
615	Rollmark Caliber		1/5/90	ES
17	Drill and Tap Sight Holes		1/8/90	FB
618	Polish Barrel RB		1/9/90	WB
620	Apply Coatings (Barrel Action)		1-15-90	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/16/90 1/16/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/16/90	RW
	C) Inspect Ejector Hole for Chamfer		1/16/90	RW
	D) Oil Firing Pin Ass'y		1/16/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1/18/90	928

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			1-19-90	JH
	G) Safety Off Force	3	3	3			1-19-90	JH
	H) Trigger Pull Test & Retainability						1/12/90	JD
	I) Firing Pin Indent	.022	.022	.0215			1-19-90	JH
	J) Assemble Stock						3/5/90	RW
	K) Assemble Swivel Studs						3/12/90	WB
	L) Attach Front and Rear Sight Assemblies						3/5/90	RW
	M) Iron Sight Alignment						3/5/90	RW
	N) Detach Front & Rear Sights & place in numbered container						3/5/90	RW
	O) Attach Scope to Rifle						3/6/90	WB
	P) Detach & Attach Scope 20 Times						3/6/90	WB
640	Gallery Target & Test						3-6-90	AC
	A) Time						3-6-90	AC
	B) Malfunctions						3-6-90	AC
	C) Pierced Primers						3-6-90	AC
	D) Optical Clarity of Scope						3-6-90	AC
645	Inspect for Live Ammo						3-6-90	AC
655	Final Inspection A) Headspace						3/12/90	WB
	B) Trigger Pull	2.39	2.42	2.41	2.49	2.59	3/12/90	G.S.
	C) Function						3/12/90	WB
660	Pack						20 MAR 90	JD

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6349003

DATE 18 Jan 90

TESTER JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	246	268	232	239	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	251	261	229	242	
PULL #3	257	250	238	241	
PULL #4	252	256	251	249	
PULL #5	255	255	250	259	
TOTAL	1261	1290	1206		
AVG.	2522	258	2412		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.45	3.21		
PULL #2	3.44	3.18		
PULL #3	3.47	3.20		
PULL #4	3.48	3.21		
PULL #5	3.41	3.30		
TOTAL	17.25	16.10		
AVG.	3.45	3.22		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.02		3.92
PULL #2	4.16	3.98		3.88
PULL #3	4.05	4.00		3.97
PULL #4	4.07	4.04		3.89
PULL #5	4.04	4.04		3.87
TOTAL	20.50	20.08		19.43
AVG.	4.10	4.016		3.886

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349003
7 Mar 1990

CENTROIDAL DISTANCES

0 TO	1	.0290689
1 TO	2	.150685
1 TO	3	.556202
1 TO	4	.253432
1 TO	5	.342053

85
4 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2352
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0824
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .249216
THE AMR FOR THIS RIFLE IS: 1.004

6 Mar 1998

FILE: \PATTERNING\CENTERFIRE_PATT\08349083

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 9

HS= 2.349

VS= 2.375

GS= 2.551

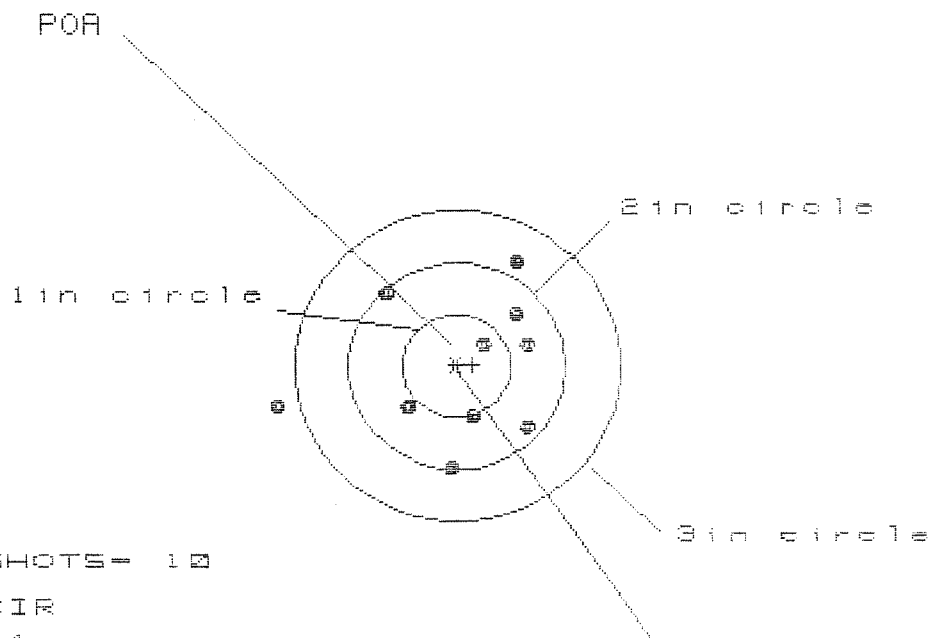
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.135	1.203	.953
MINIMUM X	-1.214	-1.146	-.996
MAXIMUM Y	.853	.684	.736
MINIMUM Y	-1.522	-.792	-.740
CENTROID X	-.002	-.070	-.220
CENTROID Y	.029	.198	.146
POA TO CENTROID in.	.029	.210	.264
MIN RADIUS	.146	.109	.178
MEAN RADIUS	.873	.771	.701
MAX RADIUS	1.640	1.272	1.204
HORIZONTAL SPREAD	2.349	2.349	1.949
VERTICAL SPREAD	2.375	1.476	1.476
EXTREME SPREAD	2.551	2.371	2.037
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

6 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06249003

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 1

2in = 8

3in = 9

HS = 2.324

VS = 2.016

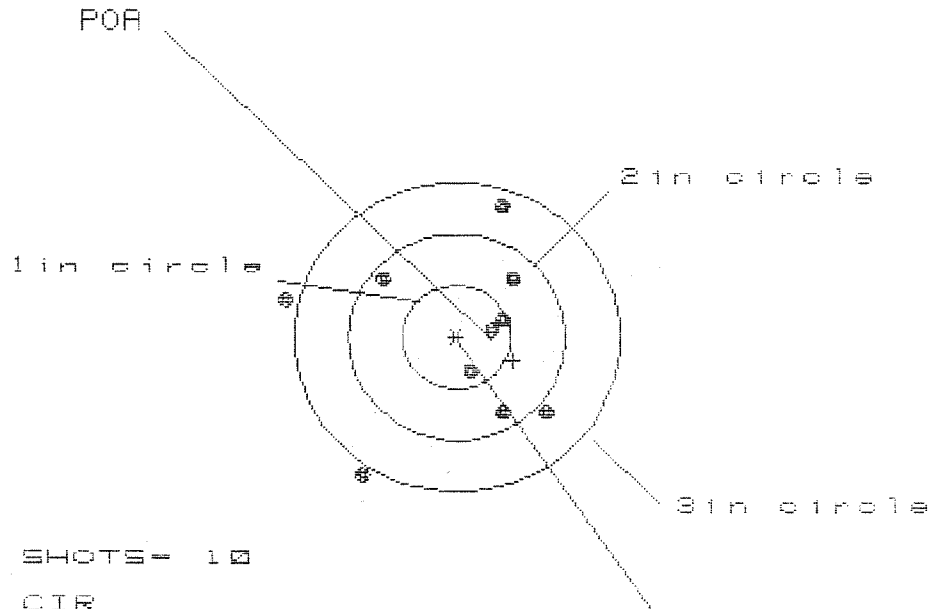
GS = 2.608

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.685	.503	.546
MINIMUM X	-1.639	-.865	-.822
MAXIMUM Y	1.060	1.016	.803
MINIMUM Y	-.956	-1.000	-.873
CENTROID X	-.147	.035	-.008
CENTROID Y	-.012	.032	-.095
POA TO CENTROID in.	.148	.048	.095
MIN RADIUS	.366	.214	.347
MEAN RADIUS	.864	.737	.694
MAX RADIUS	1.687	1.098	1.150
HORIZONTAL SPREAD	2.324	1.368	1.368
VERTICAL SPREAD	2.016	2.016	1.677
EXTREME SPREAD	2.608	2.103	1.848
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

8 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08349003

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 6

3 in = 8

HS= 2.385

VS= 2.626

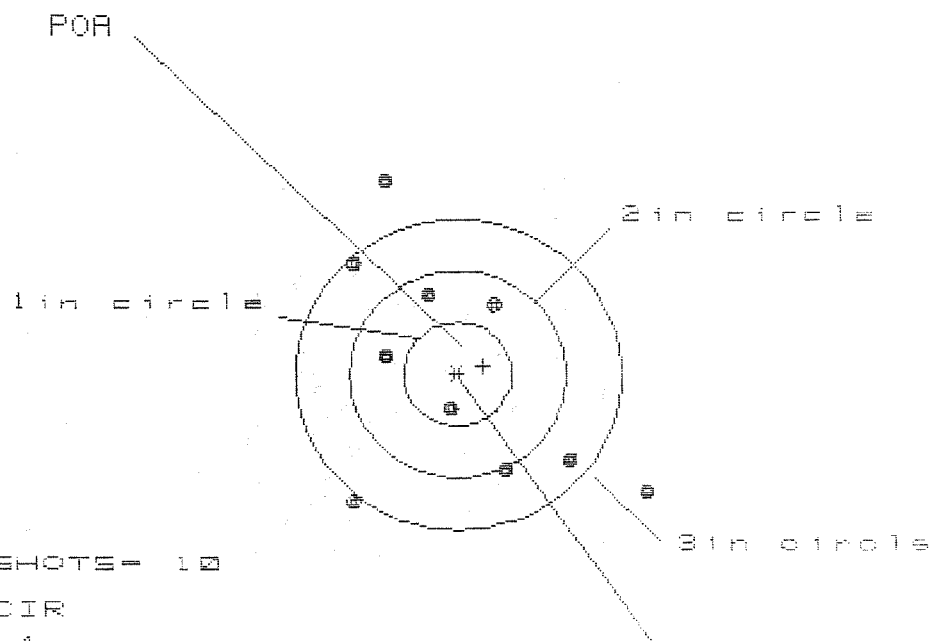
GS= 2.963

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.841	.741	.535
MINIMUM X	:	-1.544	-1.644	-.976
MAXIMUM Y	:	1.294	1.146	1.179
MINIMUM Y	:	-1.332	-.882	-.849
CENTROID X	:	-.521	-.421	-.215
CENTROID Y	:	.229	.377	.344
POA TO CENTROID in.	:	.569	.565	.406
MIN RADIUS	:	.317	.263	.079
MEAN RADIUS	:	.930	.828	.661
MAX RADIUS	:	1.609	1.665	1.190
HORIZONTAL SPREAD	:	2.385	2.385	1.511
VERTICAL SPREAD	:	2.626	2.028	2.028
EXTREME SPREAD	:	2.963	2.627	2.030
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

6 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8349083

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS= 2.660

VS= 3.104

GS= 3.825

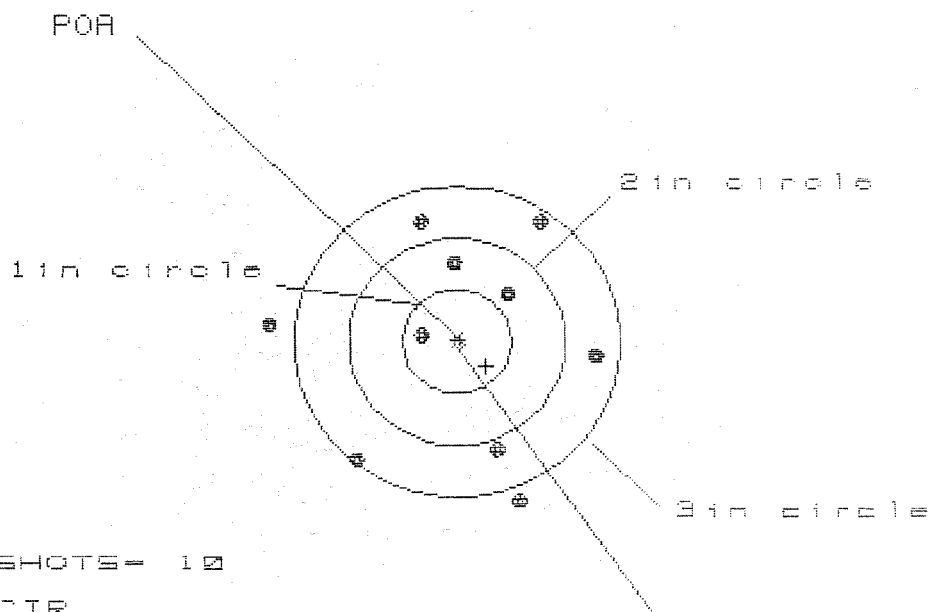
CENTROID #

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.699	1.252	1.190
MINIMUM X	-.961	-.772	-.834
MAXIMUM Y	1.041	1.712	1.157
MINIMUM Y	-1.263	-1.392	-1.177
CENTROID X	-.234	-.423	-.361
CENTROID Y	-.073	.056	-.159
POA TO CENTROID in.	.245	.427	.395
MIN RADIUS	.287	.442	.221
MEAN RADIUS	1.195	1.080	.981
MAX RADIUS	2.054	1.782	1.426
HORIZONTAL SPREAD	2.660	2.024	2.024
VERTICAL SPREAD	3.104	3.104	2.334
EXTREME SPREAD	3.825	3.180	2.769
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 4		
NUMBER IN THREE INCH CIRCLE	= 7		

6 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349003

CENTERFIRE PATTERNS # 5



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.318	1.130	1.173
MINIMUM X	:	-1.698	-1.144	-1.101
MAXIMUM Y	:	1.185	1.205	1.018
MINIMUM Y	:	-1.516	-1.496	-1.331
CENTROID X	:	-.272	-.084	-.127
CENTROID Y	:	.239	.219	.406
POA TO CENTROID in.	:	.363	.234	.425
MIN RADIUS	:	.375	.522	.395
MEAN RADIUS	:	1.156	1.088	.992
MAX RADIUS	:	1.708	1.618	1.727
HORIZONTAL SPREAD	:	3.016	2.274	2.274
VERTICAL SPREAD	:	2.701	2.701	2.349
EXTREME SPREAD	:	3.032	2.904	2.904
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

GFM

CONTRACT # DAAA21-87-C-0086

*New Barrel*GUN SERIAL # *C6349003*

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		<i>5/4/93</i>	<i>RW</i>
600	Proof		<i>5/4/93</i>	<i>RW</i>
607	Check Headspace		<i>5/4/93</i>	<i>RW</i>
610	Dis-assemble Gun		<i>5/4/93</i>	<i>RW</i>
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>5/14/93</i>	<i>RW</i>
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		<i>5/14/93</i>	<i>RW</i>
	C) Inspect Ejector Hole for Chamfer		<i>5/14/93</i>	<i>RW</i>
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force					
	G) Safety Off Force					
	H) Trigger Pull Test & Retainability					
	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					
	P) Detach & Attach Scope 20 Times					
630	Gallery Target & Test					
	A) Time					
	B) Malfunctions					
	C) Pierced Primers					
	D) Optical Clarity of Scope					
645	Inspect for Live Ammo				5/18/93	RW
655	Final Inspection					
	A) Headspace				5/18/93	RW
	B) Trigger Pull					
	C) Function				5/18/93	RW
660	Pack					

CENTROIDAL DISTANCES

0	TO	1	.759095
1	TO	2	1.47265
1	TO	3	.819413
1	TO	4	.851742
1	TO	5	.674214

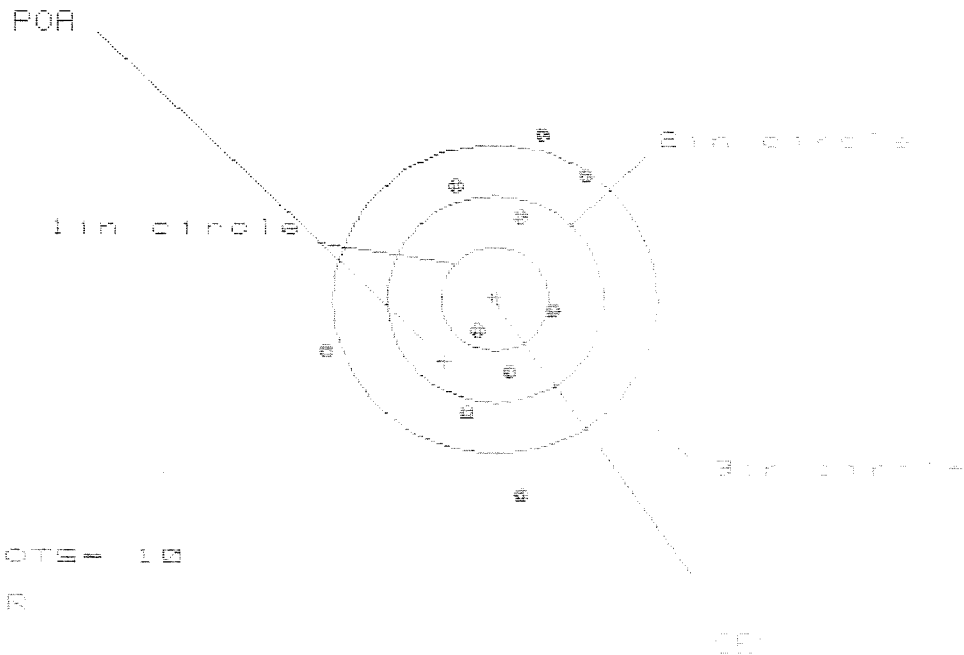
2-74 C-----POA

M2400105524

21 May 1993

FILE:/PATTERNING/CENTERFIRE_PATT/08345003

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 5

HST= 2.397

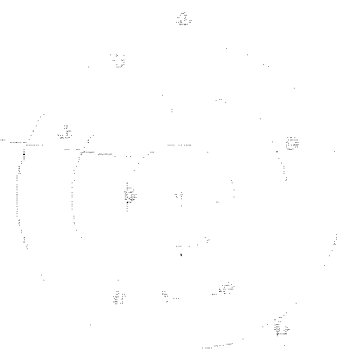
VS= 3.497

GS= 3.585

PATTERN #			
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.807	.333	.111
MINIMUM X	-1.599	-1.564	-1.111
MAXIMUM Y	1.599	1.388	1.111
MINIMUM Y	-1.899	-1.321	-1.407
CENTROID X	.465	.439	.165
CENTROID Y	.600	.311	.893
IN TO CENTROID IN.	.759	.922	1.101
1 IN RADIUS	.332	.524	.456
2 IN RADIUS	1.144	1.061	1.111
3 IN RADIUS	1.912	1.717	1.111
HORIZONTAL SPREAD	2.397	2.397	1.111
VERTICAL SPREAD	3.497	2.769	2.111
EXTREME SPREAD	3.585	2.932	2.111
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	5	

CENTERS FIRE AND TEST

FOR



SHOT # 10

SHOT # 10

SHOT # 10

SHOT # 10

SHOT # 10

SHOT # 10

SHOT # 10

SHOT # 10

SHOT #

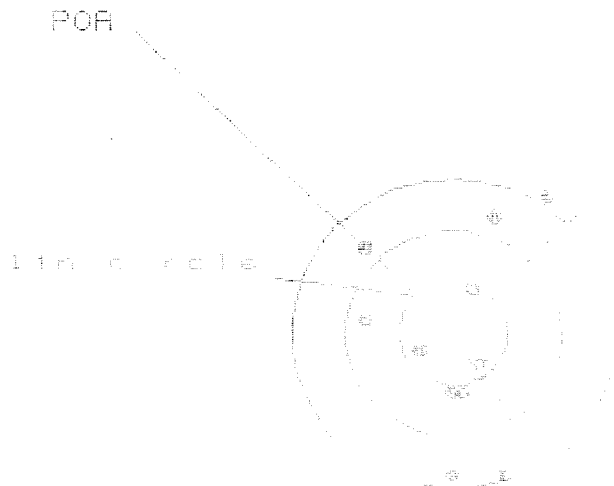


SHOTS (BEST OF)	10		
MAXIMUM X	1.004	1.004	1.004
MINIMUM X	-1.006	-1.006	-1.006
MAXIMUM Y	1.708	1.708	1.708
MINIMUM Y	-1.313	-1.313	-1.313
CENTROID X	.064	.064	.064
CENTROID Y	-1.817	-1.817	-1.817
FOR TO CENTROID in.	.826	1.008	1.008
MIN RADIUS	.335	.354	.354
MEAN RADIUS	1.103	1.012	1.012
MAX RADIUS	1.709	1.615	1.615
HORIZONTAL SPREAD	2.100	2.100	2.100
VERTICAL SPREAD	3.021	2.633	2.633
EXTREME SPREAD	3.140	3.034	2.454
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	3	
NUMBER IN THREE INCH CIRCLE	=	8	

21 May 1993

FILE/PATTERNING/CENTERFIRE_PATT/0834062

CENTERFIRE PATTERNS



* C S-115- 12

* C S-115- 14

* C S-115- 16

* C S-115- 18

* C S-115- 20

* C S-115- 22

* C S-115- 24

* C S-115- 26

Table 1: Centerfire Patterns

Pattern	10	11	12
1. 1st OF	1.000	1.000	1.000
2. 2nd OF	1.051	1.051	1.051
3. 3rd OF	1.070	1.070	1.070
4. 4th OF	1.074	1.074	1.074
5. 5th OF	1.081	1.081	1.081
6. 6th OF	1.081	1.081	1.081
7. 7th OF	1.084	1.084	1.084
8. 8th OF	1.084	1.084	1.084
9. 9th OF	1.087	1.087	1.087
10. 10th OF	1.087	1.087	1.087
11. 11th OF	1.087	1.087	1.087
12. 12th OF	1.087	1.087	1.087
13. 13th OF	1.087	1.087	1.087
14. 14th OF	1.087	1.087	1.087
15. 15th OF	1.087	1.087	1.087
16. 16th OF	1.087	1.087	1.087
17. 17th OF	1.087	1.087	1.087
18. 18th OF	1.087	1.087	1.087
19. 19th OF	1.087	1.087	1.087
20. 20th OF	1.087	1.087	1.087
21. 21st OF	1.087	1.087	1.087
22. 22nd OF	1.087	1.087	1.087
23. 23rd OF	1.087	1.087	1.087
24. 24th OF	1.087	1.087	1.087
25. 25th OF	1.087	1.087	1.087
26. 26th OF	1.087	1.087	1.087
27. 27th OF	1.087	1.087	1.087
28. 28th OF	1.087	1.087	1.087
29. 29th OF	1.087	1.087	1.087
30. 30th OF	1.087	1.087	1.087
31. 31st OF	1.087	1.087	1.087
32. 32nd OF	1.087	1.087	1.087
33. 33rd OF	1.087	1.087	1.087
34. 34th OF	1.087	1.087	1.087
35. 35th OF	1.087	1.087	1.087
36. 36th OF	1.087	1.087	1.087
37. 37th OF	1.087	1.087	1.087
38. 38th OF	1.087	1.087	1.087
39. 39th OF	1.087	1.087	1.087
40. 40th OF	1.087	1.087	1.087
41. 41st OF	1.087	1.087	1.087
42. 42nd OF	1.087	1.087	1.087
43. 43rd OF	1.087	1.087	1.087
44. 44th OF	1.087	1.087	1.087
45. 45th OF	1.087	1.087	1.087
46. 46th OF	1.087	1.087	1.087
47. 47th OF	1.087	1.087	1.087
48. 48th OF	1.087	1.087	1.087
49. 49th OF	1.087	1.087	1.087
50. 50th OF	1.087	1.087	1.087
51. 51st OF	1.087	1.087	1.087
52. 52nd OF	1.087	1.087	1.087
53. 53rd OF	1.087	1.087	1.087
54. 54th OF	1.087	1.087	1.087
55. 55th OF	1.087	1.087	1.087
56. 56th OF	1.087	1.087	1.087
57. 57th OF	1.087	1.087	1.087
58. 58th OF	1.087	1.087	1.087
59. 59th OF	1.087	1.087	1.087
60. 60th OF	1.087	1.087	1.087
61. 61st OF	1.087	1.087	1.087
62. 62nd OF	1.087	1.087	1.087
63. 63rd OF	1.087	1.087	1.087
64. 64th OF	1.087	1.087	1.087
65. 65th OF	1.087	1.087	1.087
66. 66th OF	1.087	1.087	1.087
67. 67th OF	1.087	1.087	1.087
68. 68th OF	1.087	1.087	1.087
69. 69th OF	1.087	1.087	1.087
70. 70th OF	1.087	1.087	1.087
71. 71st OF	1.087	1.087	1.087
72. 72nd OF	1.087	1.087	1.087
73. 73rd OF	1.087	1.087	1.087
74. 74th OF	1.087	1.087	1.087
75. 75th OF	1.087	1.087	1.087
76. 76th OF	1.087	1.087	1.087
77. 77th OF	1.087	1.087	1.087
78. 78th OF	1.087	1.087	1.087
79. 79th OF	1.087	1.087	1.087
80. 80th OF	1.087	1.087	1.087
81. 81st OF	1.087	1.087	1.087
82. 82nd OF	1.087	1.087	1.087
83. 83rd OF	1.087	1.087	1.087
84. 84th OF	1.087	1.087	1.087
85. 85th OF	1.087	1.087	1.087
86. 86th OF	1.087	1.087	1.087
87. 87th OF	1.087	1.087	1.087
88. 88th OF	1.087	1.087	1.087
89. 89th OF	1.087	1.087	1.087
90. 90th OF	1.087	1.087	1.087
91. 91st OF	1.087	1.087	1.087
92. 92nd OF	1.087	1.087	1.087
93. 93rd OF	1.087	1.087	1.087
94. 94th OF	1.087	1.087	1.087
95. 95th OF	1.087	1.087	1.087
96. 96th OF	1.087	1.087	1.087
97. 97th OF	1.087	1.087	1.087
98. 98th OF	1.087	1.087	1.087
99. 99th OF	1.087	1.087	1.087
100. 100th OF	1.087	1.087	1.087

CONFIDENTIAL

CEL 127 JUNE 1964

25



CONFIDENTIAL

DATA: NEW OR	1:
MAXIMUM	1.754
MINIMUM	1.685
MAXIMUM	1.684
MINIMUM	-2.000
CENTROID	.181
CENTROID	-.283
FOR TO LEN RAD	.271
MIN RADIUS	1.685
MEAN RADIUS	1.688
MAX RADIUS	1.754
HORIZONTAL SPREAD	1.751
VERTICAL SPREAD	3.686
EXTREME SPREAD	3.754
NUMBER IN ONE INCH CIRC	0
NUMBER IN TWO INCH CIRC	2
NUMBER IN THREE INCH CIRC	5

21 632

FILE TERNING/CENTERFIRE_PATT 00

LENT

PATTERNS

DA Label 18, Mar 83
Edition of Apr 59 will be used until exhausted.

DEPARTMENT OF THE ARMY
DOL USASCH
STOR BR, BLDG-2131
SCHO EKS, HI 96857-5006

[REDACTED]

REMINGTON ARMS CO., INC
ATTN: CUSTOM SHOP
14 HOFELER AVE
LLION, NY 13357

BOA NO. DAAA21-87-G-0001

PSN, PART NO. AND ITEM DESCRIPTION 1005-01-240-2136 M24		UNSERVICEABLE (REPARABLE) TAG - MATERIEL	
		INSPECTION ACTIVITY MAC 4/22 IDE	CONDITION CODE F
SERIAL NO./LOT NO. C6349003/891237		REASON FOR REPARABLE CONDITION BARREL SERVICE	
		REMARKS NRTS	
CONTRACT OR PURCHASE ORDER NO.	UNIT OF ISSUE EA	INSPECTOR'S NAME OR STAMP AND DATE 12 MAR 93 Inspected By J. F. O'NEILL	
REMARKS NRTS		TAA DoI Maint Div 3017	

DD FORM 1677-2 1 OCT 68
 R U.S. GPO 1975-481-343

M2400105533

U.S. Government Printing Office: 1989-244-058

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON**

M2400105534