

C6611626

MODEL 700™ M24

Model S&S™

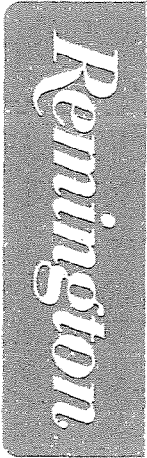
Action _____

Barrel Length _____

Capacity _____

Order No. 5716

*Includes 1 in chamber.



Remond

Repair Inquiry

Repair Number: RE00145806

Serial: C6611626 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 5/23/2008 10:30:13 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☒ Received From

Name: TRANSPORTATION OFFICE TRANSPORTATION OFFICE

Address 1: BLDG 330 BLDG 330

Address 2: 4885 CHILES AVE PO Box: 4885 CHILES AVE PO Box:

City: FORT CARSON FORT CARSON

State: CO Zip Code: 80913 Country: US State: CO Zip Code: 80913 Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A006	Sling Strap	1
A007	With Stud	3
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

5/23/2008

4:03 PM

EAPS

NUM

INS

SCRL



3 Microsoft Of...

My Excite - Win...

Organizational A...

Arms Services R...

4:03 PM

Remington.

Remington Arms Company, Inc.
www.remington.com

THOMAS J. NAGLE

M-24 Contract Coordinator
Supervisor, Service Department

tom.nagle@remington.com

Phone 315-895-3289 Fax 315-895-3209
14 Hoefer Avenue, Ilion, NY 13357

Number: **C6611626**

Model: **M24 SWS**



RE00145806

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611626.___0
FILE DATE AND TIME: 06/24/2008 14:34

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.023
The Average Y Centroid of the Five Target Set:	-0.062
The Average Point of Impact of the Five Target Set:	0.067
The Average Mean Radius of the Five Target Set:	0.586
The Distance from POA to Centroid Target #1:	0.070
The Distance from Centroid Target #2 to Centroid Target #1:	0.180
The Distance from Centroid Target #3 to Centroid Target #1:	0.036
The Distance from Centroid Target #4 to Centroid Target #1:	0.136
The Distance from Centroid Target #5 to Centroid Target #1:	0.237

BARBER - M24 0079792

SERIAL NUMBER: C6611626. __0

TARGET NUMBER: 1

FILE DATE: 06/24/2008

FILE TIME: 14:34

POINT#	X	Y
1:	0.731	-0.842
2:	0.214	-0.837
3:	0.160	-0.176
4:	0.170	0.009
5:	0.166	0.134
6:	-0.447	-0.218
7:	-0.155	-0.489
8:	0.716	0.716
9:	-0.541	0.522
10:	-0.756	0.531

X CENTROID: 0.026

Y CENTROID: -0.065

POA TO CENTROID: 0.070

HORZ SPREAD: 1.487

VERT SPREAD: 1.558

GROUP SPREAD: 2.024

MIN RADIUS: 0.162

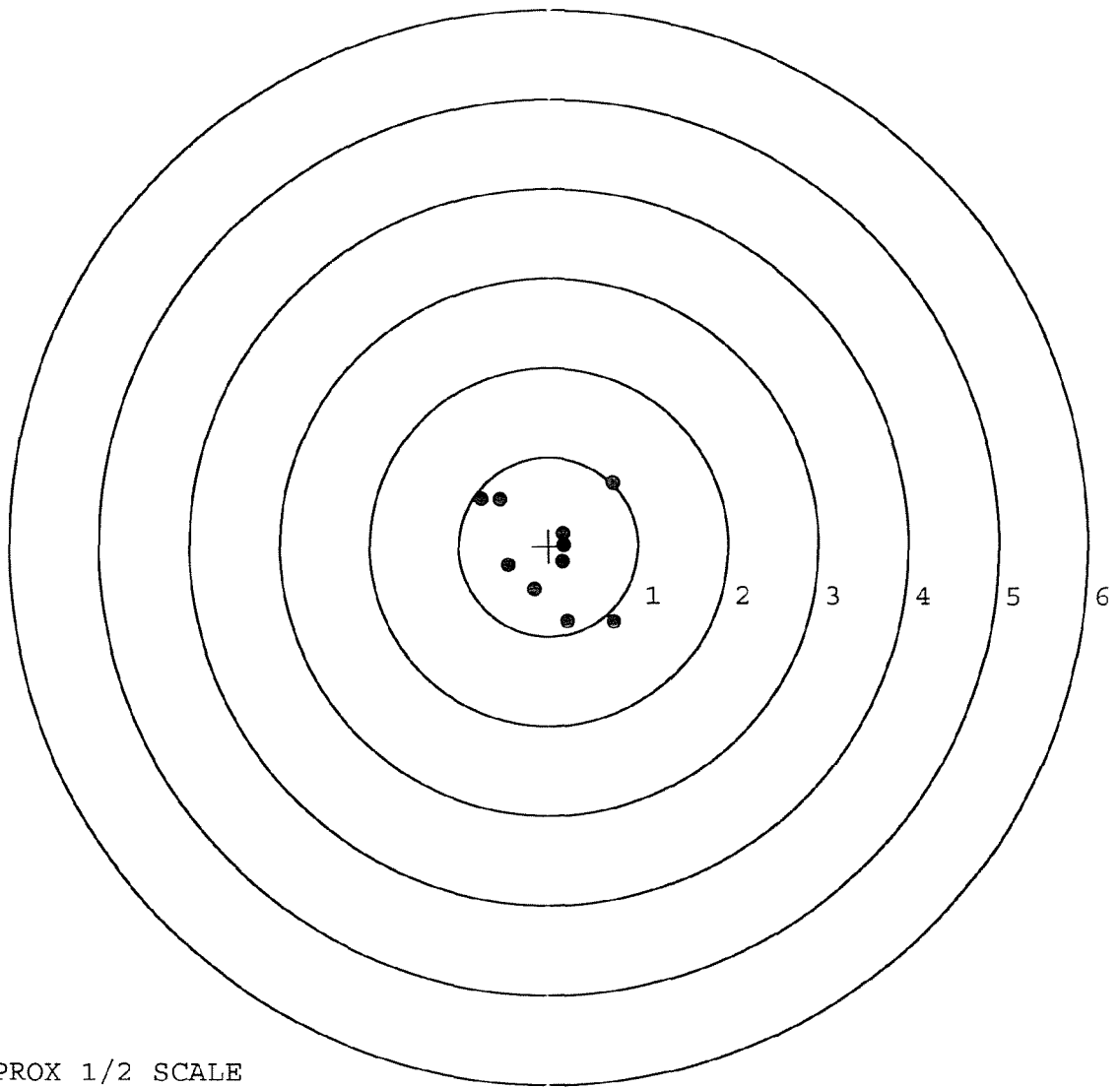
MAX RADIUS: 1.049

MEAN RADIUS: 0.622

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



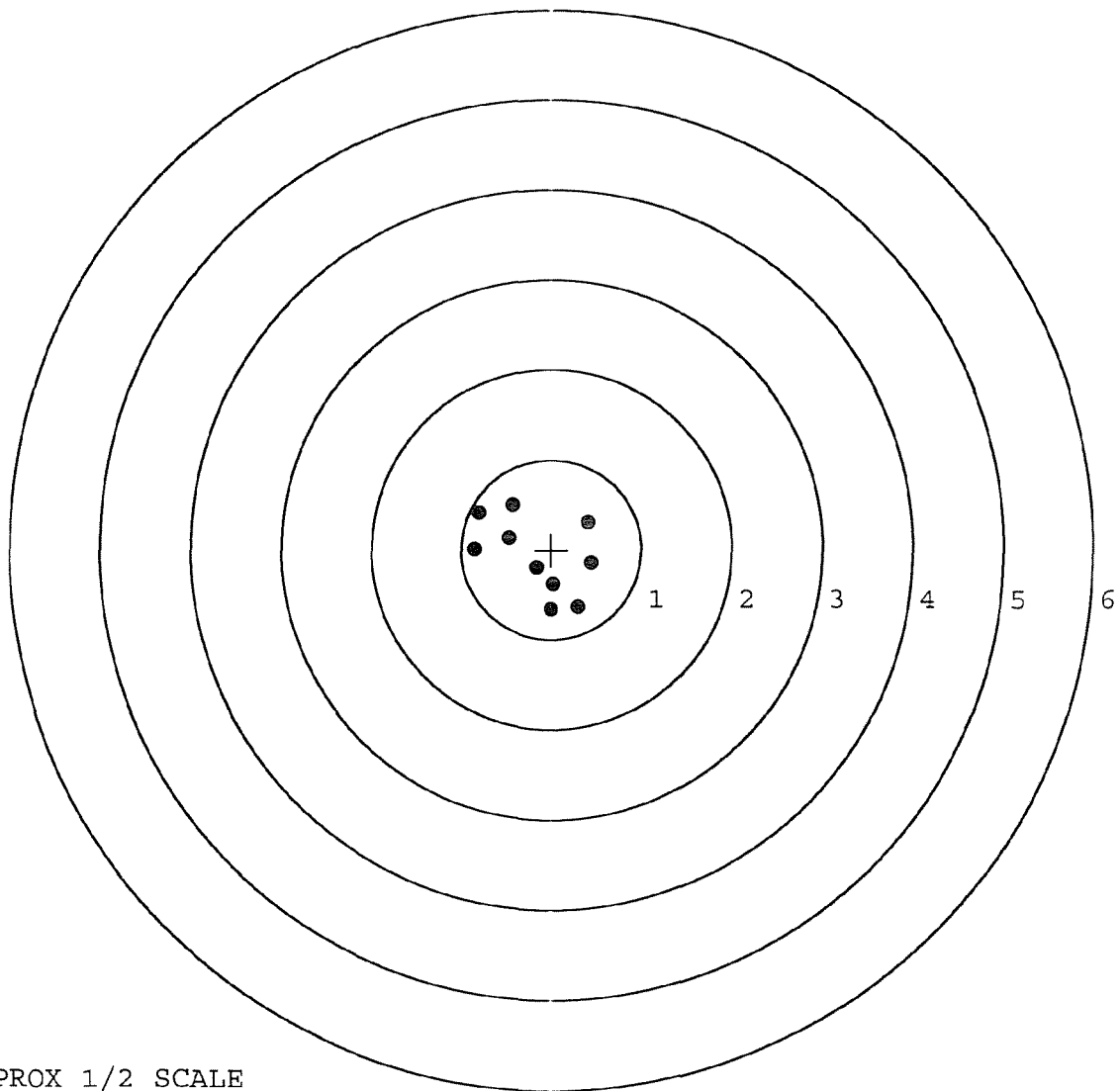
TARGET APPROX 1/2 SCALE

BARBER - M24 0079793

SERIAL NUMBER: C6611626. __0
 TARGET NUMBER: 2
 FILE DATE: 06/24/2008
 FILE TIME: 14:34

POINT#	X	Y
1:	0.408	0.309
2:	-0.432	0.498
3:	-0.810	0.407
4:	-0.469	0.133
5:	-0.855	0.005
6:	0.452	-0.153
7:	0.301	-0.644
8:	0.003	-0.667
9:	0.029	-0.389
10:	-0.165	-0.205

X CENTROID: -0.154
 Y CENTROID: -0.071
 POA TO CENTROID: 0.169
 HORZ SPREAD: 1.307
 VERT SPREAD: 1.165
 GROUP SPREAD: 1.529
 MIN RADIUS: 0.135
 MAX RADIUS: 0.812
 MEAN RADIUS: 0.567
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



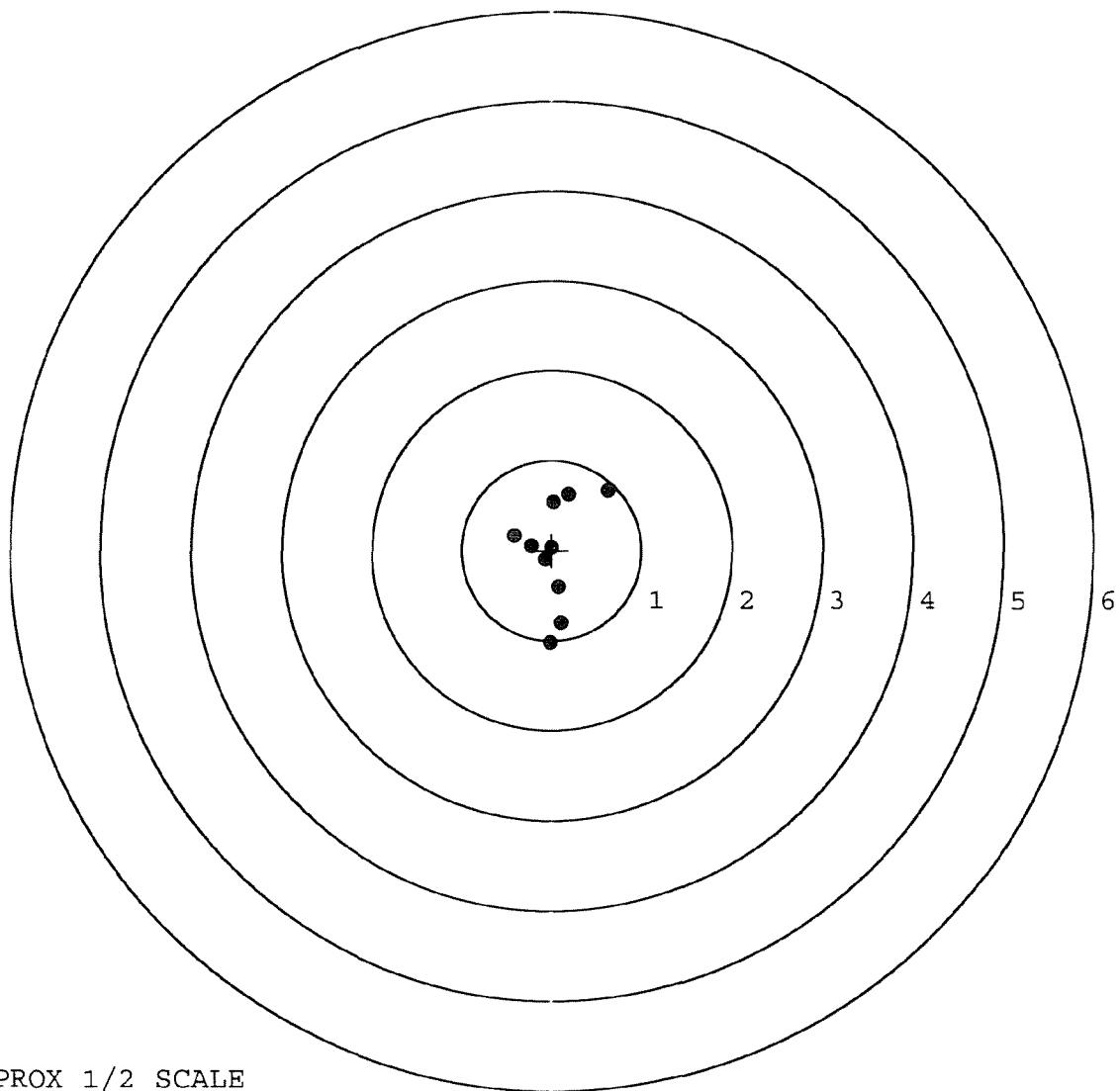
TARGET APPROX 1/2 SCALE

BARBER - M24 0079794

SERIAL NUMBER: C6611626. __0
 TARGET NUMBER: 3
 FILE DATE: 06/24/2008
 FILE TIME: 14:34

POINT#	X	Y
1:	0.111	-0.813
2:	-0.016	-1.029
3:	0.086	-0.407
4:	-0.075	-0.104
5:	-0.008	0.027
6:	-0.423	0.162
7:	0.022	0.537
8:	0.193	0.625
9:	0.631	0.663
10:	-0.233	0.049

X CENTROID: 0.029
 Y CENTROID: -0.029
 POA TO CENTROID: 0.041
 HORZ SPREAD: 1.054
 VERT SPREAD: 1.692
 GROUP SPREAD: 1.811
 MIN RADIUS: 0.067
 MAX RADIUS: 1.001
 MEAN RADIUS: 0.529
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0079795

SERIAL NUMBER: C6611626. 0

TARGET NUMBER: 4

FILE DATE: 06/24/2008

FILE TIME: 14:34

POINT#	X	Y
1:	0.365	0.367
2:	1.079	0.346
3:	0.371	0.877
4:	-0.613	-0.368
5:	-0.729	-0.212
6:	-0.390	-0.163
7:	0.003	-0.240
8:	0.227	-0.043
9:	-0.078	0.165
10:	-0.147	-0.030

X CENTROID: 0.009

Y CENTROID: 0.070

POA TO CENTROID: 0.070

HORZ SPREAD: 1.808

VERT SPREAD: 1.245

GROUP SPREAD: 1.892

MIN RADIUS: 0.129

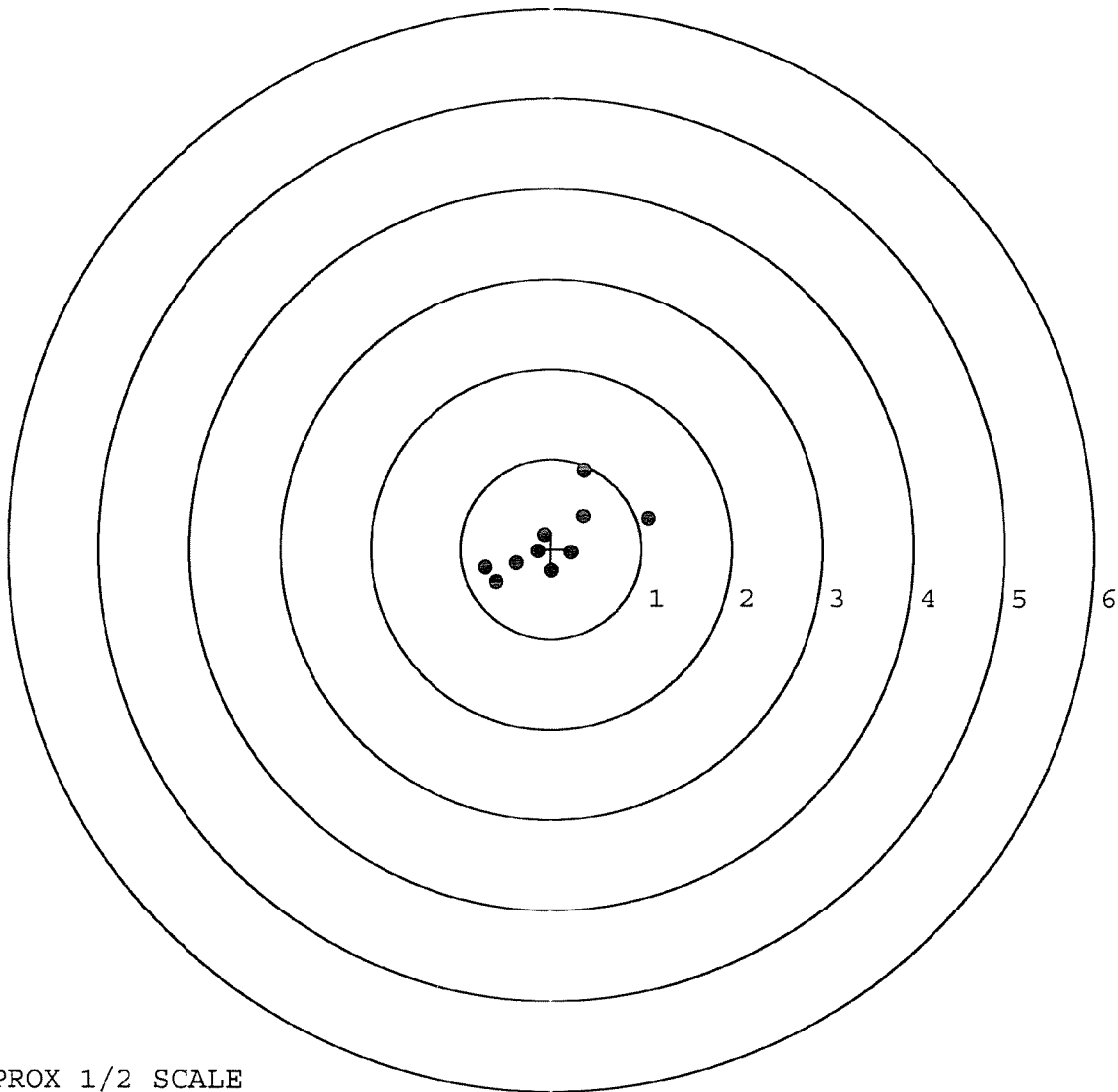
MAX RADIUS: 1.105

MEAN RADIUS: 0.534

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



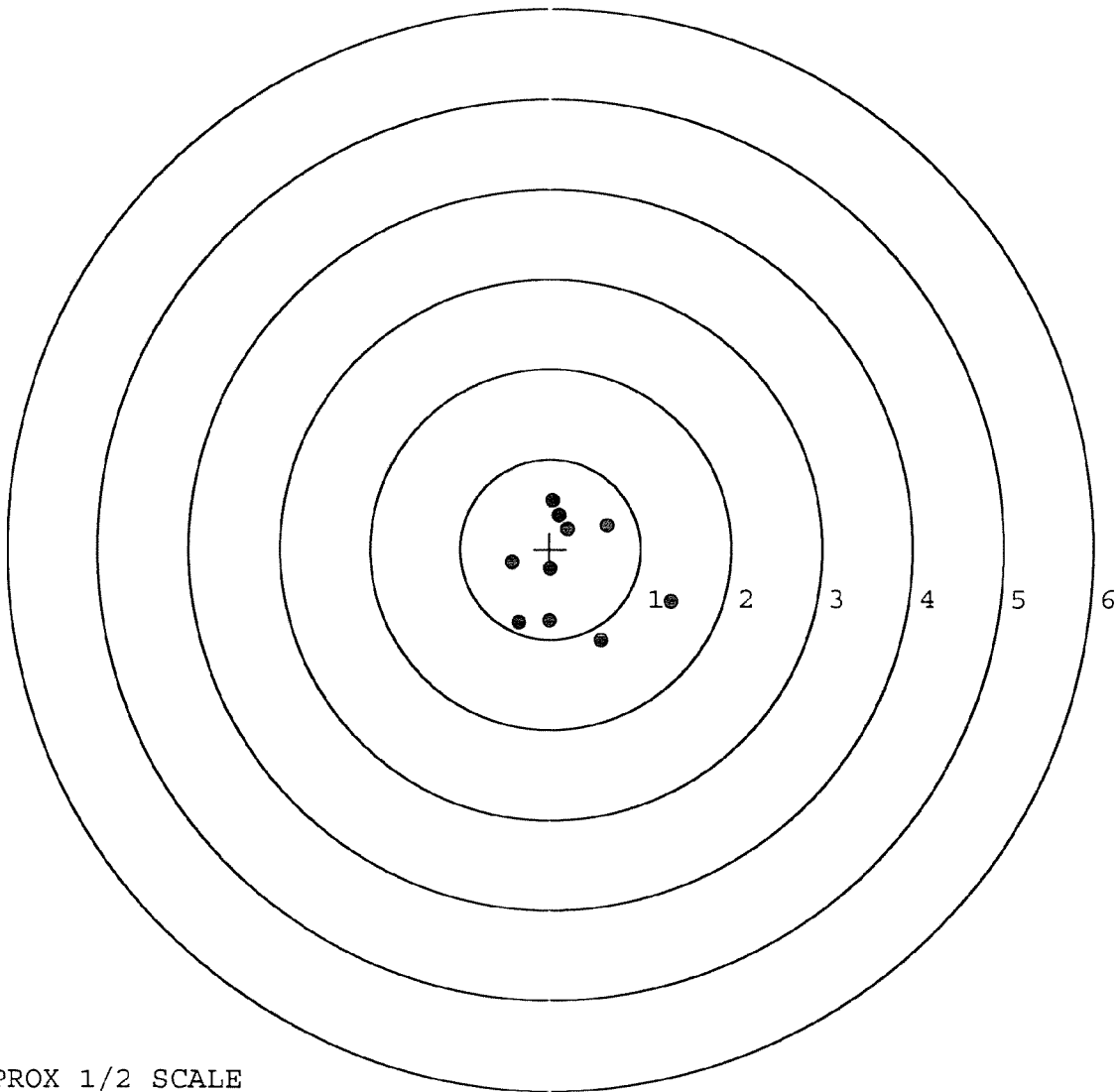
TARGET APPROX 1/2 SCALE

BARBER - M24 0079796

SERIAL NUMBER: C6611626. __0
 TARGET NUMBER: 5
 FILE DATE: 06/24/2008
 FILE TIME: 14:34

POINT#	X	Y
1:	1.336	-0.586
2:	0.566	-1.014
3:	-0.010	-0.800
4:	-0.348	-0.817
5:	-0.003	-0.215
6:	-0.423	-0.147
7:	0.628	0.264
8:	0.194	0.225
9:	0.102	0.374
10:	0.027	0.544

X CENTROID: 0.207
 Y CENTROID: -0.217
 POA TO CENTROID: 0.300
 HORZ SPREAD: 1.759
 VERT SPREAD: 1.558
 GROUP SPREAD: 1.813
 MIN RADIUS: 0.210
 MAX RADIUS: 1.188
 MEAN RADIUS: 0.681
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

IV-24
BARBER - M24 0079797 INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207

R & E NUMBER 145806

SERIAL NUMBER C10611626

LOG-IN DATE 5-23-08

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		6-3-08	RTZ
505	RE-BARREL		6-16-08	ESW
420	ASSEMBLE		6-16-08	SP
440	PROOF		6-16-08	SD
460	CHECK HEADSPACE		6-16-08	SD
470	DIS-ASSEMBLE GUN		6-16-08	RP
480	MAGNAFLUX	unins	6/17/08	unins
510	DRILL AND TAP		6-17-08	TRW
500	ROLLMARK CALIBER		6/17/08	RT
520	GOFF BLAST BBL / REC		6/18/08	TZ
530 & 540	APPLY COATINGS		6/19/08	LCR
560	FINAL ASSEMBLY		6-24-08	ESW
640	FUNCTION TEST AND	(PASS) FAIL	6-24-08	TRW
650	TARGET	(PASS) FAIL	6-24-08	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		6-24-08	MTM
	A) HEADSPACE	(PASS) FAIL	6-25-08	RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.83 2.78 2.84 2.74 2.62 6/25/08	Fm
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5.5 5.5 5.5 6/25/08	Fm
	G) SAFETY OFF FORCE	2 LBS MIN	3.5 3.5 3.5 6/25/08	Fm
	I) FIRING PIN INDENT	.020	.022 .022 .022 6/25/08	Fm
690	PACK		6/26/08	Fm

F006 REV 5/2006




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

MODEL 700™ M24

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

SERIAL NO.
C6611626

ORDER NO.
5716



5716 C6611626



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611626

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	2 1 91		Ru
600	Proof	2 1 91		Ru
607	Check Headspace	2 1 91		Ru
610	Dis-assemble Gun	2 1 91		Ru
612	Magnaflux Barrel Action	2 1 91		KCR
	Magnaflux Bolt	2 1 91		KCR
615	Rollmark Caliber	2 1 91		GS
617	Drill and Tap Sight Holes	2 1 91		LB
618	Polish Barrel RBB	2 1 91		WB
620	Apply Coatings (Barrel Action)		3/25/91	WB
	Apply Coating (Bolt)			WB
625	Final Assembly A) Clean inside of Bolt Assembly		3/25/91	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/25/91	WB
	C) Inspect Ejector Hole for Chamfer		3/25/91	WB
	D) Oil Firing Pin Ass'y		3/25/91	WB
	E) Adjust Trigger Pull to Min Setting and Stake		4/4/91	WB

op. #	OF. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			4/5/91	JH
	G) Safety Off Force	3	3	3			4/5/91	JH
	H) Trigger Pull Test & Retainability						4/4/91	JH
	I) Firing Pin Indent	.023	.023	.023			4/5/91	JH
	J) Assemble Stock						4/10/91	RW
	K) Assemble Swivel Studs						4-17-91	A
	L) Attach Front and Rear Sight Assemblies						4/10/91	RW
	M) Iron Sight Alignment						4/10/91	RW
	N) Detach Front & Rear Sights & place in numbered container						4/10/91	RW
	O) Attach Scope to Rifle						4/10/91	RW
	P) Detach & Attach Scope 20 Times						4/10/91	RW
640	Gallery Target & Test						4-11-91	DH
	A) Time						4-11-91	DH
	B) Malfunctions						4-11-91	DH
	C) Pierced Primers						4-11-91	DH
	D) Optical Clarity of Scope						4-11-91	DH
645	Inspect for Live Ammo						4-11-91	DH
655	Final Inspection						4-17-91	A
	A) Headspace						4-17-91	A
	B) Trigger Pull	2.59	2.53	2.22	2.51	2.50	4/16/91	JH
	C) Function						4-17-91	A
660	Pack						6-18-91	NF

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

SERIAL NO. C6611626DATE 4/4/91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.19	2.35	2.59	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.20	2.18	2.38	2.53	
PULL #3	2.33	2.40	2.31	2.22	
PULL #4	2.23	2.31	2.36	2.51	
PULL #5	2.27	2.37	2.36	2.50	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.46	3.45		
PULL #2	3.45	3.21		
PULL #3	3.33	3.51		
PULL #4	3.45	3.46		
PULL #5	3.39	3.47		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.44	4.56		4.38
PULL #2	4.47	4.29		4.30
PULL #3	4.42	4.27		4.34
PULL #4	4.34	4.47		4.28
PULL #5	4.44	4.32		4.12
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611626
11 Apr 1991

CENTROIDAL DISTANCES

0	TO	1	.238422
1	TO	2	.223081
1	TO	3	.15985
1	TO	4	.622142
1	TO	5	.421374

4.4 <----POA

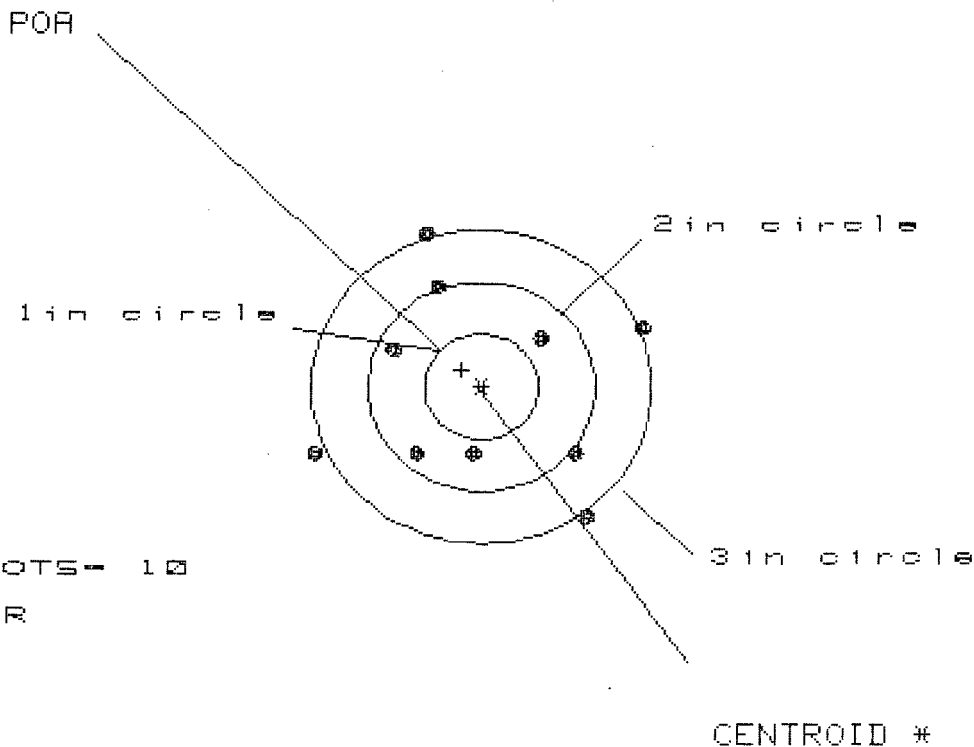
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0884
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1726
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .193921

THE AMR FOR THIS RIFLE IS: 1.064

11 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611626

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in = 0

2in = 5

3in = 6

HS = 2.916

VS = 2.715

GS = 3.162

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.440	1.276	.892
MINIMUM X	:	-1.476	-.902	-.743
MAXIMUM Y	:	1.456	1.383	1.444
MINIMUM Y	:	-1.259	-1.332	-1.271
CENTROID X	:	.174	.338	.179
CENTROID Y	:	-.163	-.090	-.151
POA TO CENTROID in.	:	.239	.350	.234
MIN RADIUS	:	.596	.537	.608
MEAN RADIUS	:	1.123	1.064	1.009
MAX RADIUS	:	1.617	1.529	1.552
HORIZONTAL SPREAD	:	2.916	2.178	1.635
VERTICAL SPREAD	:	2.715	2.715	2.715
EXTREME SPREAD	:	3.162	3.048	3.048
NUMBER IN ONE INCH CIRCLE =			0	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			6	

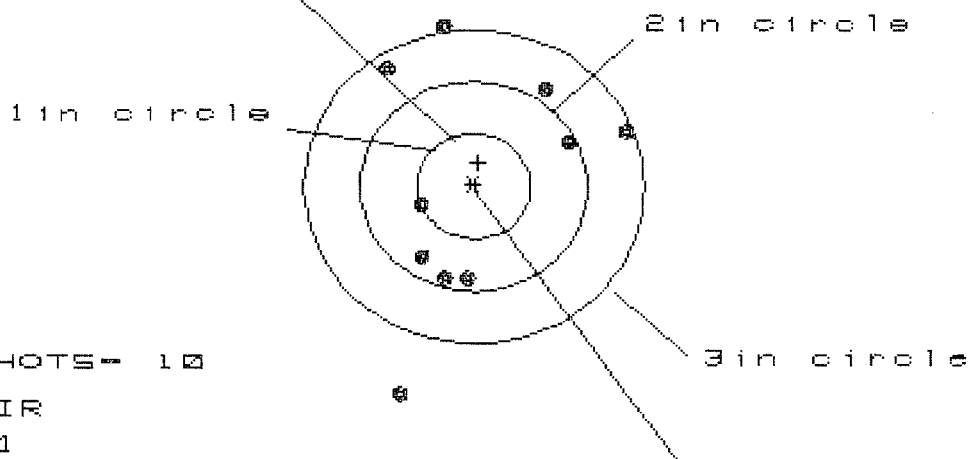
11 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611626

CENTERFIRE PATTERNS

2

POA



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 8

HS = 2.119

VS = 3.526

GS = 3.554

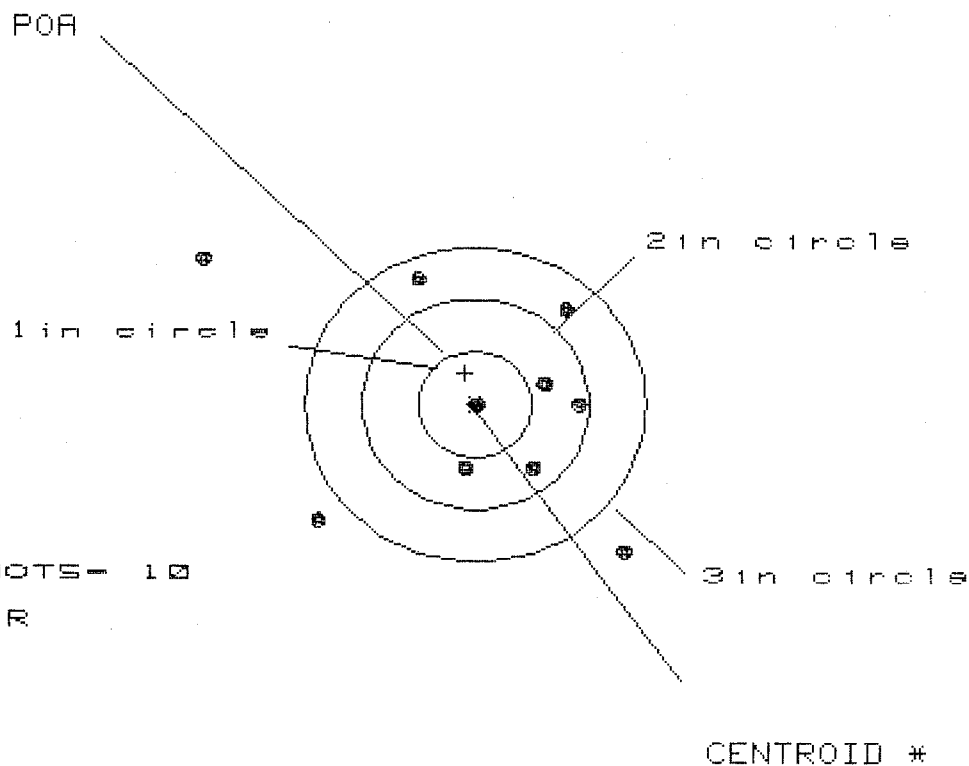
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.342	1.269	1.232
MINIMUM X	:	-.777	-.850	-.887
MAXIMUM Y	:	1.514	1.291	1.020
MINIMUM Y	:	-2.012	-1.068	-.907
CENTROID X	:	-.040	.033	.070
CENTROID Y	:	-.226	-.003	-.164
POA TO CENTROID in.	:	.230	.033	.178
MIN RADIUS	:	.461	.636	.586
MEAN RADIUS	:	1.147	1.041	.985
MAX RADIUS	:	2.117	1.323	1.352
HORIZONTAL SPREAD	:	2.119	2.119	2.119
VERTICAL SPREAD	:	3.526	2.359	1.927
EXTREME SPREAD	:	3.554	2.360	2.183
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

11 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611626

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 7

HS= 3.735

VS= 2.842

GS= 4.693

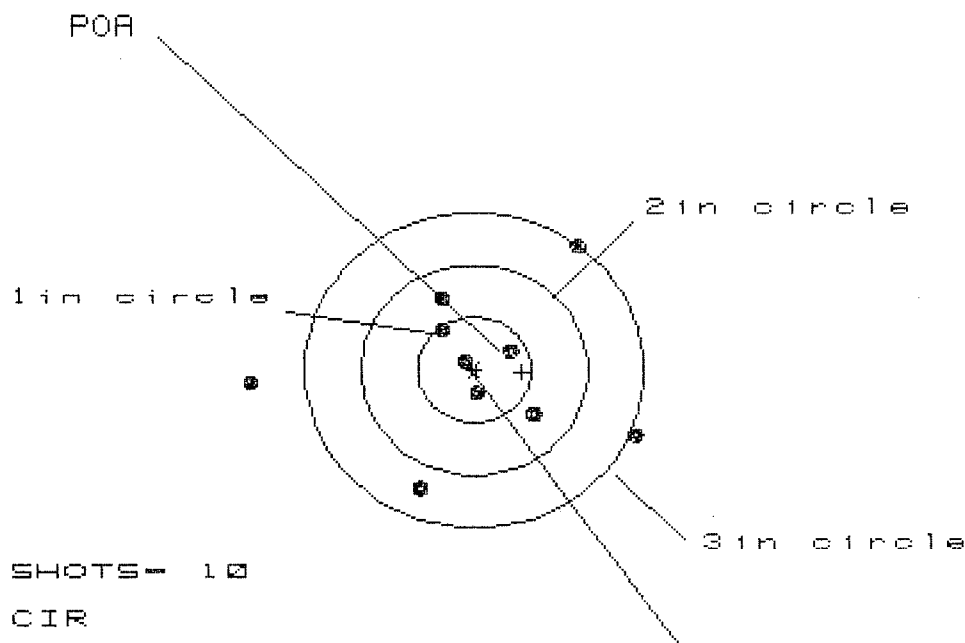
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.356	1.091	.805
MINIMUM X	:	-2.380	-1.636	-1.500
MAXIMUM Y	:	1.423	1.309	1.151
MINIMUM Y	:	-1.419	-1.261	-1.087
CENTROID X	:	.090	.354	.217
CENTROID Y	:	-.299	-.457	-.299
POA TO CENTROID in.	:	.312	.578	.370
MIN RADIUS	:	.054	.309	.107
MEAN RADIUS	:	1.188	.967	.871
MAX RADIUS	:	2.772	1.881	1.852
HORIZONTAL SPREAD	:	3.735	2.727	2.305
VERTICAL SPREAD	:	2.842	2.570	2.238
EXTREME SPREAD	:	4.693	3.135	2.964
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

11 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B11626

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 4

2in = 6

3in = 8

HS= 3.372

VS= 2.338

GS= 3.409

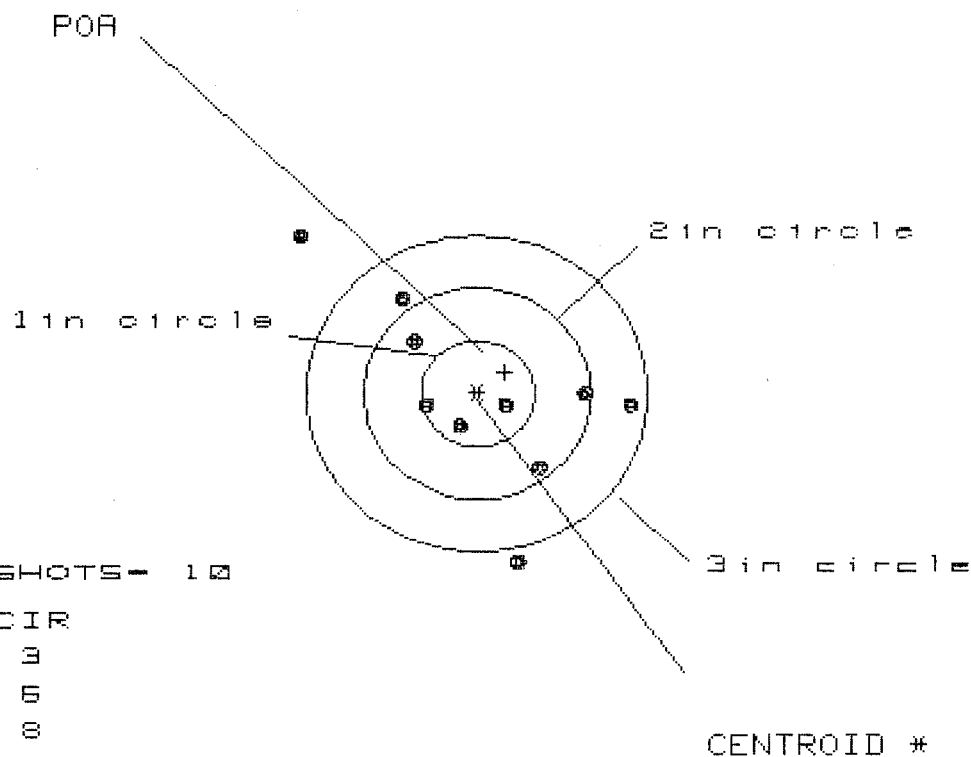
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.390	1.170	.801
MINIMUM X	:	-1.982	-.694	-.548
MAXIMUM Y	:	1.196	1.182	1.102
MINIMUM Y	:	-1.142	-1.156	-1.236
CENTROID X	:	-.420	-.200	-.346
CENTROID Y	:	.022	.036	.116
POA TO CENTROID in.	:	.420	.203	.365
MIN RADIUS	:	.061	.199	.142
MEAN RADIUS	:	.877	.760	.658
MAX RADIUS	:	1.986	1.351	1.362
HORIZONTAL SPREAD	:	3.372	1.864	1.349
VERTICAL SPREAD	:	2.338	2.338	2.338
EXTREME SPREAD	:	3.409	2.699	2.699
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

11 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611626

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 8

HS= 2.939

VS= 3.089

GS= 3.653

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.344
MINIMUM X	-1.595
MAXIMUM Y	1.498
MINIMUM Y	-1.591
CENTROID X	-.246
CENTROID Y	-.197
POA TO CENTROID in.	.315
MIN RADIUS	.279
MEAN RADIUS	.983
MAX RADIUS	2.188
HORIZONTAL SPREAD	2.939
VERTICAL SPREAD	3.089
EXTREME SPREAD	3.653
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	8