

C6349048

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Repair Inquiry

Repair Number: **RE00102795**Serial: C6349048 Model: M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed: 10/26/2005 8:47:22 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received FromName: **PR W7LZ CAMP SHELBY DET 57**Name: **PR W7LZ CAMP SHELBY DET 57**Address 1: **OEF TRAINING BDE ROTATION**Address 1: **OEF TRAINING BDE ROTATION**Address 2: **BLDG 6520 WAREHOUSE AVE**Address 2: **BLDG 6520 WAREHOUSE AVE**

PO Box:

PO Box:

City: **CAMP SHELBY**City: **CAMP SHELBY**State: **MS**

Zip Code:

39407Country: **US**State: **MS**

Zip Code:

39407Country: **US**

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: **601-558-4593**

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A045	Bi Pod	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

logletj

10/26/2005

9:44 AM

CAPS

NUM

INS

SCPL

start

2

2

3

Arms S.

6

6

6

6

Serial Number: **C6349048**Model: **M24 SWS****RE00102795**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349048.___0

FILE DATE AND TIME: 11/28/2005 14:40

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

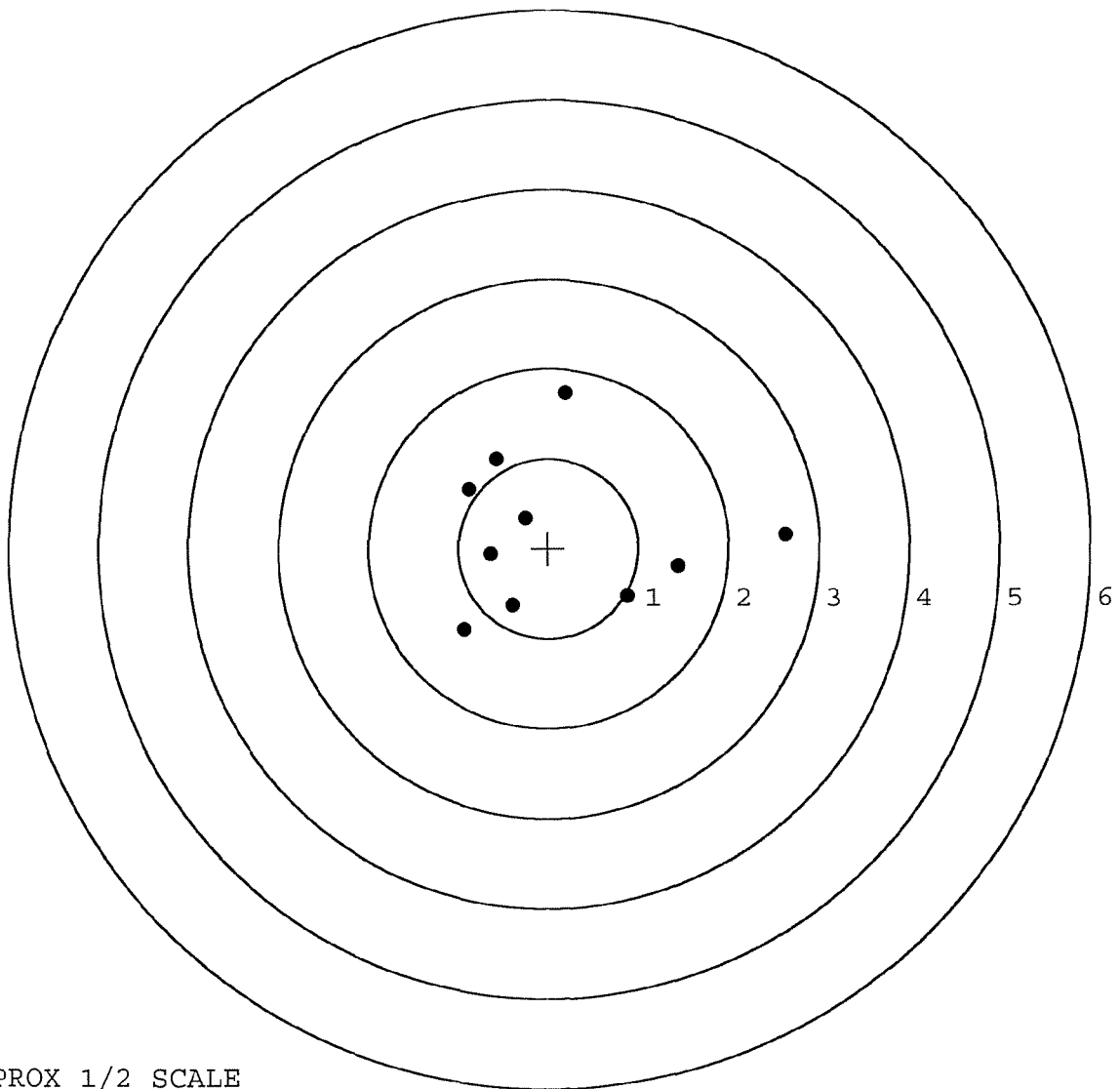
The Average X Centroid of the Five Target Set:	0.059
The Average Y Centroid of the Five Target Set:	-0.029
The Average Point of Impact of the Five Target Set:	0.066
The Average Mean Radius of the Five Target Set:	0.930
The Distance from POA to Centroid Target #1:	0.210
The Distance from Centroid Target #2 to Centroid Target #1:	0.427
The Distance from Centroid Target #3 to Centroid Target #1:	0.201
The Distance from Centroid Target #4 to Centroid Target #1:	0.079
The Distance from Centroid Target #5 to Centroid Target #1:	0.322

BARBER - M24 0106631

SERIAL NUMBER: C6349048. 0
 TARGET NUMBER: 1
 FILE DATE: 11/28/2005
 FILE TIME: 14:40

POINT#	X	Y
1:	2.620	0.159
2:	1.443	-0.198
3:	0.884	-0.540
4:	0.193	1.722
5:	-0.260	0.337
6:	-0.576	0.996
7:	-0.885	0.661
8:	-0.640	-0.066
9:	-0.398	-0.637
10:	-0.938	-0.902

X CENTROID: 0.144
 Y CENTROID: 0.153
 POA TO CENTROID: 0.210
 HORZ SPREAD: 3.558
 VERT SPREAD: 2.624
 GROUP SPREAD: 3.713
 MIN RADIUS: 0.444
 MAX RADIUS: 2.476
 MEAN RADIUS: 1.239
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 3
 # in 3 IN DIAMETER: 7



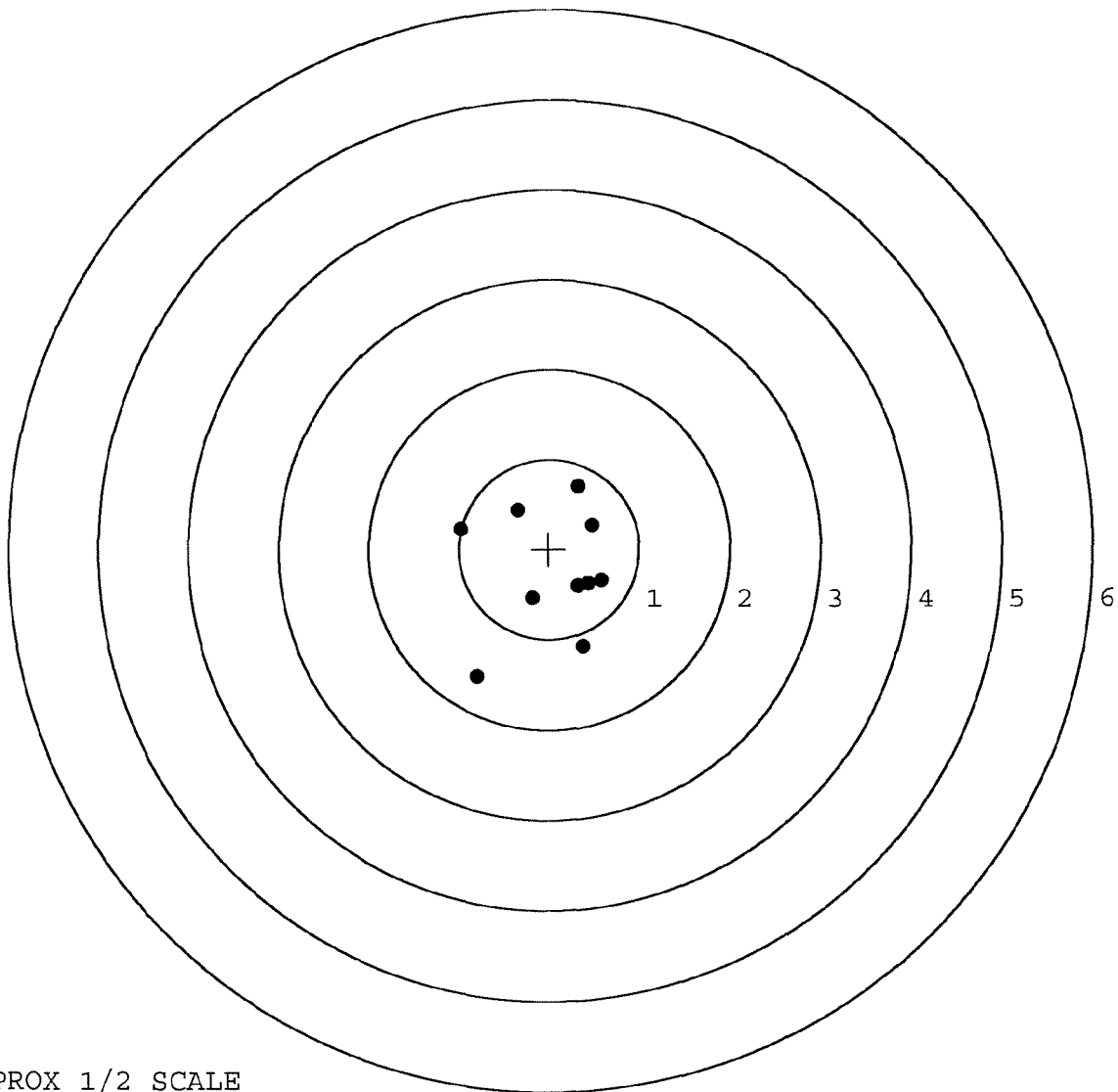
TARGET APPROX 1/2 SCALE

BARBER - M24 0106632

SERIAL NUMBER: C6349048. __0
 TARGET NUMBER: 2
 FILE DATE: 11/28/2005
 FILE TIME: 14:40

POINT#	X	Y
1:	0.379	-1.083
2:	-0.799	-1.410
3:	-0.185	-0.551
4:	0.326	-0.409
5:	0.580	-0.351
6:	0.474	0.267
7:	0.325	0.701
8:	-0.349	0.435
9:	-0.982	0.221
10:	0.439	-0.380

X CENTROID: 0.021
 Y CENTROID: -0.256
 POA TO CENTROID: 0.257
 HORZ SPREAD: 1.562
 VERT SPREAD: 2.111
 GROUP SPREAD: 2.392
 MIN RADIUS: 0.341
 MAX RADIUS: 1.416
 MEAN RADIUS: 0.761
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



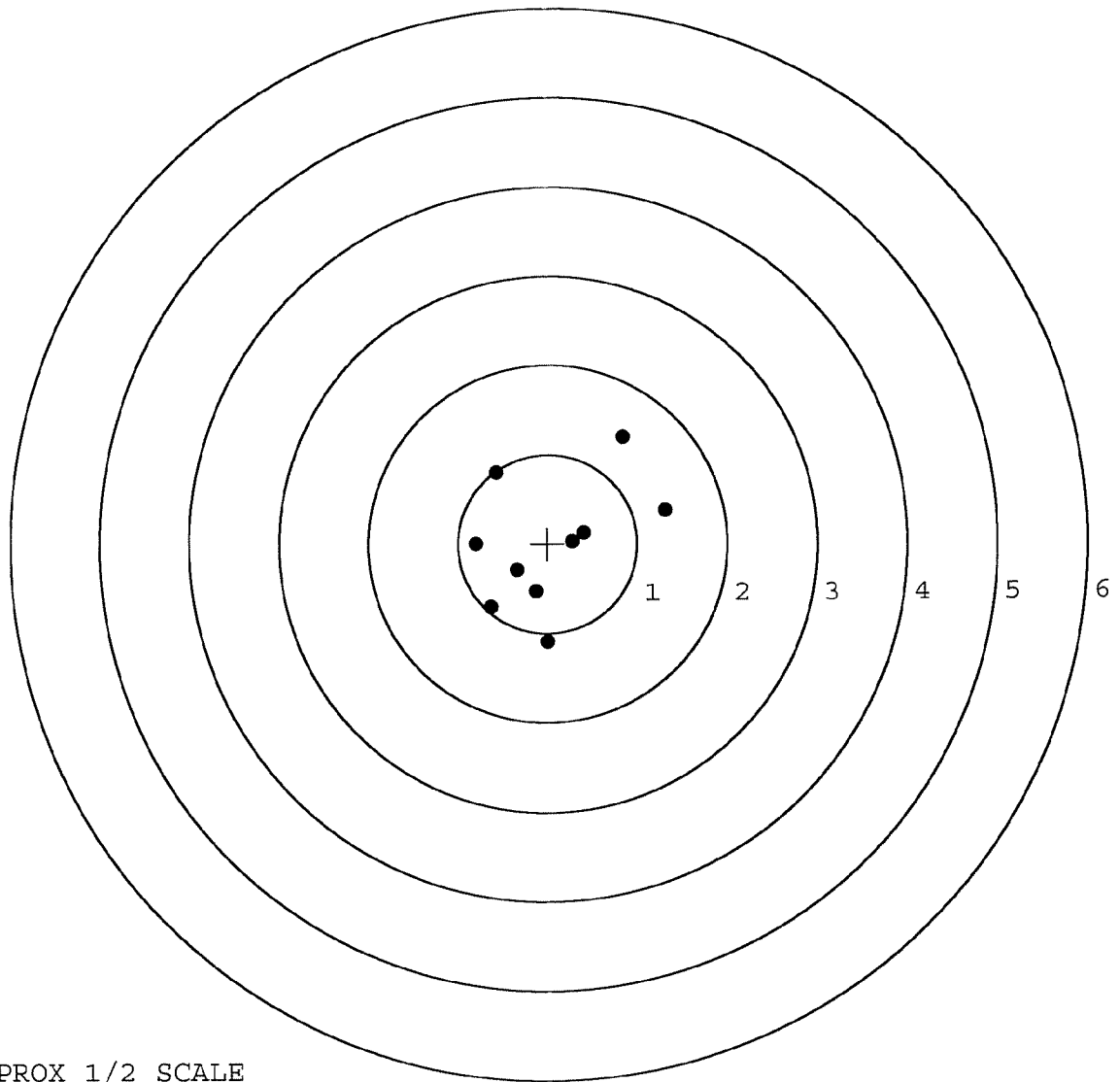
TARGET APPROX 1/2 SCALE

BARBER - M24 0106633

SERIAL NUMBER: C6349048. __0
 TARGET NUMBER: 3
 FILE DATE: 11/28/2005
 FILE TIME: 14:40

POINT#	X	Y
1:	1.307	0.373
2:	0.845	1.192
3:	0.402	0.121
4:	0.276	0.020
5:	-0.006	-1.106
6:	-0.639	-0.712
7:	-0.802	-0.002
8:	-0.569	0.802
9:	-0.343	-0.294
10:	-0.133	-0.539

X CENTROID: 0.034
 Y CENTROID: -0.014
 POA TO CENTROID: 0.037
 HORZ SPREAD: 2.109
 VERT SPREAD: 2.298
 GROUP SPREAD: 2.451
 MIN RADIUS: 0.245
 MAX RADIUS: 1.454
 MEAN RADIUS: 0.835
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10



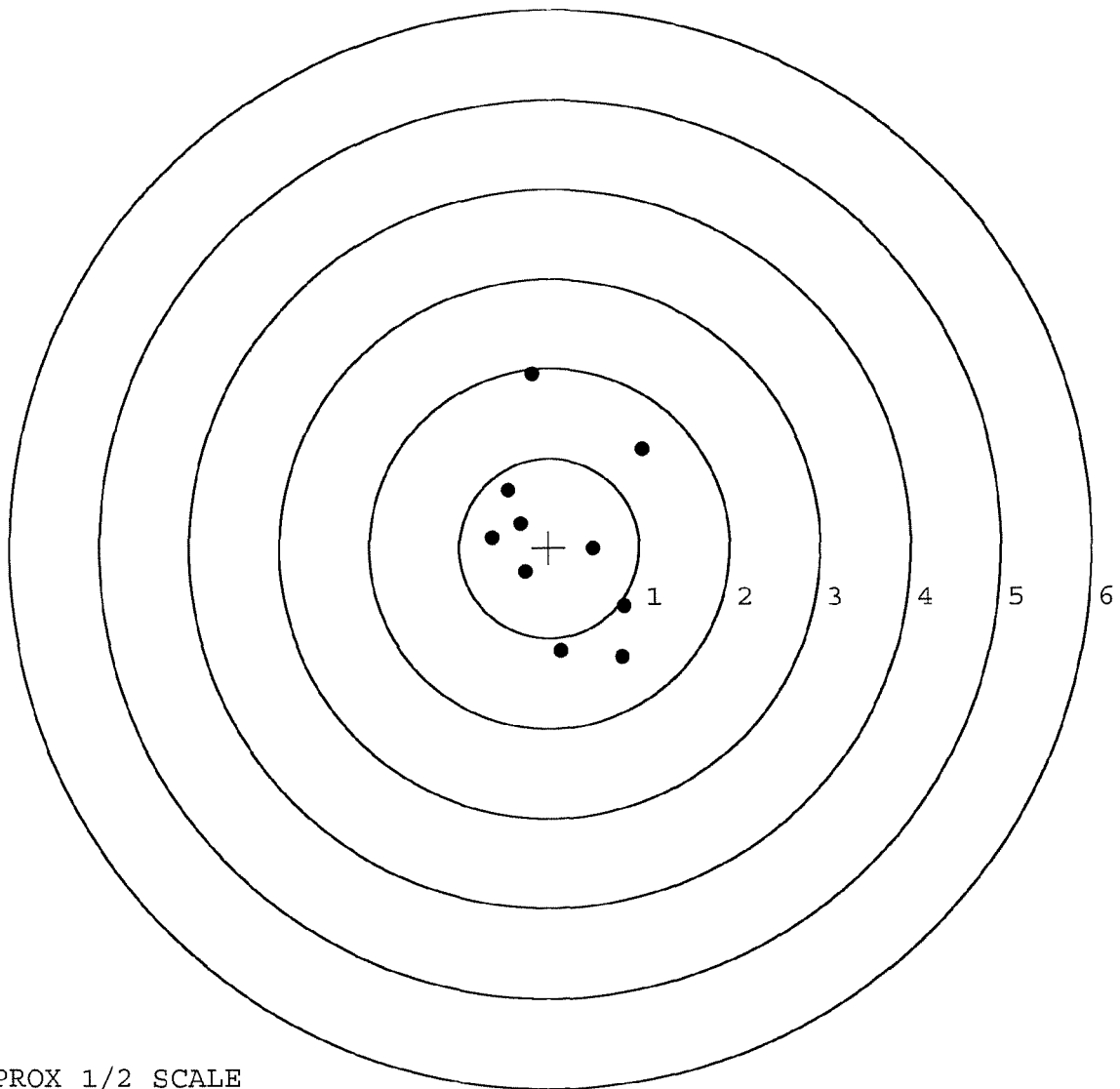
TARGET APPROX 1/2 SCALE

BARBER - M24 0106634

SERIAL NUMBER: C6349048. 0
TARGET NUMBER: 4
FILE DATE: 11/28/2005
FILE TIME: 14:40

POINT#	X	Y
1:	0.819	-1.216
2:	0.137	-1.150
3:	0.839	-0.658
4:	0.493	-0.009
5:	1.037	1.096
6:	-0.188	1.938
7:	-0.266	-0.280
8:	-0.640	0.114
9:	-0.314	0.271
10:	-0.454	0.641

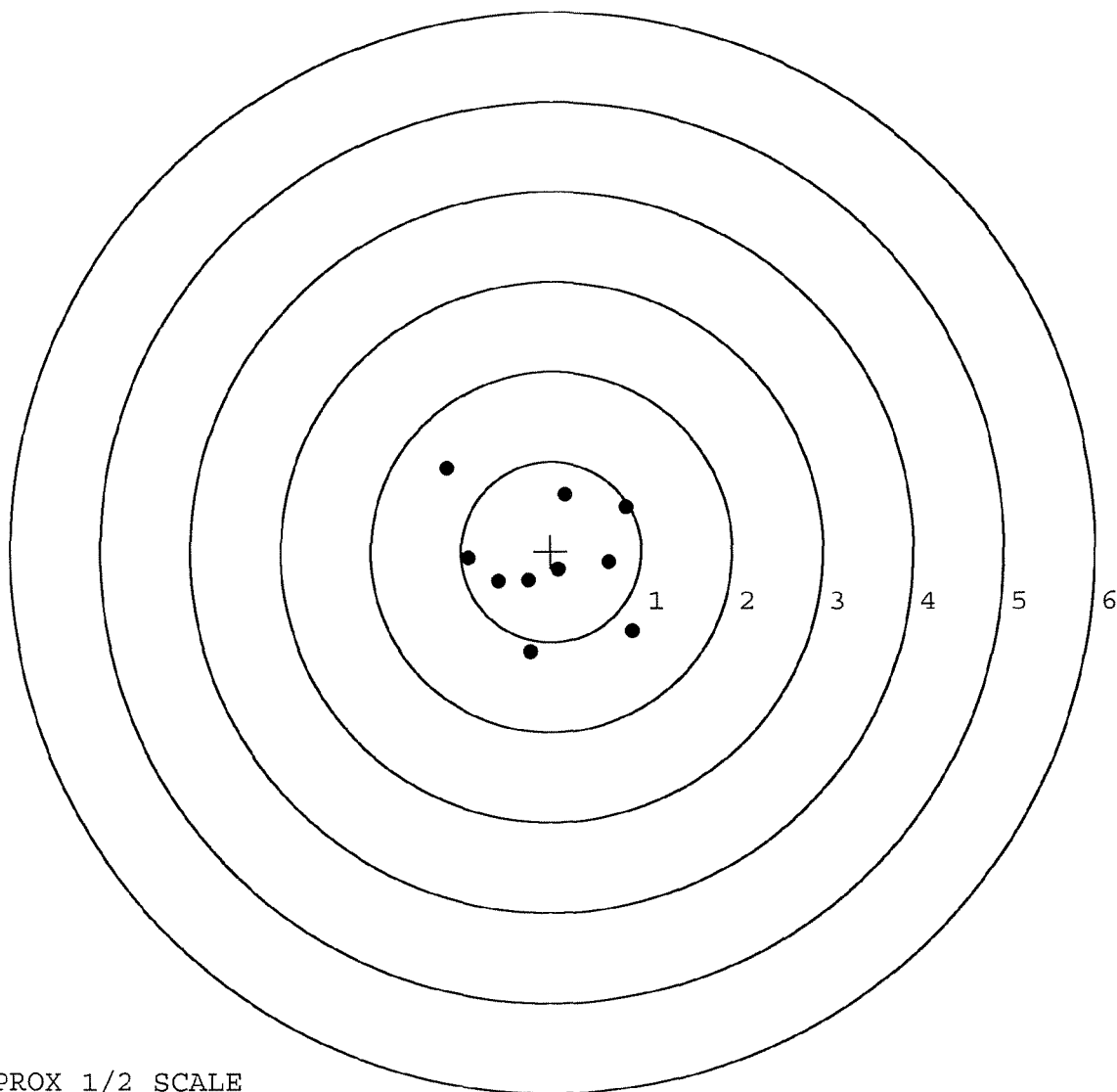
X CENTROID: 0.146
Y CENTROID: 0.075
POA TO CENTROID: 0.164
HORZ SPREAD: 1.677
VERT SPREAD: 3.154
GROUP SPREAD: 3.311
MIN RADIUS: 0.357
MAX RADIUS: 1.893
MEAN RADIUS: 0.995
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0106635

SERIAL NUMBER: C6349048. 0	POINT#	X	Y
TARGET NUMBER: 5	1:	0.902	-0.887
FILE DATE: 11/28/2005	2:	0.642	-0.123
FILE TIME: 14:40	3:	0.828	0.488
	4:	0.158	0.628
X CENTROID: -0.052	5:	-0.221	-1.118
Y CENTROID: -0.103	6:	-1.155	0.922
POA TO CENTROID: 0.115	7:	-0.916	-0.078
HORZ SPREAD: 2.057	8:	-0.584	-0.332
VERT SPREAD: 2.040	9:	-0.253	-0.324
GROUP SPREAD: 2.739	10:	0.084	-0.206
MIN RADIUS: 0.170			
MAX RADIUS: 1.506			
MEAN RADIUS: 0.820			
# IN 1 IN DIAMETER: 2			
# IN 2 IN DIAMETER: 6			
# in 3 IN DIAMETER: 9			



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	102795	Camp Shelby		
SERIAL NUMBER	6349048			
LOG-IN DATE	10-26-05			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		11-4-05	AC
505	RE-BARREL		11-8-05	AC
560	ASSEMBLE		11-15-05	CD
600	PROOF	MAGNA - FLUX INSPECTED	11-15-05	CD
605	CHECK HEADSPACE		11-15-05	CD
610	DIS-ASSEMBLE GUN	NOV 18 2005	11-15-05	CD
612	MAGNAFLUX	OPERATOR <i>luc</i>	11/18/05	<i>luc</i>
510	DRILL AND TAP		11-17-05	BR
615	ROLLMARK CALIBER		11-18-05	CW
618	ROTO-BLAST		11-21-05	LB
620	APPLY COATINGS		11/22/05	FB
625	FINAL ASSEMBLY		11-23-05	BC
640	FUNCTION TEST AND	PASS FAIL	11-28-05	TKW
650	TARGET	PASS FAIL	11-28-05	TKW
	MALFUNCTION <i>BAC</i>	CORRECTION <i>OK</i>	11-28-05	AC
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION <i>N/A</i>		
	MALFUNCTION	CORRECTION	11-28-05	TKW
670	FINAL INSPECTION		11-28-05	AC
	A) HEADSPACE	PASS FAIL	11-28-05	AC
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS		X
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS	6 lbs 6 lbs 6 lbs	AC
	G) SAFETY OFF FORCE	2 LBS MIN	3 lbs 3 lbs 3 lbs	AC
	I) FIRING PIN INDENT	.020	.021 .021 .021	AC
690	PACK		12-1-05	RA

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

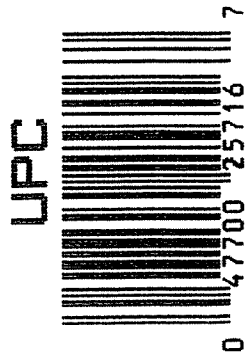
MODEL 700™ H24

SERIAL NO. C6349048

ORDER NO. 5716

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

01



GUN SERIAL # C6349048

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	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		KCR
	Magnaflux Bolt	1-5-90		
615	Rollmark Caliber		1/3/90	JS
617	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	TA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		1/17/90 1/17/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/17/90	RW
	C) Inspect Ejector Hole for Chamfer		1/17/90	RW
	D) Oil Firing Pin Ass'y		1/17/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1/18/90	WB

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	6	6	6	1-18-90	JL
	G) Safety Off Force	3	3	3	1-18-90	JL
	H) Trigger Pull Test & Retainability				18 MAR 90	JL
	I) Firing Pin Indent	10205	.0205	1020	1-18-90	JL
	J) Assemble Stock				3/5/90	RW
	K) Assemble Swivel Studs				3/13/90	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				3/5/90	WB
	P) Detach & Attach Scope 20 Times				3/5/90	WB
640	Gallery Target & Test				3-6-90	JS Temp. Help
	A) Time					
	B) Malfunctions					
	C) Pierced Primers					
	D) Optical Clarity of Scope					
645	Inspect for Live Ammo					
655	Final Inspection					
	A) Headspace				16 MAR 90	JL
	B) Trigger Pull	258	229	232	16 MAR 90	JL
	C) Function				16 MAR 90	JL
660	Pack				19 MAR 90	JL

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6349048

DATE 18 Jan 90

TESTER ELS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.44	2.38	2.58	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.47	2.40	2.38	2.29	
PULL #3	2.40	2.39	2.38	2.32	
PULL #4	2.39	2.38	2.39	2.32	
PULL #5	2.39	2.40	2.37	2.29	
TOTAL	12.07	12.01	11.90	11.80	
AVG.	2.414	2.402	2.38	2.36	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.13	3.22		
PULL #2	2.96	3.28		
PULL #3	3.11	3.34		
PULL #4	3.33	3.34		
PULL #5	3.34	3.27		
TOTAL	15.87	16.45		
AVG.	3.174	3.29		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.23		4.20
PULL #2	4.11	3.92		4.24
PULL #3	4.12	3.91		4.26
PULL #4	4.18	3.89		4.22
PULL #5	4.13	3.90		4.20
TOTAL	20.72	19.85		21.12
AVG.	4.144	3.97		4.224

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349048
6 Mar 1990

CENTROIDAL DISTANCES

0 TO	1	.233684
1 TO	2	.164
1 TO	3	.0710634
1 TO	4	.595285
1 TO	5	.328539

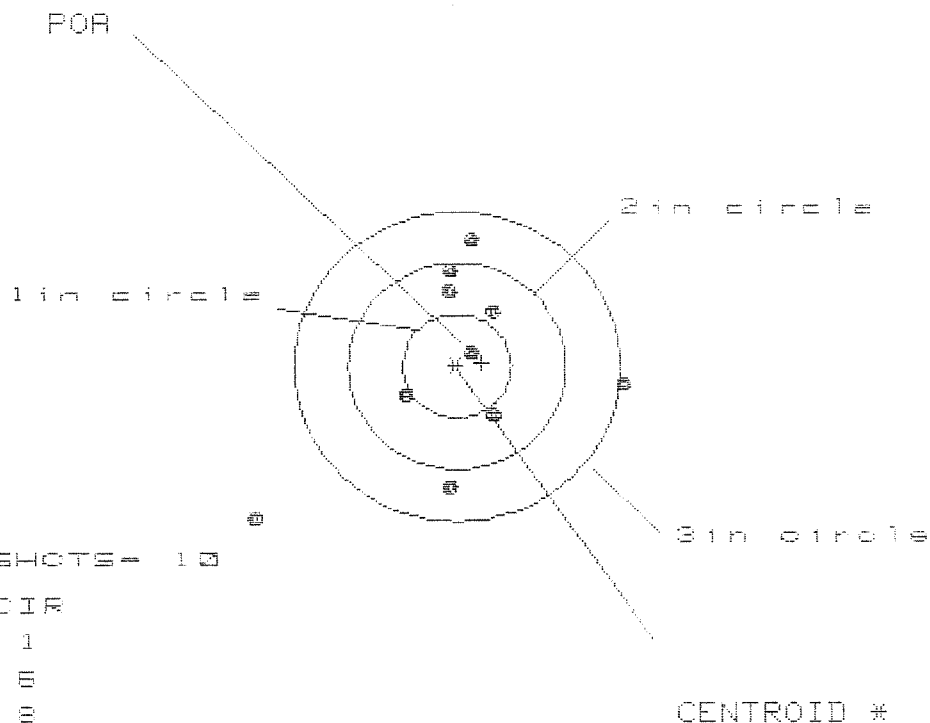
4 $\frac{5}{2} +$ <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.384
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .031
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .385249
THE AMR FOR THIS RIFLE IS: 1.028

8 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/Y 08345048

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 8

HS= 3.442

VS= 2.768

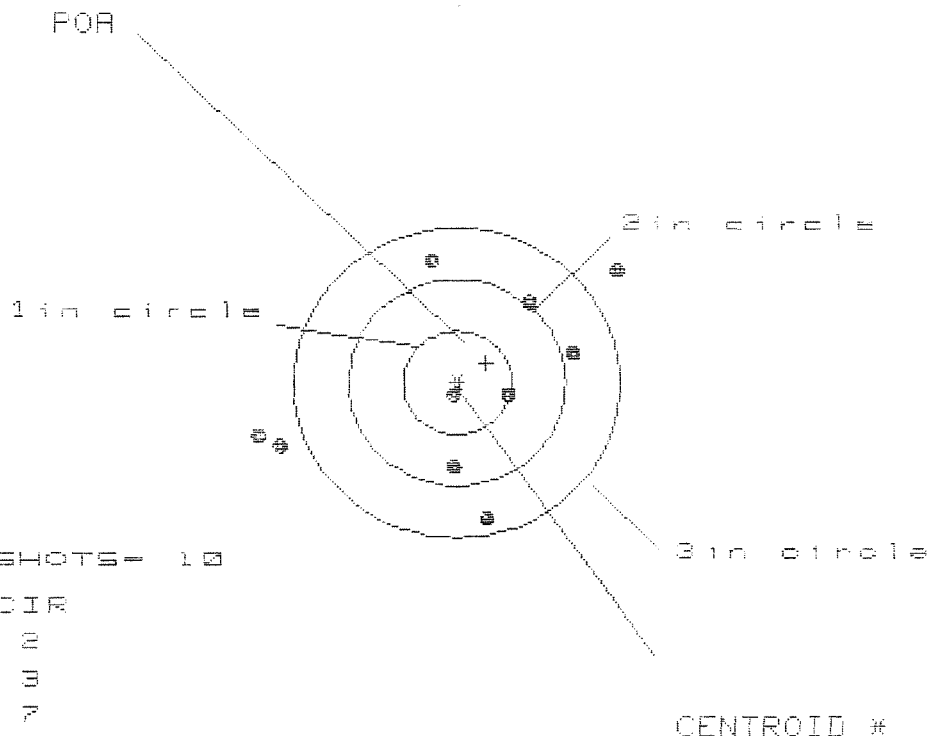
GS= 3.685

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.577	1.370	.338
MINIMUM X	-1.865	-.720	-.549
MAXIMUM Y	1.265	1.098	1.054
MINIMUM Y	-1.503	-1.347	-1.391
CENTROID X	-.232	-.025	-.196
CENTROID Y	-.028	.139	.183
POR TO CENTROID in.	.234	.141	.268
MIN RADIUS	.185	.109	.084
MEAN RADIUS	1.006	.808	.710
MAX RADIUS	2.395	1.415	1.393
HORIZONTAL SPREAD	3.442	2.090	.887
VERTICAL SPREAD	2.768	2.445	2.445
EXTREME SPREAD	3.685	2.449	2.449
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

6 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/Y 06349048

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 3

3 in = 7

HS= 3.301

VS= 2.462

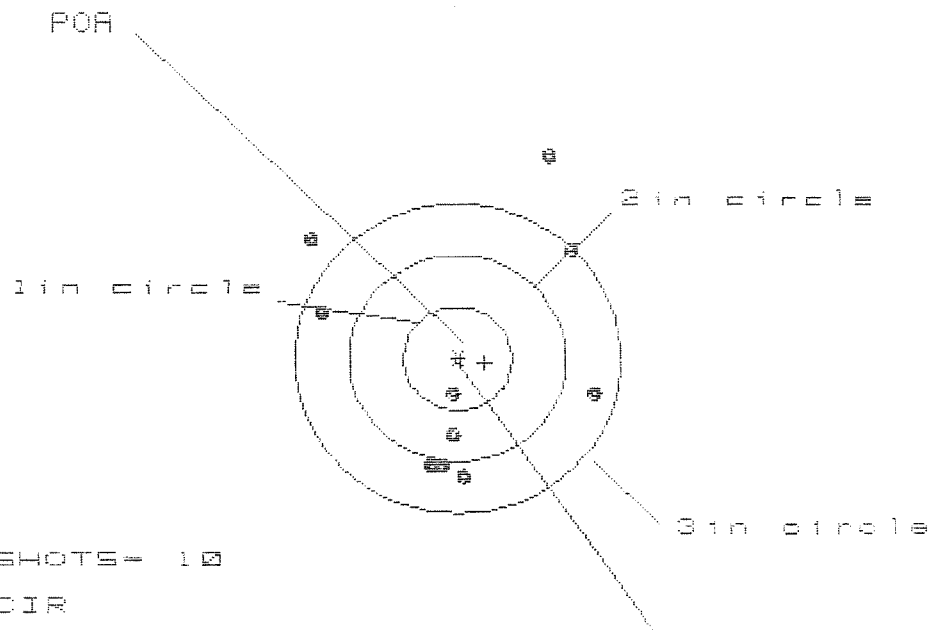
GS= 3.707

PATTERN #	:	2	3	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.430	1.222	1.035
MINIMUM X	:	-1.871	-1.871	-1.718
MAXIMUM Y	:	1.178	1.116	1.249
MINIMUM Y	:	-1.284	-1.346	-1.213
CENTROID X	:	-.268	-.060	-.213
CENTROID Y	:	-.188	-.126	-.259
POA TO CENTROID in.	:	.327	.140	.336
MIN RADIUS	:	.062	.242	.056
MEAN RADIUS	:	1.153	1.039	.955
MAX RADIUS	:	1.952	1.986	1.799
HORIZONTAL SPREAD	:	3.301	3.093	2.753
VERTICAL SPREAD	:	2.462	2.462	2.462
EXTREME SPREAD	:	3.707	3.547	2.896
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	7		

8 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/Y 06345048

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 2

3 in = 7

HS = 2.654

VS = 3.104

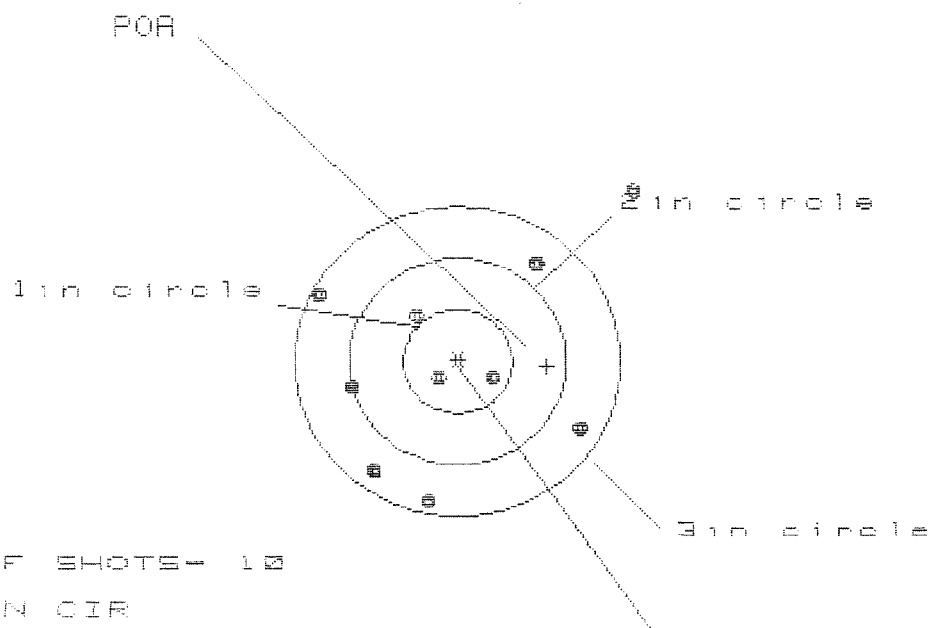
GS = 3.203

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.276
MINIMUM X	-1.378
MAXIMUM Y	1.973
MINIMUM Y	-1.131
CENTROID X	-.249
CENTROID Y	.041
POA TO CENTROID in.	.253
MIN RADIUS	.380
MEAN RADIUS	1.245
MAX RADIUS	2.148
HORIZONTAL SPREAD	2.654
VERTICAL SPREAD	3.104
EXTREME SPREAD	3.203
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	2
NUMBER IN THREE INCH CIRCLE =	7

8 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/Y 06349048

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 0

HS= 2.848

VS= 3.073

GS= 3.690

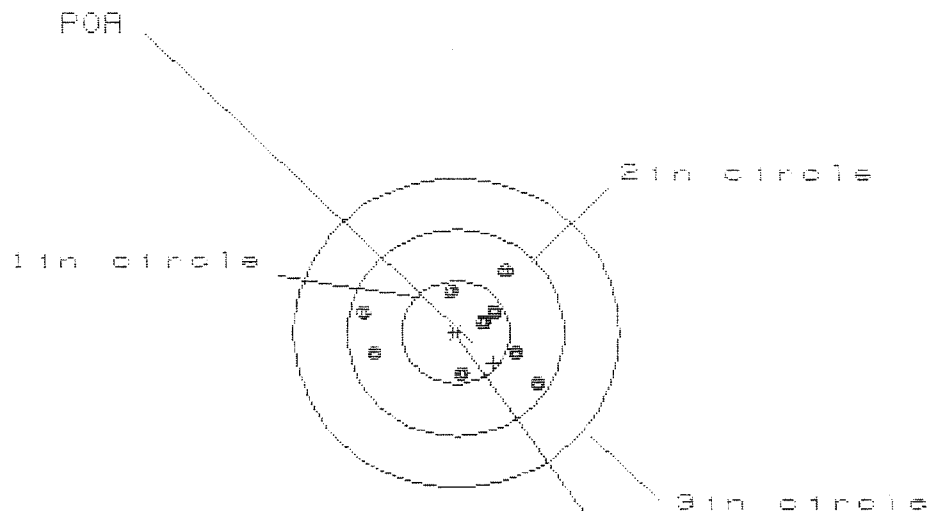
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.668	1.300	1.286
MINIMUM X	:	-1.280	-1.095	-1.109
MAXIMUM Y	:	1.681	1.115	.964
MINIMUM Y	:	-1.392	-1.205	-1.063
CENTROID X	:	-.822	-1.007	-.993
CENTROID Y	:	.051	-.136	.015
POA TO CENTROID in.	:	.824	1.017	.993
MIN RADIUS	:	.284	.026	.160
MEAN RADIUS	:	1.124	.941	.909
MAX RADIUS	:	2.368	1.427	1.412
HORIZONTAL SPREAD	:	2.948	2.395	2.395
VERTICAL SPREAD	:	3.073	2.320	2.027
EXTREME SPREAD	:	3.690	2.694	2.694
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

8 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/1 06845048

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 4

2in = 10

3in = 10

HS= 1.811

VS= 1.055

GS= 1.737

CENTROID *

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.738	.641	.517
MINIMUM X	-.873	-.888	-.888
MAXIMUM Y	.594	.615	.560
MINIMUM Y	-.461	-.440	-.421
CENTROID X	-.349	-.252	-.332
CENTROID Y	.300	.279	.334
POA TO CENTROID in.	.460	.376	.471
MIN RADIUS	.300	.213	.277
MEAN RADIUS	.610	.557	.536
MAX RADIUS	.893	.905	.840
HORIZONTAL SPREAD	1.611	1.529	1.325
VERTICAL SPREAD	1.055	1.055	.981
EXTREME SPREAD	1.737	1.552	1.510
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	10		
NUMBER IN THREE INCH CIRCLE =	10		