

C6349137

MODEL 700™ M24

Model **SMS**™

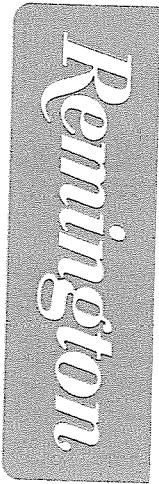
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



BARBER - M24 0108540

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: **RE00092211** Serial: C6349137 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 06/19/1990 Repairman: Status: Closed 2/1/2005 7:08:16 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **DEF DIST DEPOT ANNISTON** **DEF DIST DEPOT ANNISTON**

Address 1: Address 2: PO Box: PO Box:

City: **ANNISTON** **ANNISTON**

State: **AL** Zip Code: **362014199** Country: **US** State: **AL** Zip Code: **362014199** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: Fax: Email: Comments:

Received Condition: Good Condition Notes: CSR Notes:

Accessories Received:

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	1
A026	Scope	1
A057	Frt and Rear Sgt Base	1

Repair Search Refresh Close

negletj 2/7/2005 11:08 AM CAPS NUM INS SCRL

start 3 3 3

Serial Number: **C6349137**

Model: **M24 SWS**



RE00092211

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 **0434901**08579

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349137.___0
FILE DATE AND TIME: 08/10/2005 09:04

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.158
The Average Y Centroid of the Five Target Set:	0.224
The Average Point of Impact of the Five Target Set:	0.274
The Average Mean Radius of the Five Target Set:	0.801
The Distance from POA to Centroid Target #1:	1.105
The Distance from Centroid Target #2 to Centroid Target #1:	0.840
The Distance from Centroid Target #3 to Centroid Target #1:	1.284
The Distance from Centroid Target #4 to Centroid Target #1:	0.992
The Distance from Centroid Target #5 to Centroid Target #1:	1.207

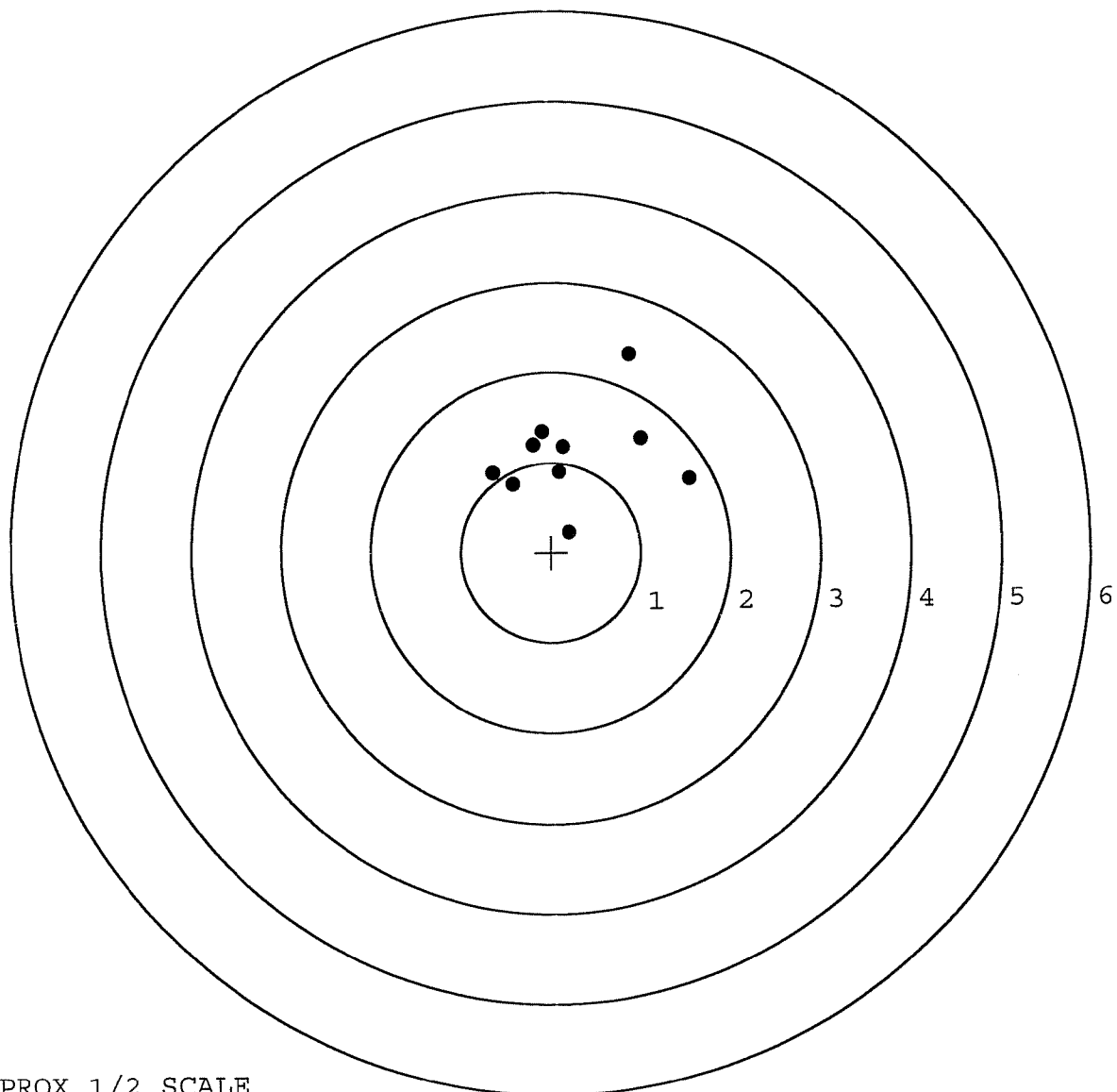
BARBER - M24 0108542

SERIAL NUMBER: C6349137. __0
TARGET NUMBER: 1
FILE DATE: 08/10/2005
FILE TIME: 09:04

X CENTROID: 0.253
Y CENTROID: 1.076
POA TO CENTROID: 1.105
HORZ SPREAD: 2.194
VERT SPREAD: 1.970
GROUP SPREAD: 2.195
MIN RADIUS: 0.152
MAX RADIUS: 1.321
MEAN RADIUS: 0.720

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.198	1.195
2:	0.142	1.179
3:	0.097	0.895
4:	-0.646	0.889
5:	-0.421	0.763
6:	0.205	0.222
7:	1.548	0.813
8:	1.013	1.264
9:	0.887	2.192
10:	-0.094	1.344



TARGET APPROX 1/2 SCALE

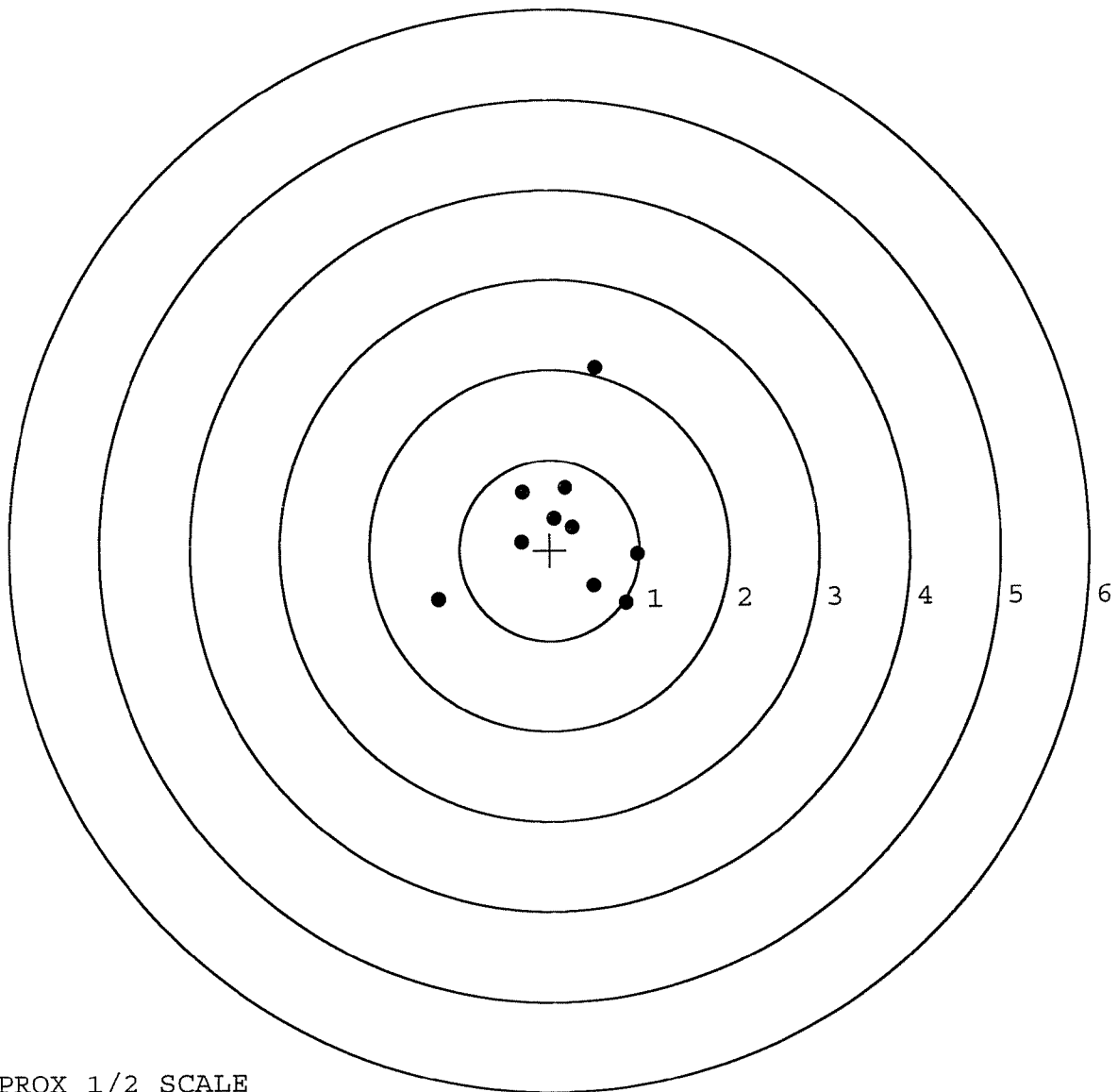
BARBER - M24 0108543

SERIAL NUMBER: C6349137. __0
TARGET NUMBER: 2
FILE DATE: 08/10/2005
FILE TIME: 09:04

X CENTROID: 0.146
Y CENTROID: 0.242
POA TO CENTROID: 0.283
HORZ SPREAD: 2.217
VERT SPREAD: 2.613
GROUP SPREAD: 3.116
MIN RADIUS: 0.112
MAX RADIUS: 1.813
MEAN RADIUS: 0.791

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.530	2.014
2:	0.843	-0.599
3:	0.976	-0.058
4:	0.489	-0.403
5:	0.180	0.687
6:	-0.306	0.642
7:	0.258	0.251
8:	0.048	0.351
9:	-0.317	0.088
10:	-1.241	-0.550



TARGET APPROX 1/2 SCALE

BARBER - M24 0108544

SERIAL NUMBER: C6349137. __0

TARGET NUMBER: 3

FILE DATE: 08/10/2005

FILE TIME: 09:04

POINT#	X	Y
1:	-1.014	0.548
2:	-0.373	0.524
3:	-0.337	0.316
4:	0.120	0.584
5:	0.288	0.062
6:	0.768	0.030
7:	-0.181	-0.956
8:	0.906	-1.039
9:	-0.646	-0.805
10:	-0.587	-0.832

X CENTROID: -0.106

Y CENTROID: -0.157

POA TO CENTROID: 0.189

HORZ SPREAD: 1.920

VERT SPREAD: 1.623

GROUP SPREAD: 2.491

MIN RADIUS: 0.450

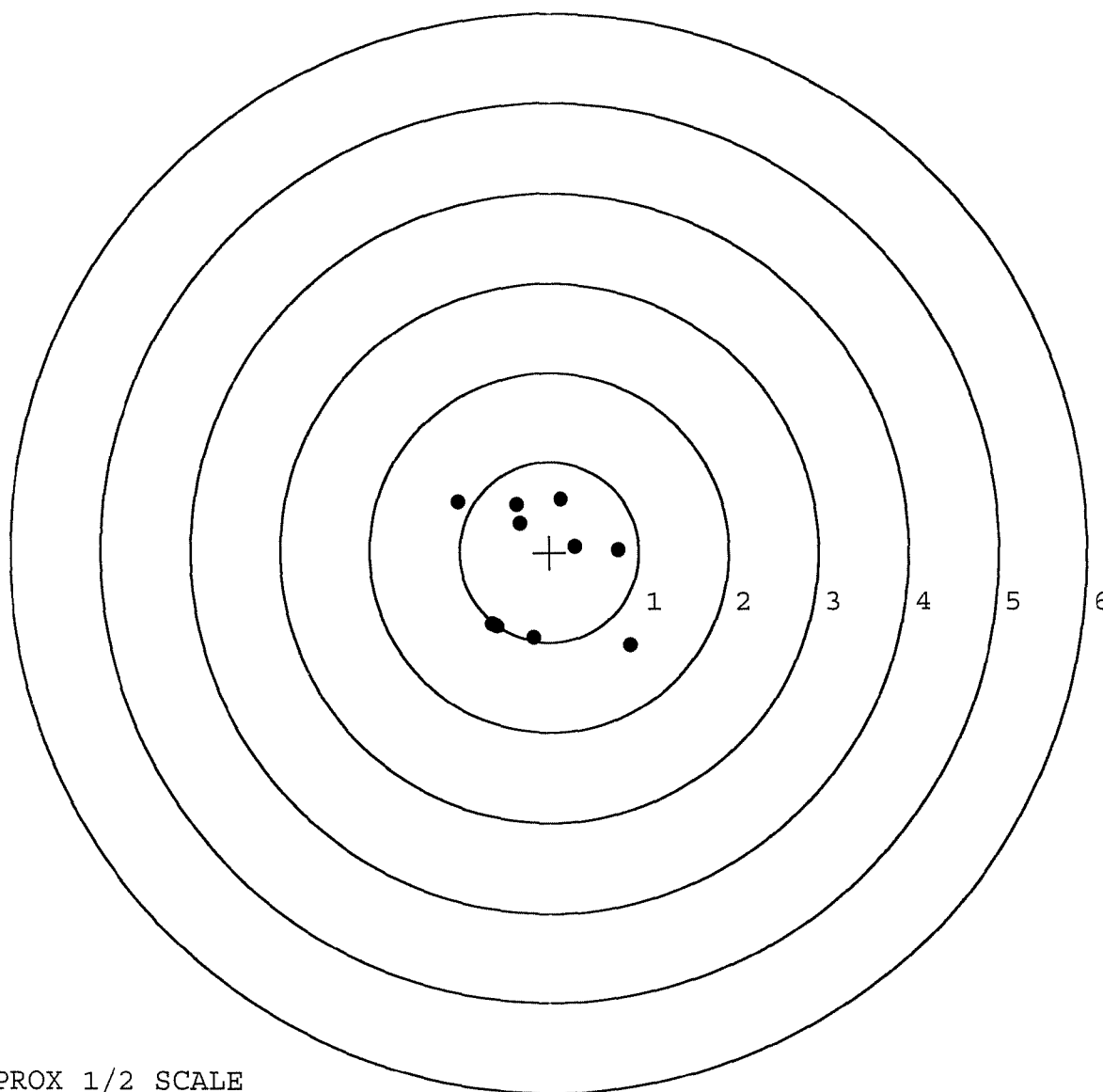
MAX RADIUS: 1.342

MEAN RADIUS: 0.834

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



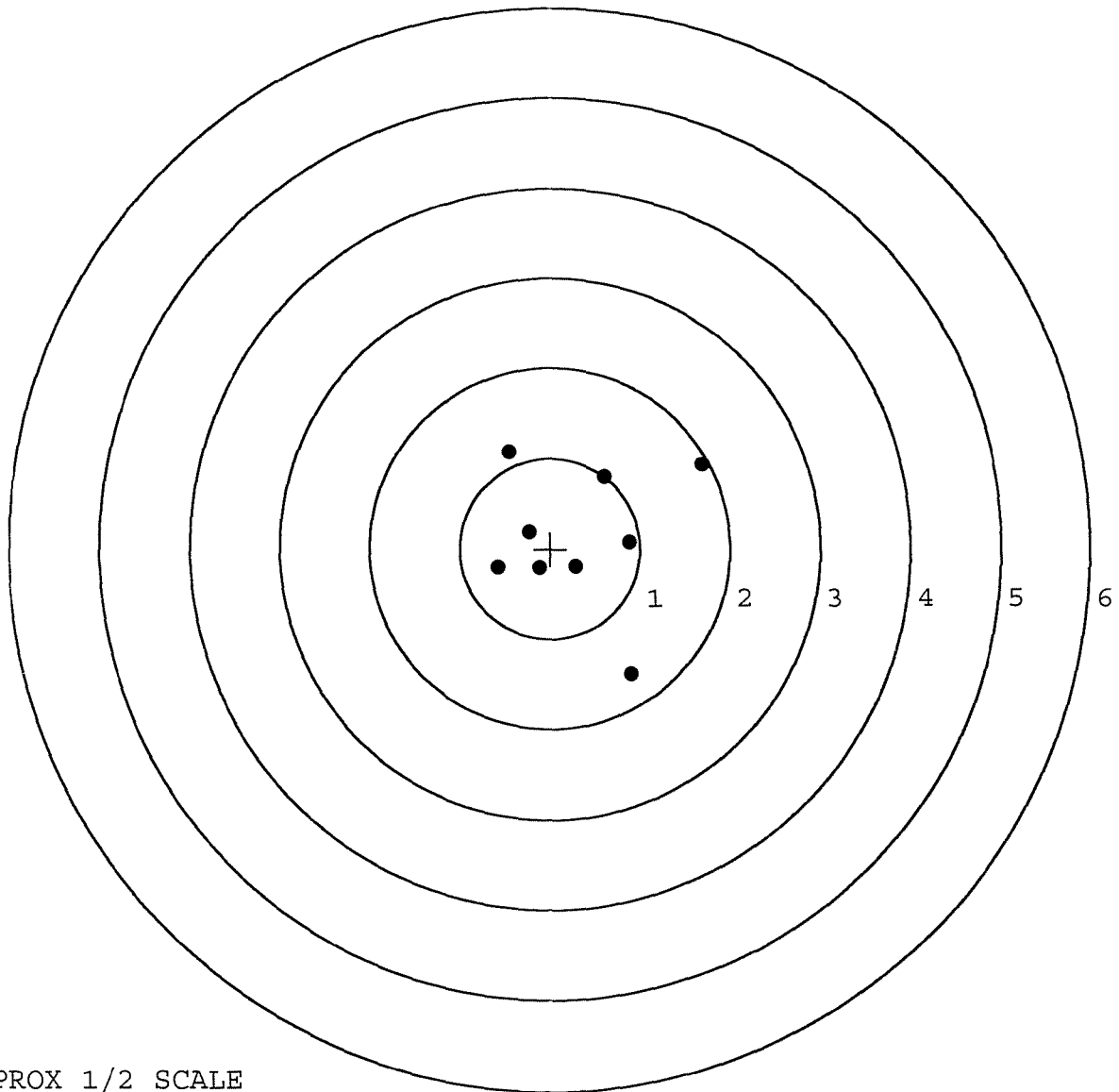
TARGET APPROX 1/2 SCALE

BARBER - M24 0108545

SERIAL NUMBER: C6349137. __0
TARGET NUMBER: 4
FILE DATE: 08/10/2005
FILE TIME: 09:04

POINT#	X	Y
1:	-0.463	1.071
2:	0.603	0.798
3:	1.700	0.932
4:	0.884	0.077
5:	0.906	-1.396
6:	-0.238	0.191
7:	-0.582	-0.206
8:	-0.121	-0.212
9:	0.292	-0.196
10:	0.291	-0.199

X CENTROID: 0.327
Y CENTROID: 0.086
POA TO CENTROID: 0.338
HORZ SPREAD: 2.282
VERT SPREAD: 2.467
GROUP SPREAD: 2.550
MIN RADIUS: 0.284
MAX RADIUS: 1.613
MEAN RADIUS: 0.843
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 8



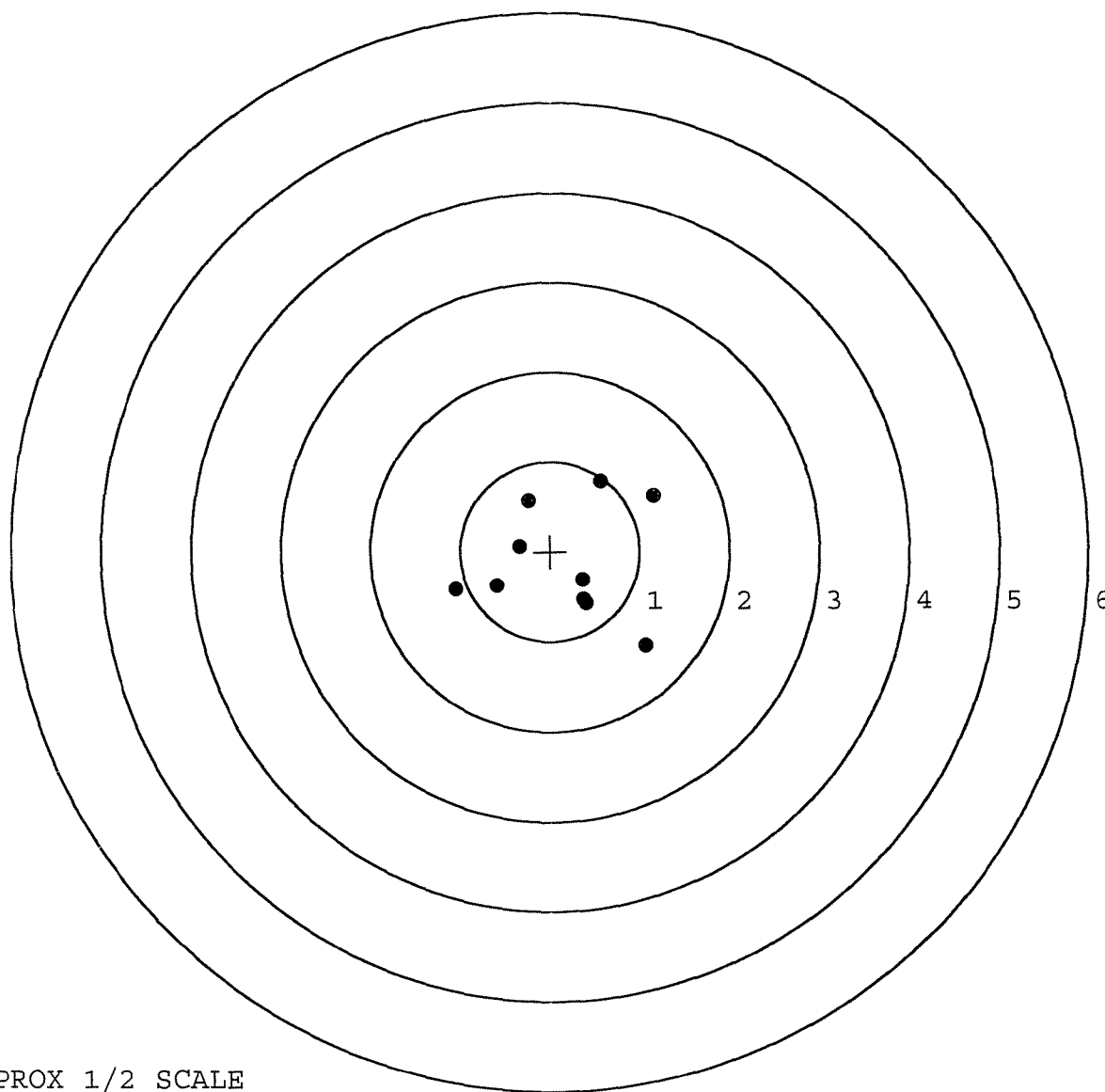
TARGET APPROX 1/2 SCALE

BARBER - M24 0108546

SERIAL NUMBER: C6349137. __0
TARGET NUMBER: 5
FILE DATE: 08/10/2005
FILE TIME: 09:04

X CENTROID: 0.169
Y CENTROID: -0.129
POA TO CENTROID: 0.213
HORZ SPREAD: 2.201
VERT SPREAD: 1.832
GROUP SPREAD: 2.205
MIN RADIUS: 0.278
MAX RADIUS: 1.286
MEAN RADIUS: 0.817
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.251	0.561
2:	-0.346	0.057
3:	-1.051	-0.432
4:	-0.597	-0.389
5:	0.372	-0.319
6:	0.406	-0.576
7:	0.566	0.782
8:	1.150	0.614
9:	1.066	-1.050
10:	0.378	-0.535



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R. & E NUMBER	92211		
SERIAL NUMBER	C6349137		
LOG-IN DATE	2-1-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	6-15-05	RTZ
560 A	RE-BARREL	6-20-05	RTZ
B	DRILL AND TAP	6-22-05	TRW
575	ASSEMBLE	6-20-05	RTZ
600	PROOF	6-22-05	AC
605	CHECK HEADSPACE	6-22-05	AC
610	DIS-ASSEMBLE GUN	6-22-05	RTZ
612	MAGNAFLUX	6-22-05	WMS
615	ROLLMARK CALIBER	6-23-05	CW
618	ROTO-BLAST	7-7-05	JS
620	APPLY COATINGS	7-15-05	W7
625 A	FINAL ASSEMBLY	8-8-05	RTZ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	8-15-05	AC
D	SAFETY "OFF" FORCE	8-15-05	AC
E	FIRING PIN INDENT	8-15-05	AC
640	TARGET	8-10-05	AC
655	FINAL INSPECT	8-15-05	AC
660	PACK	9-6-05	DA
		SHIP DATE	
QAR INSPECTION DATE			

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0428900108587

Remington  REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

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

SERIAL NO.
C6349137

ORDER NO.
5716

01



5716 C6349137

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

UPC



0 47700 25716 7

BARBER - M24 0108548

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349137

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	5 2	50	RW
600	Proof	5 2	50	RW
607	Check Headspace	5 2	90	RW
610	Dis-assemble Gun	5 2	90	RW
612	Magnaflux Barrel Action	5-8-90		KCR
	Magnaflux Bolt	5-8-90		KCR
615	Rollmark Caliber		5/8/90	ES
617	Drill and Tap Sight Holes		5/9/90	FB
618	Polish Barrel RB		5/10/90	WB
620	Apply Coatings (Barrel Action)		5/16/90	TH
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		5/18/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/18/90	RW
	C) Inspect Ejector Hole for Chamfer		5/18/90	RW
	D) Oil Firing Pin Ass'y		5/18/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/21/90	JH

BARBER - M24 0108550

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	4 1/4	4 1/4	4 1/2	5/21/90	WB
	G) Safety Off Force	2	2	2	5/21/90	WB
	H) Trigger Pull Test & Retainability				5/21/90	RL
	I) Firing Pin Indent	.0235	.024	.024	5/21/90	WB
	J) Assemble Stock				5/22/90	RW
	K) Assemble Swivel Studs				24 May 90	RL
	L) Attach Front and Rear Sight Assemblies				5/22/90	RW
	M) Iron Sight Alignment				5/22/90	RW
	N) Detach Front & Rear Sights & place in numbered container				5/22/90	RW
	O) Attach Scope to Rifle				5/22/90	WB
	P) Detach & Attach Scope 20 Times				5/22/90	WB
640	Gallery Target & Test				5-22-90	DL
	A) Time				5-22-90	DL
	B) Malfunctions				5-22-90	DL
	C) Pierced Primers				5-22-90	DL
	D) Optical Clarity of Scope				5-22-90	DL
645	Inspect for Live Ammo				5-22-90	DL
655	Final Inspection					
	A) Headspace				24 May 90	RL
	B) Trigger Pull	243	246	243	24 May 90	RL
	C) Function				24 May 90	RL
660	Pack				6-19-90	DL

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

SERIAL NO. C6349137DATE 5/21/90TESTER JB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.32	2.33	2.43 2.29	MIN. SETTING,
PULL #2	2.40	2.34	2.38	2.46 2.27	NO AVG. OF 5
PULL #3	2.29	2.46	2.42	2.53 2.23	READINGS ACCEPT-
PULL #4	2.44	2.42	2.35	2.53 2.27	ABLE LESS THAN 2#
PULL #5	2.37	2.34	2.34	2.51 2.28	
TOTAL	12.00	11.88	11.82		
AVG.	2.40	2.376	2.364		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.40	3.09		
PULL #2	3.32	3.17		
PULL #3	3.38	3.20		
PULL #4	3.49	3.12		
PULL #5	3.37	3.21		
TOTAL	16.96	15.79		
AVG.	3.392	3.158		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.43	4.38		4.46
PULL #2	4.35	4.44		4.44
PULL #3	4.36	4.39		4.35
PULL #4	4.37	4.45		4.39
PULL #5	4.38	4.39		4.40
TOTAL	21.89	22.05		22.04
AVG.	4.378	4.41		4.408

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349137
23 May 1990

CENTROIDAL DISTANCES

0 TO	1	.245904
1 TO	2	.0651153
1 TO	3	.402045
1 TO	4	.325074
1 TO	5	.232777

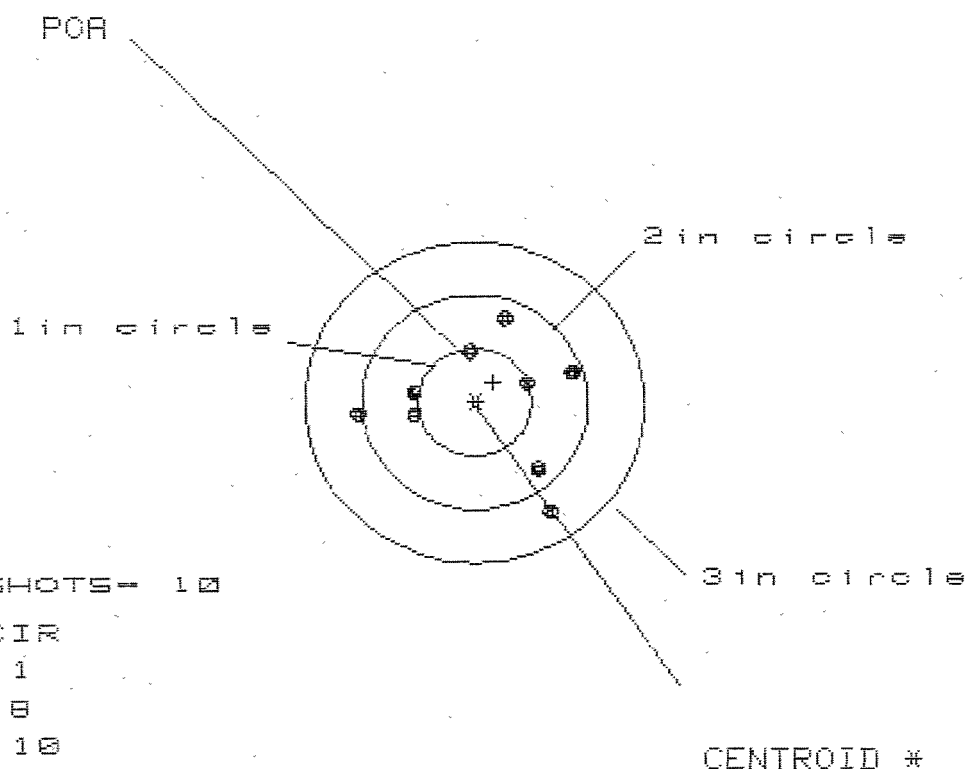
543 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1216
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0306
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .125391
THE AMR FOR THIS RIFLE IS: .7444

22 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08349137

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 8

3in = 10

HS= 1.944

VS= 1.815

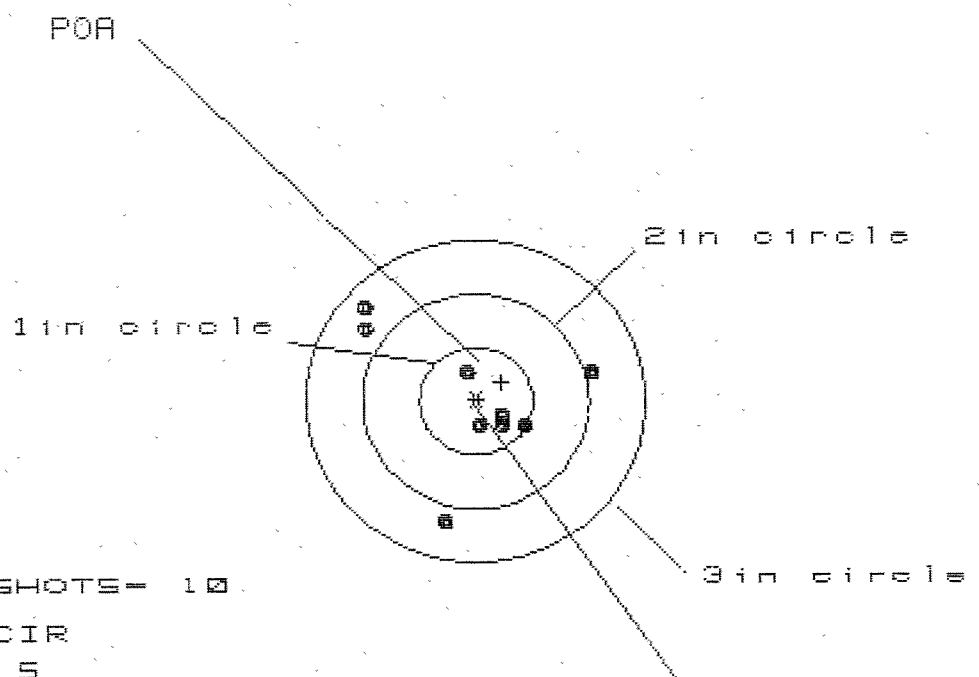
GS= 1.972

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.887	.959	.836
MINIMUM X	:	-1.057	-.985	-.634
MAXIMUM Y	:	.764	.648	.623
MINIMUM Y	:	-1.051	-.681	-.706
CENTROID X	:	-.162	-.234	-.111
CENTROID Y	:	-.185	-.069	-.044
POA TO CENTROID in.	:	.246	.244	.119
MIN RADIUS	:	.485	.418	.393
MEAN RADIUS	:	.751	.676	.633
MAX RADIUS	:	1.236	1.005	.850
HORIZONTAL SPREAD	:	1.944	1.944	1.470
VERTICAL SPREAD	:	1.815	1.329	1.329
EXTREME SPREAD	:	1.972	1.972	1.479
NUMBER IN ONE INCH CIRCLE =	:	1		
NUMBER IN TWO INCH CIRCLE =	:	8		
NUMBER IN THREE INCH CIRCLE =	:	10		

22 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349137

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 5

2in = 6

3in = 10

HS = 2.055

VS = 2.034

GS = 2.178

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.056	.944	.901
MINIMUM X	-1.009	-1.047	-1.090
MAXIMUM Y	.906	.767	.639
MINIMUM Y	-1.128	-1.027	-.286
CENTROID X	-.226	-.114	-.071
CENTROID Y	-.173	-.274	-.146
POA TO CENTROID in.	.285	.297	.152
MIN RADIUS	.224	.114	.180
MEAN RADIUS	.667	.529	.487
MAX RADIUS	1.356	1.298	1.263
HORIZONTAL SPREAD	2.065	1.991	1.991
VERTICAL SPREAD	2.034	1.794	.925
EXTREME SPREAD	2.178	2.028	2.028
NUMBER IN ONE INCH CIRCLE =		5	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

22 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8349137

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 3

2in = 9

3in = 10

HS= 1.590

VS= 2.158

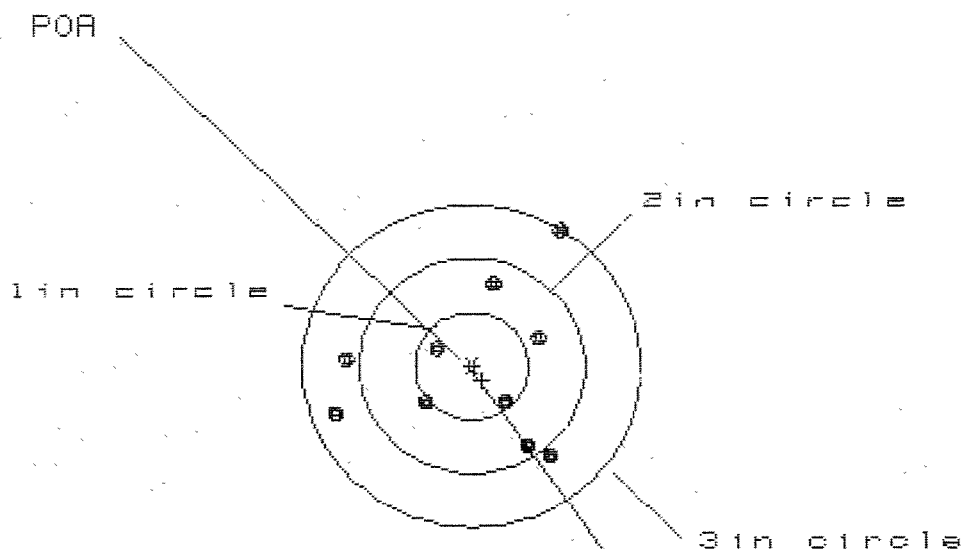
GS= 2.348

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.652	.530	.506
MINIMUM X	:	-.938	-.865	-.889
MAXIMUM Y	:	1.209	.665	.563
MINIMUM Y	:	-.949	-.814	-.552
CENTROID X	:	.156	.083	.107
CENTROID Y	:	.061	-.074	.028
POA TO CENTROID in.	:	.167	.111	.111
MIN RADIUS	:	.344	.390	.379
MEAN RADIUS	:	.678	.598	.558
MAX RADIUS	:	1.374	.957	.941
HORIZONTAL SPREAD	:	1.590	1.395	1.395
VERTICAL SPREAD	:	2.158	1.479	1.115
EXTREME SPREAD	:	2.348	1.511	1.511
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			9	
NUMBER IN THREE INCH CIRCLE =			10	

22 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6549137

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS= 2.001

VS= 2.104

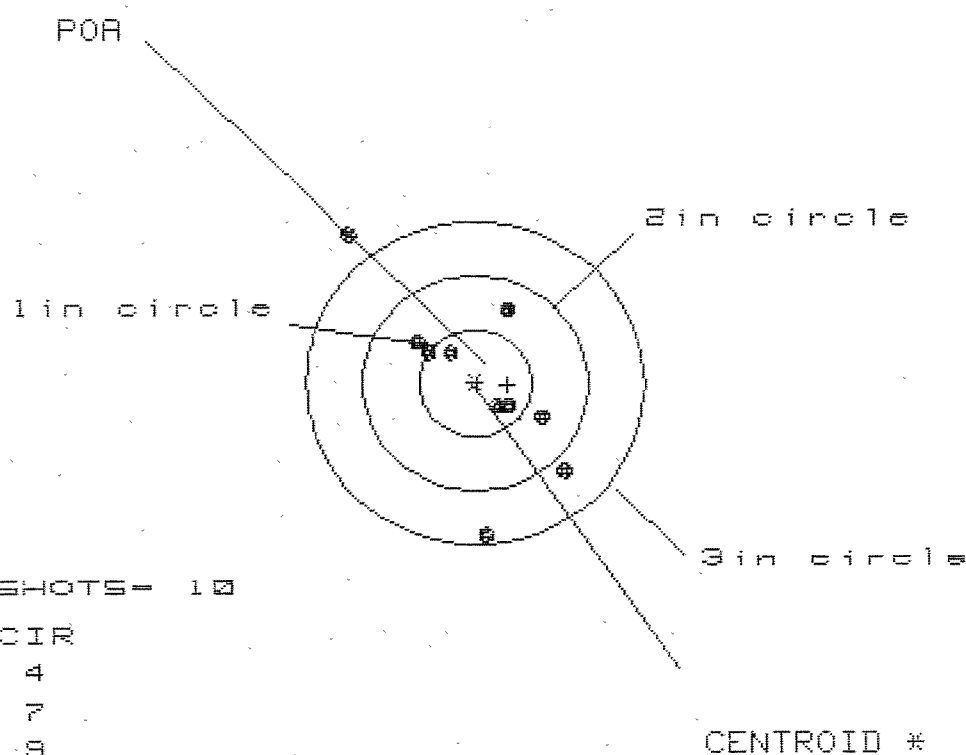
GS= 2.620

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.804	.731	.593
MINIMUM X	-1.197	-1.108	-1.113
MAXIMUM Y	1.295	.915	.884
MINIMUM Y	-.809	-.665	-.696
CENTROID X	-.090	-.179	-.041
CENTROID Y	.132	-.012	.019
POA TO CENTROID in.	.159	.180	.045
MIN RADIUS	.348	.389	.300
MEAN RADIUS	.851	.763	.703
MAX RADIUS	1.525	1.136	1.133
HORIZONTAL SPREAD	2.001	1.839	1.706
VERTICAL SPREAD	2.104	1.580	1.580
EXTREME SPREAD	2.620	1.933	1.933
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

22 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349137

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 7

3 in = 9

HS= 1.928

VS= 2.728

GS= 3.016

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.774	.645	.646
MINIMUM X	:	-1.154	-.636	-.635
MAXIMUM Y	:	1.362	.818	.666
MINIMUM Y	:	-1.366	-1.215	-.848
CENTROID X	:	-.286	-.157	-.158
CENTROID Y	:	.012	-.139	.013
POA TO CENTROID in.	:	.286	.210	.158
MIN RADIUS	:	.307	.114	.229
MEAN RADIUS	:	.775	.637	.562
MAX RADIUS	:	1.785	1.215	1.066
HORIZONTAL SPREAD	:	1.928	1.281	1.281
VERTICAL SPREAD	:	2.728	2.033	1.514
EXTREME SPREAD	:	3.016	2.038	1.748
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	