

C5348720

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



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: **RE00129144**

Serial: C6348720 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/13/1989

Repairman:

Verify Repair

Status:

New 5/9/2007 11:27:48 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: **TRANSPORTATION OFFICER**

TRANSPORTATION OFFICER

Address 1: **BLDG 49015 CRSP UPSTAIRS**

BLDG 49015 CRSP UPSTAIRS

Address 2: **SANTA FE AVE**

PO Box:

SANTA FE AVE

PO Box:

City: **FORT HOOD**

FORT HOOD

State: **TX**

Zip Code: **76544**

Country: **US**

State: **TX**

Zip Code: **76544**

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
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Frt and Rear Sgt Base	1
D000	SCOPE CASE	1

Repair Search

Refresh

Close

nagletj

5/10/2007

11:26 AM

CAPS

NUM

INS

SCRL



2 Mi...

5 In...

2 Mi...

SAP L...

Part ...

Arms ...



11:26 AM

Serial Number: **C6348720**

Model: **M24 SWS**



RE00129144

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348720.___0
FILE DATE AND TIME: 06/06/2007 13:34

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.066
The Average Y Centroid of the Five Target Set:	-0.094
The Average Point of Impact of the Five Target Set:	0.115
The Average Mean Radius of the Five Target Set:	0.844
The Distance from POA to Centroid Target #1:	0.259
The Distance from Centroid Target #2 to Centroid Target #1:	0.909
The Distance from Centroid Target #3 to Centroid Target #1:	0.169
The Distance from Centroid Target #4 to Centroid Target #1:	0.186
The Distance from Centroid Target #5 to Centroid Target #1:	0.301

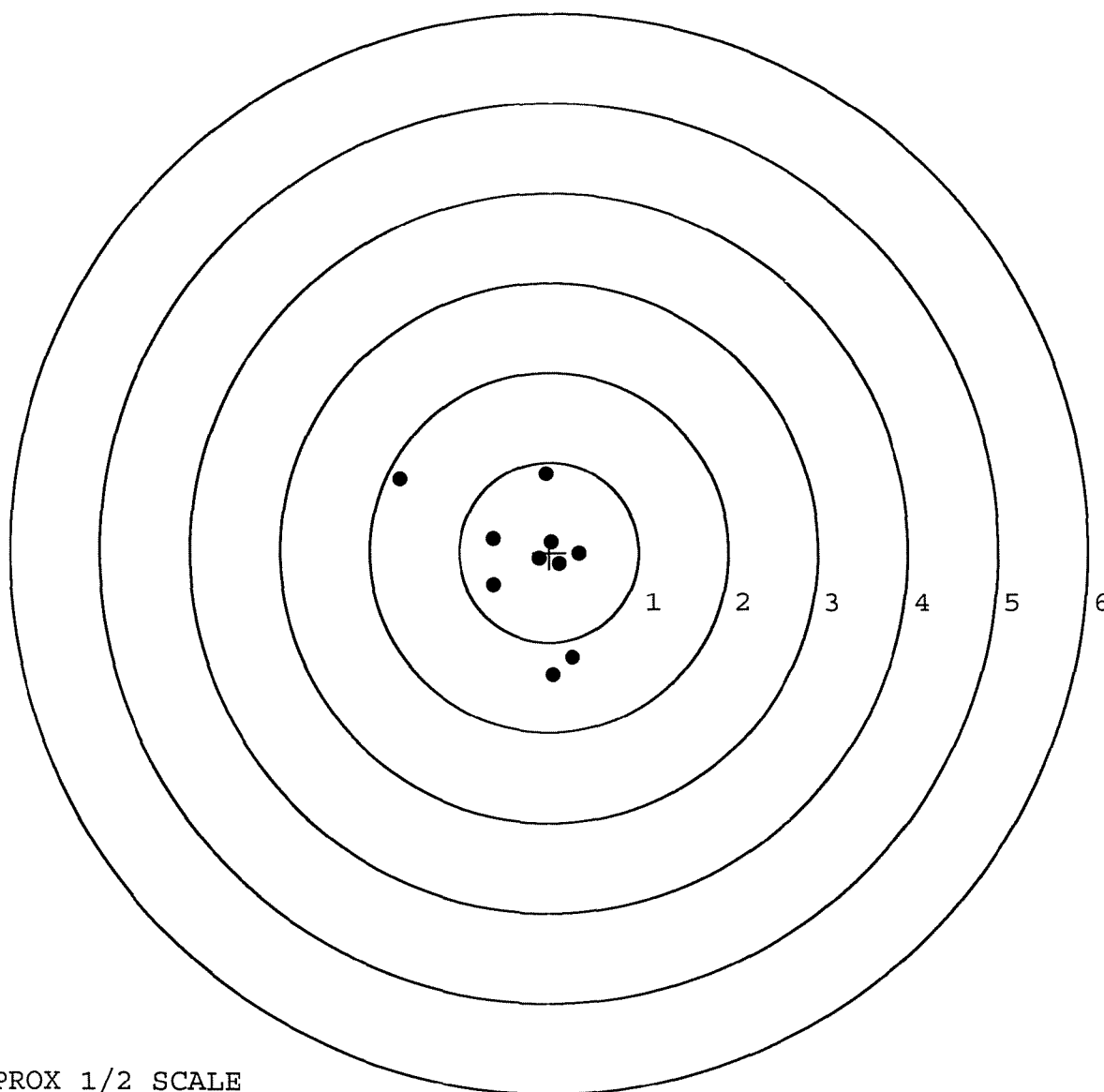
BARBER - M24 0062276

SERIAL NUMBER: C6348720. __0
TARGET NUMBER: 1
FILE DATE: 06/06/2007
FILE TIME: 13:34

X CENTROID: -0.229
Y CENTROID: -0.120
POA TO CENTROID: 0.259
HORZ SPREAD: 2.003
VERT SPREAD: 2.239
GROUP SPREAD: 2.766
MIN RADIUS: 0.125
MAX RADIUS: 1.708
MEAN RADIUS: 0.749

IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.048	-1.369
2:	0.266	-1.178
3:	-0.624	-0.372
4:	-0.623	0.151
5:	-0.042	0.870
6:	-1.667	0.801
7:	-0.114	-0.072
8:	0.022	0.114
9:	0.109	-0.133
10:	0.336	-0.017



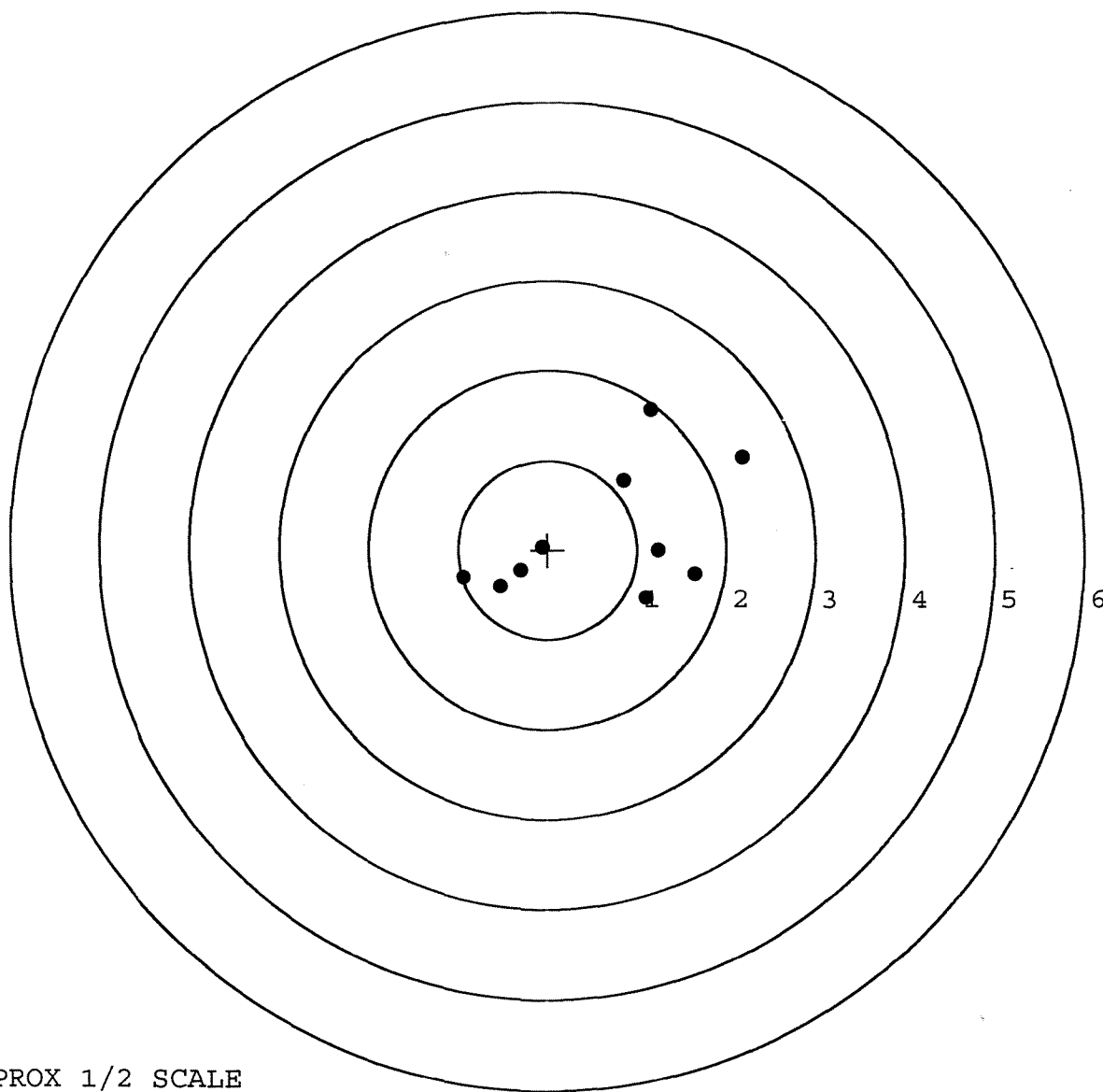
TARGET APPROX 1/2 SCALE

BARBER - M24 0062277

SERIAL NUMBER: C6348720. __0
TARGET NUMBER: 2
FILE DATE: 06/06/2007
FILE TIME: 13:34

POINT#	X	Y
1:	-0.061	0.028
2:	-0.303	-0.227
3:	-0.529	-0.417
4:	-0.943	-0.310
5:	1.152	1.565
6:	2.178	1.038
7:	0.853	0.779
8:	1.239	-0.008
9:	1.652	-0.267
10:	1.106	-0.543

X CENTROID: 0.634
Y CENTROID: 0.164
POA TO CENTROID: 0.655
HORZ SPREAD: 3.121
VERT SPREAD: 2.108
GROUP SPREAD: 3.400
MIN RADIUS: 0.629
MAX RADIUS: 1.774
MEAN RADIUS: 1.118
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

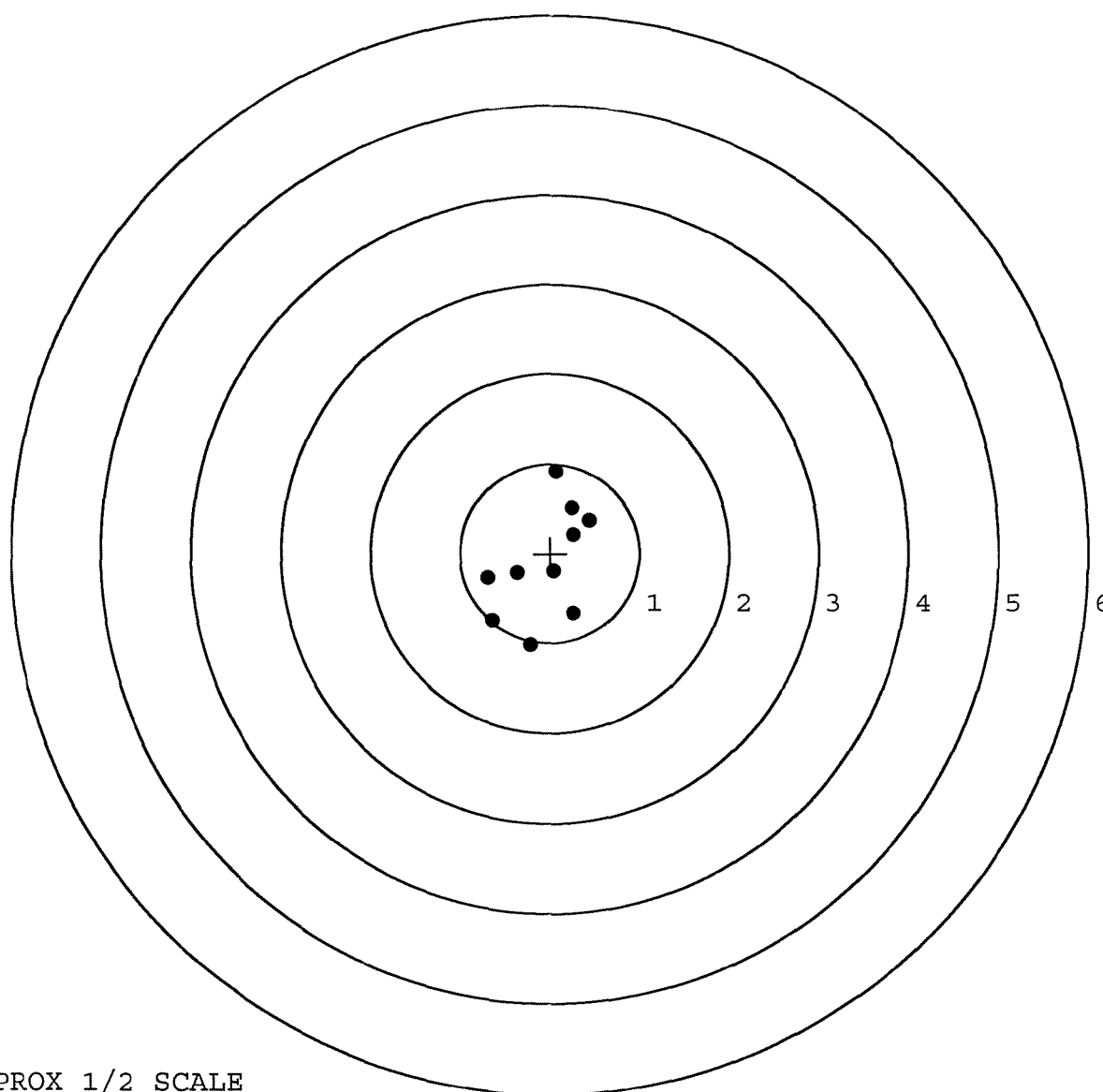
BARBER - M24 0062278

SERIAL NUMBER: C6348720. __0
TARGET NUMBER: 3
FILE DATE: 06/06/2007
FILE TIME: 13:34

X CENTROID: -0.060
Y CENTROID: -0.115
POA TO CENTROID: 0.130
HORZ SPREAD: 1.136
VERT SPREAD: 1.946
GROUP SPREAD: 1.966
MIN RADIUS: 0.129
MAX RADIUS: 1.037
MEAN RADIUS: 0.644

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.037	-0.199
2:	0.266	-0.679
3:	-0.220	-1.031
4:	-0.646	-0.758
5:	-0.691	-0.270
6:	-0.365	-0.217
7:	0.260	0.208
8:	0.445	0.373
9:	0.249	0.512
10:	0.061	0.915



TARGET APPROX 1/2 SCALE

BARBER - M24 0062279

SERIAL NUMBER: C6348720. __0

TARGET NUMBER: 4

FILE DATE: 06/06/2007

FILE TIME: 13:34

X CENTROID: -0.043

Y CENTROID: -0.121

POA TO CENTROID: 0.129

HORZ SPREAD: 1.477

VERT SPREAD: 2.957

GROUP SPREAD: 3.120

MIN RADIUS: 0.259

MAX RADIUS: 1.721

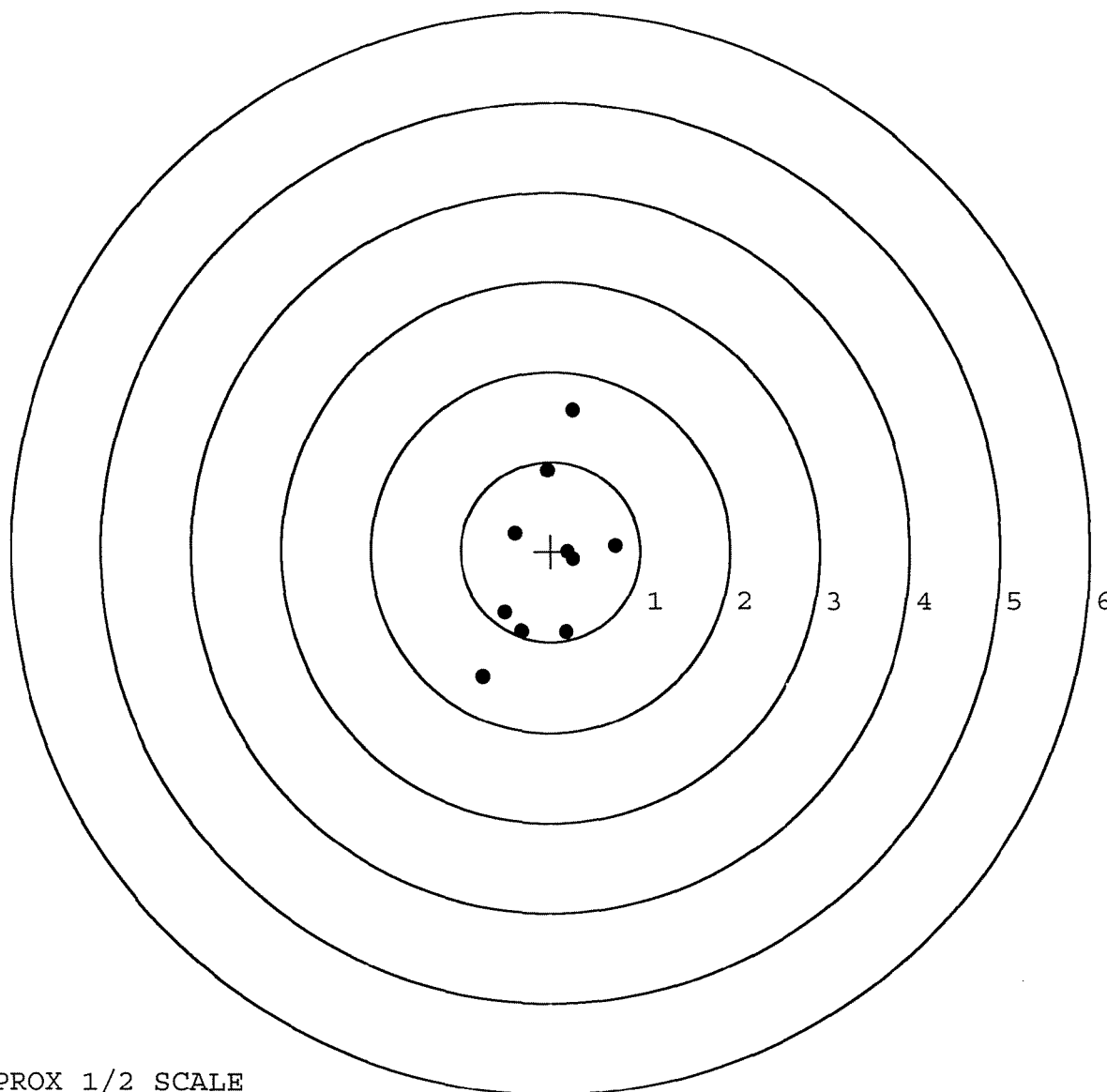
MEAN RADIUS: 0.836

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.244	1.575
2:	-0.042	0.904
3:	-0.395	0.194
4:	0.252	-0.089
5:	0.726	0.062
6:	0.175	-0.896
7:	-0.751	-1.382
8:	-0.324	-0.887
9:	-0.507	-0.686
10:	0.191	-0.010



TARGET APPROX 1/2 SCALE

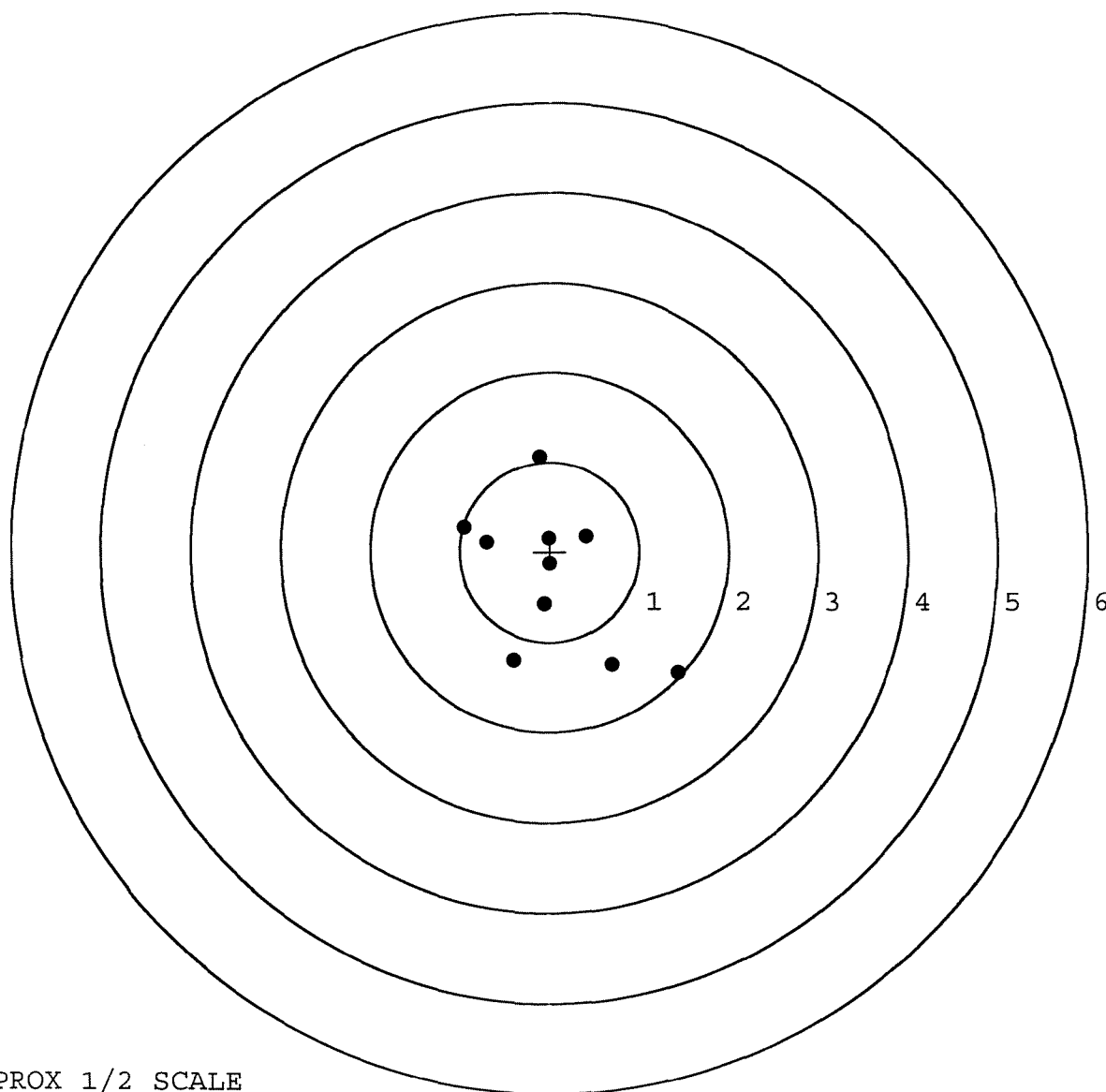
BARBER - M24 0062280

SERIAL NUMBER: C6348720. __0
TARGET NUMBER: 5
FILE DATE: 06/06/2007
FILE TIME: 13:34

X CENTROID: 0.029
Y CENTROID: -0.277
POA TO CENTROID: 0.278
HORZ SPREAD: 2.398
VERT SPREAD: 2.393
GROUP SPREAD: 2.884
MIN RADIUS: 0.147
MAX RADIUS: 1.768
MEAN RADIUS: 0.875

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.446	-1.334
2:	0.704	-1.251
3:	-0.404	-1.207
4:	-0.119	1.059
5:	-0.952	0.268
6:	-0.703	0.105
7:	0.413	0.167
8:	-0.064	-0.584
9:	-0.013	-0.136
10:	-0.018	0.147



TARGET APPROX 1/2 SCALE

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

R & E NUMBER		129144		
SERIAL NUMBER		C6348720		
LOG-IN DATE		5-9-07		
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		5-22-07	RTL
505	RE-BARREL		5-22-07	RTL
560	ASSEMBLE		5-23-07	RTL
600	PROOF	MAGNA-FLUX	5-25-07	TRW
605	CHECK HEADSPACE	MAY 24 2007	5-25-07	TRW
610	DIS-ASSEMBLE GUN		5-29-07	RTL
612	MAGNAFLUX	OPERATOR unms	5/29/07	unms
510	DRILL AND TAP		5-29-07	TRW
615	ROLLMARK CALIBER		5-29-07	CW
618	ROTO-BLAST		5-29-07	UB
620	APPLY COATINGS		5-30-07	W
625	FINAL ASSEMBLY		6-6-07	RTL
640	FUNCTION TEST AND	PASS FAIL	6-6-07	Fm
650	TARGET	PASS FAIL	6-6-07	Fm
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION NA		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	6-6-07	TRW
670	FINAL INSPECTION		6-7-07	RTL
	A) HEADSPACE	PASS FAIL	6-7-07	RTL
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.77 2.81 2.86 2.92 2.77 6-6-07	DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5.2 5.2 5.2 6-6-07	DA
	G) SAFETY OFF FORCE	2 LBS MIN	1.025 2.5 2.5 6-6-07	DA
	I) FIRING PIN INDENT	.020	1.024 1.024 1.0235 6-6-07	DA
690	PACK		6-7-07	DA

Serial Number: C6348720

Model: M24 SWS



RE00092672

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348720.__0

FILE DATE AND TIME: 03/07/2005 07:13

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

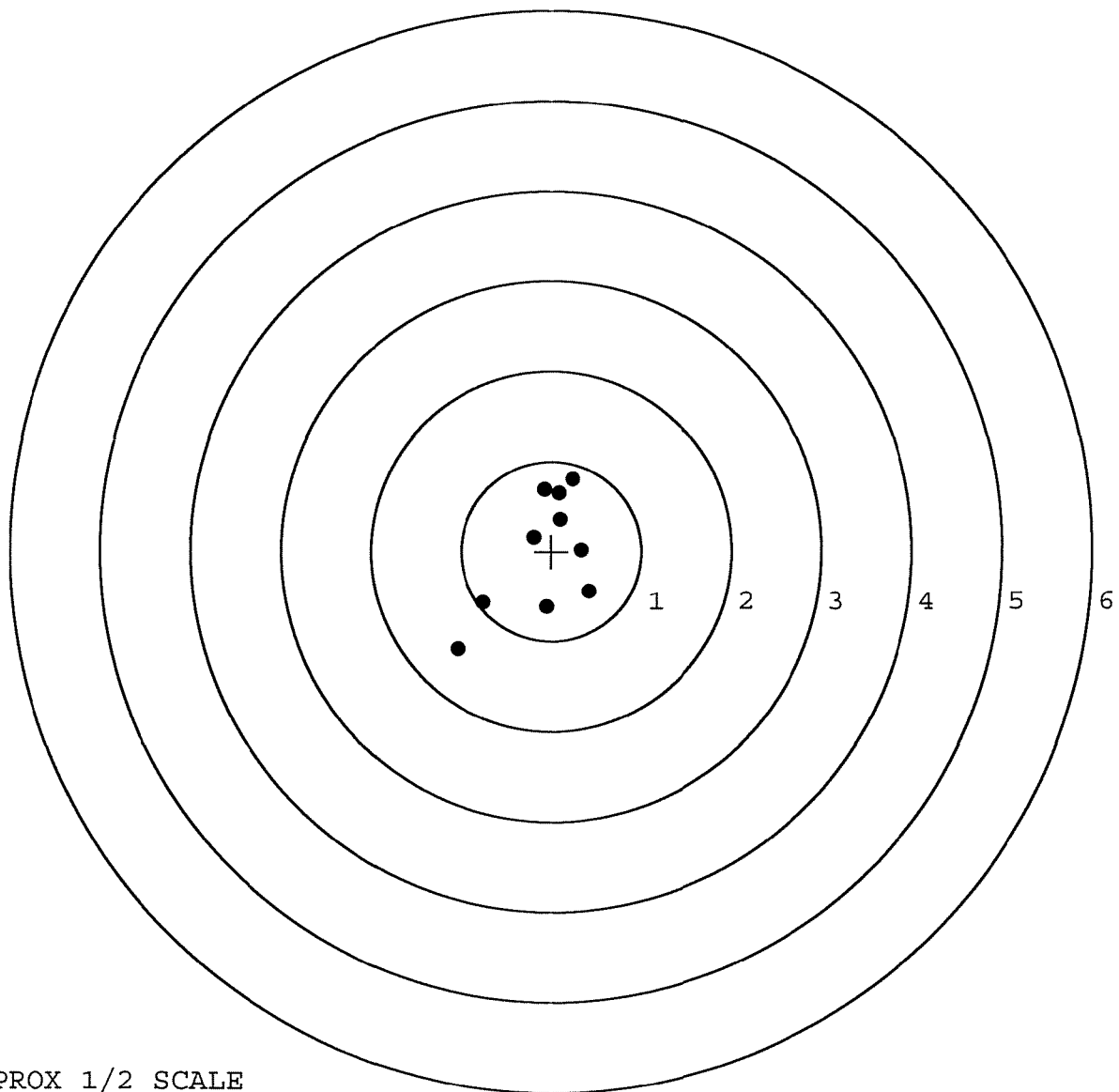
The Average X Centroid of the Five Target Set:	0.021
The Average Y Centroid of the Five Target Set:	-0.008
The Average Point of Impact of the Five Target Set:	0.023
The Average Mean Radius of the Five Target Set:	0.898
The Distance from POA to Centroid Target #1:	0.096
The Distance from Centroid Target #2 to Centroid Target #1:	0.091
The Distance from Centroid Target #3 to Centroid Target #1:	0.403
The Distance from Centroid Target #4 to Centroid Target #1:	0.015
The Distance from Centroid Target #5 to Centroid Target #1:	0.108

BARBER - M24 0062284

SERIAL NUMBER: C6348720. __ 0
TARGET NUMBER: 1
FILE DATE: 03/07/2005
FILE TIME: 07:13

POINT#	X	Y
1:	-1.039	-1.095
2:	-0.755	-0.575
3:	-0.056	-0.623
4:	0.423	-0.450
5:	0.334	0.017
6:	-0.199	0.158
7:	0.096	0.356
8:	-0.083	0.687
9:	0.085	0.649
10:	0.240	0.802

X CENTROID: -0.095
Y CENTROID: -0.007
POA TO CENTROID: 0.096
HORZ SPREAD: 1.462
VERT SPREAD: 1.897
GROUP SPREAD: 2.288
MIN RADIUS: 0.195
MAX RADIUS: 1.440
MEAN RADIUS: 0.690
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

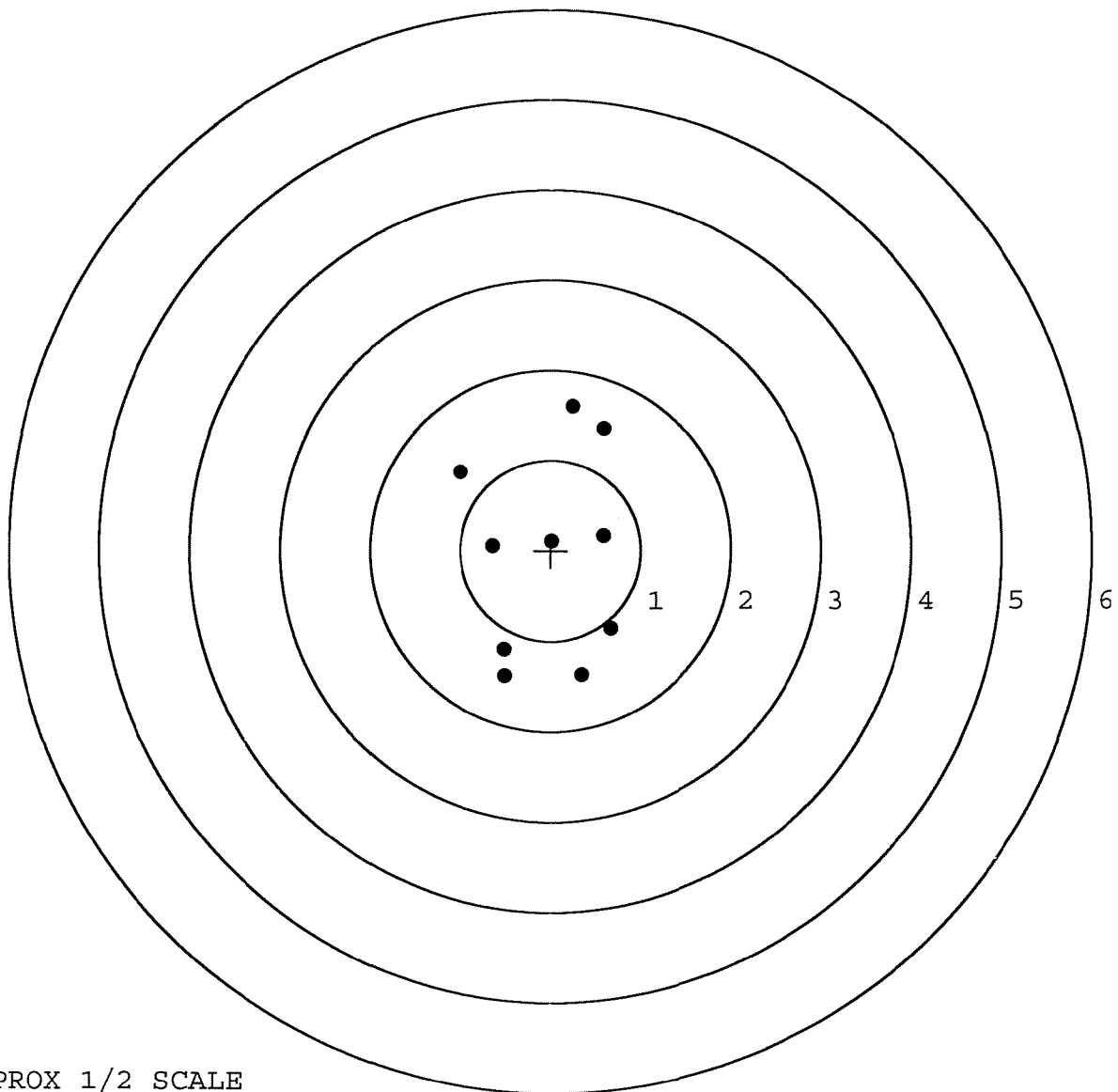
BARBER - M24 0062285

SERIAL NUMBER: C6348720. 0
TARGET NUMBER: 2
FILE DATE: 03/07/2005
FILE TIME: 07:13

X CENTROID: -0.021
Y CENTROID: -0.060
POA TO CENTROID: 0.064
HORZ SPREAD: 1.676
VERT SPREAD: 2.988
GROUP SPREAD: 3.083
MIN RADIUS: 0.168
MAX RADIUS: 1.681
MEAN RADIUS: 1.101

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

POINT#	X	Y
1:	0.347	-1.379
2:	-0.511	-1.389
3:	-0.517	-1.098
4:	0.671	-0.863
5:	0.588	0.163
6:	0.012	0.104
7:	-0.645	0.051
8:	-1.005	0.860
9:	0.599	1.348
10:	0.247	1.599



TARGET APPROX 1/2 SCALE

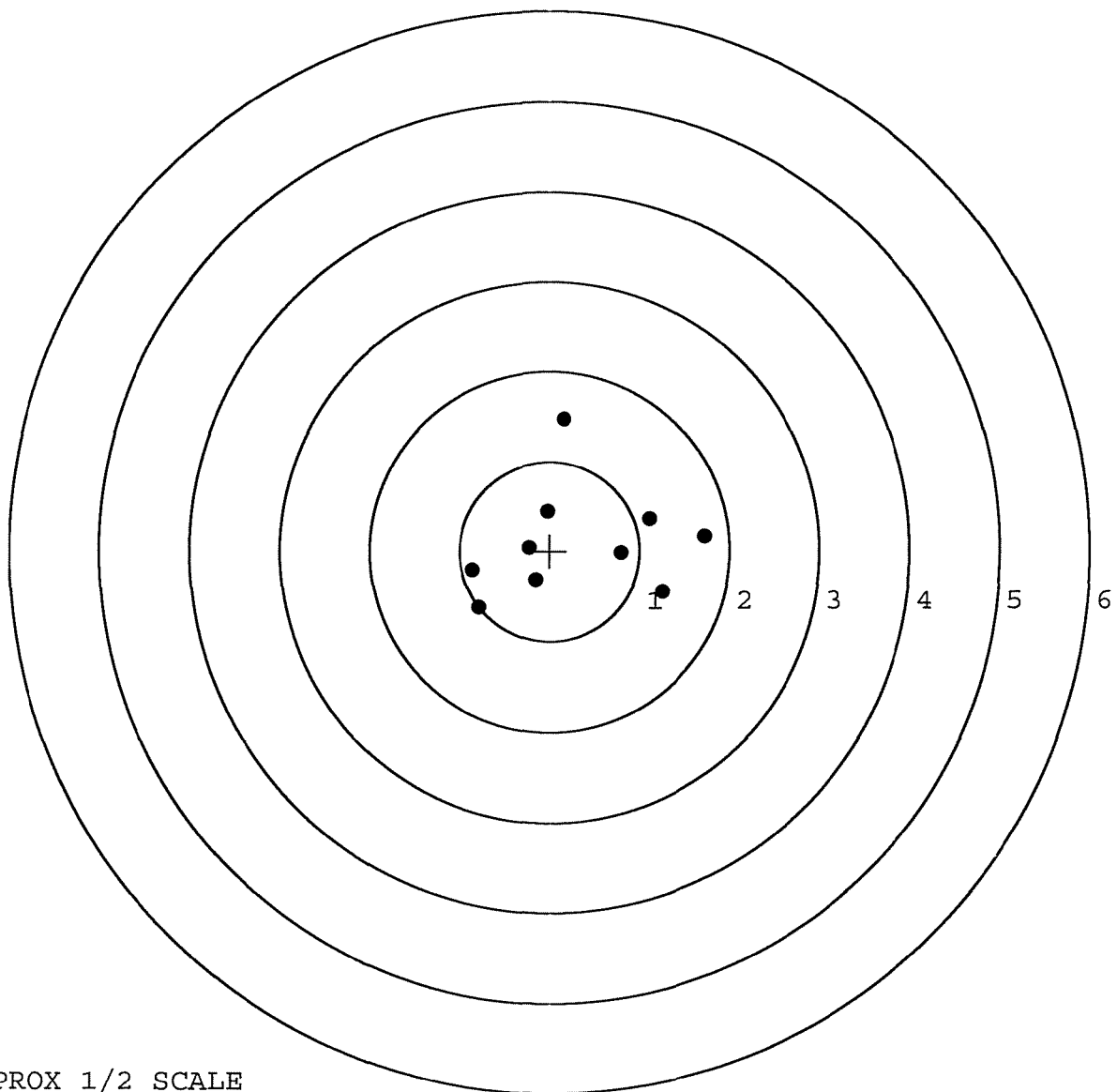
BARBER - M24 0062286

SERIAL NUMBER: C6348720. __0
 TARGET NUMBER: 3
 FILE DATE: 03/07/2005
 FILE TIME: 07:13

X CENTROID: 0.297
 Y CENTROID: 0.083
 POA TO CENTROID: 0.308
 HORZ SPREAD: 2.575
 VERT SPREAD: 2.102
 GROUP SPREAD: 2.633
 MIN RADIUS: 0.487
 MAX RADIUS: 1.426
 MEAN RADIUS: 0.941

IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.249	-0.454
2:	1.721	0.165
3:	1.107	0.363
4:	0.799	-0.024
5:	0.161	1.472
6:	-0.030	0.444
7:	-0.233	0.039
8:	-0.159	-0.329
9:	-0.854	-0.219
10:	-0.789	-0.630



TARGET APPROX 1/2 SCALE

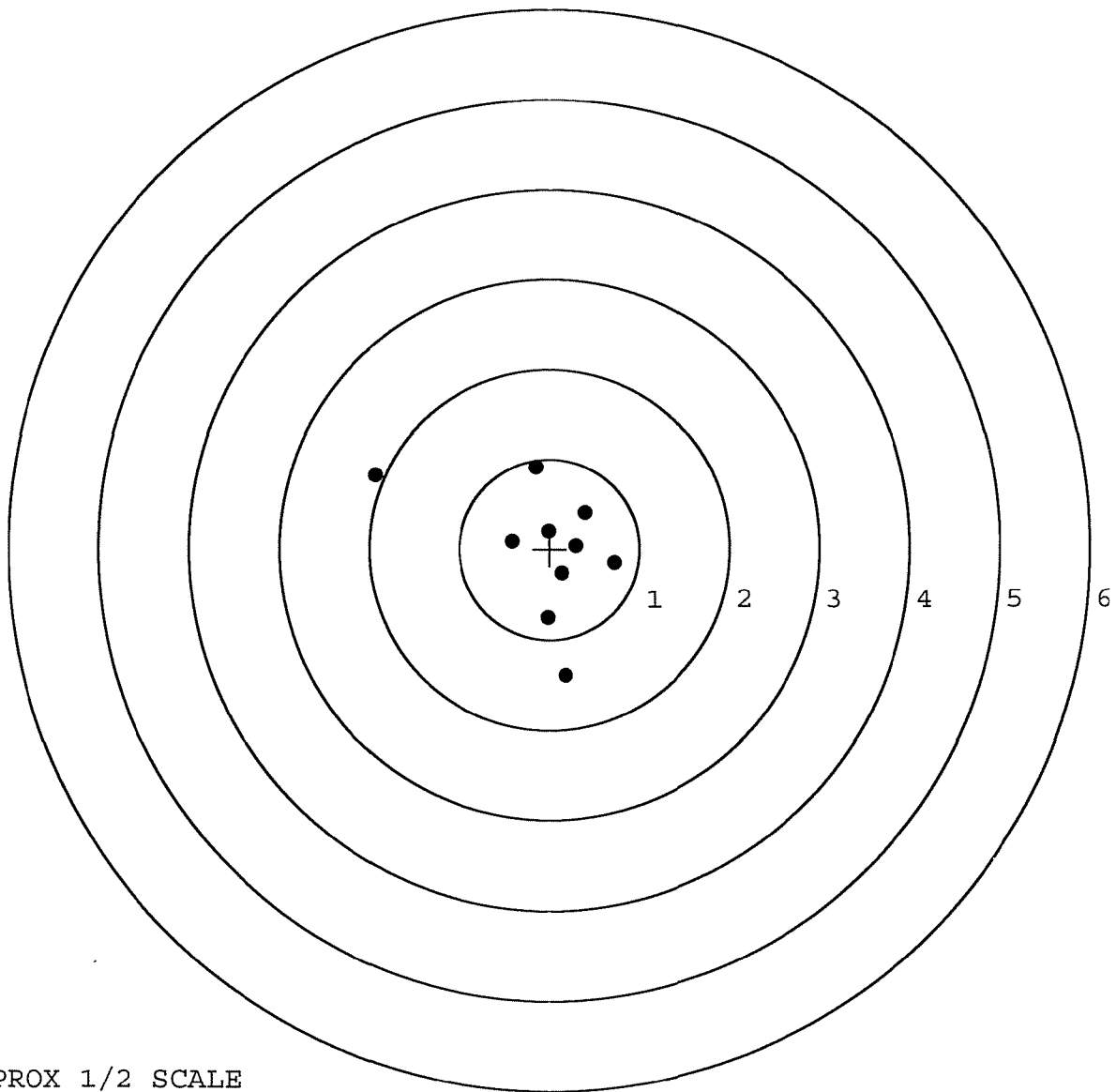
BARBER - M24 0062287

SERIAL NUMBER: C6348720. 0
TARGET NUMBER: 4
FILE DATE: 03/07/2005
FILE TIME: 07:13

X CENTROID: -0.082
Y CENTROID: -0.014
POA TO CENTROID: 0.083
HORZ SPREAD: 2.658
VERT SPREAD: 2.312
GROUP SPREAD: 3.065
MIN RADIUS: 0.220
MAX RADIUS: 2.032
MEAN RADIUS: 0.787

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.184	-1.399
2:	-0.021	-0.765
3:	0.721	-0.157
4:	0.295	0.039
5:	0.137	-0.273
6:	0.399	0.406
7:	-0.018	0.197
8:	-0.418	0.086
9:	-0.159	0.913
10:	-1.937	0.814



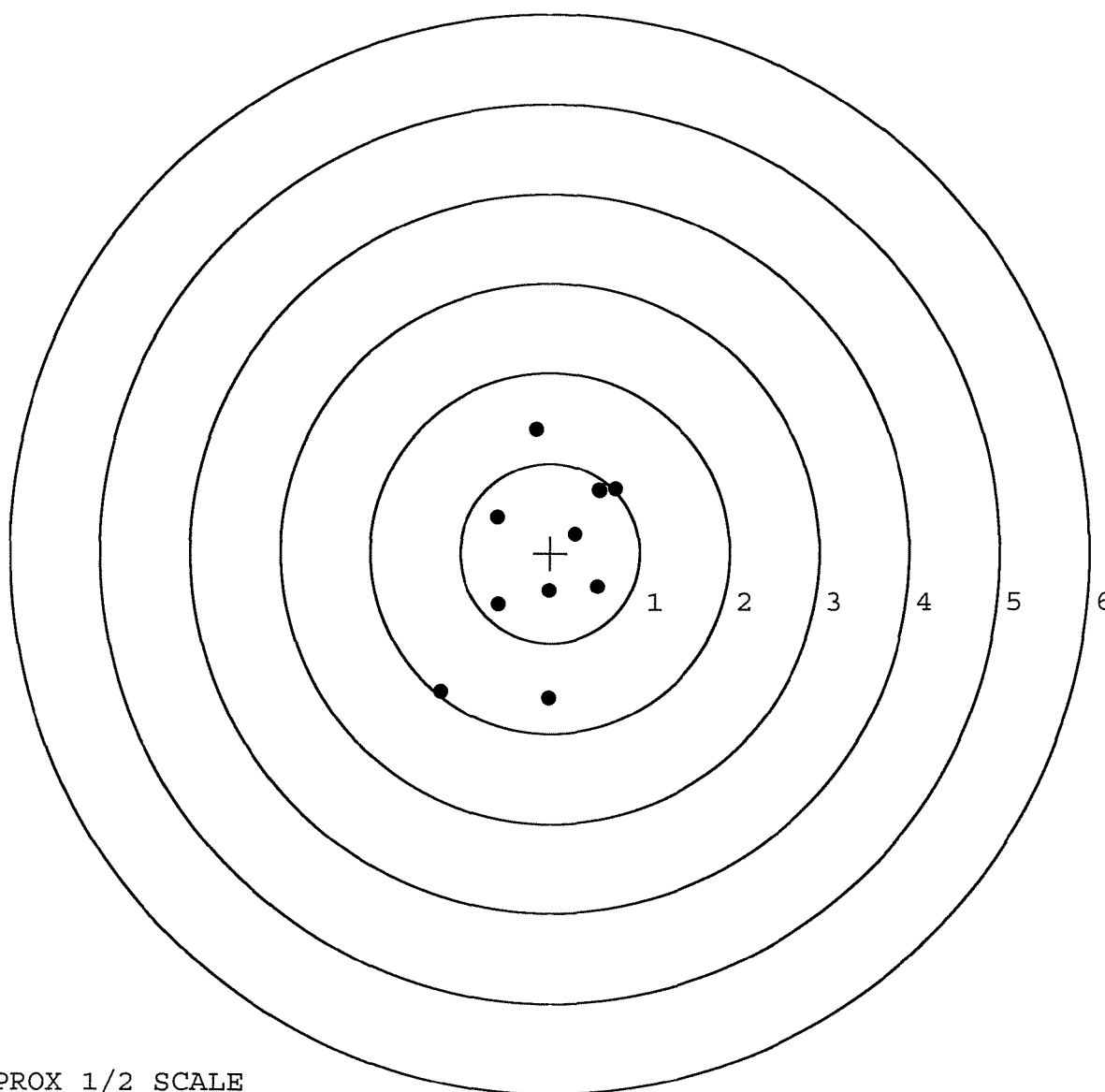
TARGET APPROX 1/2 SCALE

BARBER - M24 0062288

SERIAL NUMBER: C6348720.____0
TARGET NUMBER: 5
FILE DATE: 03/07/2005
FILE TIME: 07:13

POINT#	X	Y
1:	-0.022	-1.608
2:	0.530	-0.385
3:	-0.018	-0.421
4:	-0.576	-0.575
5:	-1.224	-1.540
6:	0.285	0.207
7:	0.558	0.692
8:	0.552	0.698
9:	0.727	0.710
10:	-0.147	1.377
11:	-0.580	0.395

X CENTROID: 0.008
Y CENTROID: -0.041
POA TO CENTROID: 0.042
HORZ SPREAD: 1.951
VERT SPREAD: 2.985
GROUP SPREAD: 3.109
MIN RADIUS: 0.372
MAX RADIUS: 1.940
MEAN RADIUS: 0.974
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

R & E NUMBER	92672		
SERIAL NUMBER	C6348720		
LOG-IN DATE	2-8-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-14-05	RTZ
560 A	RE-BARREL	2-16-05	RTZ
B	DRILL AND TAP	2-17-05	TRW
575	ASSEMBLE	2-16-05	RTZ
600	PROOF	2-17-05	MAGNA-FLUX INSPECTED
605	CHECK HEADSPACE	2-17-05	AC
610	DIS-ASSEMBLE GUN	2-17-05	RTZ
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	2-18-05	CW
618	ROTO-BLAST	2-18-05	LB
620	APPLY COATINGS	3-1-05	HP
625 A	FINAL ASSEMBLY	3-4-05	RTZ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	3-8-05	AC
D	SAFETY "OFF" FORCE	3-8-05	AC
E	FIRING PIN INDENT	3-8-05	AC
640	TARGET	3-7-05	AC
655	FINAL INSPECT	3-8-05	AC
660	PACK	3-12-05	DA
		SHIP DATE	
	QAR INSPECTION DATE		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6348720

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10-9	89	RW
600	Proof	10-9	89	A
607	Check Headspace	10-9	89	RW
610	Dis-assemble Gun	10-9	89	RW
612	Magnaflux Barrel Action	10/31/89		KCR
	Magnaflux Bolt	10/31/89		KCR
615	Rollmark Caliber			
.7	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		11-3-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11-10-89	A
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11-10-89	A
	C) Inspect Ejector Hole for Chamfer		11-10-89	A
	D) Oil Firing Pin Ass'y		11-10-89	A
	E) Adjust Trigger Pull to Min Setting and Stake		10/10/89	JS

BARBER - M24 0062292

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	5	4	4	10 Nov 89	JDS
	G) Safety Off Force	3	3	3	10 Nov 89	JDS
	H) Trigger Pull Test & Retainability				10 Nov 89	JDS
	I) Firing Pin Indent	020	020	021	10 Nov 89	JDS
	J) Assemble Stock				11-30-89	A
	K) Assemble Swivel Studs				5 Dec 89	JDS
	L) Attach Front and Rear Sight Assemblies				11-30-89	A
	M) Iron Sight Alignment				11-30-89	A
	N) Detach Front & Rear Sights & place in numbered container				11-30-89	A
	O) Attach Scope to Rifle				30 Nov 89	JDS
	P) Detach & Attach Scope 20 Times				30 Nov 89	JDS
640	Gallery Target & Test				12-4-89	A
	A) Time				12-4-89	A
	B) Malfunctions				12-4-89	A
	C) Pierced Primers				12-4-89	A
	D) Optical Clarity of Scope				12-4-89	A
645	Inspect for Live Ammo				12-4-89	A
655	Final Inspection					
	A) Headspace				5 Dec 89	JDS
	B) Trigger Pull	2.69	2.65	2.73	5 Dec 89	JDS
	C) Function				5 Dec 89	JDS
660	Pack				15 Dec 89	JDS

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348720
4 Dec 1989

CENTROIDAL DISTANCES

0 TO	1	.221208
1 TO	2	.355629
1 TO	3	.340309
1 TO	4	.579146
1 TO	5	.151463

 ----POA

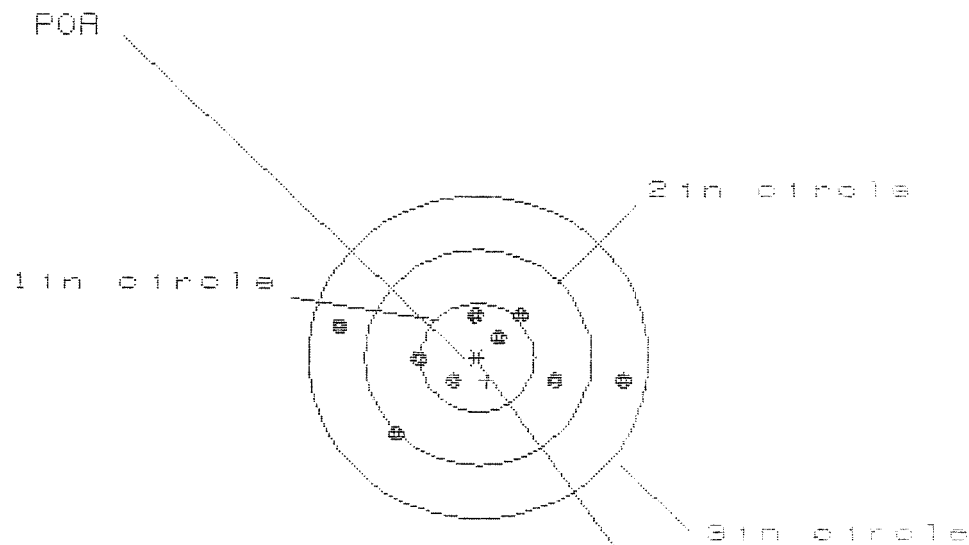
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1186
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0614
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .133551

THE AMR FOR THIS RIFLE IS: .8552

4 Dec 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348720

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 7

3 in = 10

HS= 2.475

VS= 1.115

GS= 2.523

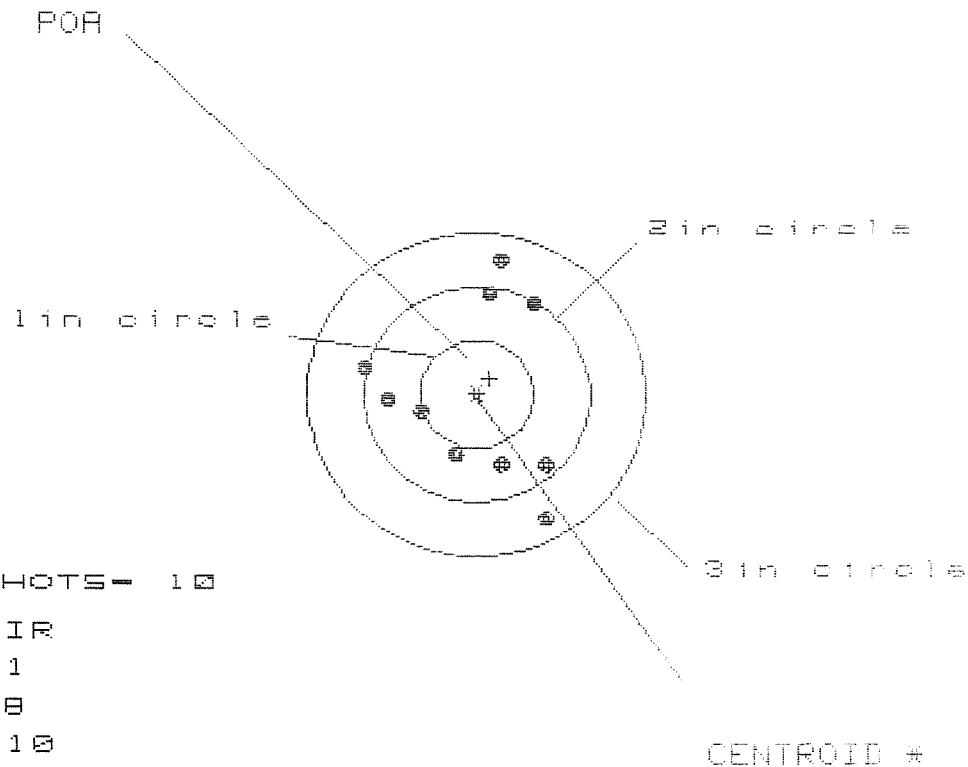
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.285	.802	.671
MINIMUM X	-1.190	-1.047	-.687
MAXIMUM Y	.383	.361	.396
MINIMUM Y	-.732	-.754	-.719
CENTROID X	-.078	-.221	-.090
CENTROID Y	.207	.229	.194
POA TO CENTROID in.	.222	.318	.214
MIN RADIUS	.226	.265	.244
MEAN RADIUS	.649	.580	.498
MAX RADIUS	1.300	1.083	.994
HORIZONTAL SPREAD	2.475	1.849	1.358
VERTICAL SPREAD	1.115	1.115	1.115
EXTREME SPREAD	2.523	1.915	1.563
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

4 Dec 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08348720

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 8

3 in = 10

HS= 1.599

VS= 2.436

GS= 2.470

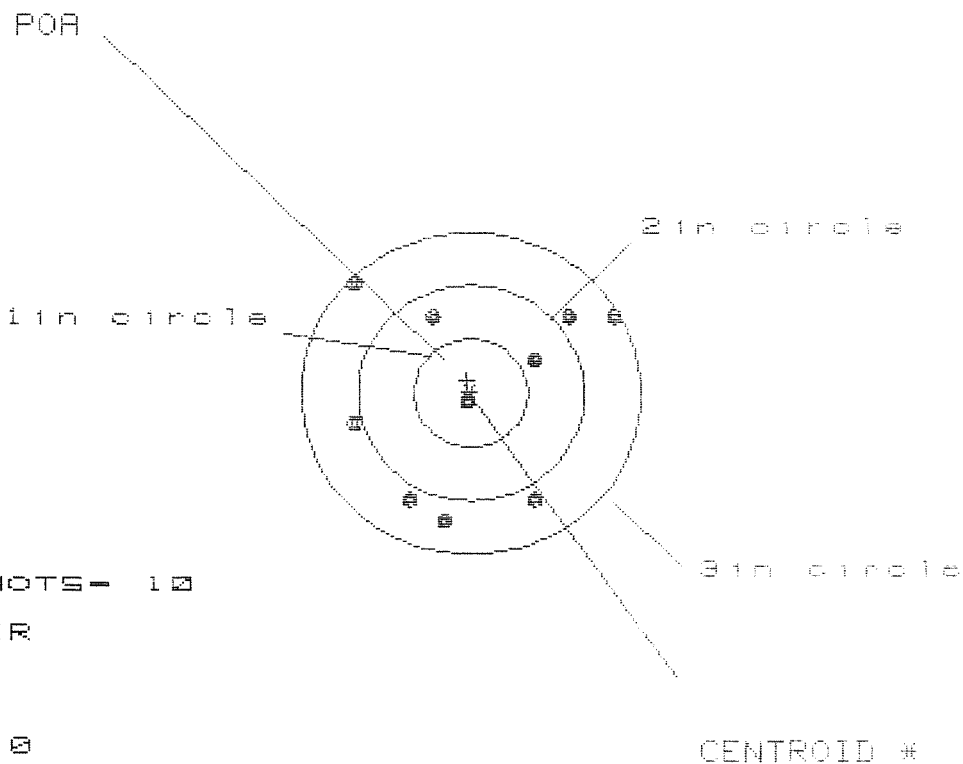
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.651	.719	.753
MINIMUM X	:	-.948	-.888	-.846
MAXIMUM Y	:	1.248	1.116	.942
MINIMUM Y	:	-1.188	-.888	-.668
CENTROID X	:	-.112	-.188	-.214
CENTROID Y	:	-.147	-.015	-.155
POA TO CENTROID in.	:	.185	.181	.264
MIN RADIUS	:	.487	.483	.387
MEAN RADIUS	:	.898	.844	.779
MAX RADIUS	:	1.338	1.149	1.063
HORIZONTAL SPREAD	:	1.599	1.599	1.599
VERTICAL SPREAD	:	2.436	1.924	1.610
EXTREME SPREAD	:	2.470	1.975	1.842
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	10		

4 Dec 1989

FILE://PATTERNING/CENTERFIRE_PATT/06346720

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1in = 1

2in = 3

3in = 10

HS= 2.329

VS= 2.237

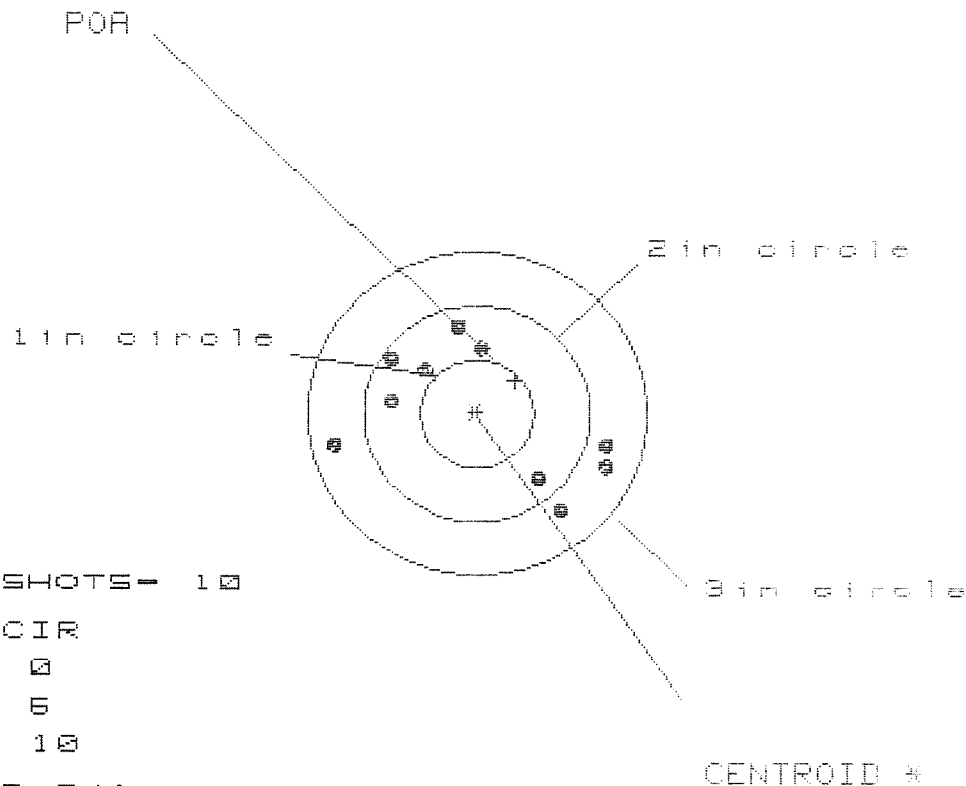
GS= 2.575

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.269	1.152	.878
MINIMUM X	:	-1.060	-1.142	-.998
MAXIMUM Y	:	1.008	.862	.967
MINIMUM Y	:	-1.229	-1.117	-1.012
CENTROID X	:	.035	.152	.008
CENTROID Y	:	-.114	-.226	-.331
POA TO CENTROID in.	:	.120	.273	.331
MIN RADIUS	:	.071	.195	.184
MEAN RADIUS	:	1.009	.962	.894
MAX RADIUS	:	1.463	1.422	1.269
HORIZONTAL SPREAD	:	2.329	2.294	1.876
VERTICAL SPREAD	:	2.237	1.979	1.979
EXTREME SPREAD	:	2.575	2.493	2.222
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	10		

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FILE:/PATTERNING/CENTERFIRE_PATT/00048720

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1in = 0

2in = 6

3in = 10

HS = 2.341

VS = 1.687

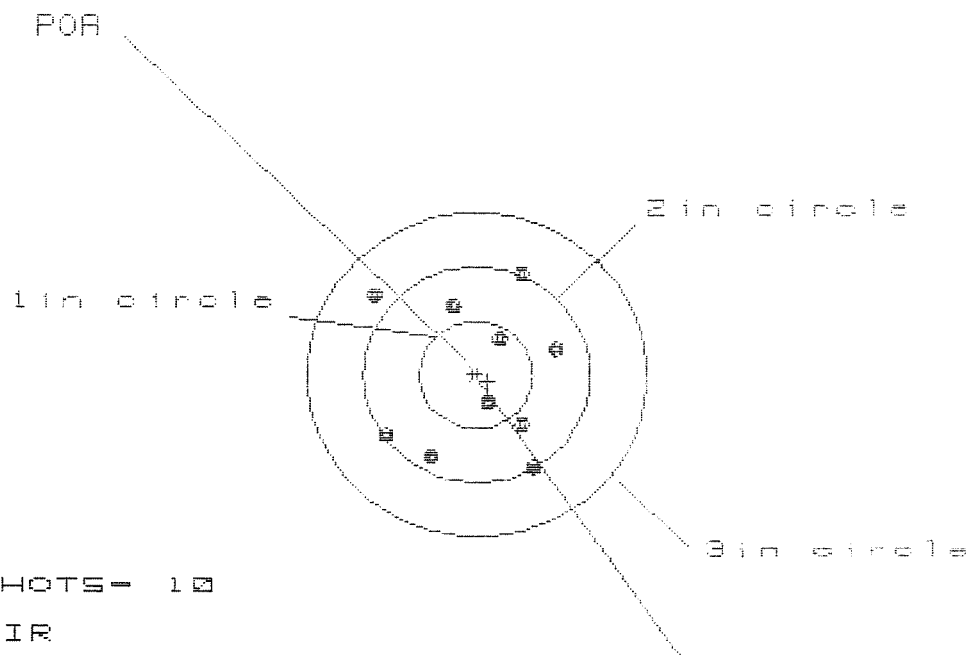
GS = 2.347

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.114	.978	1.099
MINIMUM X	:	-1.227	-.943	-.821
MAXIMUM Y	:	.847	.817	.750
MINIMUM Y	:	-.840	-.870	-.937
CENTROID X	:	-.339	-.203	-.324
CENTROID Y	:	-.310	-.280	-.213
POA TO CENTROID in.	:	.459	.346	.388
MIN RADIUS	:	.589	.571	.492
MEAN RADIUS	:	.929	.890	.838
MAX RADIUS	:	1.256	1.109	1.162
HORIZONTAL SPREAD	:	2.341	1.921	1.921
VERTICAL SPREAD	:	1.687	1.687	1.687
EXTREME SPREAD	:	2.347	2.140	2.046
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	10		

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS= 1.690

VS= 1.846

GS= 2.193

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.746	.642	.683
MINIMUM X	:	-.944	-.924	-.883
MAXIMUM Y	:	.959	1.043	.822
MINIMUM Y	:	-.887	-.803	-.673
CENTROID X	:	-.099	.005	-.036
CENTROID Y	:	.057	-.027	-.157
POA TO CENTROID in.	:	.115	.028	.161
MIN RADIUS	:	.244	.136	.042
MEAN RADIUS	:	.791	.724	.663
MAX RADIUS	:	1.211	1.094	.958
HORIZONTAL SPREAD	:	1.690	1.566	1.566
VERTICAL SPREAD	:	1.846	1.846	1.495
EXTREME SPREAD	:	2.193	1.990	1.792
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C 634 8750

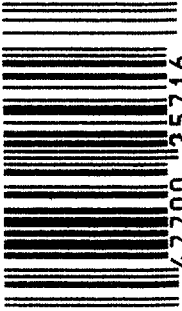
DATE 10 Mar 90

TESTER JLS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	260	226		225	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	254	219		221	
PULL #3	256	220		216	
PULL #4	261	218		210	
PULL #5	260	223		218	
TOTAL	1291	1106		1090	
AVG.	2582	2212		218	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.10	2.98		
PULL #2	2.99	3.01		
PULL #3	3.10	2.87		
PULL #4	3.13	2.97		
PULL #5	3.11	3.00		
TOTAL	15.43	14.83		
AVG.	3.086	2.966		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.14	3.86		
PULL #2	3.84	3.86		
PULL #3	3.94	3.86		
PULL #4	3.99	3.88		
PULL #5	3.91	3.94		
TOTAL	19.82	19.40		
AVG.		3.88		

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