

05594590

MODEL 760™ M24

Model **SMS**™

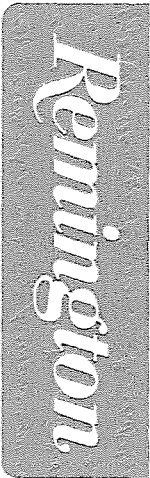
Action

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: RE00144827

Serial: C6594590 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 4/24/2008 10:57:09 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: B/210TH BSB

B/210TH BSB

Address 1: 2 BCT

2 BCT

Address 2: 10 TH MTN DIV

PO Box:

10 TH MTN DIV

PO Box:

City: FORT DRUM

FORT DRUM

State: NY

Zip Code: 13602

Country: US

State: NY

Zip Code: 13602

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Received Condition

Accessories Received

Phone: NN

Fair

Fax:

Condition

Email:

Notes:

Comments:

CSR

Notes:

Code	Desc	Qty
A007	With Stud	3
A008	With Swivel	2
A010	Hard Case	1
A026	Scope	1
A057	Frt and Rear Sgt Base	1

nagletj

4/24/2008

12:25 PM

NUM



Serial Number: C6594590

Model: M24 SWS



RE00144827

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594590.___0
FILE DATE AND TIME: 05/28/2008 05:36

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

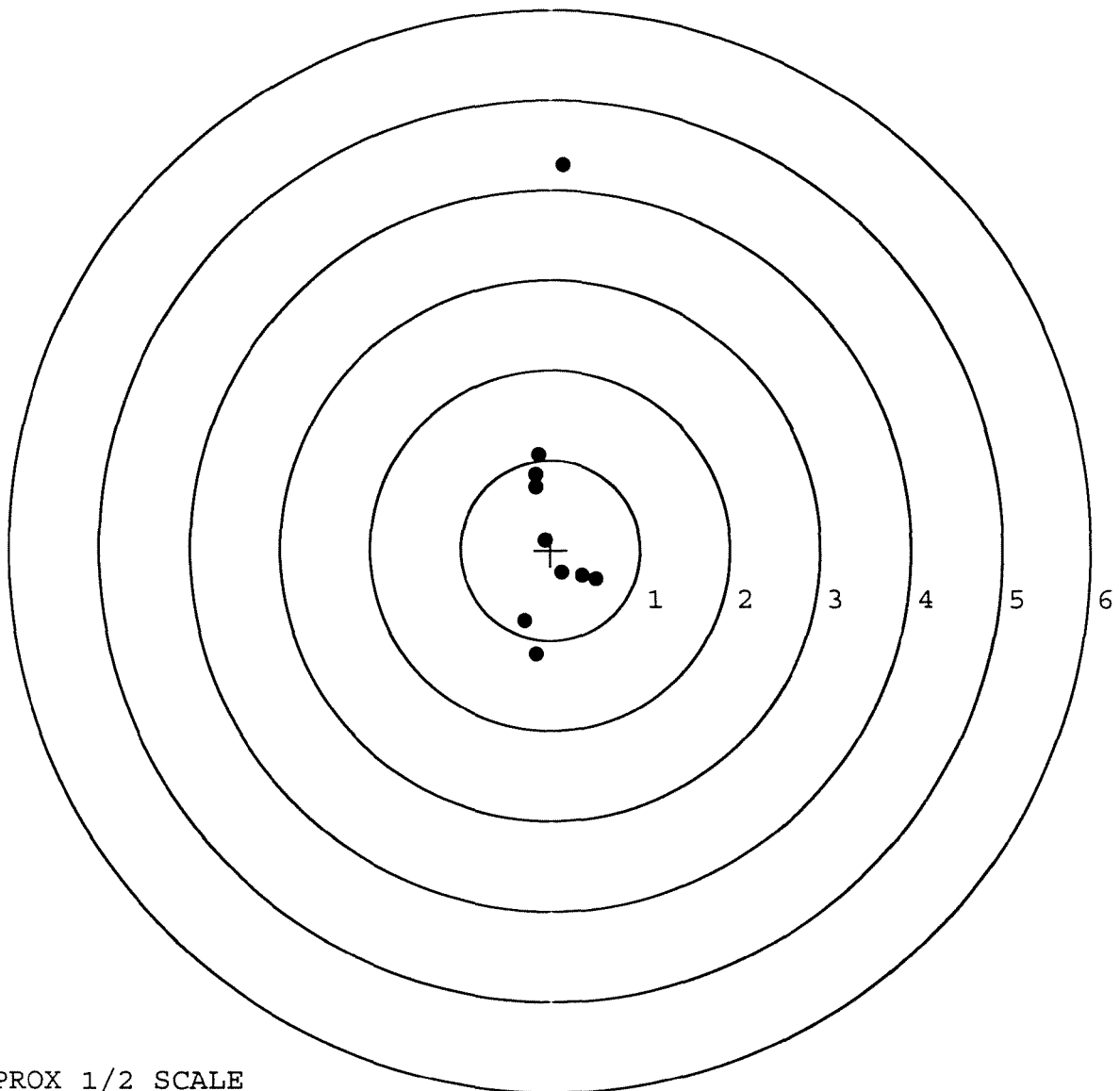
The Average X Centroid of the Five Target Set:	-0.035
The Average Y Centroid of the Five Target Set:	0.052
The Average Point of Impact of the Five Target Set:	0.063
The Average Mean Radius of the Five Target Set:	0.840
The Distance from POA to Centroid Target #1:	0.418
The Distance from Centroid Target #2 to Centroid Target #1:	0.367
The Distance from Centroid Target #3 to Centroid Target #1:	0.442
The Distance from Centroid Target #4 to Centroid Target #1:	0.541
The Distance from Centroid Target #5 to Centroid Target #1:	0.546

BARBER - M24 0019856

SERIAL NUMBER: C6594590. __0
TARGET NUMBER: 1
FILE DATE: 05/28/2008
FILE TIME: 05:36

POINT#	X	Y
1:	-0.161	-1.156
2:	-0.296	-0.787
3:	0.509	-0.326
4:	0.124	-0.255
5:	0.358	-0.286
6:	-0.061	0.109
7:	-0.170	0.700
8:	-0.173	0.839
9:	-0.138	1.061
10:	0.146	4.277

X CENTROID: 0.014
Y CENTROID: 0.418
POA TO CENTROID: 0.418
HORZ SPREAD: 0.805
VERT SPREAD: 5.433
GROUP SPREAD: 5.442
MIN RADIUS: 0.318
MAX RADIUS: 3.862
MEAN RADIUS: 1.082
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

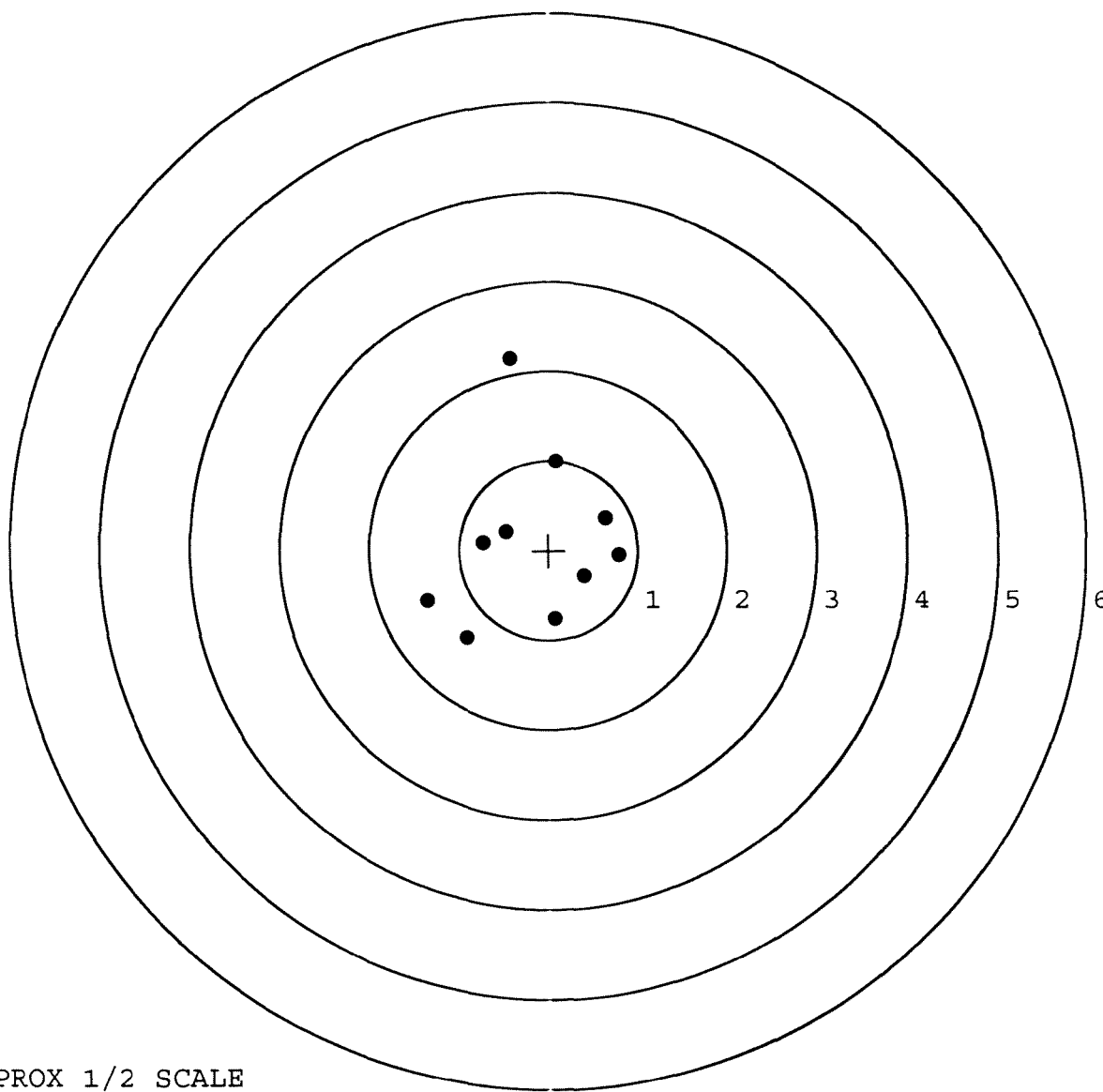
BARBER - M24 0019857

SERIAL NUMBER: C6594590. __0
 TARGET NUMBER: 2
 FILE DATE: 05/28/2008
 FILE TIME: 05:36

X CENTROID: -0.193
 Y CENTROID: 0.114
 POA TO CENTROID: 0.224
 HORZ SPREAD: 2.146
 VERT SPREAD: 3.120
 GROUP SPREAD: 3.157
 MIN RADIUS: 0.304
 MAX RADIUS: 2.040
 MEAN RADIUS: 0.995

IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.634	0.363
2:	0.789	-0.052
3:	0.400	-0.284
4:	0.073	-0.767
5:	-0.911	-0.980
6:	-1.357	-0.569
7:	-0.729	0.088
8:	-0.481	0.209
9:	0.085	0.990
10:	-0.430	2.140



TARGET APPROX 1/2 SCALE

BARBER - M24 0019858

SERIAL NUMBER: C6594590. __0

TARGET NUMBER: 3

FILE DATE: 05/28/2008

FILE TIME: 05:36

X CENTROID: -0.057

Y CENTROID: -0.019

POA TO CENTROID: 0.060

HORZ SPREAD: 1.819

VERT SPREAD: 1.864

GROUP SPREAD: 2.126

MIN RADIUS: 0.434

MAX RADIUS: 1.321

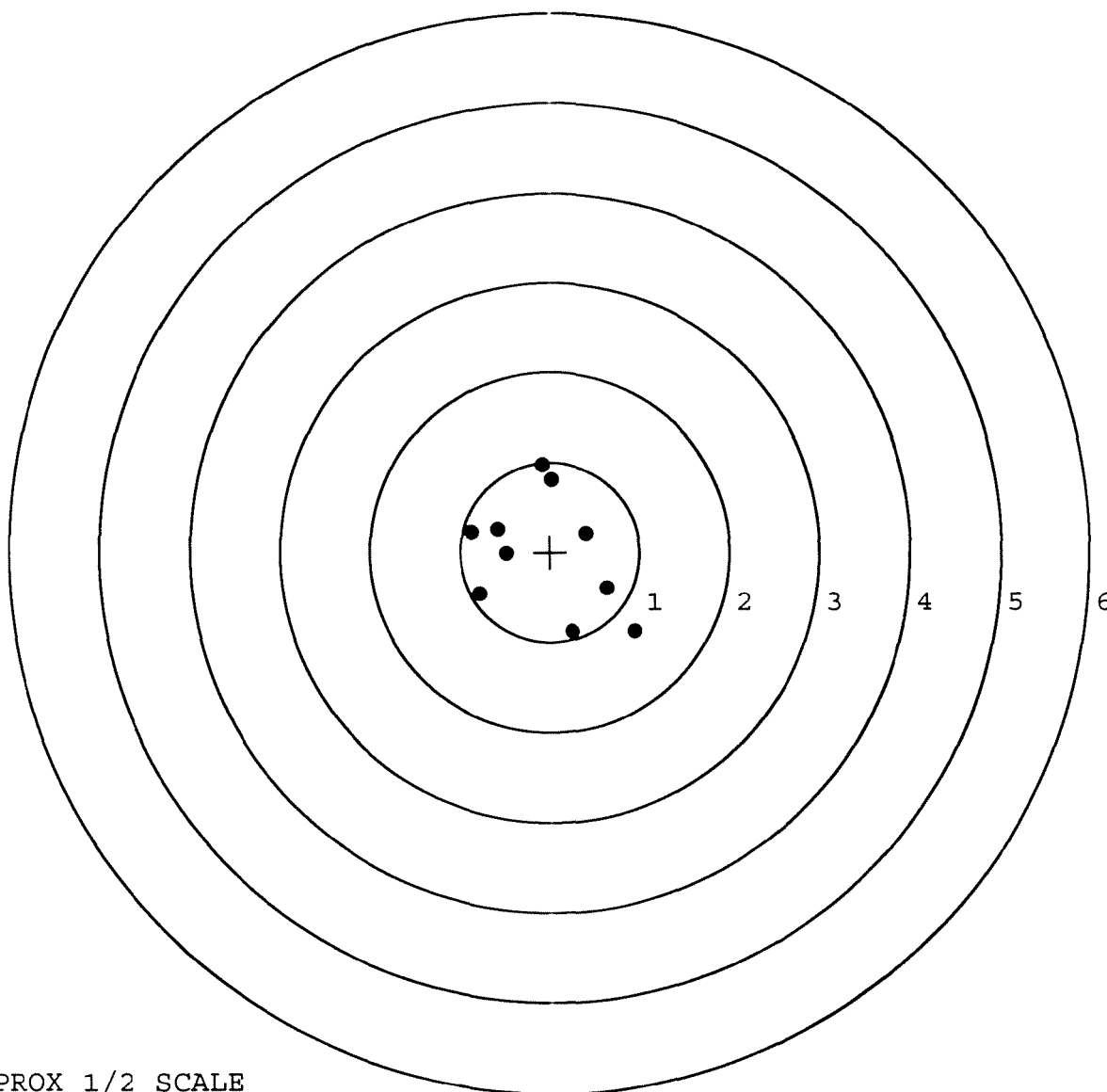
MEAN RADIUS: 0.810

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.944	-0.881
2:	0.638	-0.395
3:	0.251	-0.891
4:	0.406	0.209
5:	0.017	0.800
6:	-0.090	0.973
7:	-0.588	0.258
8:	-0.491	-0.016
9:	-0.875	0.220
10:	-0.783	-0.465



TARGET APPROX 1/2 SCALE

BARBER - M24 0019859

SERIAL NUMBER: C6594590. __0

TARGET NUMBER: 4

FILE DATE: 05/28/2008

FILE TIME: 05:36

X CENTROID: 0.024

Y CENTROID: -0.124

POA TO CENTROID: 0.126

HORZ SPREAD: 1.107

VERT SPREAD: 1.611

GROUP SPREAD: 1.766

MIN RADIUS: 0.102

MAX RADIUS: 0.959

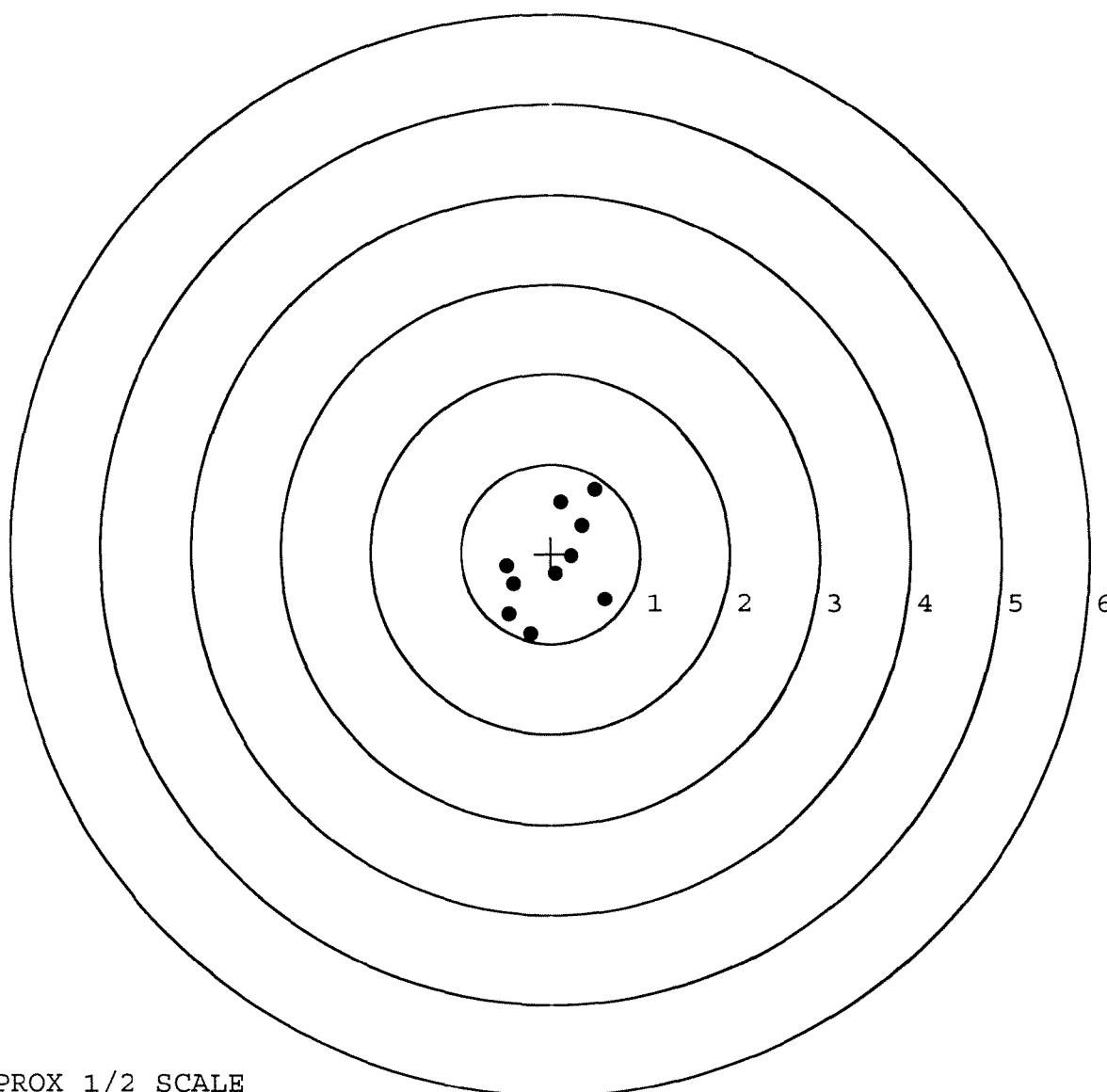
MEAN RADIUS: 0.582

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.611	-0.508
2:	0.495	0.712
3:	0.108	0.568
4:	0.354	0.313
5:	0.233	-0.029
6:	0.049	-0.223
7:	-0.228	-0.899
8:	-0.470	-0.684
9:	-0.420	-0.346
10:	-0.496	-0.141



TARGET APPROX 1/2 SCALE

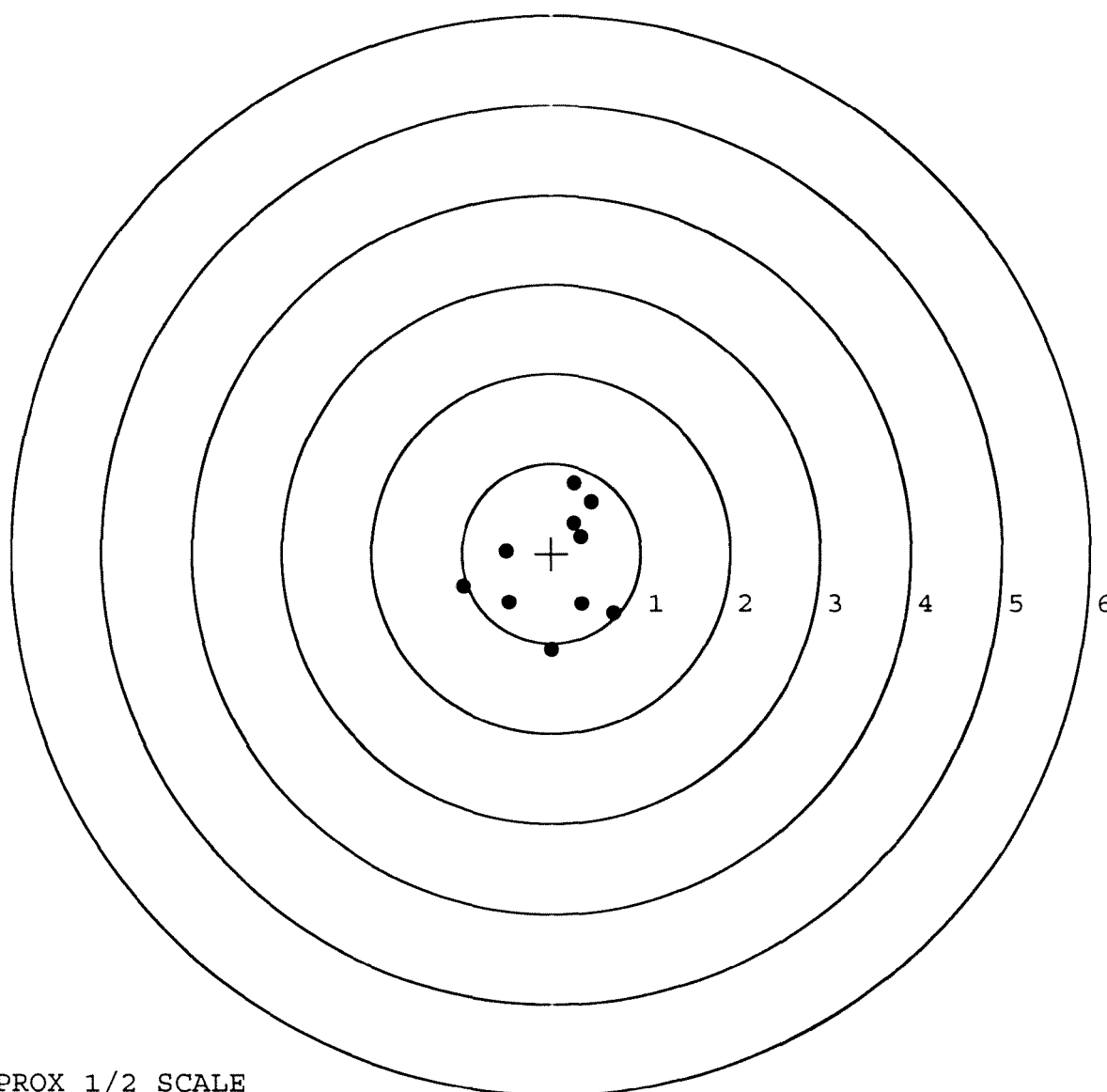
BARBER - M24 0019860

SERIAL NUMBER: C6594590. __0
TARGET NUMBER: 5
FILE DATE: 05/28/2008
FILE TIME: 05:36

X CENTROID: 0.037
Y CENTROID: -0.128
POA TO CENTROID: 0.133
HORZ SPREAD: 1.681
VERT SPREAD: 1.854
GROUP SPREAD: 1.719
MIN RADIUS: 0.435
MAX RADIUS: 1.049
MEAN RADIUS: 0.731

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

POINT#	X	Y
1:	0.698	-0.665
2:	0.346	-0.554
3:	0.004	-1.074
4:	-0.479	-0.546
5:	-0.501	0.032
6:	-0.983	-0.371
7:	0.332	0.192
8:	0.251	0.346
9:	0.450	0.578
10:	0.254	0.780



TARGET APPROX 1/2 SCALE

R & E NUMBER

00144827

SERIAL NUMBER

C 6594590

LOG-IN DATE

4-24-08

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		4-28-08	J.P.D.
505	RE-BARREL			
560	ASSEMBLE		4-30-08	TRW
600	PROOF		4-30-08	TRW
605	CHECK HEADSPACE		4-30-08	TRW
610	DIS-ASSEMBLE GUN		4-30-08	J.P.D.
612	MAGNAFLUX		5/1/08	Wing
510	DRILL AND TAP		5-1-08	TRW
615	ROLLMARK CALIBER		5-1-08	CW
618	ROTO-BLAST		5-1-08	DG
620	APPLY COATINGS		5-5-08	W
625	FINAL ASSEMBLY		5-27-08	RJZ
640	FUNCTION TEST AND	PASS	5-27-08	R.P.
650	TARGET	PASS	5-27-08	R.P.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		5-27-08	SD
	A) HEADSPACE	PASS	5/28/08	Fm
			5/28/08	Fm
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.78 2.64 2.62 2.62 2.63	5/28/08 Fm
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	4- 4- 4-	5/28/08 Fm
	G) SAFETY OFF FORCE	2 LBS FAIL	2- 2- 2-	5/28/08 Fm
	I) FIRING PIN INDENT	.020	.021 .021 .021	5/28/08 Fm
690	PACK		5/29/08	Fm

Repair Inquiry

Repair Number: RE00092905

Serial: C6594590 Model: M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/19/1991

Repairman:

Verify Repair:

Status:

Closed 2/10/2005 11:39:14 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DEF DIST DEPOT ANNISTON

DEF DIST DEPOT ANNISTON

Address 1:

Address 2:

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
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

naclatl

2/14/2005

9:23 AM

CAPS

NUM

INS

SCRL

start

5

2

4

Arms Service

Serial Number:

C6594590

Model: M24 SWS



RE00092905

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594590.___0
FILE DATE AND TIME: 07/08/2005 06:45

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.028
The Average Y Centroid of the Five Target Set:	0.090
The Average Point of Impact of the Five Target Set:	0.094
The Average Mean Radius of the Five Target Set:	0.928
The Distance from POA to Centroid Target #1:	0.176
The Distance from Centroid Target #2 to Centroid Target #1:	0.429
The Distance from Centroid Target #3 to Centroid Target #1:	0.314
The Distance from Centroid Target #4 to Centroid Target #1:	0.348
The Distance from Centroid Target #5 to Centroid Target #1:	0.413

BARBER - M24 0019864

SERIAL NUMBER: C6594590. __0

TARGET NUMBER: 1

FILE DATE: 07/08/2005

FILE TIME: 06:45

X CENTROID: 0.154

Y CENTROID: -0.085

POA TO CENTROID: 0.176

HORZ SPREAD: 2.065

VERT SPREAD: 1.891

GROUP SPREAD: 2.618

MIN RADIUS: 0.312

MAX RADIUS: 1.383

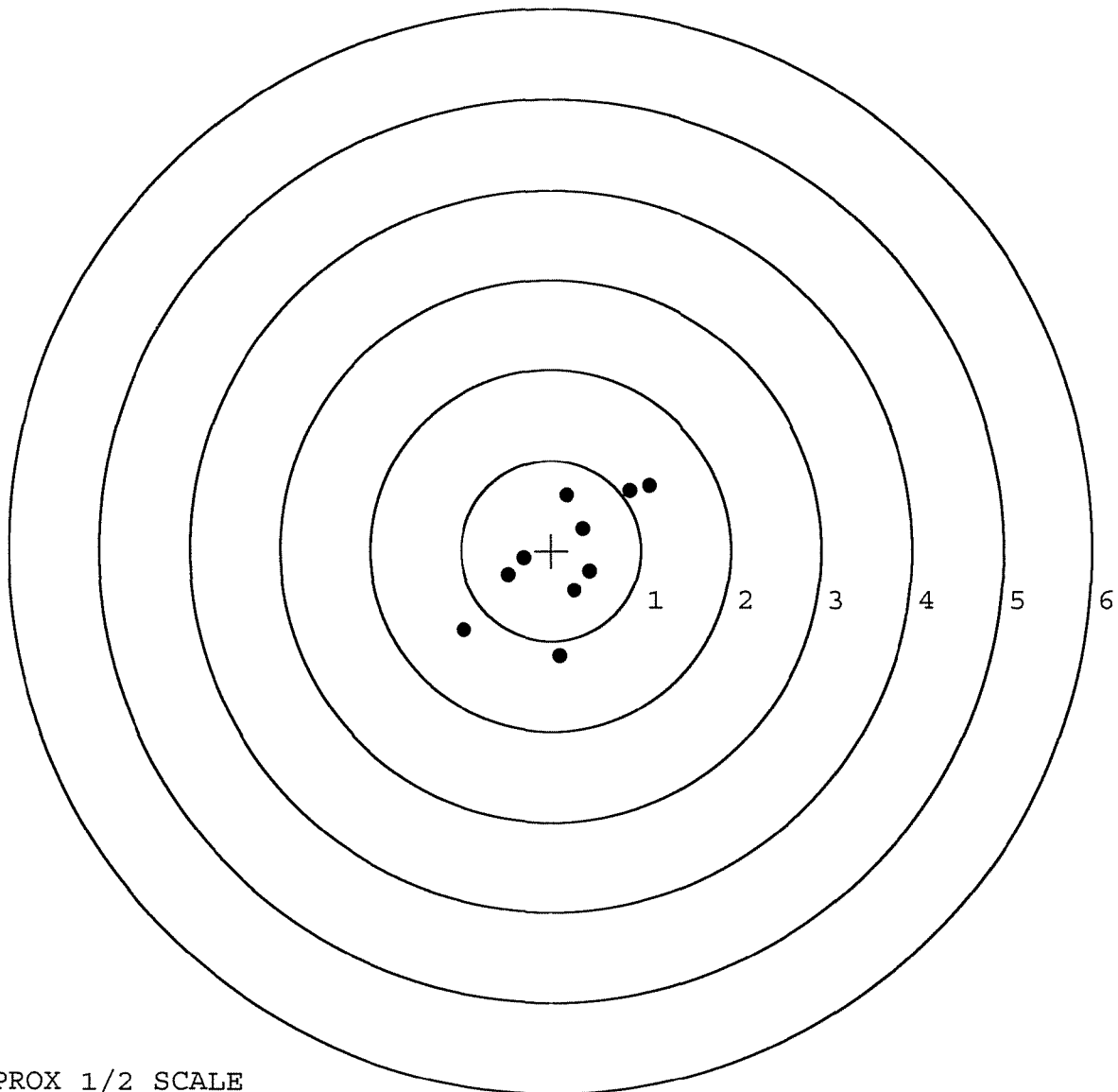
MEAN RADIUS: 0.766

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.095	0.719
2:	0.876	0.666
3:	0.432	-0.227
4:	0.263	-0.443
5:	0.360	0.241
6:	0.180	0.618
7:	0.099	-1.172
8:	-0.311	-0.087
9:	-0.485	-0.274
10:	-0.970	-0.891



TARGET APPROX 1/2 SCALE

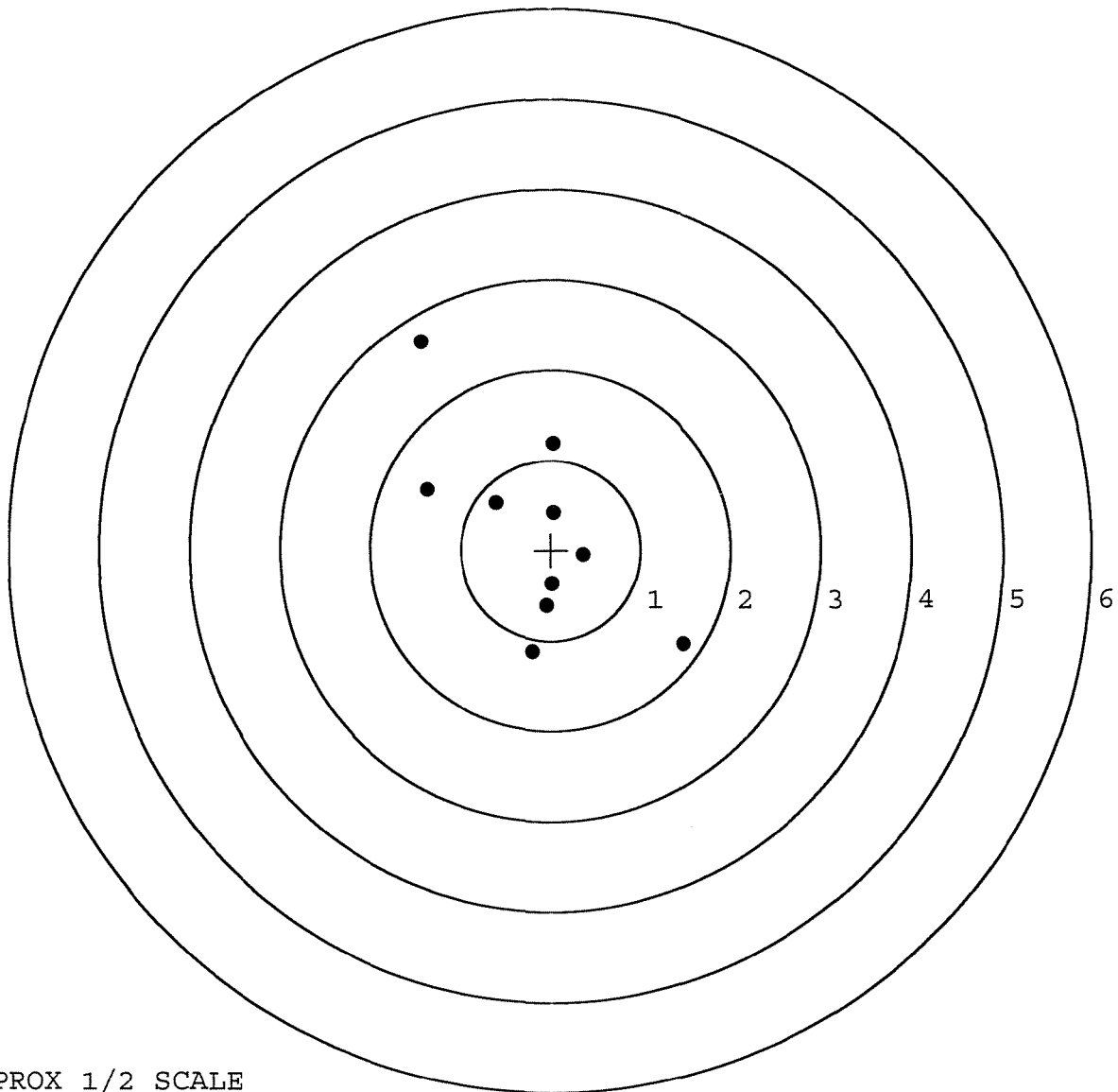
BARBER - M24 0019865

SERIAL NUMBER: C6594590. __0
TARGET NUMBER: 2
FILE DATE: 07/08/2005
FILE TIME: 06:45

X CENTROID: -0.176
Y CENTROID: 0.190
POA TO CENTROID: 0.259
HORZ SPREAD: 2.911
VERT SPREAD: 3.431
GROUP SPREAD: 4.432
MIN RADIUS: 0.308
MAX RADIUS: 2.463
MEAN RADIUS: 1.101

IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.476	-1.035
2:	0.364	-0.055
3:	0.015	-0.379
4:	-0.052	-0.615
5:	-0.207	-1.124
6:	0.032	0.418
7:	0.032	1.188
8:	-0.612	0.522
9:	-1.370	0.673
10:	-1.435	2.307



TARGET APPROX 1/2 SCALE

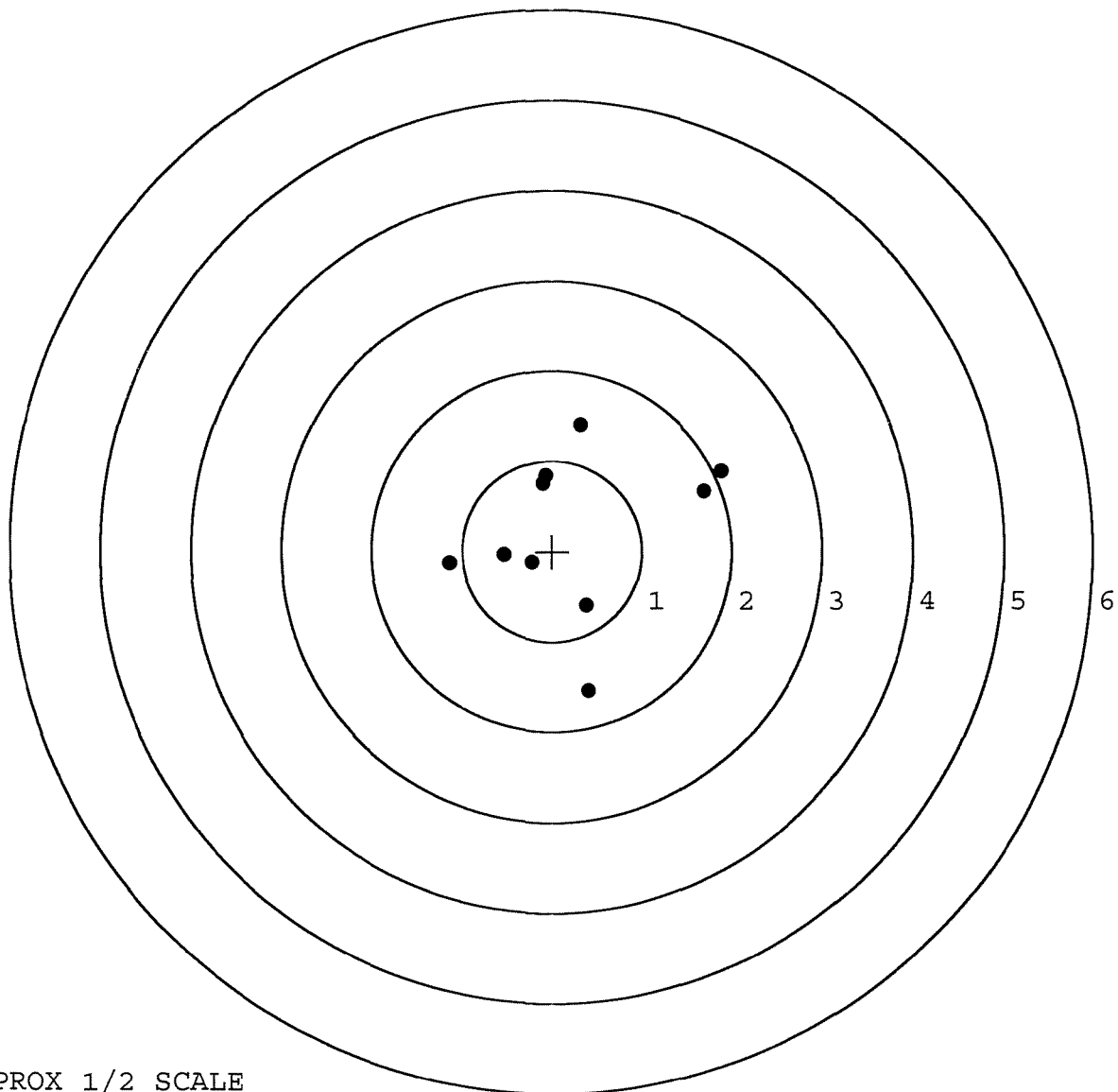
BARBER - M24 0019866

SERIAL NUMBER: C6594590. __0
TARGET NUMBER: 3
FILE DATE: 07/08/2005
FILE TIME: 06:45

X CENTROID: 0.263
Y CENTROID: 0.209
POA TO CENTROID: 0.336
HORZ SPREAD: 3.030
VERT SPREAD: 2.939
GROUP SPREAD: 3.198
MIN RADIUS: 0.595
MAX RADIUS: 1.761
MEAN RADIUS: 1.128

IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 7

POINT#	X	Y
1:	1.888	0.886
2:	1.698	0.665
3:	0.409	-1.540
4:	0.389	-0.604
5:	-0.233	-0.121
6:	-0.539	-0.046
7:	-1.142	-0.136
8:	-0.101	0.752
9:	-0.070	0.836
10:	0.326	1.399



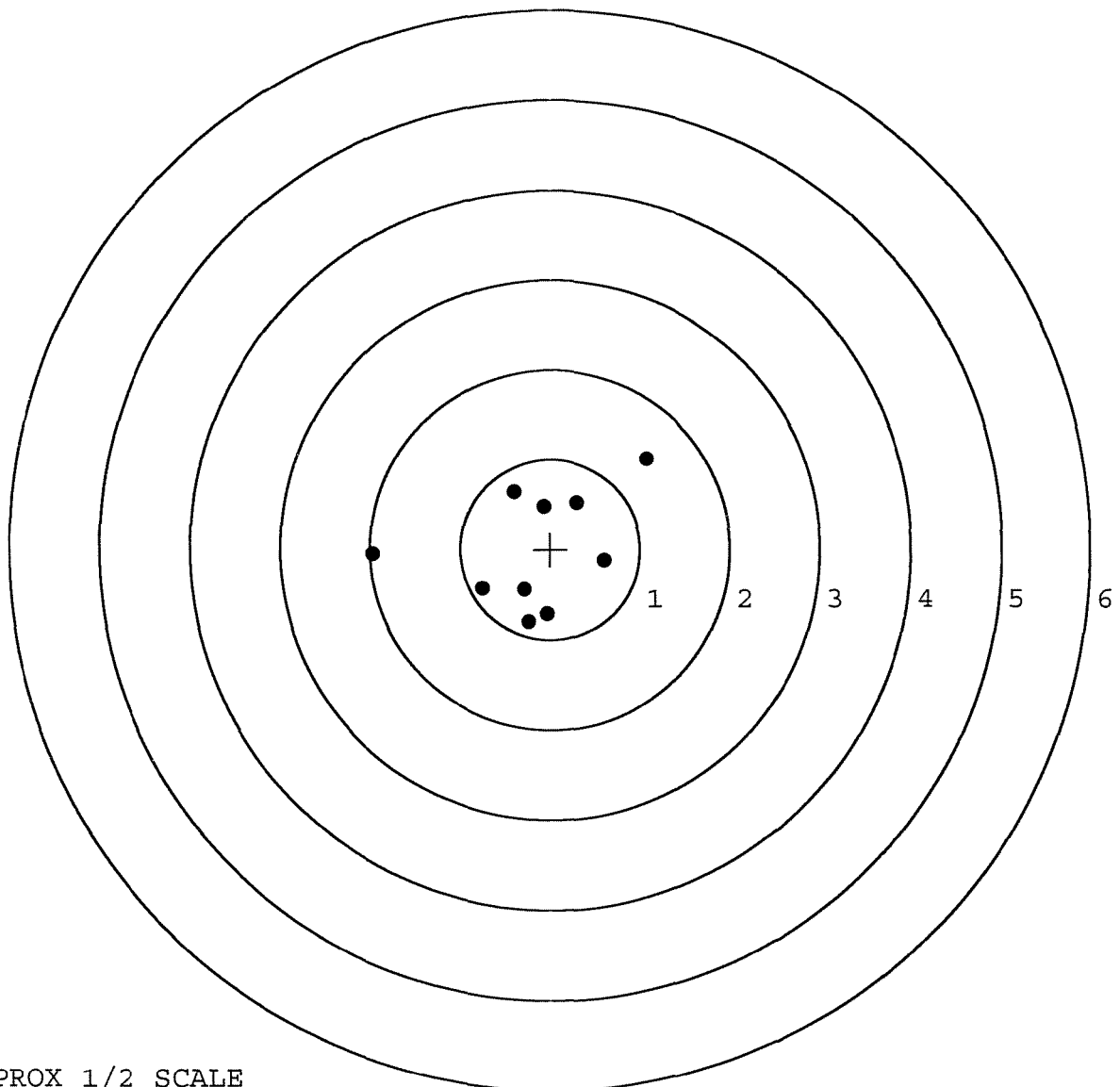
TARGET APPROX 1/2 SCALE

BARBER - M24 0019867

SERIAL NUMBER: C6594590. __0
 TARGET NUMBER: 4
 FILE DATE: 07/08/2005
 FILE TIME: 06:45

X CENTROID: -0.183
 Y CENTROID: 0.002
 POA TO CENTROID: 0.183
 HORZ SPREAD: 3.048
 VERT SPREAD: 1.813
 GROUP SPREAD: 3.227
 MIN RADIUS: 0.464
 MAX RADIUS: 1.791
 MEAN RADIUS: 0.879
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.075	1.001
2:	0.603	-0.124
3:	0.297	0.514
4:	-0.075	0.469
5:	-0.411	0.638
6:	-0.046	-0.725
7:	-0.247	-0.812
8:	-0.297	-0.448
9:	-0.755	-0.439
10:	-1.973	-0.058



TARGET APPROX 1/2 SCALE

BARBER - M24 0019868

SERIAL NUMBER: C6594590. __0

TARGET NUMBER: 5

FILE DATE: 07/08/2005

FILE TIME: 06:45

X CENTROID: -0.196

Y CENTROID: 0.134

POA TO CENTROID: 0.238

HORZ SPREAD: 1.970

VERT SPREAD: 1.706

GROUP SPREAD: 2.115

MIN RADIUS: 0.289

MAX RADIUS: 1.349

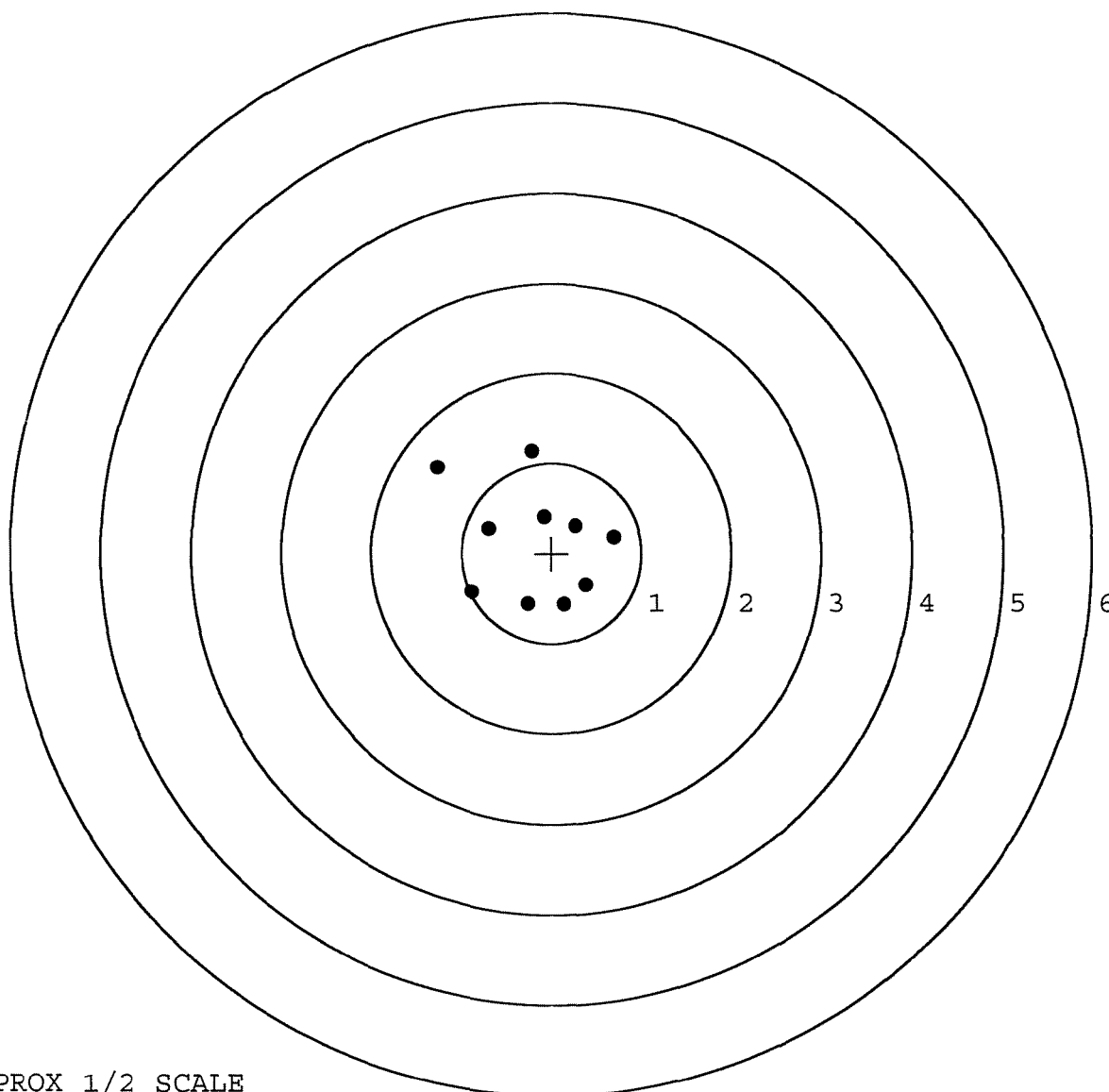
MEAN RADIUS: 0.768

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.700	0.181
2:	0.381	-0.351
3:	0.139	-0.572
4:	-0.272	-0.562
5:	0.261	0.307
6:	-0.091	0.403
7:	-0.703	0.280
8:	-0.887	-0.430
9:	-1.270	0.950
10:	-0.220	1.134



TARGET APPROX 1/2 SCALE

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

R. & E NUMBER	92905		
SERIAL NUMBER	C6594590		
LOG-IN DATE	2-10-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	6-1-05	RTZ
560 A	RE-BARREL	6-6-05	RTZ
B	DRILL AND TAP	6-8-05	TRW
575	ASSEMBLE	6-6-05	RTZ
600	PROOF	6-17-05	AC
605	CHECK HEADSPACE	6-17-05	AC
610	DIS-ASSEMBLE GUN	6-17-05	RTZ
612	MAGNAFLUX	6/9/05	Wend
615	ROLLMARK CALIBER	6-9-05	CW
618	ROTO-BLAST	6-10-05	LB
620	APPLY COATINGS	6-13-05	W
625 A	FINAL ASSEMBLY	6-30-05	RTZ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	8-9-05	AC
D	SAFETY "OFF" FORCE	8-9-05	AC
E	FIRING PIN INDENT	8-9-05	AC
640	TARGET	7-8-05	AC
655	FINAL INSPECT	8-9-05	AC
660	PACK	9-15-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	

Remington[®] **DUPONT**
REG. U.S. PAT. & TM. OFF.

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

MODEL 700TM M24

SERIAL NO.
C6594590

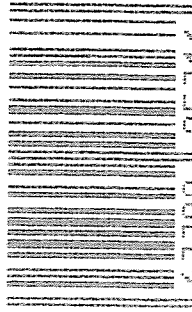
ORDER NO.
5716

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



5716 C6594590

UPC



0 47700 25716

2

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6594590

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1228 90		RW
600	Proof	1228 90		RW
607	Check Headspace	1228 90		RW
610	Dis-assemble Gun	1228 90		RW
612	Magnaflux Barrel Action		1-7-91	KR
	Magnaflux Bolt		1-7-91	KR
615	Rollmark Caliber		11	YB
617	Drill and Tap Sight Holes	1 10 91		FB
618	Polish Barrel	1 10 91		WB
620	Apply Coatings (Barrel Action)		1-18-91	JA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		1/19/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/19/91	RW
	C) Inspect Ejector Hole for Chamfer		1/19/91	RW
	D) Oil Firing Pin Ass'y		1/19/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1/28/91	RY

BARBER - M24 0019872

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3 3/4	3 3/4	4			1/28/91	WB
	G) Safety Off Force	2	2	2			1/28/91	WB
	H) Trigger Pull Test & Retainability						1/28/91	JH
	I) Firing Pin Indent	.0215	.0215	.0215			1/28/91	WB
	J) Assemble Stock						1/29/91	RW
	K) Assemble Swivel Studs						2-4-91	AC
	L) Attach Front and Rear Sight Assemblies						1/29/91	RW
	M) Iron Sight Alignment						1/29/91	RW
	N) Detach Front & Rear Sights & place in numbered container						1/29/91	RW
	O) Attach Scope to Rifle						1/29/91	RW
	P) Detach & Attach Scope 20 Times						1/29/91	RW
640	Gallery Target & Test						1-30-91	DH
	A) Time						1-30-91	DH
	B) Malfunctions						1-30-91	DH
	C) Pierced Primers						1-30-91	DH
	D) Optical Clarity of Scope						1-30-91	DH
645	Inspect for Live Ammo						1-30-91	DH
655	Final Inspection							
	A) Headspace						2-4-91	AC
	B) Trigger Pull	2.40	2.41	2.40	2.40	2.28	2-4-91	JH
	C) Function						2-4-91	AC
660	Pack						3-18-91	N

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6594590

DATE 1-28-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.21	2.25	2.38	2.40	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.24	2.20	2.38	2.41	
PULL #3	2.29	2.25	2.38	2.40	
PULL #4	2.21	2.20	2.33	2.40	
PULL #5	2.25	2.20	2.32	2.28	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.38	3.32		
PULL #2	3.41	3.38		
PULL #3	3.37	3.27		
PULL #4	3.34	3.30		
PULL #5	3.30	3.27		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.22	4.33		4.38
PULL #2	4.24	4.04		4.32
PULL #3	4.26	4.30		4.32
PULL #4	4.27	4.30		4.35
PULL #5	4.29	4.30		4.34
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594590
30 Jan 1991

CENTROIDAL DISTANCES

0 TO	1	.148946
1 TO	2	.145121
1 TO	3	.343022
1 TO	4	.289558
1 TO	5	.153209

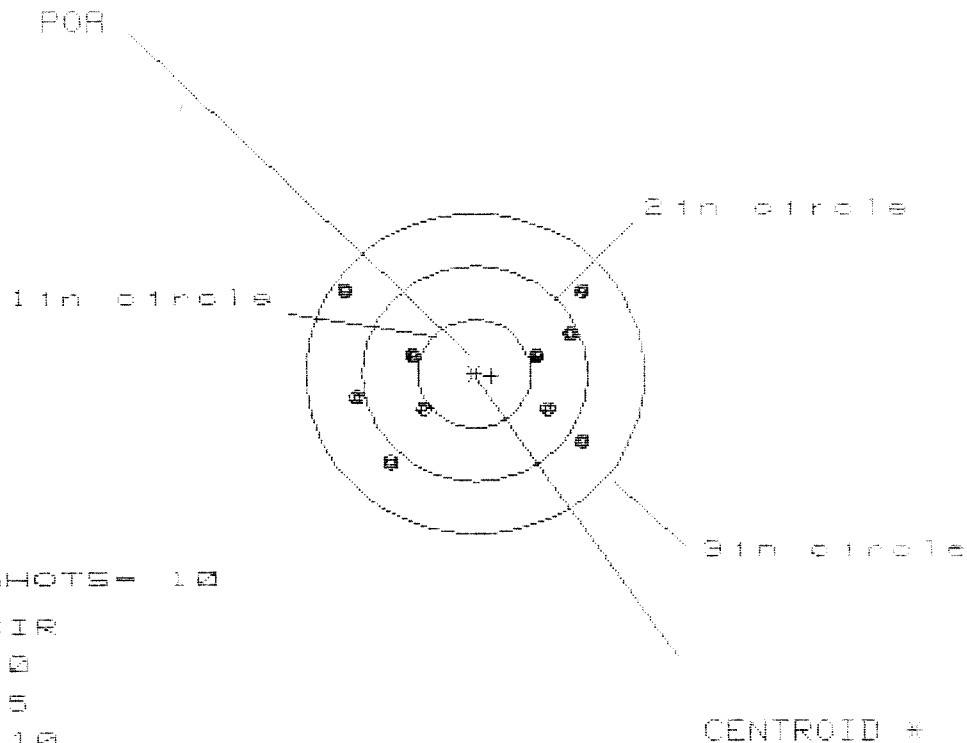
544 <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0876
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0708
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .112634
THE AMR FOR THIS RIFLE IS: .875

18 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08594590

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 10

HS= 2.093

VS= 1.592

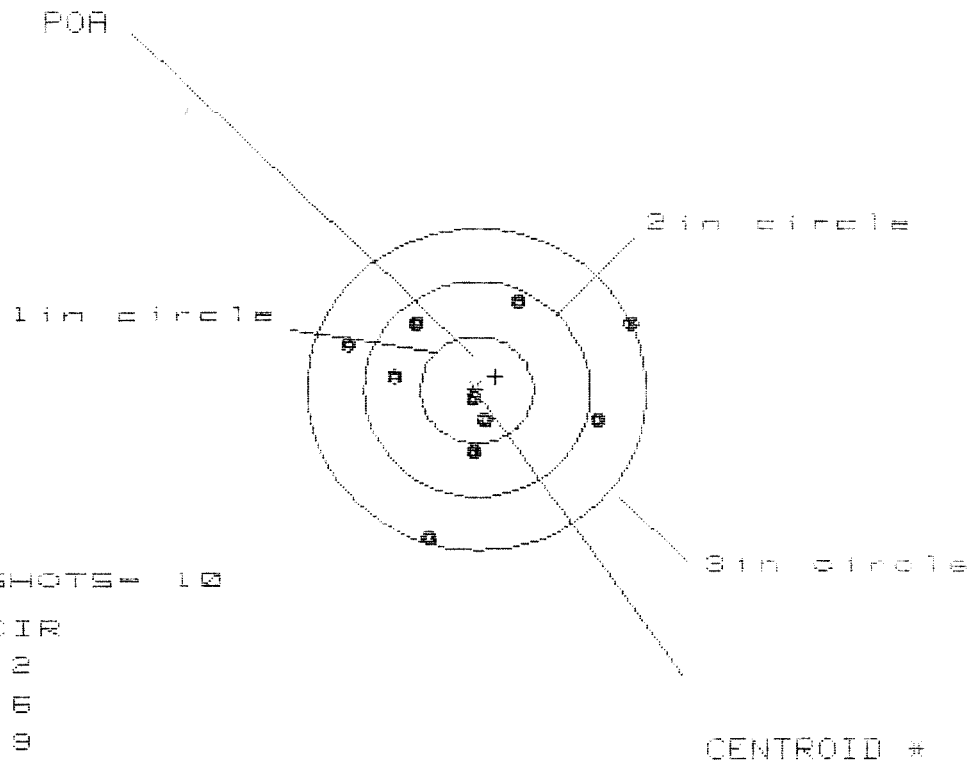
GS= 2.533

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.968	.843	.944
MINIMUM X	:	-1.125	-1.159	-1.058
MAXIMUM Y	:	.790	.877	.526
MINIMUM Y	:	-.802	-.715	-.605
CENTROID X	:	-.147	-.022	-.123
CENTROID Y	:	.024	-.063	-.173
POR TO CENTROID in.	:	.149	.067	.212
MIN RADIUS	:	.588	.530	.533
MEAN RADIUS	:	.933	.872	.827
MAX RADIUS	:	1.371	1.195	1.058
HORIZONTAL SPREAD	:	2.093	2.002	2.002
VERTICAL SPREAD	:	1.592	1.592	1.131
EXTREME SPREAD	:	2.533	2.308	2.056
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS= 2.588

VS= 2.131

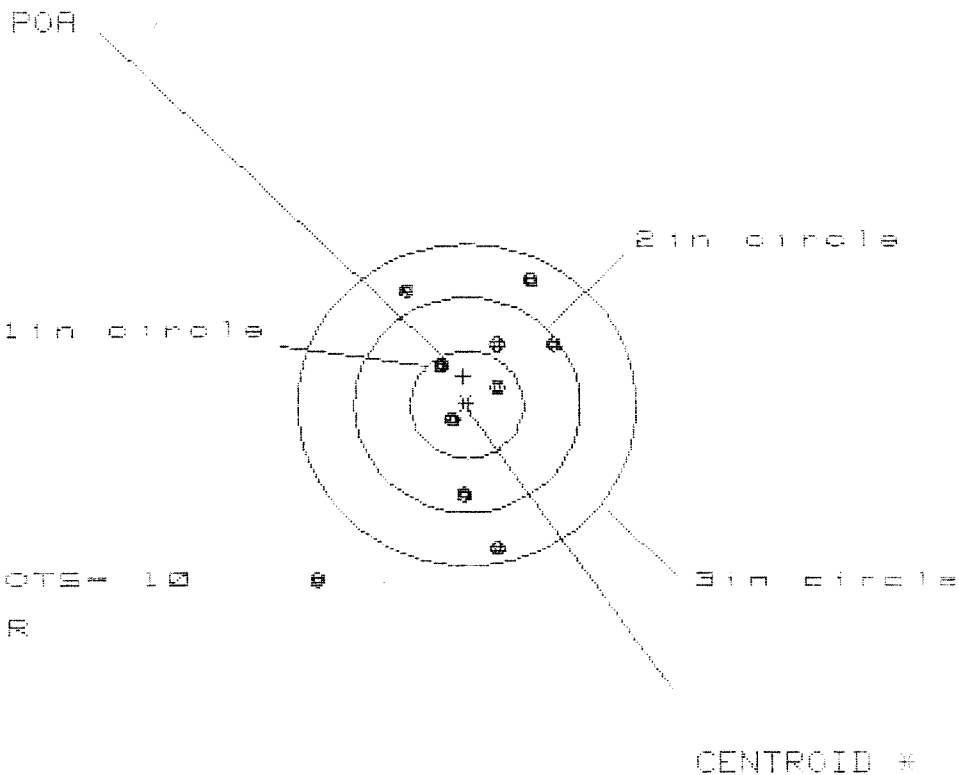
GS= 2.693

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.405	1.191	1.159
MINIMUM X	:	-1.183	-1.027	-1.058
MAXIMUM Y	:	.791	.863	.705
MINIMUM Y	:	-1.340	-1.268	-.635
CENTROID X	:	-.165	-.321	-.289
CENTROID Y	:	-.120	-.192	-.033
POA TO CENTROID in.	:	.204	.374	.291
MIN RADIUS	:	.093	.127	.198
MEAN RADIUS	:	.873	.785	.728
MAX RADIUS	:	1.547	1.293	1.225
HORIZONTAL SPREAD	:	2.588	2.218	2.218
VERTICAL SPREAD	:	2.131	2.131	1.339
EXTREME SPREAD	:	2.693	2.342	2.342
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HS= 2.094

VS= 2.795

GS= 3.341

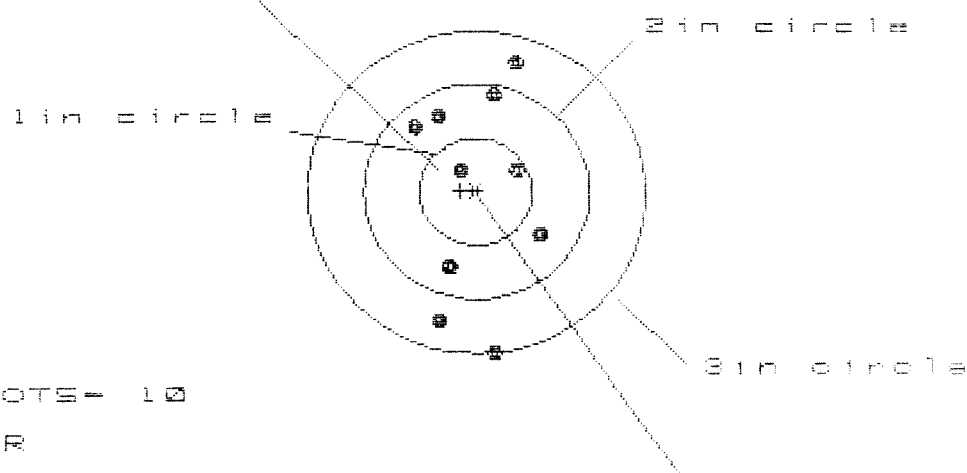
PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.887
MINIMUM X	-1.287
MAXIMUM Y	1.161
MINIMUM Y	-1.634
CENTROID X	.033
CENTROID Y	-.268
POA TO CENTROID in.	.270
MIN RADIUS	.202
MEAN RADIUS	.942
MAX RADIUS	2.080
HORIZONTAL SPREAD	2.094
VERTICAL SPREAD	2.795
EXTREME SPREAD	3.341
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	9

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CENTERFIRE PATTERNS # 4

POR



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS = 1.088

VS = 2.676

GS = 2.679

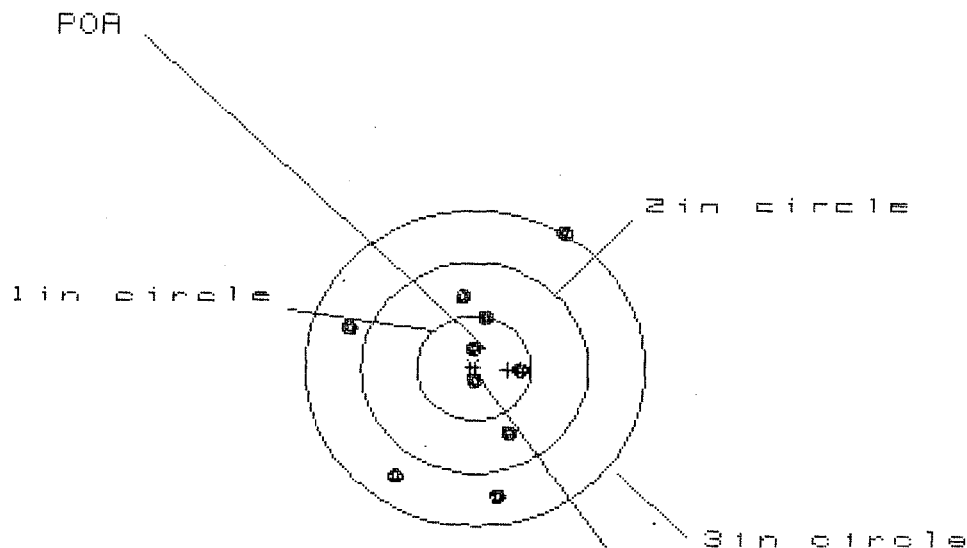
CENTROID *

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.568	.589	.631
MINIMUM X	-.520	-.499	-.457
MAXIMUM Y	1.211	1.049	.839
MINIMUM Y	-1.465	-1.363	-1.232
CENTROID X	.141	.120	.078
CENTROID Y	-.006	.156	.025
POR TO CENTROID in.	.141	.197	.082
MIN RADIUS	.204	.093	.147
MEAN RADIUS	.847	.743	.711
MAX RADIUS	1.477	1.402	1.265
HORIZONTAL SPREAD	1.088	1.088	1.088
VERTICAL SPREAD	2.676	2.412	2.071
EXTREME SPREAD	2.679	2.501	2.133
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

30 Jan 1991

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CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 4

2 in = 6

3 in = 9

HS = 1.956

VS = 2.555

GS = 2.789

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.838	.514	.553
MINIMUM X	-1.118	-1.025	-.986
MAXIMUM Y	1.320	.818	.682
MINIMUM Y	-1.235	-1.089	-1.021
CENTROID X	-.300	-.393	-.432
CENTROID Y	.016	-.130	.006
POA TO CENTROID in.	.300	.414	.432
MIN RADIUS	.112	.119	.182
MEAN RADIUS	.780	.712	.642
MAX RADIUS	1.563	1.158	1.150
HORIZONTAL SPREAD	1.956	1.539	1.539
VERTICAL SPREAD	2.555	1.907	1.703
EXTREME SPREAD	2.789	2.108	1.781
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	