

C6349028

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

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: RE00144825

Serial: C6349028 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 4/24/2008 10:57:15 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	Fit and Rear Sgt Base	1

nagletj

4/24/2008

12:24 PM

CAPS

NUM



Serial Number:

C6349028

Model: M24 SWS



RE00144825

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349028.____0
FILE DATE AND TIME: 05/28/2008 05:27

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.006
The Average Y Centroid of the Five Target Set:	-0.118
The Average Point of Impact of the Five Target Set:	0.118
The Average Mean Radius of the Five Target Set:	0.623
The Distance from POA to Centroid Target #1:	0.327
The Distance from Centroid Target #2 to Centroid Target #1:	0.368
The Distance from Centroid Target #3 to Centroid Target #1:	0.351
The Distance from Centroid Target #4 to Centroid Target #1:	0.291
The Distance from Centroid Target #5 to Centroid Target #1:	0.197

SERIAL NUMBER: C6349028. __0

TARGET NUMBER: 1

FILE DATE: 05/28/2008

FILE TIME: 05:27

X CENTROID: 0.175

Y CENTROID: -0.276

POA TO CENTROID: 0.327

HORZ SPREAD: 2.605

VERT SPREAD: 2.208

GROUP SPREAD: 3.317

MIN RADIUS: 0.258

MAX RADIUS: 2.285

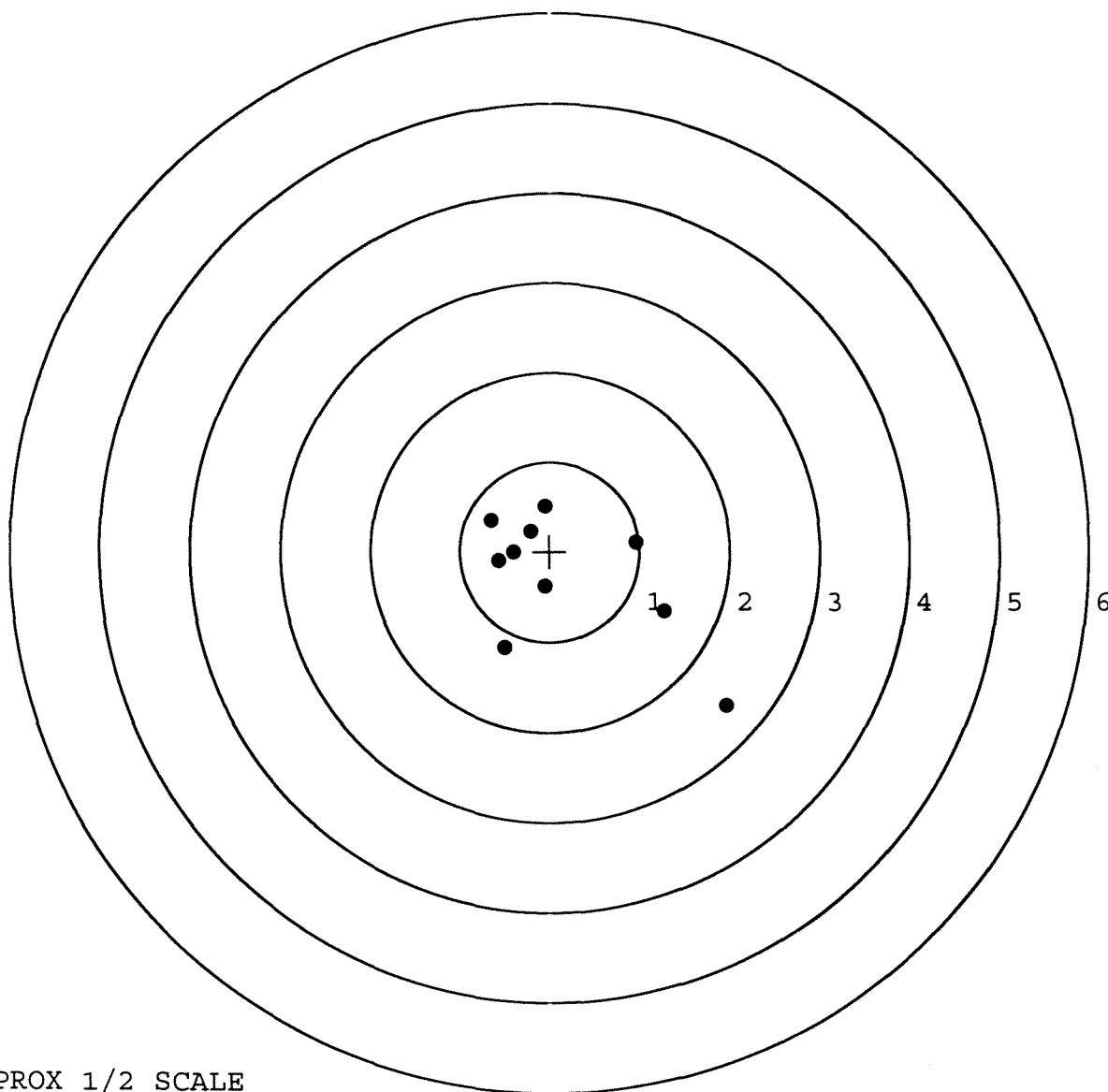
MEAN RADIUS: 0.950

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.958	-1.705
2:	1.272	-0.664
3:	0.965	0.103
4:	-0.056	-0.392
5:	-0.506	-1.066
6:	-0.647	0.348
7:	-0.571	-0.101
8:	-0.400	-0.010
9:	-0.209	0.224
10:	-0.057	0.503



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349028. __0

TARGET NUMBER: 2

FILE DATE: 05/28/2008

FILE TIME: 05:27

X CENTROID: 0.023

Y CENTROID: 0.060

POA TO CENTROID: 0.064

HORZ SPREAD: 1.320

VERT SPREAD: 1.944

GROUP SPREAD: 1.986

MIN RADIUS: 0.221

MAX RADIUS: 1.155

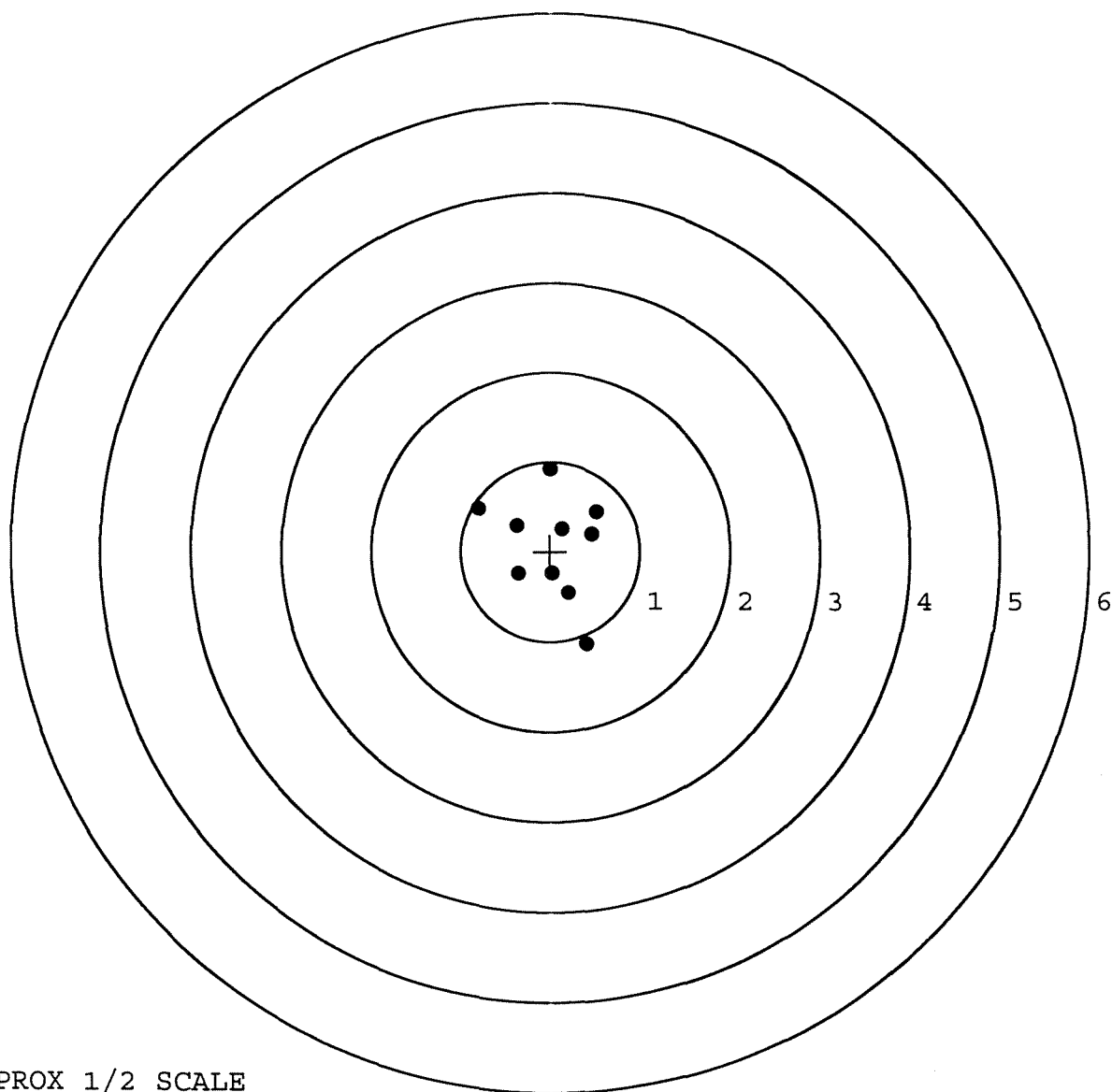
MEAN RADIUS: 0.605

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.410	-1.029
2:	0.205	-0.461
3:	0.023	-0.241
4:	-0.356	-0.243
5:	0.518	0.440
6:	0.471	0.194
7:	0.136	0.249
8:	-0.379	0.292
9:	-0.802	0.480
10:	0.004	0.915



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349028. __0

TARGET NUMBER: 3

FILE DATE: 05/28/2008

FILE TIME: 05:27

X CENTROID: -0.076

Y CENTROID: -0.031

POA TO CENTROID: 0.082

HORZ SPREAD: 1.446

VERT SPREAD: 1.233

GROUP SPREAD: 1.612

MIN RADIUS: 0.301

MAX RADIUS: 0.969

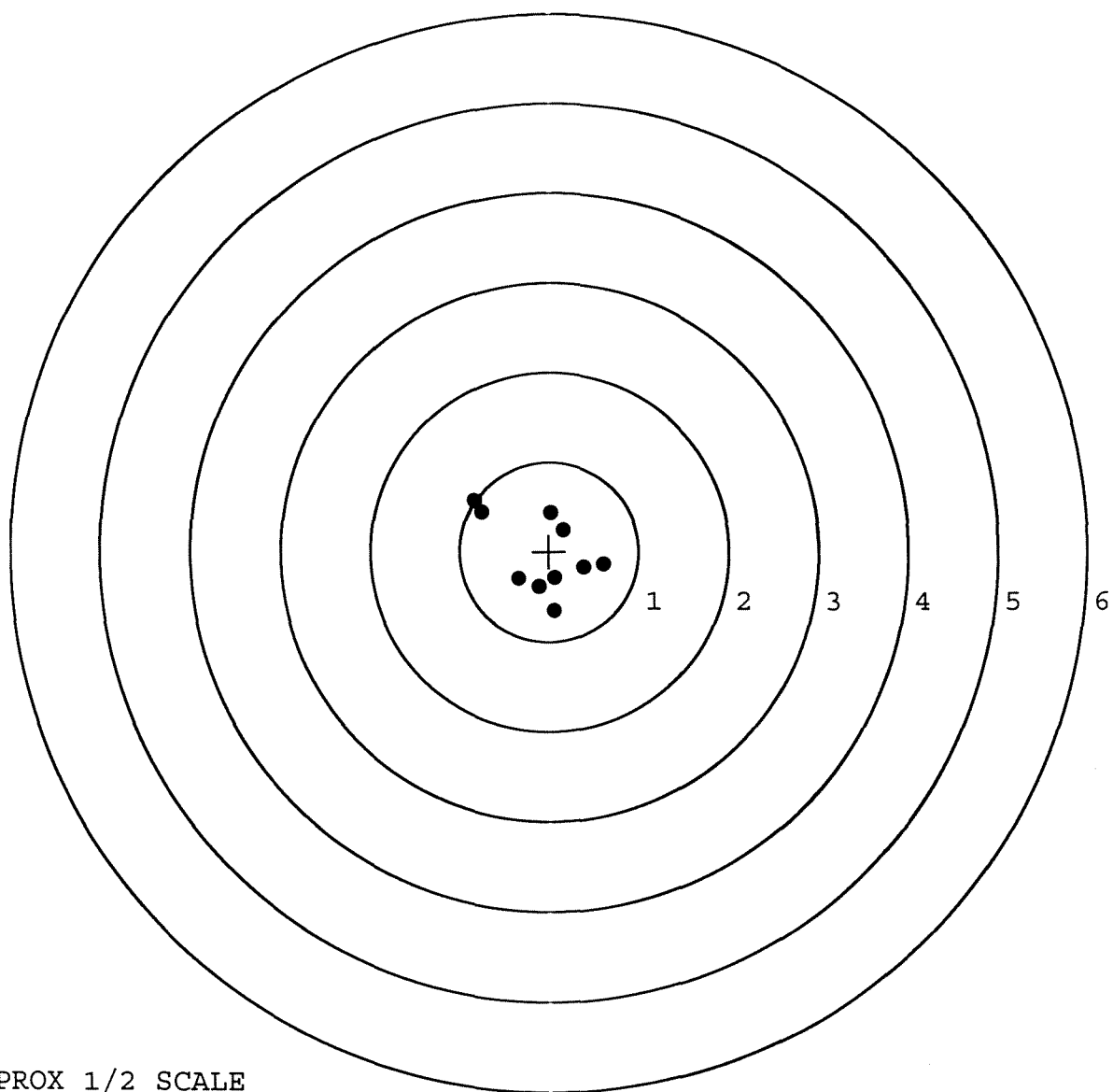
MEAN RADIUS: 0.551

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.839	0.567
2:	-0.755	0.446
3:	0.015	0.427
4:	0.162	0.237
5:	-0.344	-0.306
6:	-0.119	-0.394
7:	0.062	-0.299
8:	0.389	-0.179
9:	0.607	-0.145
10:	0.060	-0.666

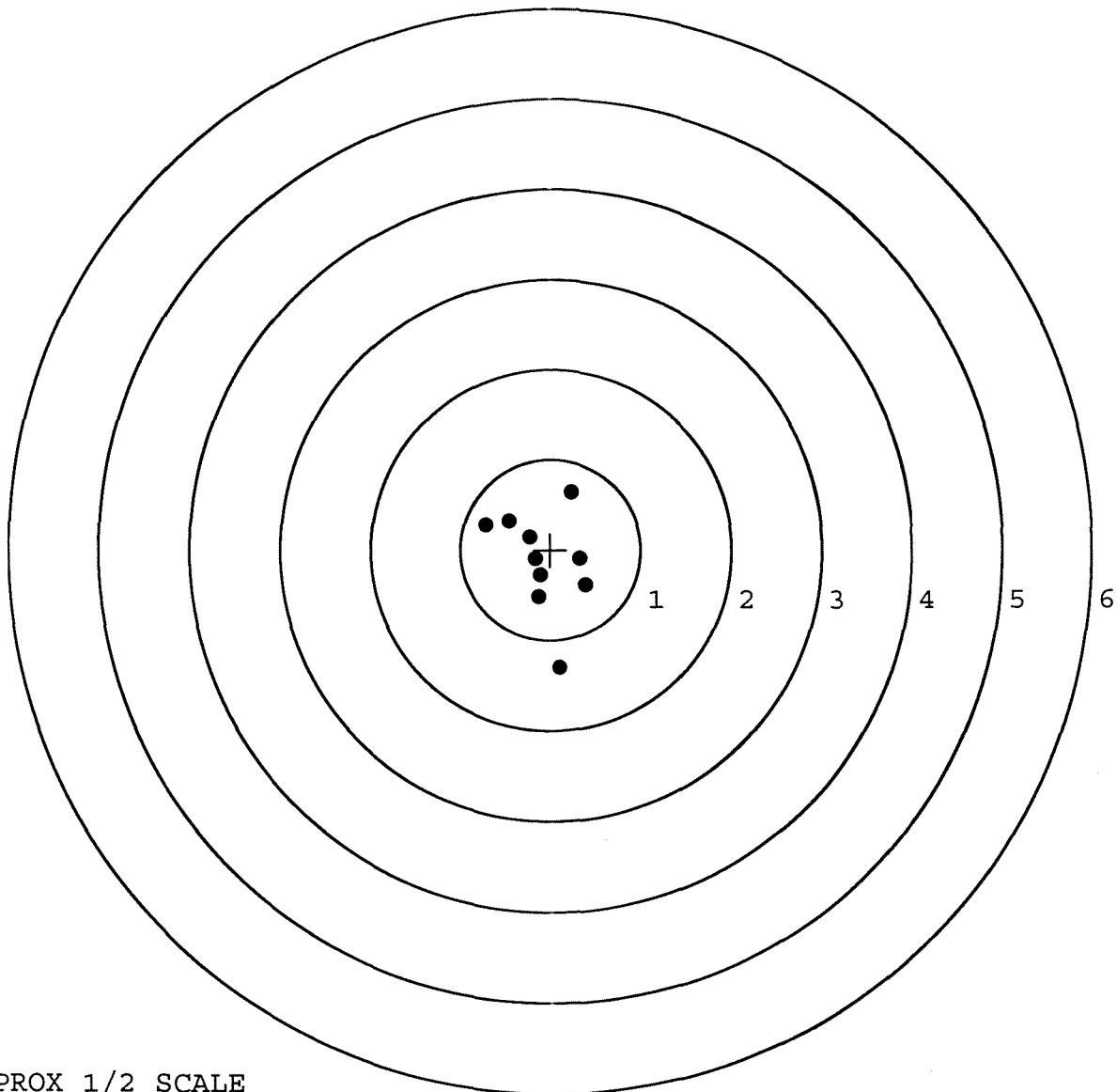


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349028. __0
 TARGET NUMBER: 4
 FILE DATE: 05/28/2008
 FILE TIME: 05:27

X CENTROID: -0.078
 Y CENTROID: -0.132
 POA TO CENTROID: 0.153
 HORZ SPREAD: 1.107
 VERT SPREAD: 1.950
 GROUP SPREAD: 1.955
 MIN RADIUS: 0.095
 MAX RADIUS: 1.192
 MEAN RADIUS: 0.529
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.104	-1.310
2:	0.389	-0.391
3:	0.328	-0.098
4:	0.238	0.640
5:	-0.718	0.282
6:	-0.464	0.322
7:	-0.233	0.143
8:	-0.169	-0.102
9:	-0.118	-0.281
10:	-0.140	-0.521

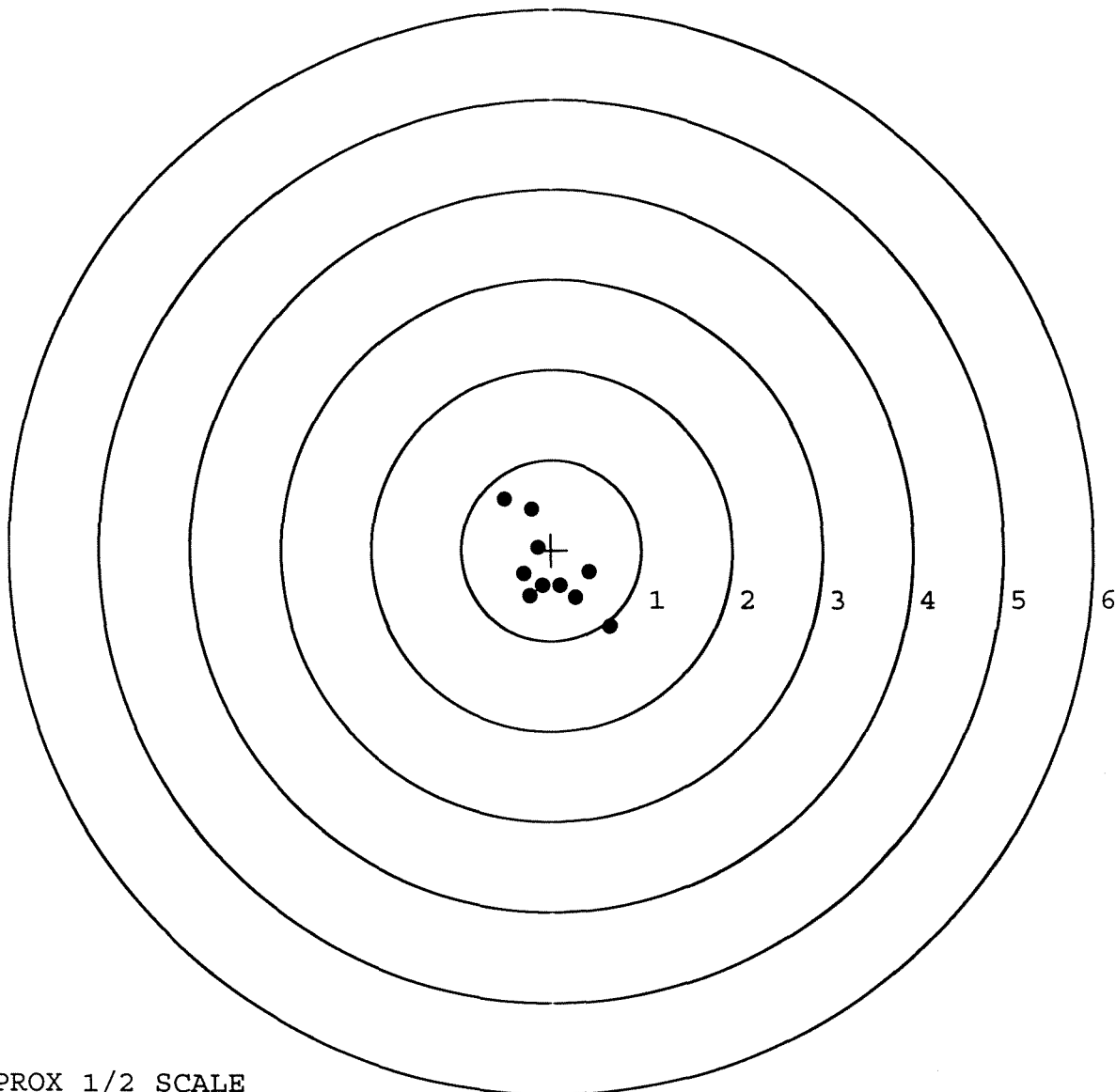


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349028. 0
 TARGET NUMBER: 5
 FILE DATE: 05/28/2008
 FILE TIME: 05:27

X CENTROID: -0.011
 Y CENTROID: -0.212
 POA TO CENTROID: 0.212
 HORZ SPREAD: 1.175
 VERT SPREAD: 1.412
 GROUP SPREAD: 1.837
 MIN RADIUS: 0.204
 MAX RADIUS: 0.937
 MEAN RADIUS: 0.479
 # IN 1 IN DIAMETER: 7
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.649	-0.841
2:	0.426	-0.243
3:	0.268	-0.529
4:	0.099	-0.396
5:	-0.153	0.031
6:	-0.220	0.455
7:	-0.526	0.571
8:	-0.308	-0.261
9:	-0.245	-0.511
10:	-0.103	-0.394



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 00144825

SERIAL NUMBER C6349028

LOG-IN DATE 4-24-08

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		4-28-08	R.P.D.
505	RE-BARREL			
560	ASSEMBLE		4-30-08	TRW
600	PROOF	MAGNA - FLUX	4-30-08	TRW
605	CHECK HEADSPACE	MAY 01 2008	4-30-08	TRW
610	DIS-ASSEMBLE GUN		4-30-08	R.P.D.
612	MAGNAFLUX	OPERATOR <i>unnd</i>	5/1/08	<i>unnd</i>
510	DRILL AND TAP		5-1-08	TRW
615	ROLLMARK CALIBER		5-1-08	CW
618	ROTO-BLAST		5-1-08	JS
620	APPLY COATINGS		5-5-08	LV
625	FINAL ASSEMBLY		5-27-08	RP
640	FUNCTION TEST AND	(PASS) FAIL	5-27-08	SD
650	TARGET	(PASS) FAIL	5-27-08	SD
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	5-27-08	RP
670	FINAL INSPECTION		5/28/08	Fm
	A) HEADSPACE	(PASS) FAIL	5/28/08	Fm
	B) TRIGGER PULL	2.91 2.95 2.94 2.97 2.95	5/28/08	Fm
	F) SAFETY ON FORCE	6 5 5	5/28/08	Fm
	G) SAFETY OFF FORCE	2 2 2	5/28/08	Fm
	I) FIRING PIN INDENT	.022 .024 .024	5/28/08	Fm
690	PACK		5-29-08	Fm

Repair Inquiry

Repair Number: RE00092976

Serial: C6349028 Model: M24 SWS CenterFire
Caliber: 7.62 NATO Produced: 06/18/1990

Repairman:

Status:

Closed 2/11/2005 7:30:33 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: 36201 4199

Country: US

State: AL

Zip Code: 36201 4199

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	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

neglev

2/14/2005

8:11 AM

CAPS

NUM

INS

SCPL

start

5

2

3

Arms Service

Serial
Number:

C6349028

Model: M24 SWS



RE00092976

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349028.___0

FILE DATE AND TIME: 03/28/2005 09:27

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.034
The Average Y Centroid of the Five Target Set:	-0.080
The Average Point of Impact of the Five Target Set:	0.087
The Average Mean Radius of the Five Target Set:	0.767
The Distance from POA to Centroid Target #1:	0.125
The Distance from Centroid Target #2 to Centroid Target #1:	0.061
The Distance from Centroid Target #3 to Centroid Target #1:	0.209
The Distance from Centroid Target #4 to Centroid Target #1:	0.204
The Distance from Centroid Target #5 to Centroid Target #1:	0.078

SERIAL NUMBER: C6349028. __0

TARGET NUMBER: 1

FILE DATE: 03/28/2005

FILE TIME: 09:27

X CENTROID: 0.090

Y CENTROID: -0.087

POA TO CENTROID: 0.125

HORZ SPREAD: 1.402

VERT SPREAD: 2.194

GROUP SPREAD: 2.433

MIN RADIUS: 0.087

MAX RADIUS: 1.294

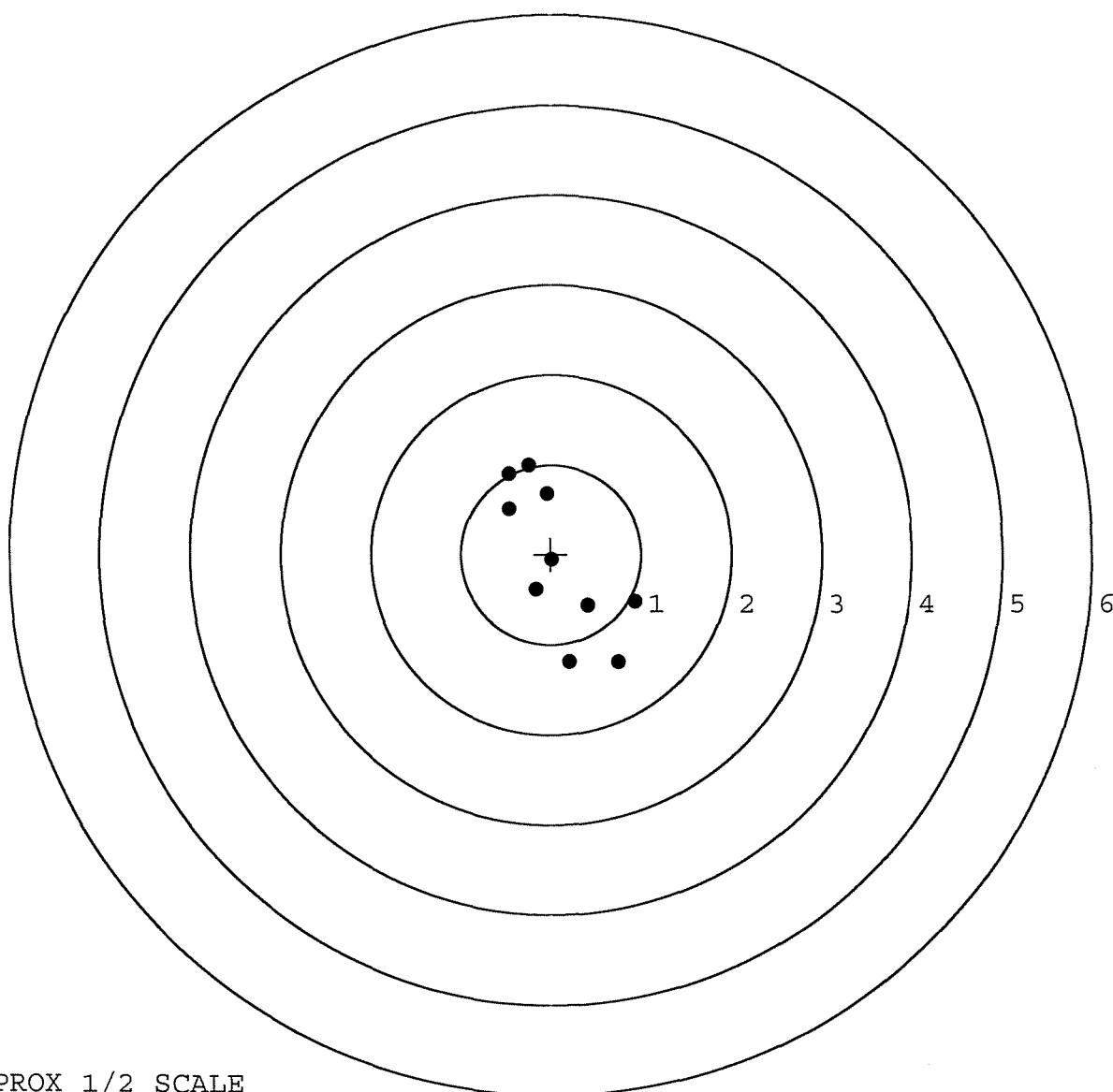
MEAN RADIUS: 0.831

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.932	-0.531
2:	0.752	-1.199
3:	0.411	-0.573
4:	0.212	-1.195
5:	-0.173	-0.398
6:	0.007	-0.060
7:	-0.051	0.677
8:	-0.470	0.513
9:	-0.248	0.995
10:	-0.469	0.905



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349028. __0

TARGET NUMBER: 2

FILE DATE: 03/28/2005

FILE TIME: 09:27

POINT#	X	Y
1:	0.732	-0.259
2:	0.498	-0.239
3:	0.570	-0.786
4:	-0.100	-0.633
5:	-0.941	-0.688
6:	0.401	0.725
7:	-0.168	0.677
8:	-0.453	0.317
9:	-0.995	0.408
10:	1.784	-0.832

X CENTROID: 0.133

Y CENTROID: -0.131

POA TO CENTROID: 0.187

HORZ SPREAD: 2.779

VERT SPREAD: 1.557

GROUP SPREAD: 3.043

MIN RADIUS: 0.381

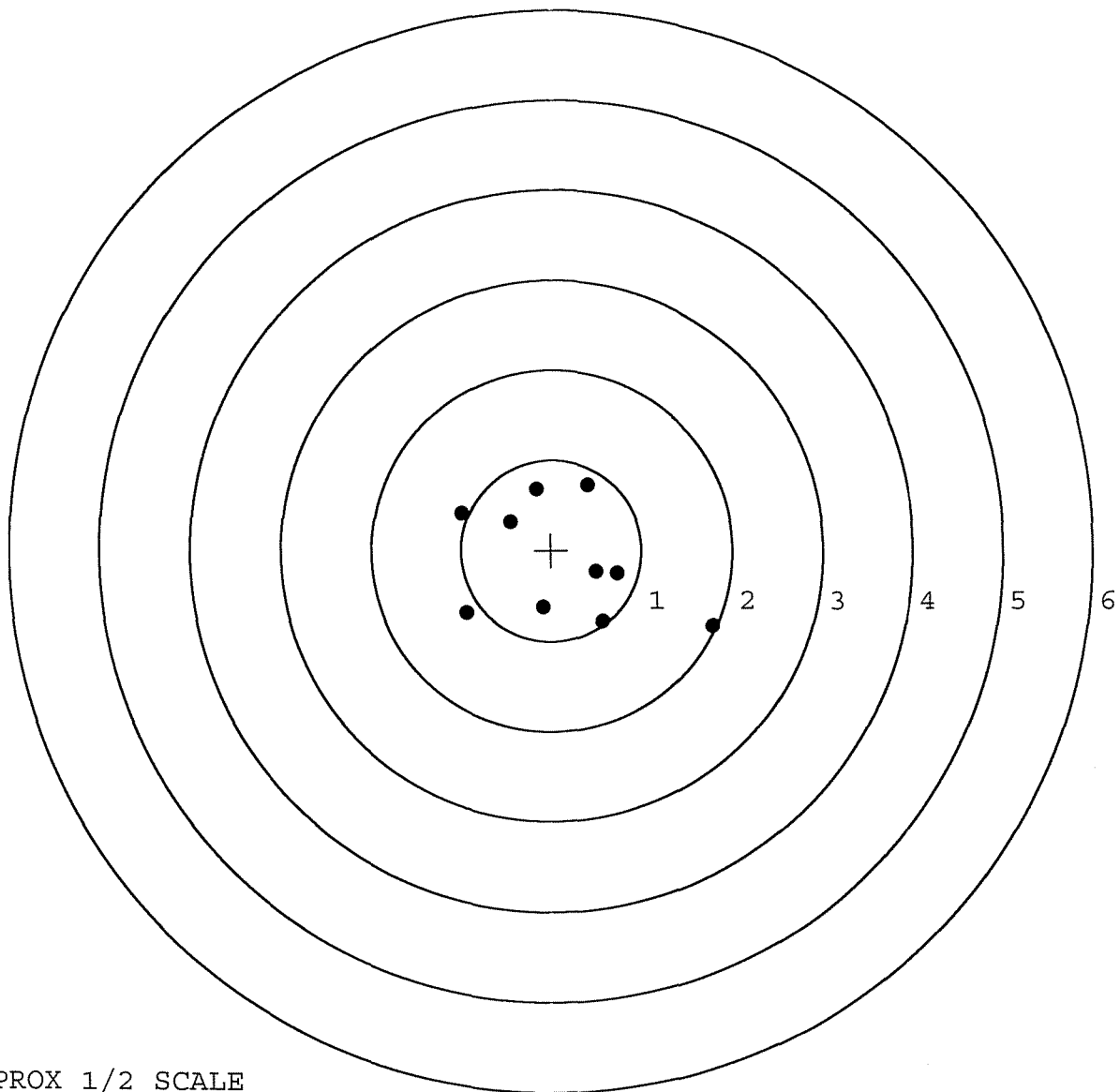
MAX RADIUS: 1.794

MEAN RADIUS: 0.908

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

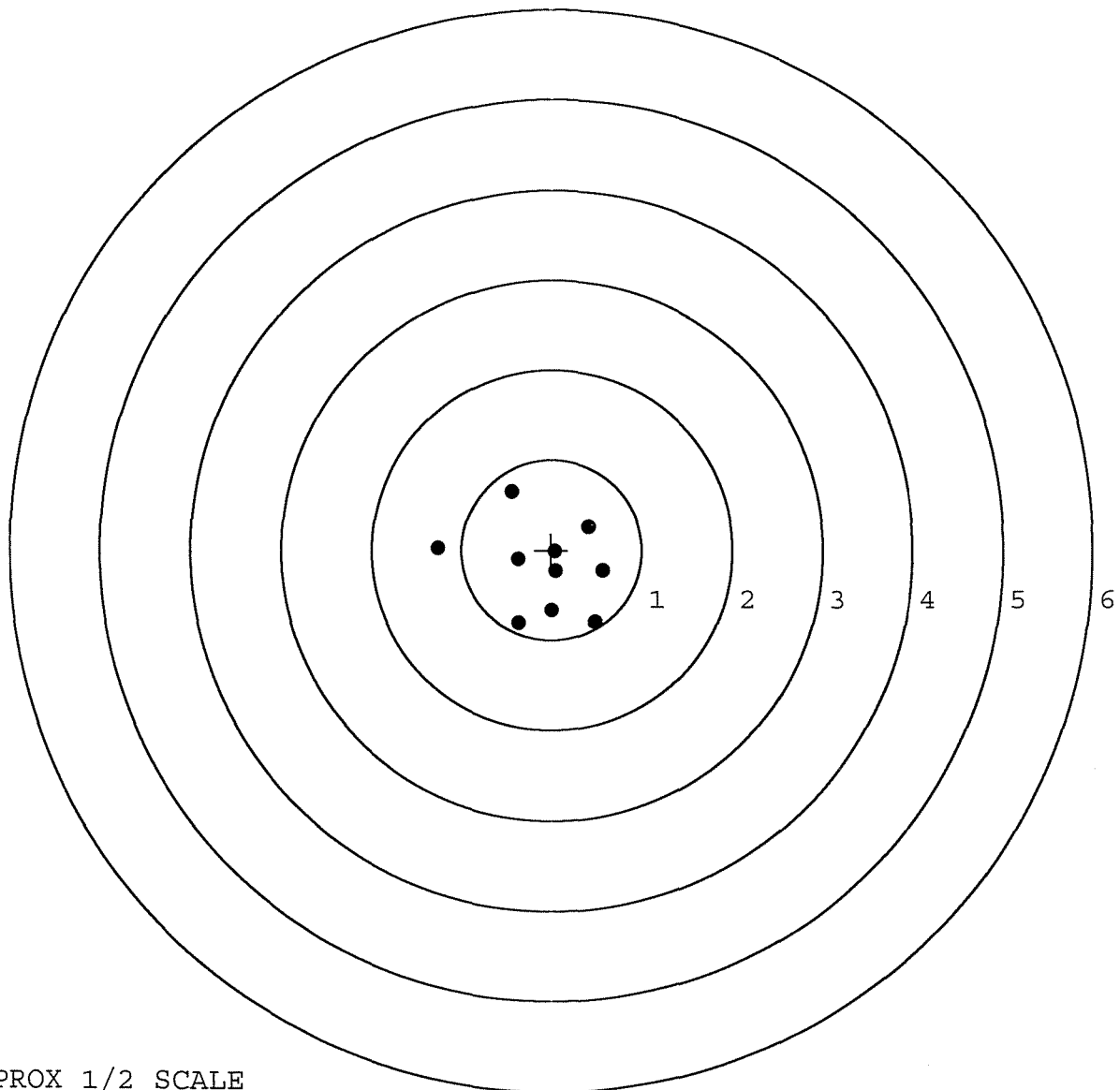


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349028. __0
 TARGET NUMBER: 3
 FILE DATE: 03/28/2005
 FILE TIME: 09:27

POINT#	X	Y
1:	0.483	-0.803
2:	-0.006	-0.678
3:	-0.370	-0.819
4:	0.567	-0.228
5:	0.053	-0.239
6:	0.042	-0.016
7:	0.419	0.262
8:	-0.368	-0.103
9:	-1.263	0.030
10:	-0.442	0.651

X CENTROID: -0.088
 Y CENTROID: -0.194
 POA TO CENTROID: 0.214
 HORZ SPREAD: 1.830
 VERT SPREAD: 1.470
 GROUP SPREAD: 1.935
 MIN RADIUS: 0.148
 MAX RADIUS: 1.196
 MEAN RADIUS: 0.613
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

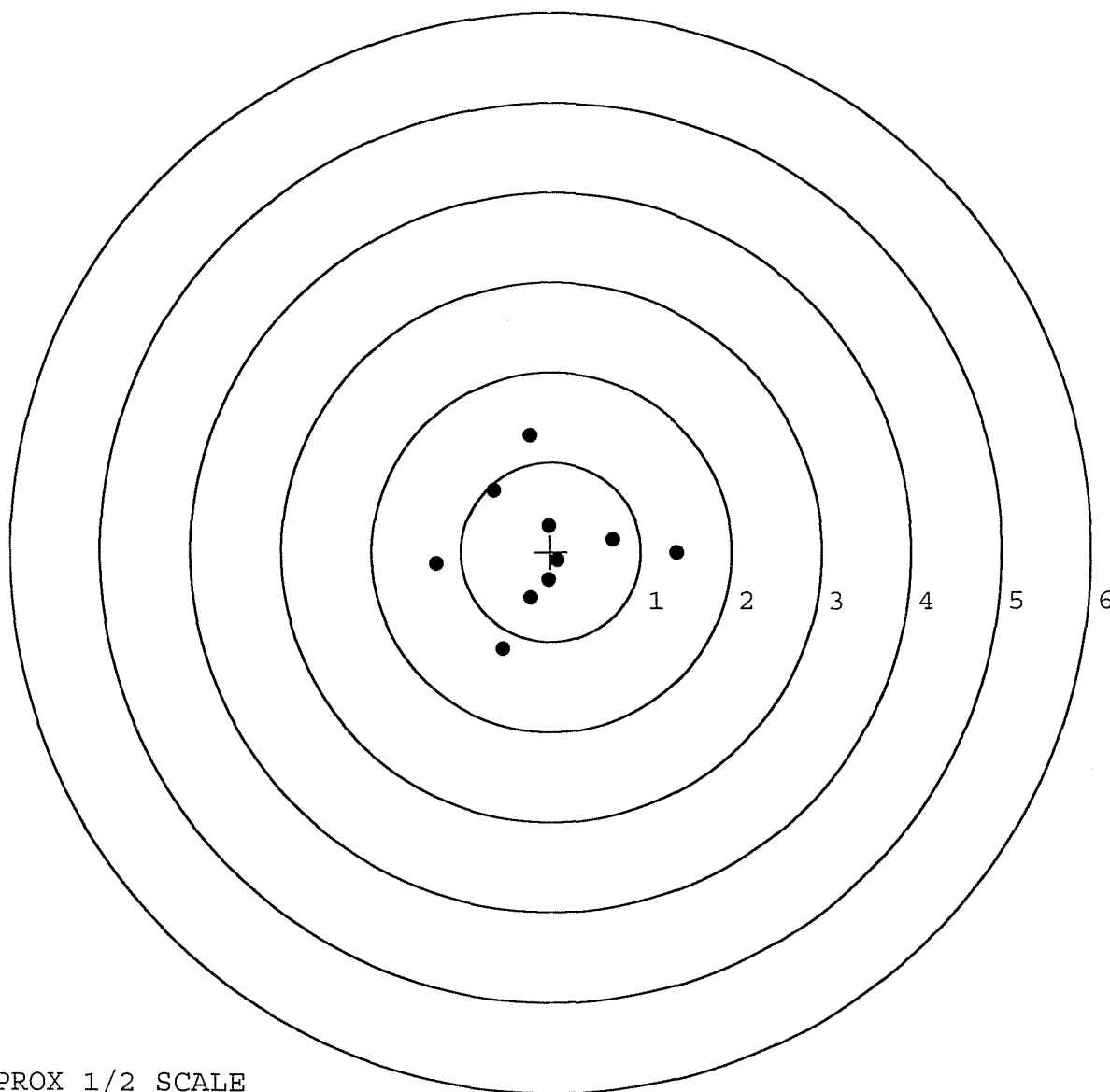


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349028. __0
 TARGET NUMBER: 4
 FILE DATE: 03/28/2005
 FILE TIME: 09:27

X CENTROID: -0.080
 Y CENTROID: 0.026
 POA TO CENTROID: 0.084
 HORZ SPREAD: 2.678
 VERT SPREAD: 2.380
 GROUP SPREAD: 2.681
 MIN RADIUS: 0.197
 MAX RADIUS: 1.480
 MEAN RADIUS: 0.818
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.400	-0.009
2:	0.690	0.135
3:	-0.538	-1.082
4:	-1.278	-0.129
5:	-0.638	0.687
6:	-0.227	1.298
7:	-0.024	0.288
8:	0.076	-0.094
9:	-0.029	-0.316
10:	-0.232	-0.514



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349028. __0

TARGET NUMBER: 5

FILE DATE: 03/28/2005

FILE TIME: 09:27

X CENTROID: 0.117

Y CENTROID: -0.013

POA TO CENTROID: 0.118

HORZ SPREAD: 1.642

VERT SPREAD: 1.992

GROUP SPREAD: 2.035

MIN RADIUS: 0.279

MAX RADIUS: 1.429

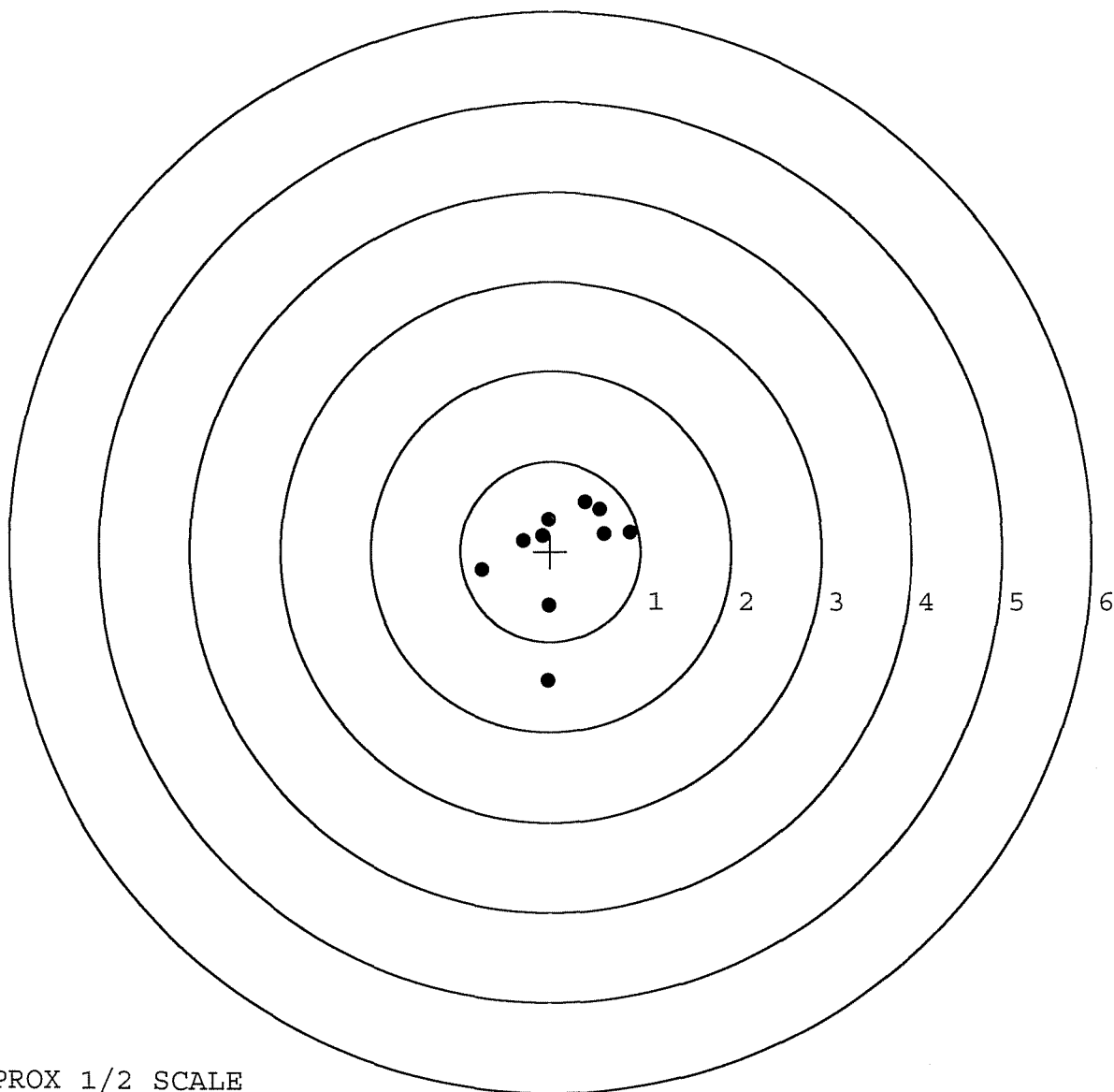
MEAN RADIUS: 0.666

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.031	-1.434
2:	-0.026	-0.605
3:	-0.760	-0.201
4:	0.882	0.214
5:	0.596	0.206
6:	0.545	0.474
7:	0.385	0.558
8:	-0.027	0.358
9:	-0.089	0.175
10:	-0.303	0.124



TARGET APPROX 1/2 SCALE

R & E NUMBER	92976		
SERIAL NUMBER	C6349028		
LOG-IN DATE	2-11-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-18-05	RTZ
560 A	RE-BARREL	2-22-05	RTZ
B	DRILL AND TAP	2-28-05	TRW
575	ASSEMBLE	2-23-05	RTZ
600	PROOF	2-24-05	AC
605	CHECK HEADSPACE	2-24-05	AC
610	DIS-ASSEMBLE GUN	2-24-05	RTZ
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	3-1-05	CW
618	ROTO-BLAST	3-3-05	LR
620	APPLY COATINGS	3/16/05	HP
625 A	FINAL ASSEMBLY	3-24-05	RTZ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	4-26-05	AC
D	SAFETY "OFF" FORCE	4-26-05	AC
E	FIRING PIN INDENT	4-26-05	AC
640	TARGET	3-28-05	TRW
655	FINAL INSPECT	4-26-05	AC
660	PACK	4-27-05	RTZ
		SHIP DATE	
QAR INSPECTION DATE			

Remington® **Remington** **REMINGTON**
REG. U.S. PAT. & TM. OFF.

MODEL 700™ M24

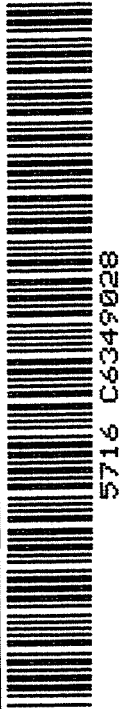
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

SERIAL NO.
C6349028

ORDER NO.
5716

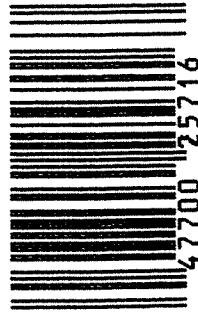
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

Ø1



5716 C6349028

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349028

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	4 12 90	RW
600	Proof		4 12 90	A
607	Check Headspace		4 12 90	A
610	Dis-assemble Gun		4 12 90	RW
612	Magnaflux Barrel Action		4-19-90	KCR
	Magnaflux Bolt		4-19-90	KCR
615	Rollmark Caliber		4-19-90	SL
617	Drill and Tap Sight Holes		4/23/90	FAB
618	Polish Barrel RB		4/24/90	WB
620	Apply Coatings (Barrel Action)		4-28-90	TH
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		5/1/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/1/90	RW
	C) Inspect Ejector Hole for Chamfer		5/1/90	RW
	D) Oil Firing Pin Ass'y		5/1/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/15/90	JL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			5/15/90	98/
	G) Safety Off Force	2	2	2			5/15/90	98/
	H) Trigger Pull Test & Retainability						5/15/90	98/
	I) Firing Pin Indent	.024	.024	.024			5/15/90	98/
	J) Assemble Stock						5/18/90	RW
	K) Assemble Swivel Studs						24 May 90	98/
	L) Attach Front and Rear Sight Assemblies						5/18/90	RW
	M) Iron Sight Alignment						5/18/90	RW
	N) Detach Front & Rear Sights & place in numbered container						5/18/90	RW
	O) Attach Scope to Rifle						5/18/90	WB
	P) Detach & Attach Scope 20 Times						5/18/90	WB
640	Gallery Target & Test						5-18-90	AC
	A) Time						5-18-90	AC
	B) Malfunctions						5-18-90	AC
	C) Pierced Primers						5-18-90	AC
	D) Optical Clarity of Scope						5-18-90	AC
645	Inspect for Live Ammo						5-18-90	AC
655	Final Inspection							
	A) Headspace						24 May 90	98/
	B) Trigger Pull	267	263	270	270	284	24 May 90	98/
	C) Function						24 May 90	98/
660	Pack						6-19-90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6349028DATE 5/15/90TESTER gpl

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.49	2.50	2.67	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.37	2.35	2.63	
PULL #3	2.53	2.34	2.30	2.70	
PULL #4	2.51	2.30	2.36	2.70	
PULL #5	2.43	2.36	2.51	2.86	
TOTAL	12.45	11.81	12.02		
AVG.	2.49	2.362	2.404		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.37		
PULL #2	3.34	3.34		
PULL #3	3.32	3.35		
PULL #4	3.34	3.32		
PULL #5	3.35	3.30		
TOTAL	16.64	16.68		
AVG.	3.328	3.336		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.50	4.39		4.26
PULL #2	4.47	4.31		4.34
PULL #3	4.49	4.26		4.20
PULL #4	4.46	4.07		4.31
PULL #5	4.36	4.25		4.26
TOTAL	22.28	21.29		21.37
AVG.	4.456	4.258		4.274

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349028
18 May 1990

CENTROIDAL DISTANCES

0 TO	1	.229863
1 TO	2	.432977
1 TO	3	.334822
1 TO	4	.818257
1 TO	5	.321753

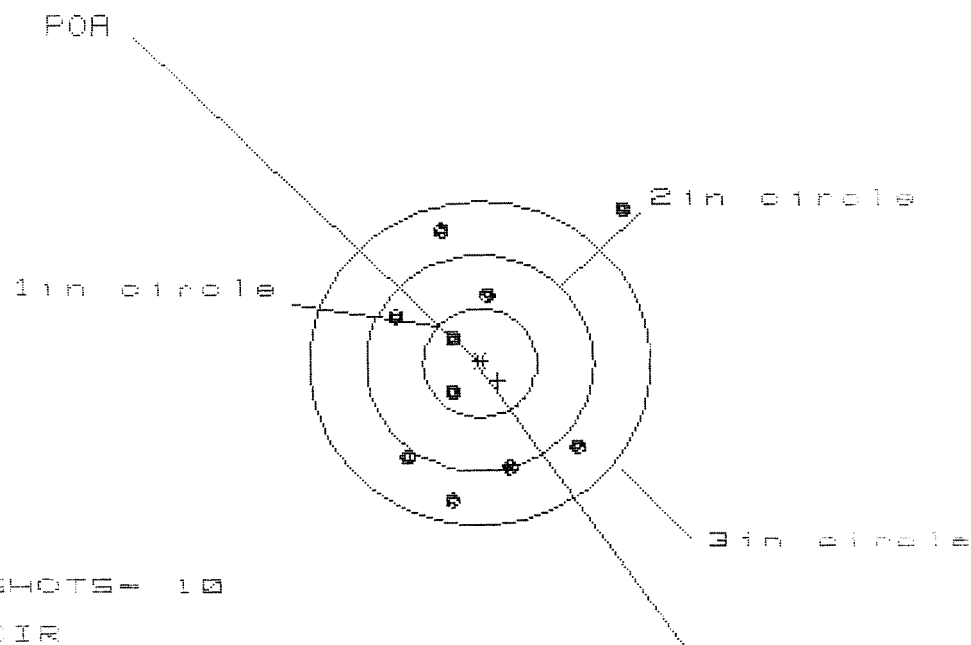
104 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .19
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .022
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .191269
THE AMR FOR THIS RIFLE IS: .9192

18 May 1998

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CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 9

RS= 1.951

MS= 2.672

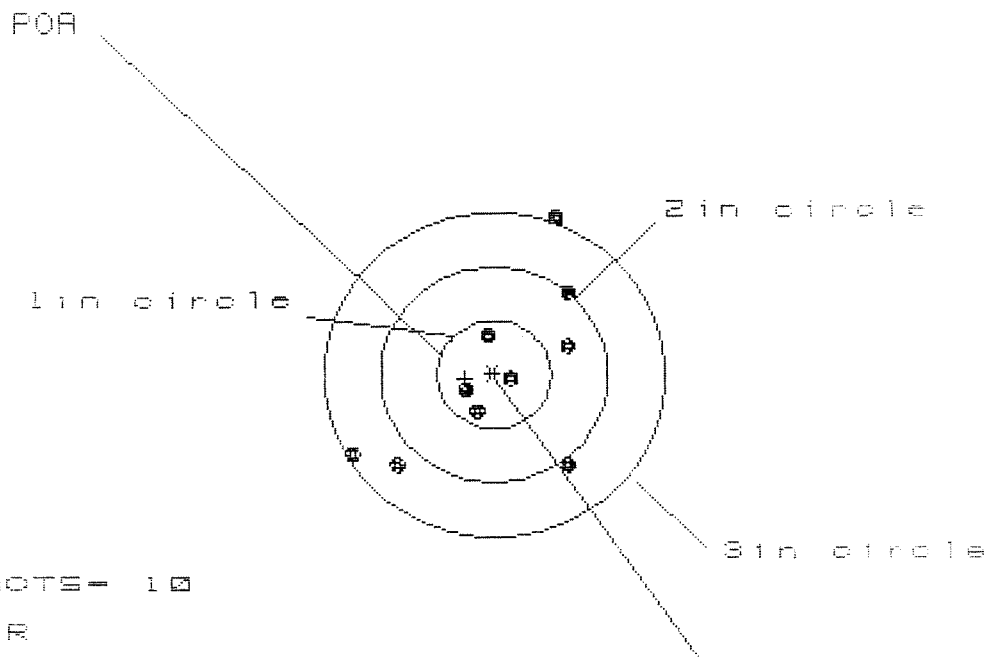
GS= 3.046

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.242	.977	.951
MINIMUM X	:	-.720	-.582	-.608
MAXIMUM Y	:	1.442	1.428	.953
MINIMUM Y	:	-1.230	-1.070	-.892
CENTROID X	:	-.159	-.297	-.271
CENTROID Y	:	.166	.006	-.172
POA TO CENTROID in.	:	.230	.298	.321
MIN RADIUS	:	.346	.141	.192
MEAN RADIUS	:	.990	.857	.781
MAX RADIUS	:	1.903	1.444	1.027
HORIZONTAL SPREAD	:	1.961	1.559	1.559
VERTICAL SPREAD	:	2.672	2.498	1.845
EXTREME SPREAD	:	3.046	2.501	1.957
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 4

2in = 5

3in = 8

HS = 1.972

VS = 2.307

GS = 2.780

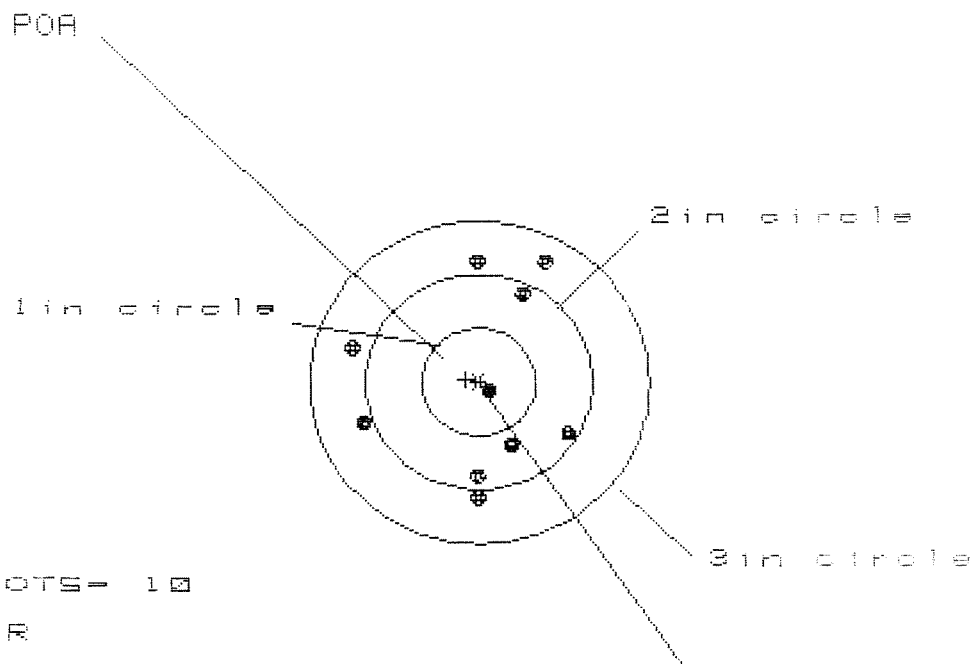
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.687	.743	.589
MINIMUM X	:	-1.285	-1.229	-.979
MAXIMUM Y	:	1.433	.907	.841
MINIMUM Y	:	-.874	-.715	-.781
CENTROID X	:	.254	.198	.352
CENTROID Y	:	.036	-.123	-.057
POA TO CENTROID in.	:	.257	.233	.356
MIN RADIUS	:	.172	.150	.085
MEAN RADIUS	:	.811	.723	.631
MAX RADIUS	:	1.520	1.340	1.252
HORIZONTAL SPREAD	:	1.972	1.972	1.568
VERTICAL SPREAD	:	2.307	1.622	1.622
EXTREME SPREAD	:	2.780	2.442	2.256
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS= 1.887

VS= 2.273

GS= 2.334

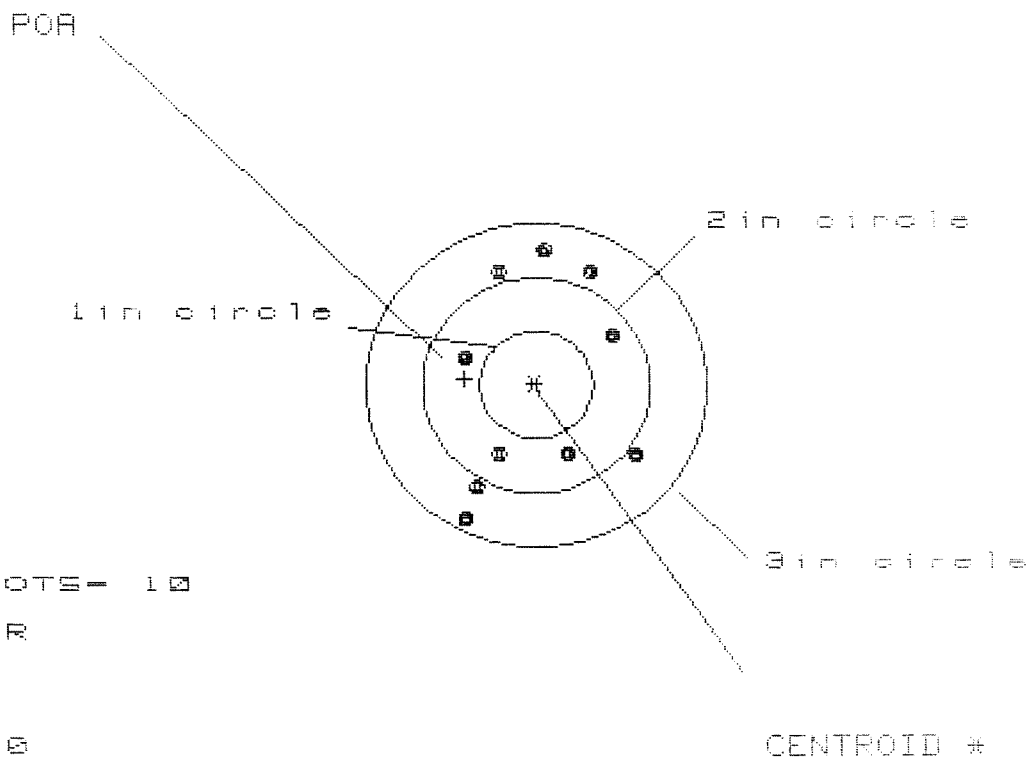
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.768	.831	.699
MINIMUM X	:	-1.119	-1.056	-1.115
MAXIMUM Y	:	1.170	1.294	1.354
MINIMUM Y	:	-1.103	-.973	-.913
CENTROID X	:	.116	.053	.185
CENTROID Y	:	-.025	-.155	-.215
POA TO CENTROID in.	:	.118	.164	.284
MIN RADIUS	:	.145	.197	.130
MEAN RADIUS	:	.939	.885	.816
MAX RADIUS	:	1.300	1.295	1.358
HORIZONTAL SPREAD	:	1.887	1.887	1.814
VERTICAL SPREAD	:	2.273	2.267	2.267
EXTREME SPREAD	:	2.334	2.268	2.268
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 4

3 in = 10

HS = 1.561

VS = 2.497

GS = 2.605

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.888	.813	.813
MINIMUM X	:	-.673	-.685	-.685
MAXIMUM Y	:	1.253	1.114	1.075
MINIMUM Y	:	-1.244	-1.095	-.955
CENTROID X	:	.628	.703	.703
CENTROID Y	:	-.058	.081	-.059
POA TO CENTROID in.	:	.631	.707	.706
MIN RADIUS	:	.667	.697	.676
MEAN RADIUS	:	1.006	.954	.922
MAX RADIUS	:	1.415	1.228	1.130
HORIZONTAL SPREAD	:	1.561	1.498	1.498
VERTICAL SPREAD	:	2.497	2.209	2.030
EXTREME SPREAD	:	2.605	2.277	2.223
NUMBER IN ONE INCH CIRCLE =			0	
NUMBER IN TWO INCH CIRCLE =			4	
NUMBER IN THREE INCH CIRCLE =			10	

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CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 1

2 in = 7

3 in = 10

HS = 1.918

VS = 1.846

GS = 2.308

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.929	.819	.920
MINIMUM X	:	-.989	-.890	-.789
MAXIMUM Y	:	.878	.800	.864
MINIMUM Y	:	-.968	-1.046	-.982
CENTROID X	:	.111	.221	.120
CENTROID Y	:	-.009	.069	.005
POA TO CENTROID in.	:	.112	.232	.120
MIN RADIUS	:	.144	.244	.147
MEAN RADIUS	:	.850	.804	.774
MAX RADIUS	:	1.214	1.125	1.031
HORIZONTAL SPREAD	:	1.918	1.709	1.709
VERTICAL SPREAD	:	1.846	1.846	1.846
EXTREME SPREAD	:	2.308	1.984	1.854
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	