

C6225555

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

* 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: RE00146512

Serial: C6225555 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 6/17/2008 9:53:20 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: DEF DIST DEPOT

DEF DIST DEPOT

Address 1: 7 FRANKFORD AVE BLDG 362

7 FRANKFORD AVE BLDG 362

Address 2: PO Box:

PO Box:

City: ANNISTON

ANNISTON

State: AL Zip Code: 36201

Country: US

State: AL Zip Code: 36201

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
A007	With Stud	3
A008	With Swivel	2
A009	Soft Case	1
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

naglej

6/17/2008

10:51 AM

CAPS

NUM

INS

SCRL



Number: C6225555

Model: M24 SWS



RE00146512

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R & E NUMBER

146572

SERIAL NUMBER

C6225555

LOG-IN DATE

6-17-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	7-14-09	RT
505	RE-BARREL	7-16-09	RT
420	ASSEMBLE	7-16-09	RT
440	PROOF	7-16-09	RP
460	CHECK HEADSPACE	7-16-09	RP
470	DIS-ASSEMBLE GUN	7-16-09	RP
480	MAGNAFLUX	7-18-09	RP
510	DRILL AND TAP	7-17-09	SP
500	ROLLMARK CALIBER	7-21-09	DWD
520	GOFF BLAST BBL / REC	7-21-09	RP
530 & 540	APPLY COATINGS	7-21-09	RP
560	FINAL ASSEMBLY	7-30-09	RT
640	FUNCTION TEST AND	8-5-09	RP
650	TARGET	8-5-09	RP
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	8-17-09	RP
	A) HEADSPACE	8-17-09	RP
	B) TRIGGER PULL	243 240 239 235 241 8-7-09	RP
680	F) SAFETY ON FORCE	2.2 2.2 2.2 8-17-09	RP
	G) SAFETY OFF FORCE	4.0 4.0 4.0 8-17-09	RP
	I) FIRING PIN INDENT	.025 .025 .025 8-17-09	RP
690	PACK	9-16-09	RP

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225555.___0
FILE DATE AND TIME: 08/07/2009 07:30

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.013
The Average Y Centroid of the Five Target Set:	0.110
The Average Point of Impact of the Five Target Set:	0.111
The Average Mean Radius of the Five Target Set:	0.617
The Distance from POA to Centroid Target #1:	0.316
The Distance from Centroid Target #2 to Centroid Target #1:	0.148
The Distance from Centroid Target #3 to Centroid Target #1:	0.419
The Distance from Centroid Target #4 to Centroid Target #1:	0.275
The Distance from Centroid Target #5 to Centroid Target #1:	0.191

BARBER - M24 0051354

SERIAL NUMBER: C6225555. __0

TARGET NUMBER: 1

FILE DATE: 08/07/2009

FILE TIME: 07:30

X CENTROID: -0.006

Y CENTROID: 0.316

POA TO CENTROID: 0.316

HORZ SPREAD: 1.150

VERT SPREAD: 2.224

GROUP SPREAD: 2.224

MIN RADIUS: 0.070

MAX RADIUS: 1.546

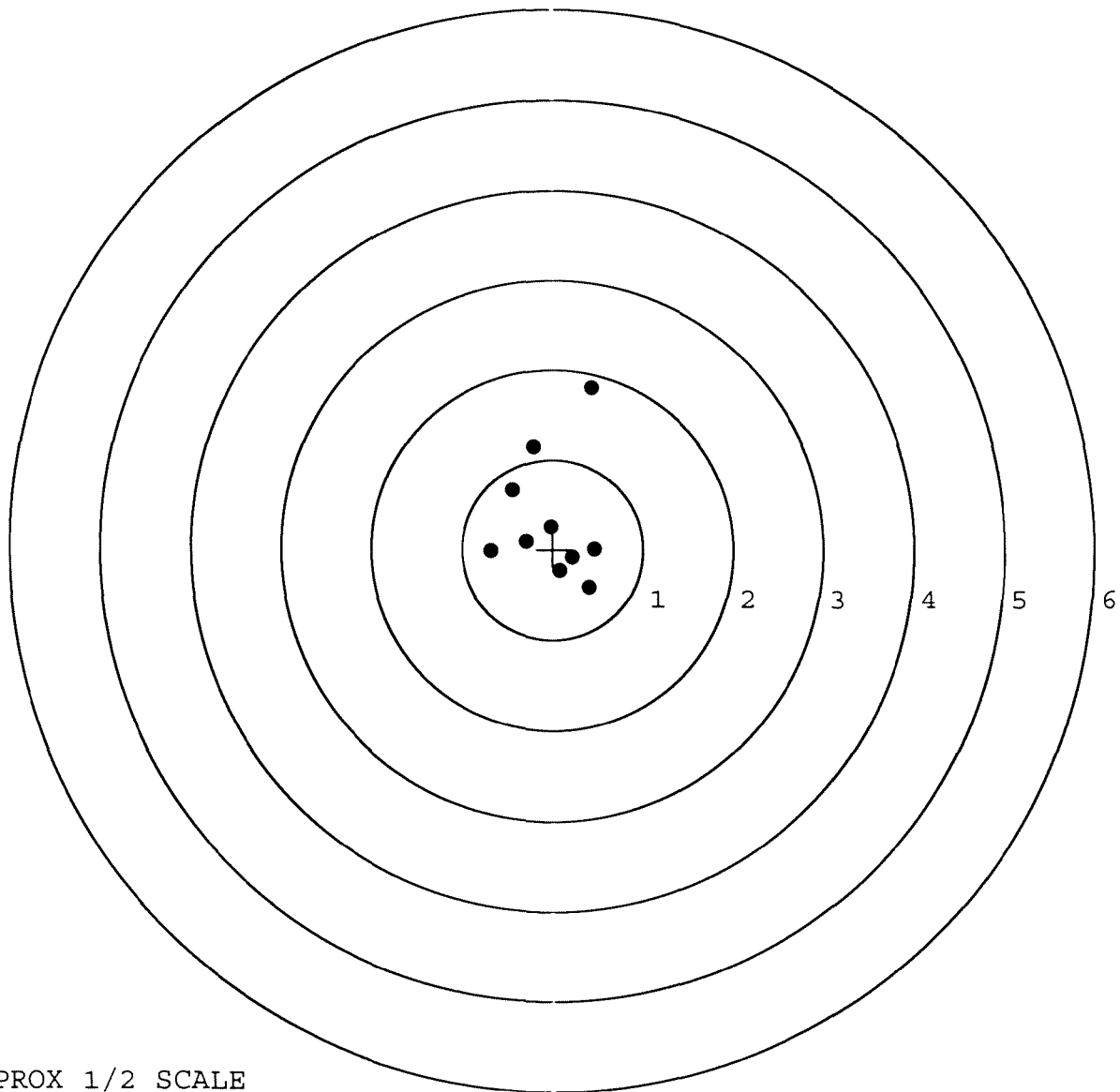
MEAN RADIUS: 0.659

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.434	1.798
2:	-0.210	1.144
3:	-0.446	0.656
4:	-0.684	-0.023
5:	-0.298	0.091
6:	-0.022	0.248
7:	0.466	-0.002
8:	0.219	-0.089
9:	0.080	-0.238
10:	0.402	-0.426



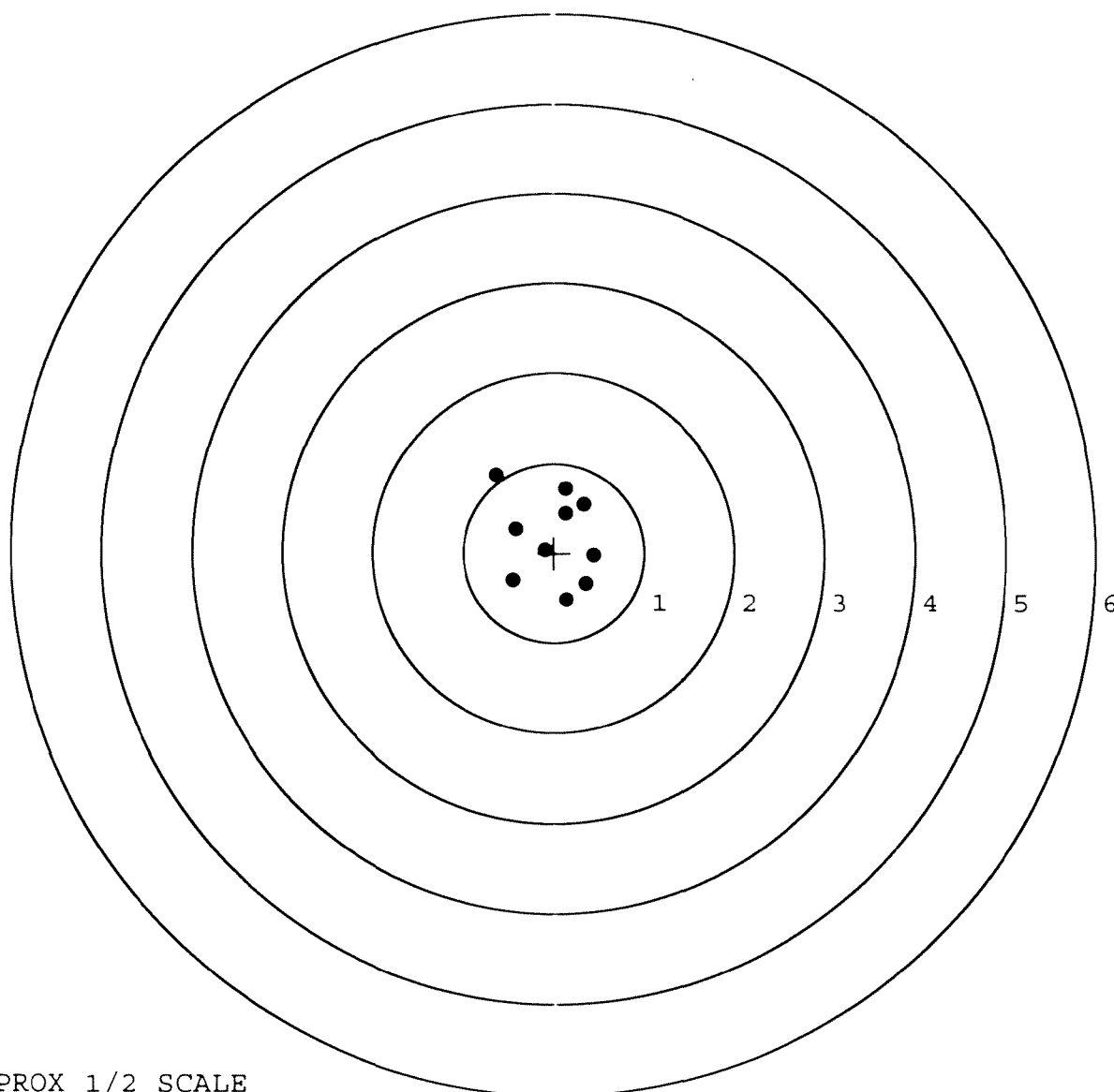
TARGET APPROX 1/2 SCALE

BARBER - M24 0051355

SERIAL NUMBER: C6225555. __0
TARGET NUMBER: 2
FILE DATE: 08/07/2009
FILE TIME: 07:30

X CENTROID: -0.008
Y CENTROID: 0.168
POA TO CENTROID: 0.168
HORZ SPREAD: 1.076
VERT SPREAD: 1.393
GROUP SPREAD: 1.592
MIN RADIUS: 0.165
MAX RADIUS: 0.941
MEAN RADIUS: 0.539
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.634	0.870
2:	-0.420	0.270
3:	-0.106	0.035
4:	-0.456	-0.304
5:	0.127	0.718
6:	0.137	-0.523
7:	0.358	-0.346
8:	0.442	-0.029
9:	0.338	0.545
10:	0.131	0.442



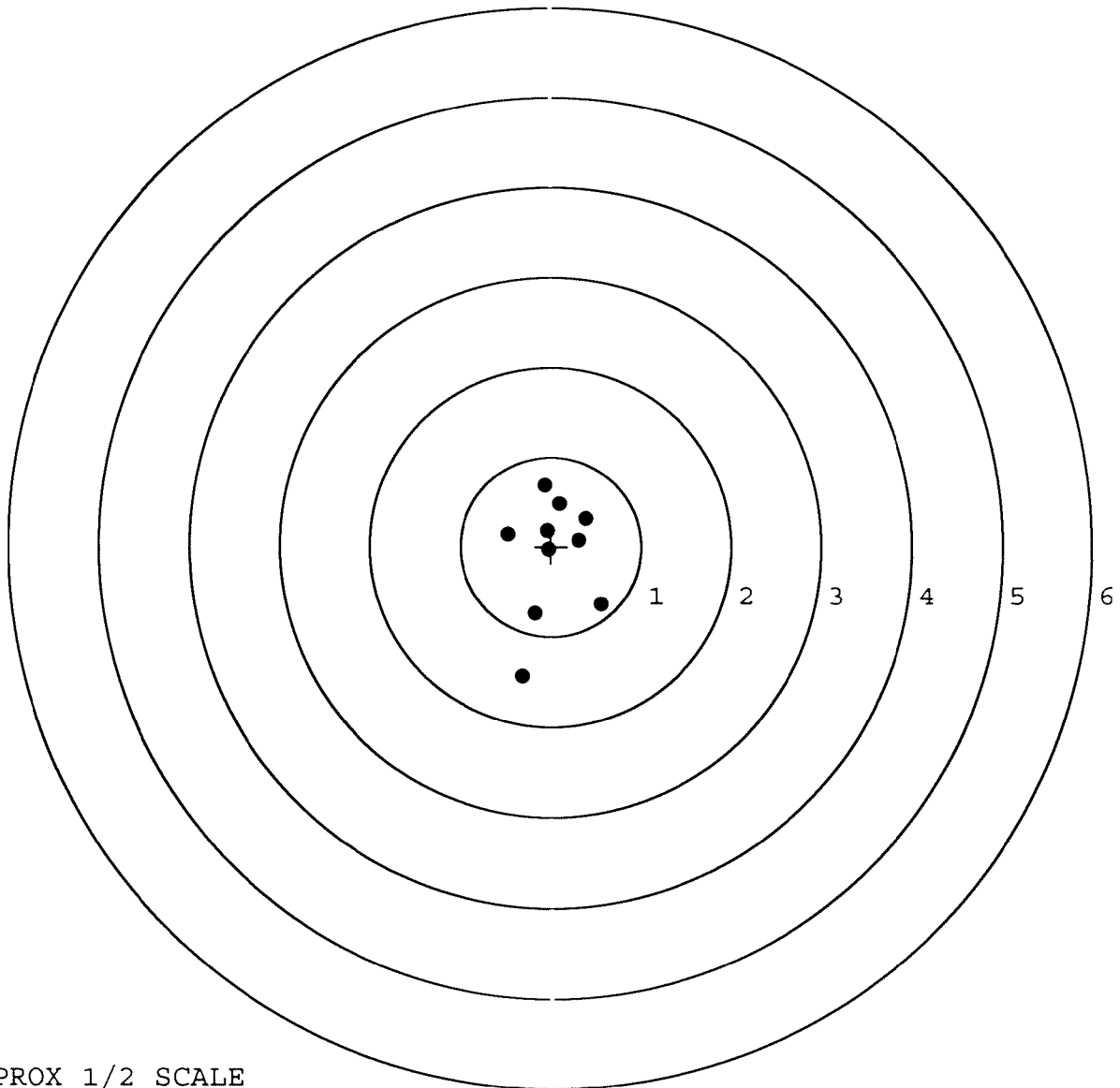
TARGET APPROX 1/2 SCALE

BARBER - M24 0051356

SERIAL NUMBER: C6225555. __0
TARGET NUMBER: 3
FILE DATE: 08/07/2009
FILE TIME: 07:30

X CENTROID: 0.022
Y CENTROID: -0.102
POA TO CENTROID: 0.105
HORZ SPREAD: 1.034
VERT SPREAD: 2.124
GROUP SPREAD: 2.139
MIN RADIUS: 0.084
MAX RADIUS: 1.382
MEAN RADIUS: 0.602
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.326	-1.440
2:	-0.185	-0.753
3:	0.560	-0.650
4:	-0.032	-0.038
5:	-0.474	0.135
6:	-0.043	0.177
7:	0.311	0.072
8:	0.391	0.313
9:	0.094	0.478
10:	-0.071	0.684



TARGET APPROX 1/2 SCALE

BARBER - M24 0051357

SERIAL NUMBER: C6225555. __0

TARGET NUMBER: 4

FILE DATE: 08/07/2009

FILE TIME: 07:30

X CENTROID: -0.033

Y CENTROID: 0.042

POA TO CENTROID: 0.053

HORZ SPREAD: 1.514

VERT SPREAD: 1.555

GROUP SPREAD: 1.994

MIN RADIUS: 0.177

MAX RADIUS: 1.076

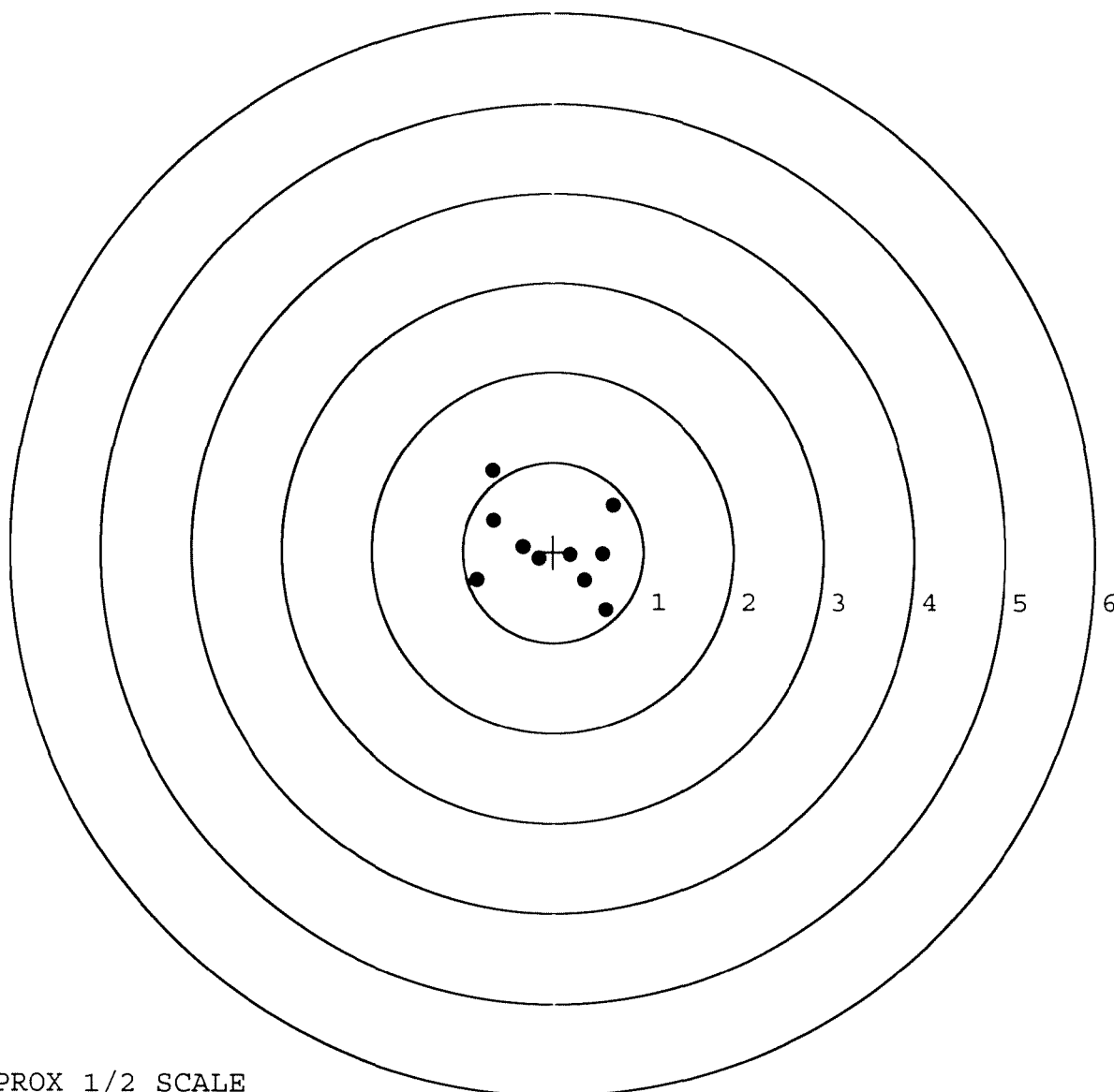
MEAN RADIUS: 0.625

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.665	0.912
2:	0.669	0.518
3:	0.584	-0.643
4:	-0.845	-0.307
5:	0.553	-0.032
6:	0.347	-0.319
7:	0.188	-0.036
8:	-0.163	-0.077
9:	-0.339	0.057
10:	-0.654	0.348



TARGET APPROX 1/2 SCALE

BARBER - M24 0051358

SERIAL NUMBER: C6225555. __0

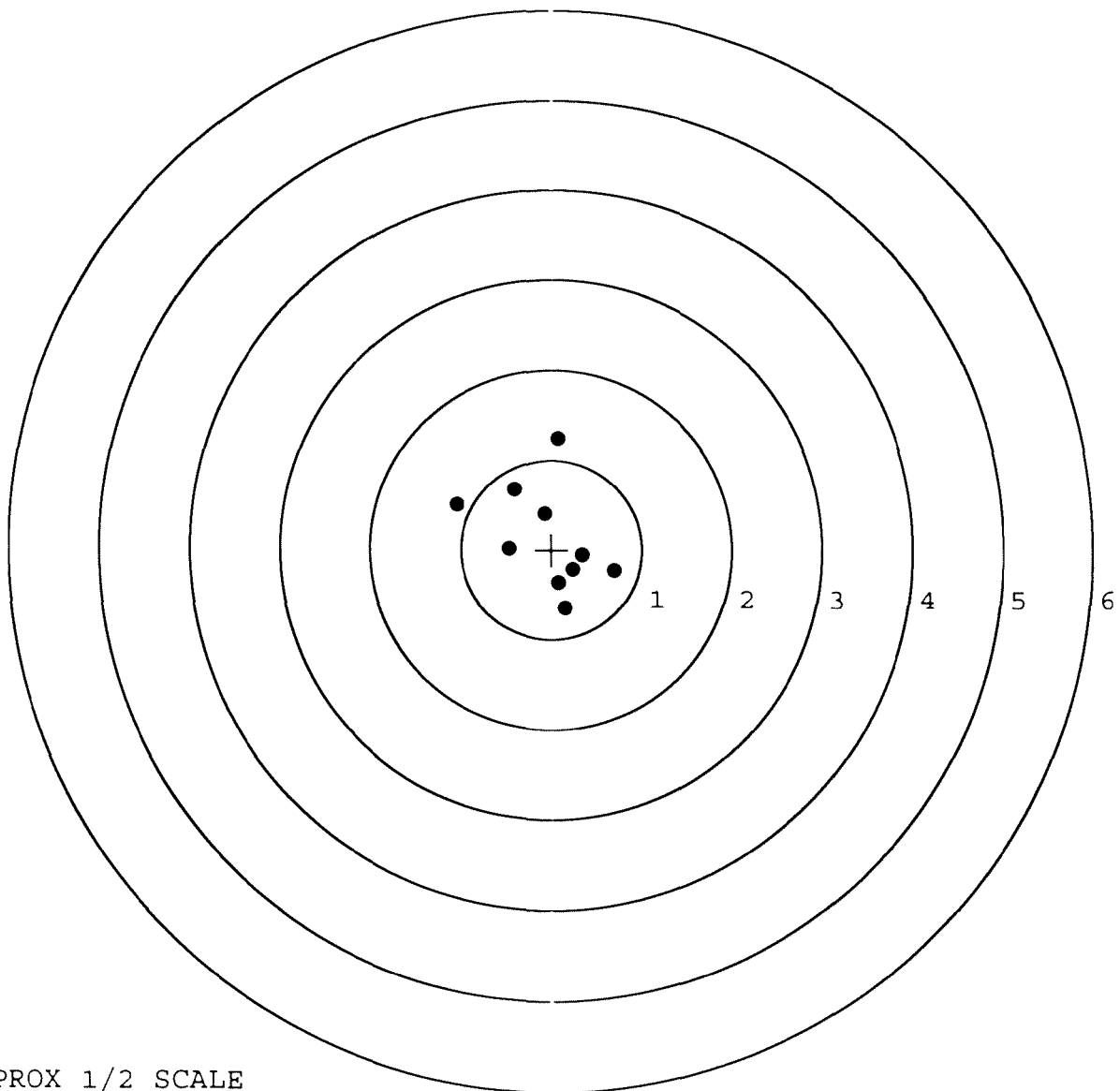
TARGET NUMBER: 5

FILE DATE: 08/07/2009

FILE TIME: 07:30

X CENTROID: -0.042
Y CENTROID: 0.128
POA TO CENTROID: 0.135
HORZ SPREAD: 1.742
VERT SPREAD: 1.891
GROUP SPREAD: 1.893
MIN RADIUS: 0.276
MAX RADIUS: 1.115
MEAN RADIUS: 0.658
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.070	1.237
2:	-1.046	0.503
3:	-0.408	0.673
4:	-0.076	0.402
5:	-0.469	0.009
6:	0.696	-0.238
7:	0.345	-0.061
8:	0.156	-0.654
9:	0.234	-0.221
10:	0.074	-0.370



TARGET APPROX 1/2 SCALE

BARBER - M24 0051359

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: RE00092686 Serial: C6225555 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 2/8/2005 7:42:33 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: 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	Fit and Rear Sgt Base	1

Repair Search Refresh Close

maglet 2/8/2005 9:44 AM CAPS NUM INS SCPL

start 3 Arms Services R 4

Serial Number: C6225555

Model: M24 SWS

RE00092686

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0051359

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225555.___0
FILE DATE AND TIME: 03/14/2005 09:36

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

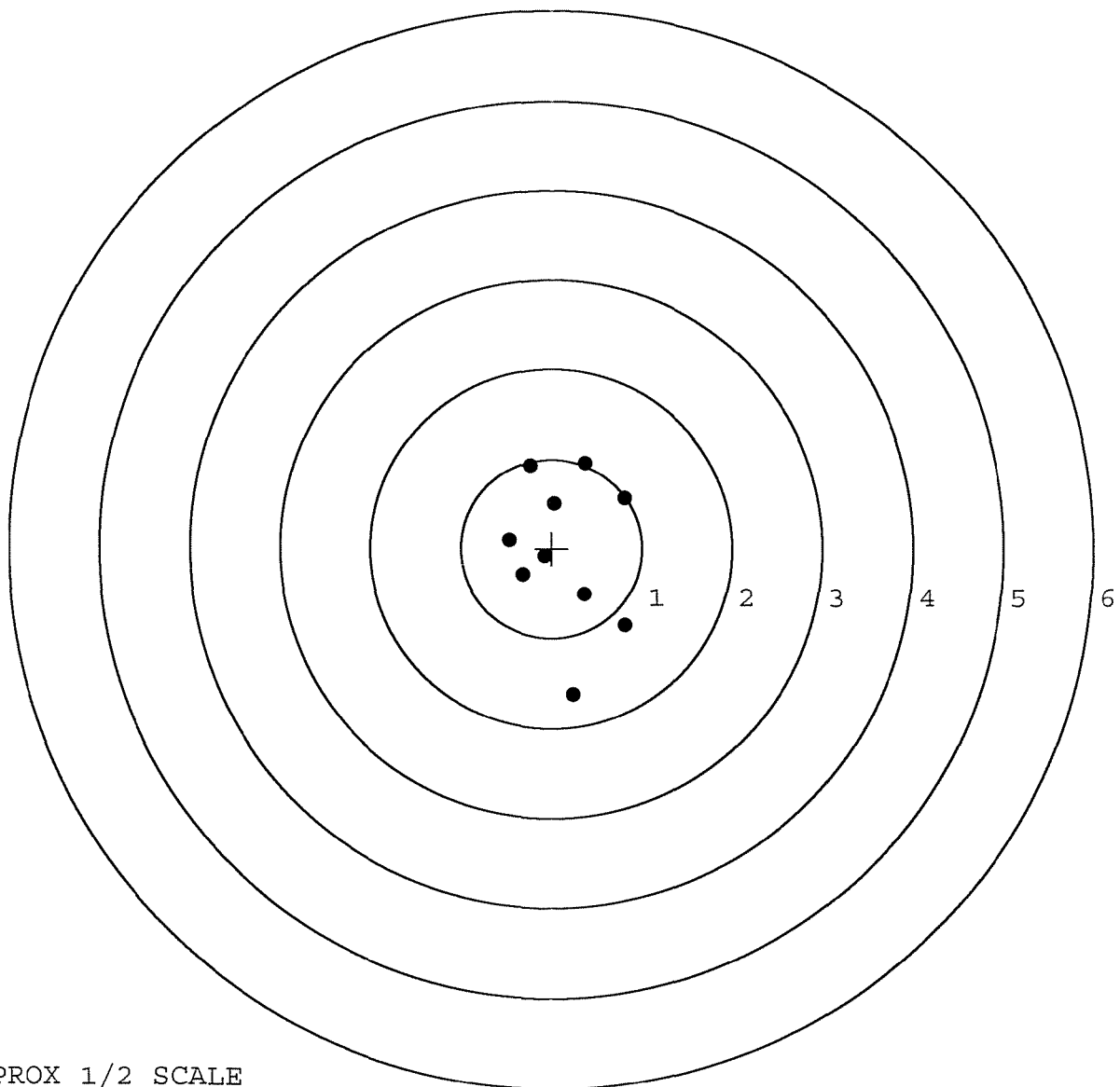
The Average X Centroid of the Five Target Set:	0.070
The Average Y Centroid of the Five Target Set:	0.037
The Average Point of Impact of the Five Target Set:	0.079
The Average Mean Radius of the Five Target Set:	0.880
The Distance from POA to Centroid Target #1:	0.157
The Distance from Centroid Target #2 to Centroid Target #1:	0.211
The Distance from Centroid Target #3 to Centroid Target #1:	0.225
The Distance from Centroid Target #4 to Centroid Target #1:	0.390
The Distance from Centroid Target #5 to Centroid Target #1:	0.065

BARBER - M24 0051361

SERIAL NUMBER: C6225555.____0
TARGET NUMBER: 1
FILE DATE: 03/14/2005
FILE TIME: 09:36

POINT#	X	Y
1:	0.818	-0.862
2:	0.242	-1.628
3:	0.372	-0.516
4:	-0.324	-0.296
5:	-0.081	-0.093
6:	-0.473	0.091
7:	0.029	0.506
8:	-0.237	0.931
9:	0.377	0.960
10:	0.811	0.565

X CENTROID: 0.153
Y CENTROID: -0.034
POA TO CENTROID: 0.157
HORZ SPREAD: 1.291
VERT SPREAD: 2.588
GROUP SPREAD: 2.603
MIN RADIUS: 0.242
MAX RADIUS: 1.596
MEAN RADIUS: 0.812
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0051362

SERIAL NUMBER: C6225555. __0

TARGET NUMBER: 2

FILE DATE: 03/14/2005

FILE TIME: 09:36

X CENTROID: 0.205

Y CENTROID: 0.170

POA TO CENTROID: 0.266

HORZ SPREAD: 2.524

VERT SPREAD: 1.396

GROUP SPREAD: 2.607

MIN RADIUS: 0.306

MAX RADIUS: 1.682

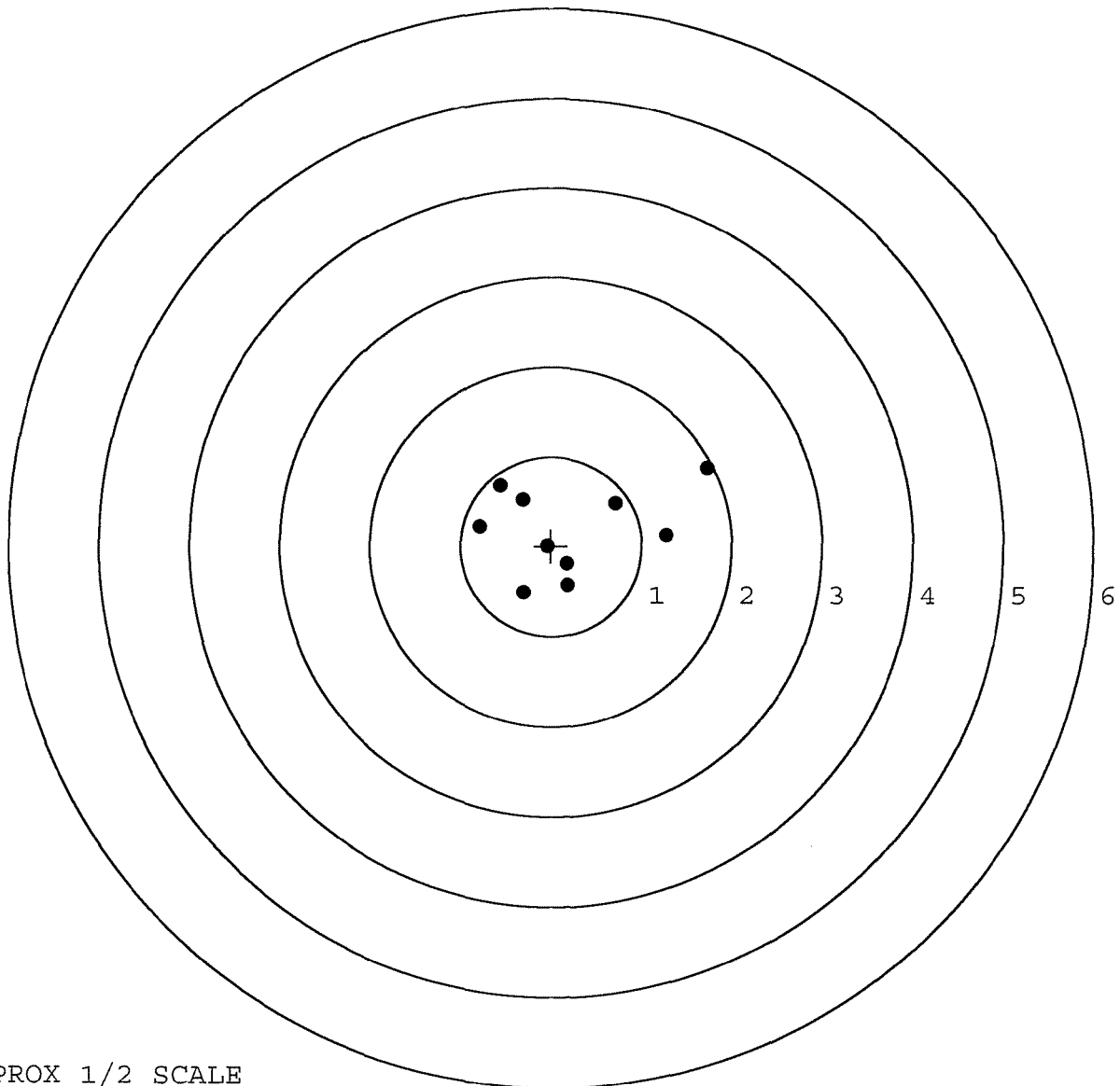
MEAN RADIUS: 0.803

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.732	0.874
2:	1.267	0.116
3:	0.707	0.476
4:	0.185	-0.446
5:	0.177	-0.202
6:	-0.042	-0.011
7:	-0.309	-0.522
8:	-0.792	0.220
9:	-0.316	0.516
10:	-0.561	0.680



TARGET APPROX 1/2 SCALE

BARBER - M24 0051363

SERIAL NUMBER: C6225555. __0

TARGET NUMBER: 3

FILE DATE: 03/14/2005

FILE TIME: 09:36

X CENTROID: 0.004

Y CENTROID: -0.202

POA TO CENTROID: 0.202

HORZ SPREAD: 2.298

VERT SPREAD: 2.304

GROUP SPREAD: 2.536

MIN RADIUS: 0.454

MAX RADIUS: 1.428

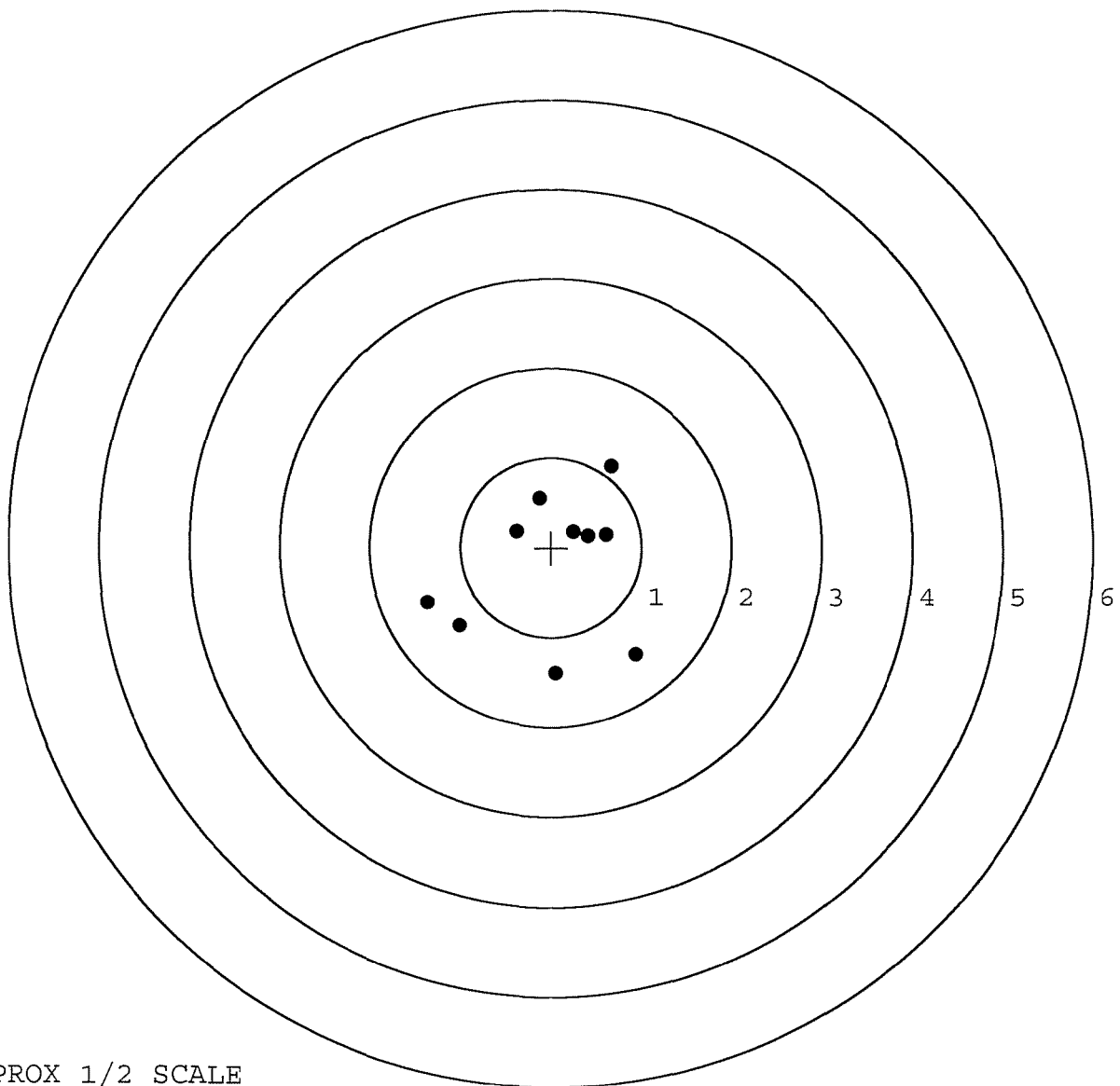
MEAN RADIUS: 0.947

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.935	-1.197
2:	0.048	-1.402
3:	-1.009	-0.877
4:	-1.363	-0.616
5:	0.612	0.141
6:	0.410	0.131
7:	0.249	0.180
8:	-0.130	0.543
9:	-0.383	0.177
10:	0.668	0.902



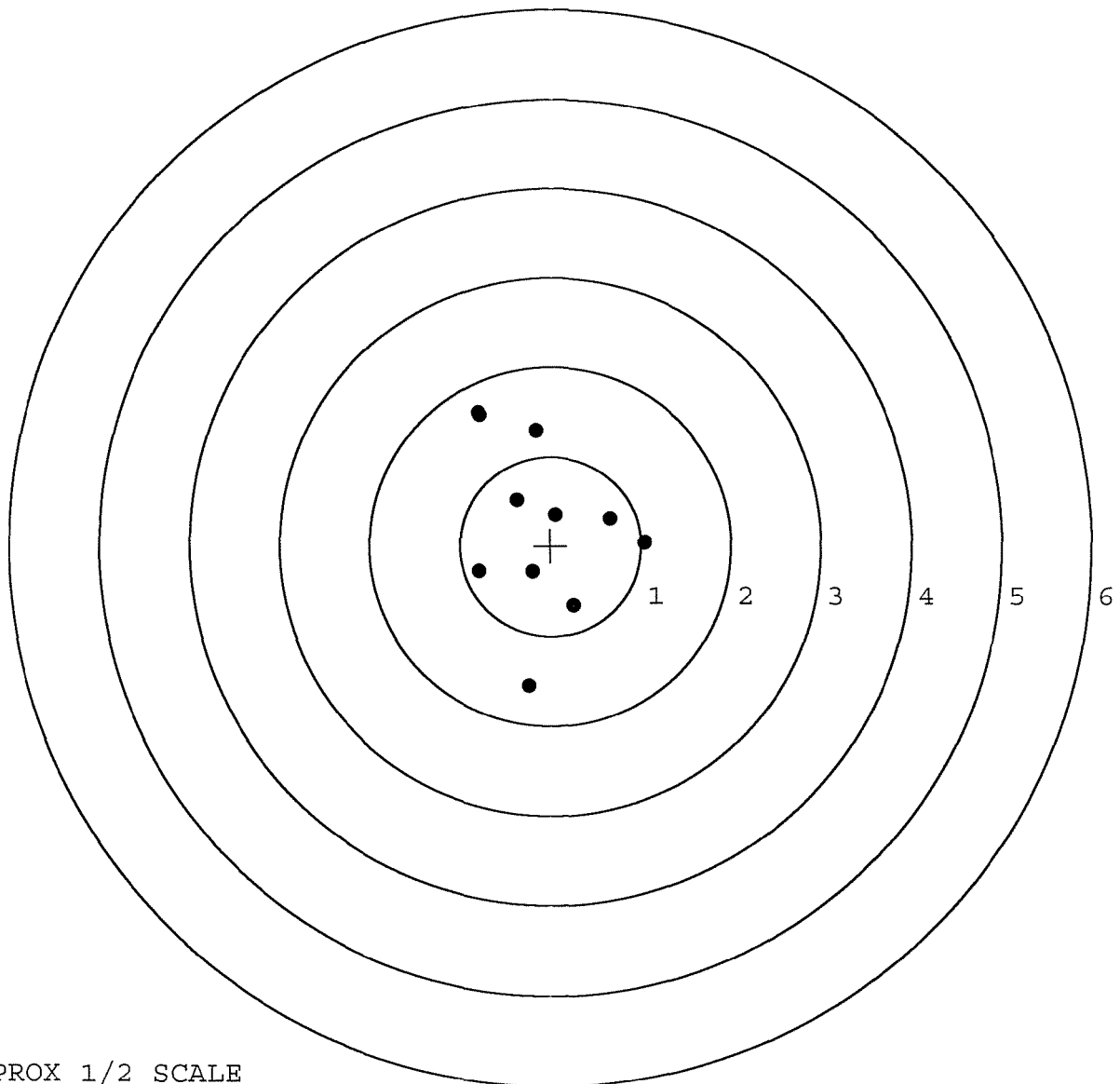
TARGET APPROX 1/2 SCALE

BARBER - M24 0051364

SERIAL NUMBER: C6225555.____0
TARGET NUMBER: 4
FILE DATE: 03/14/2005
FILE TIME: 09:36

X CENTROID: -0.125
Y CENTROID: 0.239
POA TO CENTROID: 0.270
HORZ SPREAD: 1.846
VERT SPREAD: 3.046
GROUP SPREAD: 3.097
MIN RADIUS: 0.203
MAX RADIUS: 1.801
MEAN RADIUS: 0.961
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.043	0.037
2:	0.657	0.305
3:	0.257	-0.665
4:	-0.242	-1.558
5:	-0.202	-0.292
6:	0.050	0.343
7:	-0.790	-0.284
8:	-0.379	0.508
9:	-0.173	1.289
10:	-0.789	1.460
11:	-0.803	1.488



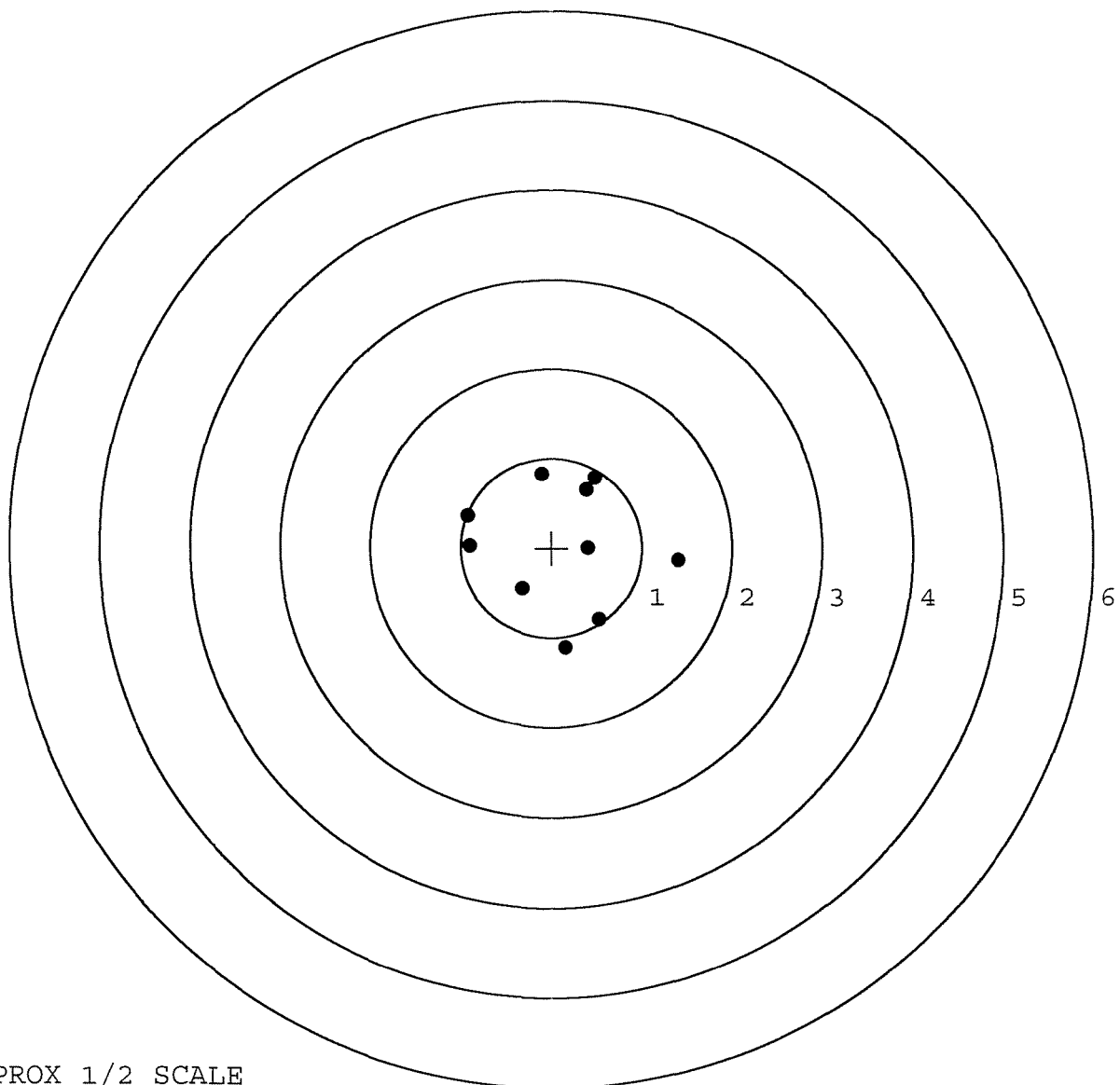
TARGET APPROX 1/2 SCALE

BARBER - M24 0051365

SERIAL NUMBER: C6225555.____0
TARGET NUMBER: 5
FILE DATE: 03/14/2005
FILE TIME: 09:36

POINT#	X	Y
1:	1.406	-0.135
2:	0.531	-0.804
3:	0.155	-1.116
4:	0.405	0.006
5:	0.390	0.652
6:	0.483	0.786
7:	-0.110	0.823
8:	-0.331	-0.448
9:	-0.902	0.022
10:	-0.922	0.355

X CENTROID: 0.111
Y CENTROID: 0.014
POA TO CENTROID: 0.111
HORZ SPREAD: 2.328
VERT SPREAD: 1.939
GROUP SPREAD: 2.379
MIN RADIUS: 0.295
MAX RADIUS: 1.304
MEAN RADIUS: 0.878
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER	92684		
SERIAL NUMBER	C6225555		
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	AC
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	3-9-05	RTZ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	3-14-05	Ag
D	SAFETY "OFF" FORCE	3-14-05	Ac
E	FIRING PIN INDENT	3-14-05	Ac
640	TARGET	3-14-05	TRW
655	FINAL INSPECT	3-14-05	Ac
660	PACK	3-15-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	

Remington®

DU PONT

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

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

MODEL 700™ H24	SERIAL NO. C6225555
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.	ORDER NO. 5716

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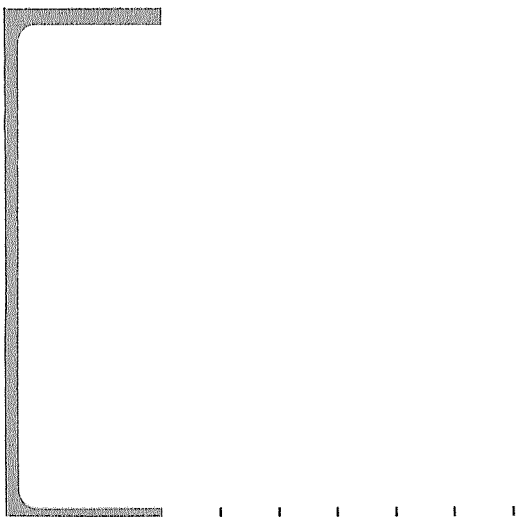


5716 C6225555

UPC



0 47700 25716 7



CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225555

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 12	89	Rw
600	Proof	4 12	89	Rw
607	Check Headspace	4 12	89	Rw
610	Dis-assemble Gun	4 12	89	Rw
612	Magnaflux Barrel Action		4/13/89	KCR
	Magnaflux Bolt		4/14/89	KCR
615	Rollmark Caliber		4/15/89	G.S.
617	Drill and Tap Sight Holes	4 14	89	LB
618	Polish Barrel RB	4 14	89	BT
620	Apply Coatings (Barrel Action)		4/20/89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/4/89	Rw
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/4/89	Rw
	C) Inspect Ejector Hole for Chamfer		5/4/89	Rw
	D) Oil Firing Pin Ass'y		5/4/89	Rw
	E) Adjust Trigger Pull to Min Setting and Stake		5/9/89	WB

op. #	BARBER - M24 0051369	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			5/9/89	JK
	G) Safety Off Force	3	3	3			5/9/89	JK
	H) Trigger Pull Test & Retainability						5/9/89	W.B
	I) Firing Pin Indent	.020	.020	.020			5/9/89	JK
	J) Assemble Stock						5/11/89	RW
	K) Assemble Swivel Studs						15 May 89	LS
	L) Attach Front and Rear Sight Assemblies						5/11/89	RW
	M) Iron Sight Alignment						5/11/89	RW
	N) Detach Front & Rear Sights & place in numbered container						5/11/89	RW
	O) Attach Scope to Rifle						5/11/89	JK
	P) Detach & Attach Scope 20 Times						5/11/89	JK
640	Gallery Target & Test	43 R	109 L				5/11/89	K
	A) Time						5/11/89	K
	B) Malfunctions						5/11/89	K
	C) Pierced Primers						5/11/89	K
	D) Optical Clarity of Scope						5/11/89	K
645	Inspect for Live Ammo						5/11/89	K
655	Final Inspection							
	A) Headspace						15 May 89	LS
	B) Trigger Pull	2.52	2.44	2.63	2.50	2.58	15 May 89	LS
	C) Function						15 May 89	LS
660	Pack						21 June 89	LS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C63489418DATE 26 July 89TESTER JMU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.31	2.39	2.45	2.72	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.70	2.42	2.47	2.75	
PULL #3	2.33	2.37	2.38	2.81	
PULL #4	2.39	2.37	2.40	2.55	
PULL #5	2.30	2.40	2.35	2.66	
TOTAL	12.03	11.95	12.05	13.49	
AVG.	2.406	2.39	2.41	2.688	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	2.99	3.13		
PULL #2	3.04	3.08		
PULL #3	3.09	3.00		
PULL #4	2.98	3.15		
PULL #5	3.01	3.11		
TOTAL	15.11	15.47		
AVG.	3.022	3.094		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.25		4.19
PULL #2	4.17	4.18		4.13
PULL #3	4.06	4.20		4.25
PULL #4	4.06	4.20		3.90
PULL #5	4.09	4.23		4.17
TOTAL	20.36	21.06		20.64
AVG.	4.112	4.212		4.148

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225555
15 May 1989

CENTROIDAL DISTANCES

0 TO	1	.820235
1 TO	2	.861501
1 TO	3	.962693
1 TO	4	.864167
1 TO	5	.731492

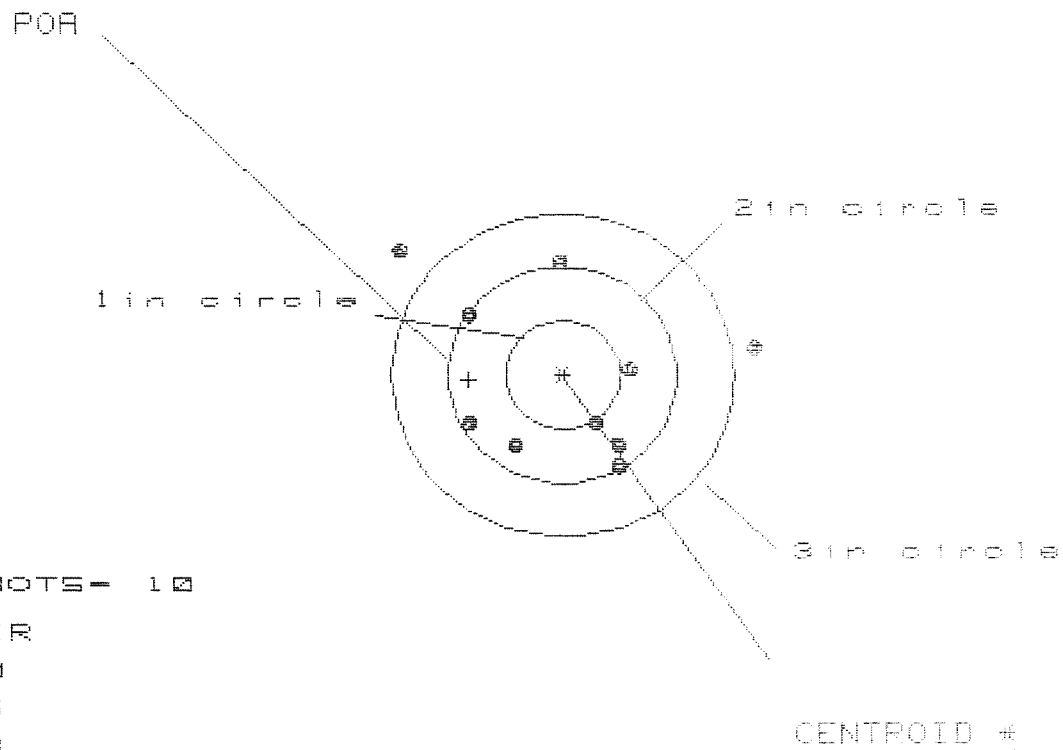
$\frac{2}{3} \times \frac{1}{4}$ L <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2082
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0056
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .268275
THE AMR FOR THIS RIFLE IS: .9124

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CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 6

3 in = 8

HS= 3.050

VS= 1.977

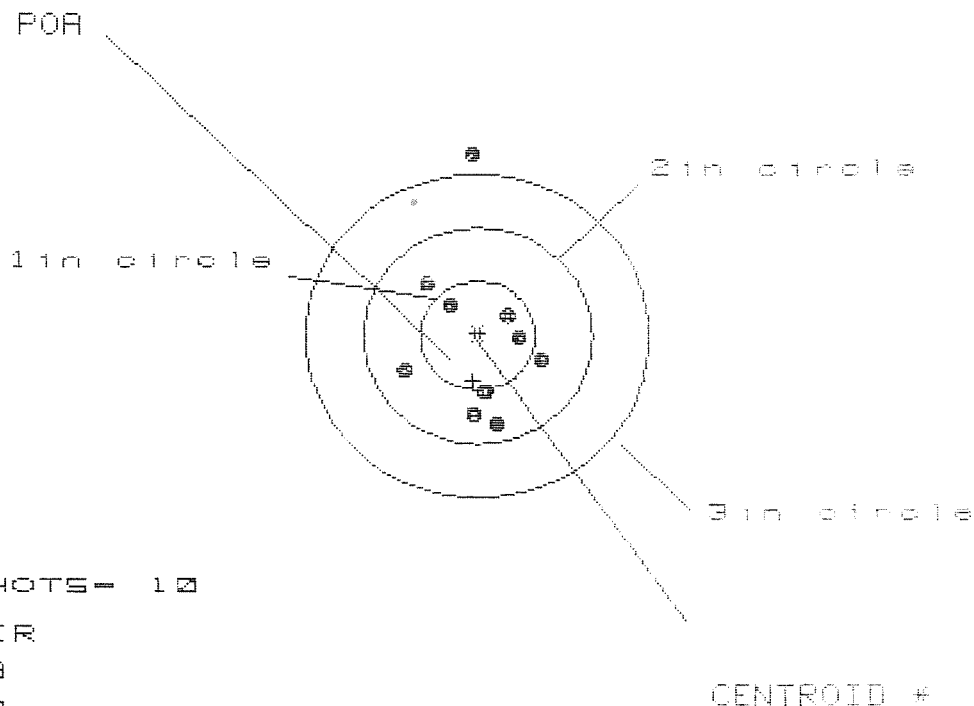
GS= 3.169

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.673	1.520	.604
MINIMUM X	:	-1.377	-.988	-.798
MAXIMUM Y	:	1.105	1.138	1.184
MINIMUM Y	:	-.872	-.750	-.704
CENTROID X	:	.819	.972	.782
CENTROID Y	:	.045	-.077	-.123
POA TO CENTROID in.	:	.821	.975	.792
MIN RADIUS	:	.535	.354	.431
MEAN RADIUS	:	1.003	.880	.790
MAX RADIUS	:	1.766	1.563	1.184
HORIZONTAL SPREAD	:	3.050	2.508	1.402
VERTICAL SPREAD	:	1.977	1.888	1.888
EXTREME SPREAD	:	3.169	2.583	1.972
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	8		

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 9

3 in = 9

HS= 1.246

VS= 2.424

GS= 2.434

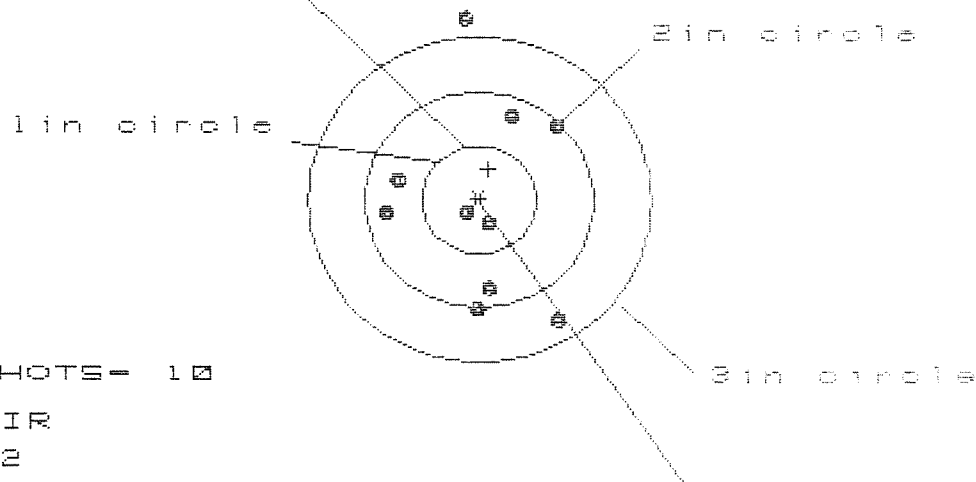
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.561	.559	.585
MINIMUM X	:	-.685	-.687	-.661
MAXIMUM Y	:	1.643	.682	.607
MINIMUM Y	:	-.781	-.599	-.632
CENTROID X	:	.041	.043	.017
CENTROID Y	:	.415	.233	.308
POA TO CENTROID in.	:	.417	.237	.308
MIN RADIUS	:	.316	.335	.397
MEAN RADIUS	:	.684	.556	.545
MAX RADIUS	:	1.643	.823	.747
HORIZONTAL SPREAD	:	1.246	1.246	1.246
VERTICAL SPREAD	:	2.424	1.281	1.239
EXTREME SPREAD	:	2.434	1.443	1.297
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3

POA



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 1.484

VS= 2.867

GS= 2.987

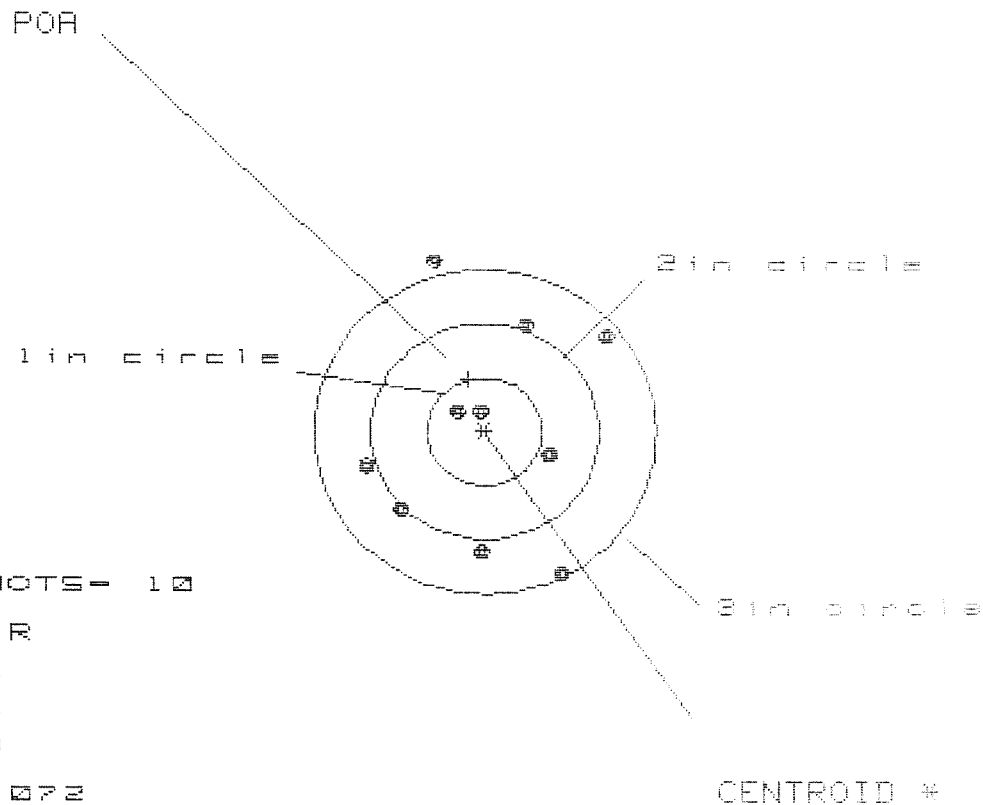
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.709	.695	.716
MINIMUM X	:	-.775	-.789	-.762
MAXIMUM Y	:	1.715	.988	.968
MINIMUM Y	:	-1.152	-.962	-.956
CENTROID X	:	-.085	-.071	-.158
CENTROID Y	:	-.286	-.476	-.356
POA TO CENTROID in.	:	.298	.481	.389
MIN RADIUS	:	.159	.089	.060
MEAN RADIUS	:	.867	.735	.678
MAX RADIUS	:	1.719	1.187	1.050
HORIZONTAL SPREAD	:	1.484	1.484	1.418
VERTICAL SPREAD	:	2.867	1.950	1.824
EXTREME SPREAD	:	2.987	2.001	1.860
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 3

3 in = 9

HS= 2.072

VS= 2.867

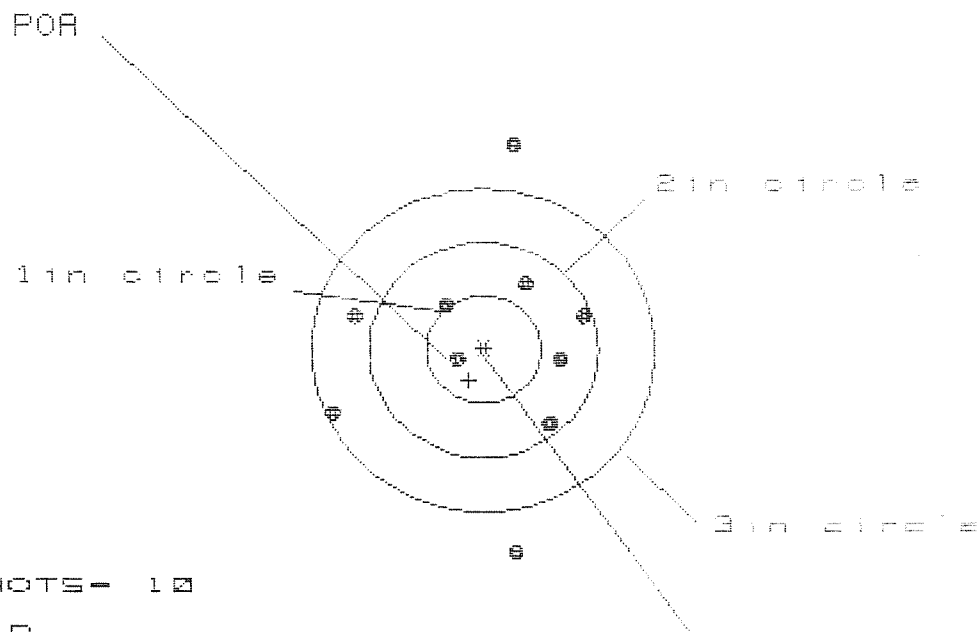
GS= 3.054

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.025	.976	1.047
MINIMUM X	:	-1.047	-1.096	-1.025
MAXIMUM Y	:	1.540	1.149	1.004
MINIMUM Y	:	-1.327	-1.155	-1.070
CENTROID X	:	.138	.187	.116
CENTROID Y	:	-.487	-.659	-.514
POA TO CENTROID in.	:	.506	.684	.527
MIN RADIUS	:	.143	.321	.167
MEAN RADIUS	:	.976	.913	.838
MAX RADIUS	:	1.602	1.467	1.414
HORIZONTAL SPREAD	:	2.072	2.072	2.072
VERTICAL SPREAD	:	2.867	2.304	2.074
EXTREME SPREAD	:	3.054	2.434	2.434
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 2.171

VS= 3.816

GS= 3.816

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.848	.881	.915
MINIMUM X	:	-1.323	-1.290	-1.256
MAXIMUM Y	:	1.906	.780	.567
MINIMUM Y	:	-1.910	-1.698	-1.690
CENTROID X	:	.128	.095	.061
CENTROID Y	:	.285	.073	.286
POA TO CENTROID in.	:	.313	.120	.292
MIN RADIUS	:	.269	.215	.214
MEAN RADIUS	:	1.032	.938	.887
MAX RADIUS	:	1.928	1.720	1.386
HORIZONTAL SPREAD	:	2.171	2.171	2.171
VERTICAL SPREAD	:	3.816	2.478	1.257
EXTREME SPREAD	:	3.816	2.563	2.339
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	8		