

C6225481

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



02/25/09 1:59 PM

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: **RE00162698** Serial: C6225481 Model M24 SWS Center Fire
 Verify Repair: [] Caliber: 7.62 NATO Produced: 03/21/1989 Repairman: [] Status: Closed 2/24/2009 1:46:44 PM

Address Information

Customer: [] Received From: [] Return To: [] Received From: []

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

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 Condition: Fair Notes: [] CSR Notes: []	Accessories Received <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Stud</td> <td>3</td> </tr> <tr> <td>A008</td> <td>With Swivel</td> <td>2</td> </tr> <tr> <td>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>A026</td> <td>Scope</td> <td>1</td> </tr> <tr> <td>A057</td> <td>Fit and Rear Sgt Base</td> <td>1</td> </tr> </tbody> </table>	Code	Desc	Qty	A007	With Stud	3	A008	With Swivel	2	A010	Hard Case	1	A017	Scope Base	1	A026	Scope	1	A057	Fit and Rear Sgt Base	1		
Code	Desc	Qty																							
A007	With Stud	3																							
A008	With Swivel	2																							
A010	Hard Case	1																							
A017	Scope Base	1																							
A026	Scope	1																							
A057	Fit and Rear Sgt Base	1																							

Repair Search Refresh Close

Refresh Close

Refresh Close

2/25/2009 1:59 PM CAPS NUM INS SCRL

start 9 Microsoft ... 4 Microsoft ... My Excite - Wi... Arms Services... Part Search b... Create PM No... 1:59 PM

Serial Number: **C6225481**

Model: **M24 SWS**



RE00162698

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R & E NUMBER

162698

SERIAL NUMBER

C16225481

LOG-IN DATE

2-24-09

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-16-09	RTZ
505	RE-BARREL	6-24-09	RTZ
420	ASSEMBLE	6-24-09	RTZ
440	PROOF	6-23-09	RTZ
460	CHECK HEADSPACE	6-23-09	RTZ
470	DIS-ASSEMBLE GUN	6-23-09	RTZ
480	MAGNAFLUX	6/26/09	RTZ
510	DRILL AND TAP	6-24-09	RTZ
500	ROLLMARK CALIBER	6-26-09	RTZ
520	GOFF BLAST BBL / REC	6-26-09	RTZ
530 & 540	APPLY COATINGS	7-1-09	RTZ
560	FINAL ASSEMBLY	7-8-09	RTZ
640	FUNCTION TEST AND	7-8-09	RP
650	TARGET	7-8-09	RP
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		
	A) HEADSPACE	7-13-09	RTZ
	B) TRIGGER PULL	265 268 275 271 274 7-13-09	RTZ
680	F) SAFETY ON FORCE	4.0 4.0 4.0 7-13-09	RTZ
	G) SAFETY OFF FORCE	5.0 5.0 5.0 7-13-09	RTZ
	I) FIRING PIN INDENT	.024 .024 .024 7-13-09	RTZ
690	PACK	7/15/09	Fm

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225481.___0
FILE DATE AND TIME: 07/09/2009 10:32

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

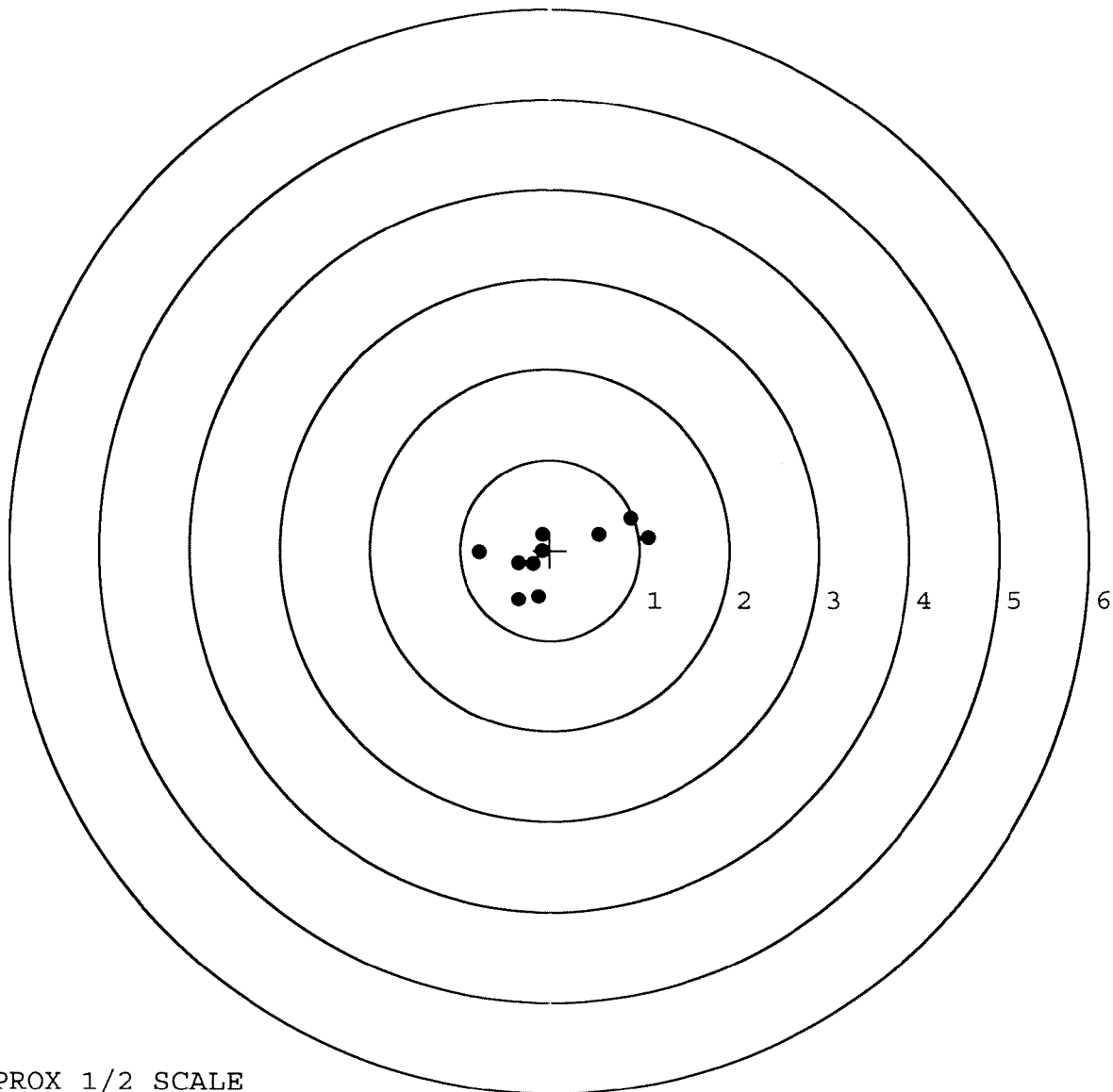
The Average X Centroid of the Five Target Set:	-0.016
The Average Y Centroid of the Five Target Set:	-0.025
The Average Point of Impact of the Five Target Set:	0.029
The Average Mean Radius of the Five Target Set:	0.616
The Distance from POA to Centroid Target #1:	0.079
The Distance from Centroid Target #2 to Centroid Target #1:	0.271
The Distance from Centroid Target #3 to Centroid Target #1:	0.350
The Distance from Centroid Target #4 to Centroid Target #1:	0.033
The Distance from Centroid Target #5 to Centroid Target #1:	0.054

BARBER - M24 0061729

SERIAL NUMBER: C6225481. __0
TARGET NUMBER: 1
FILE DATE: 07/09/2009
FILE TIME: 10:32

POINT#	X	Y
1:	1.095	0.140
2:	0.906	0.359
3:	0.553	0.178
4:	-0.084	0.178
5:	-0.090	-0.007
6:	-0.347	-0.144
7:	-0.133	-0.515
8:	-0.349	-0.553
9:	-0.781	-0.021
10:	-0.193	-0.149

X CENTROID: 0.058
Y CENTROID: -0.053
POA TO CENTROID: 0.079
HORZ SPREAD: 1.876
VERT SPREAD: 0.912
GROUP SPREAD: 1.883
MIN RADIUS: 0.155
MAX RADIUS: 1.055
MEAN RADIUS: 0.564
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



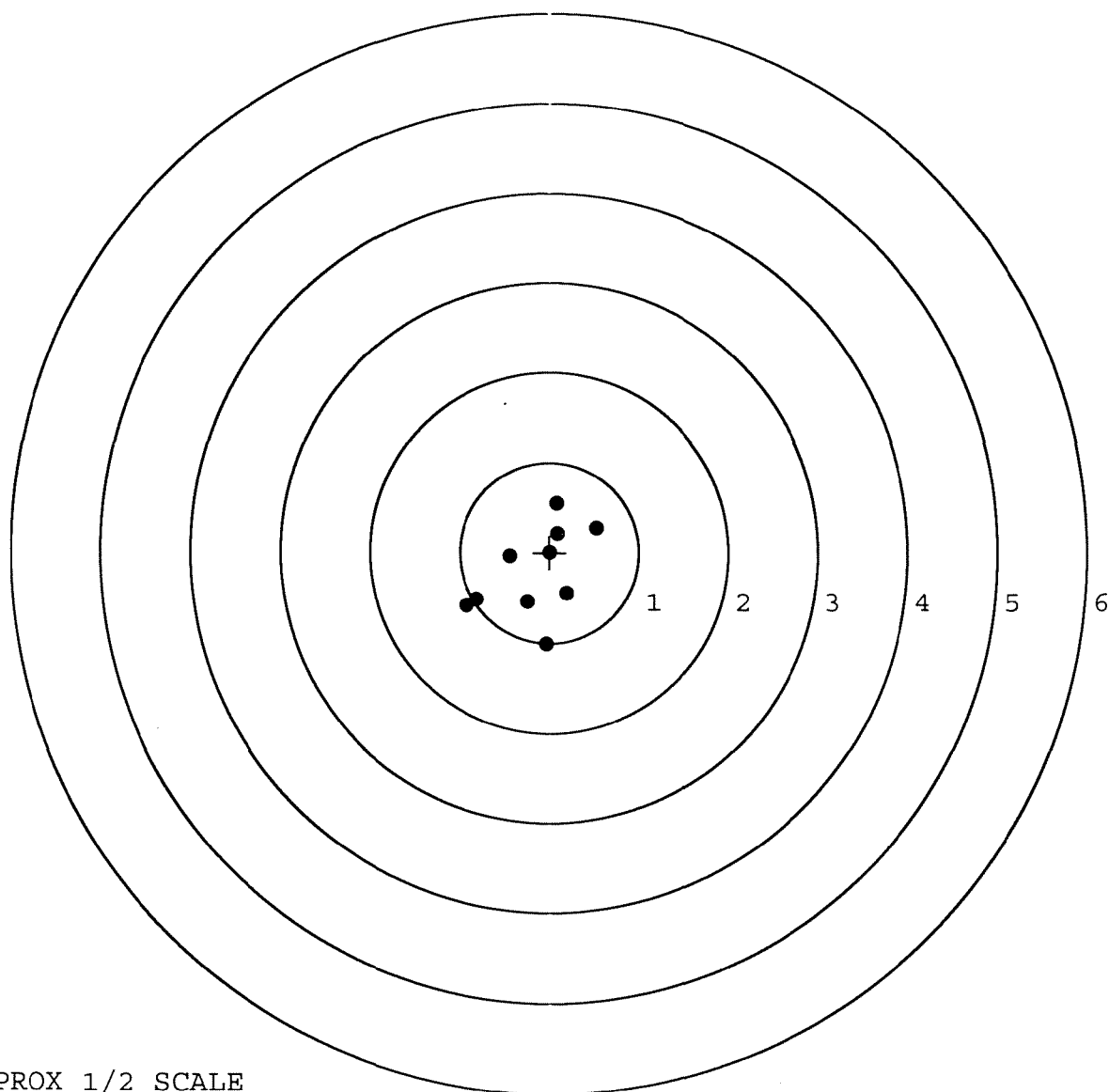
TARGET APPROX 1/2 SCALE

BARBER - M24 0061730

SERIAL NUMBER: C6225481. __0
TARGET NUMBER: 2
FILE DATE: 07/09/2009
FILE TIME: 10:32

X CENTROID: -0.159
Y CENTROID: -0.217
POA TO CENTROID: 0.269
HORZ SPREAD: 1.463
VERT SPREAD: 1.561
GROUP SPREAD: 1.697
MIN RADIUS: 0.260
MAX RADIUS: 0.858
MEAN RADIUS: 0.589
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.931	-0.590
2:	-0.817	-0.525
3:	-0.040	-1.016
4:	-0.247	-0.549
5:	0.192	-0.458
6:	-0.441	-0.045
7:	-0.006	-0.006
8:	0.088	0.207
9:	0.532	0.269
10:	0.082	0.545



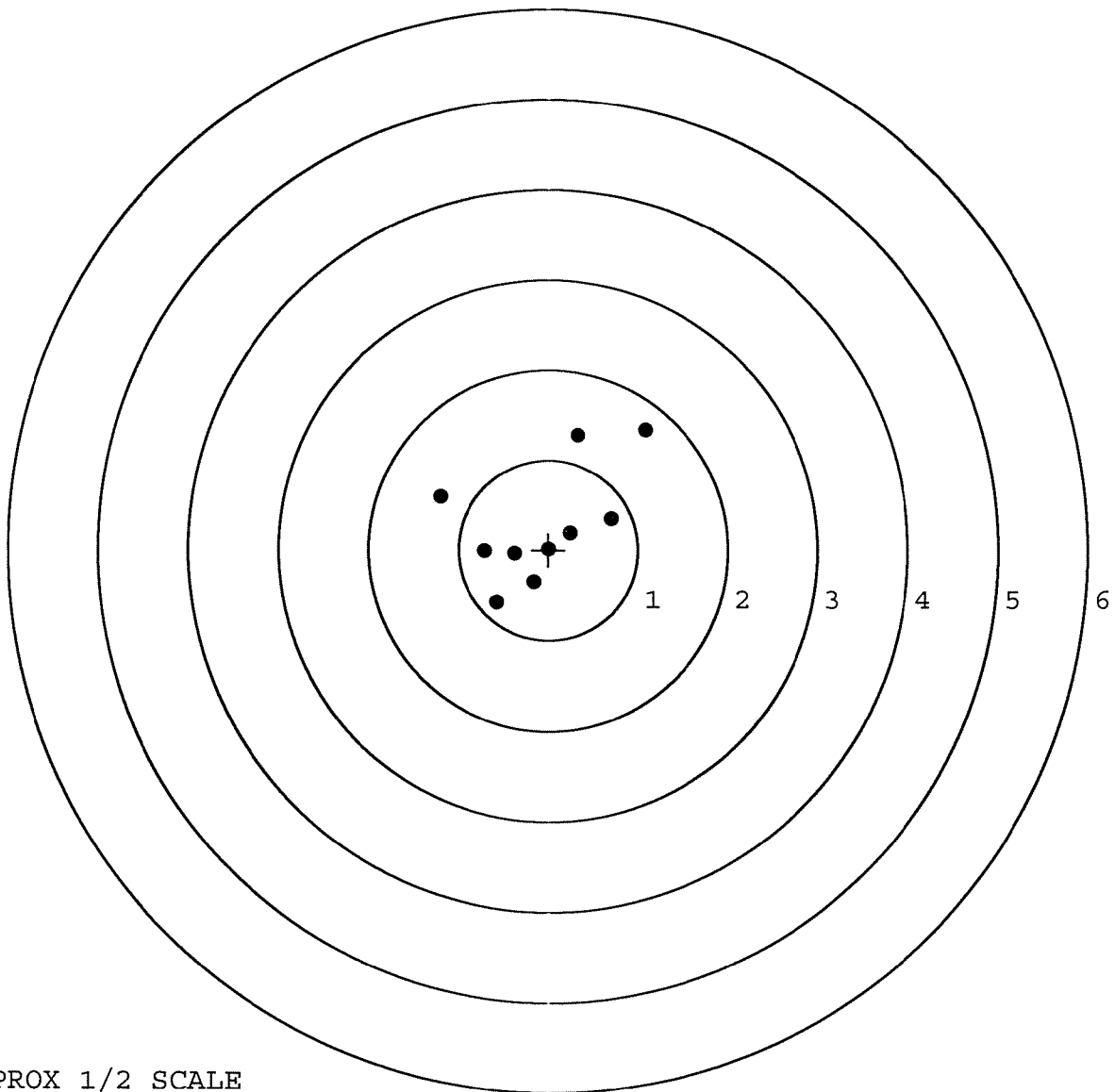
TARGET APPROX 1/2 SCALE

BARBER - M24 0061731

SERIAL NUMBER: C6225481. __0
TARGET NUMBER: 3
FILE DATE: 07/09/2009
FILE TIME: 10:32

POINT#	X	Y
1:	-1.203	0.589
2:	-0.711	-0.018
3:	-0.374	-0.044
4:	-0.575	-0.592
5:	-0.165	-0.363
6:	0.002	0.008
7:	0.242	0.188
8:	0.705	0.351
9:	1.080	1.337
10:	0.329	1.275

X CENTROID: -0.067
Y CENTROID: 0.273
POA TO CENTROID: 0.281
HORZ SPREAD: 2.283
VERT SPREAD: 1.929
GROUP SPREAD: 2.542
MIN RADIUS: 0.274
MAX RADIUS: 1.564
MEAN RADIUS: 0.799
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

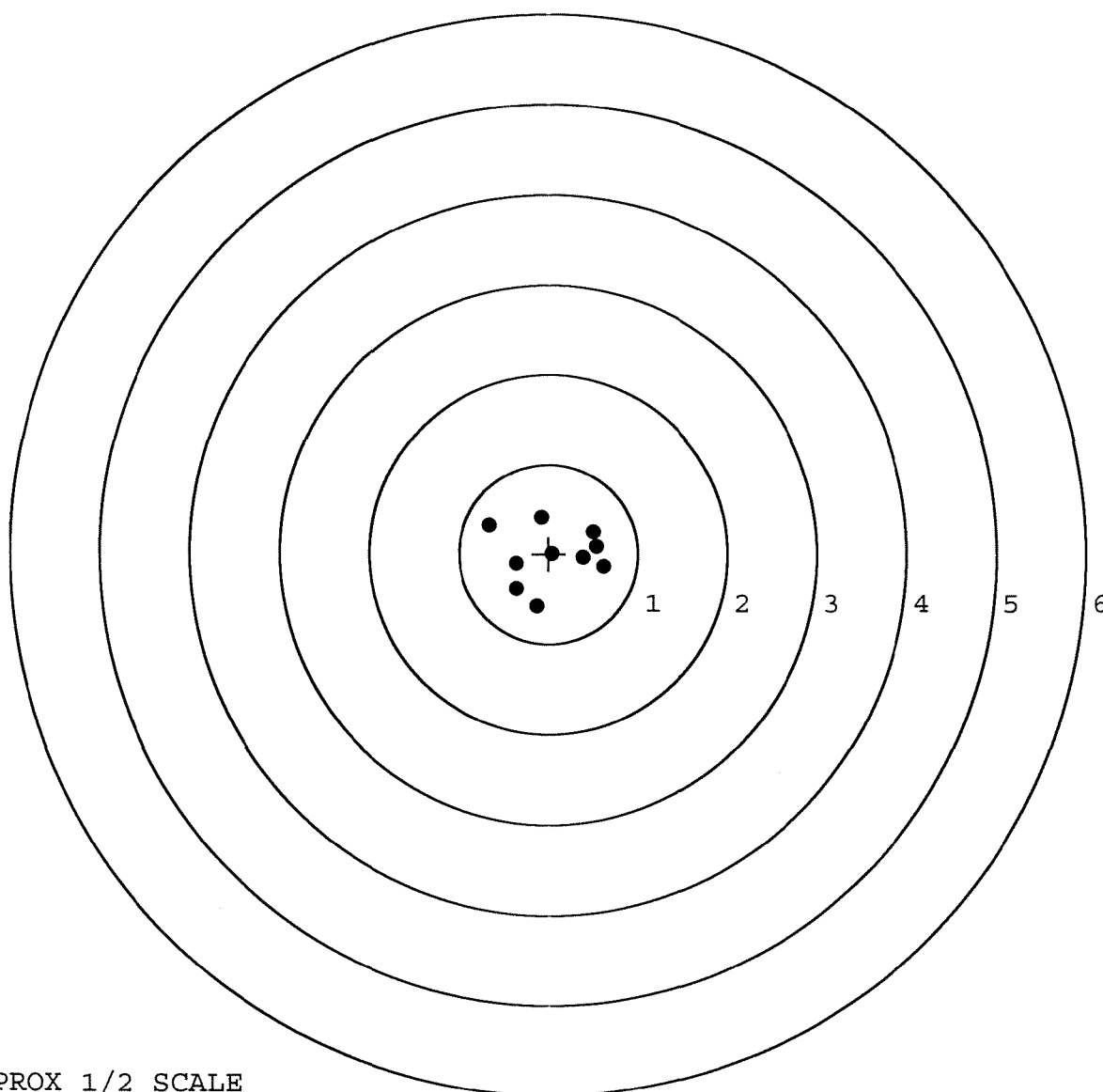
BARBER - M24 0061732

SERIAL NUMBER: C6225481. __0
TARGET NUMBER: 4
FILE DATE: 07/09/2009
FILE TIME: 10:32

X CENTROID: 0.046
Y CENTROID: -0.022
POA TO CENTROID: 0.051
HORZ SPREAD: 1.276
VERT SPREAD: 0.995
GROUP SPREAD: 1.356
MIN RADIUS: 0.029
MAX RADIUS: 0.785
MEAN RADIUS: 0.478

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

POINT#	X	Y
1:	-0.662	0.317
2:	-0.362	-0.113
3:	-0.366	-0.392
4:	-0.138	-0.590
5:	-0.084	0.405
6:	0.034	0.004
7:	0.614	-0.141
8:	0.503	0.243
9:	0.534	0.085
10:	0.390	-0.041



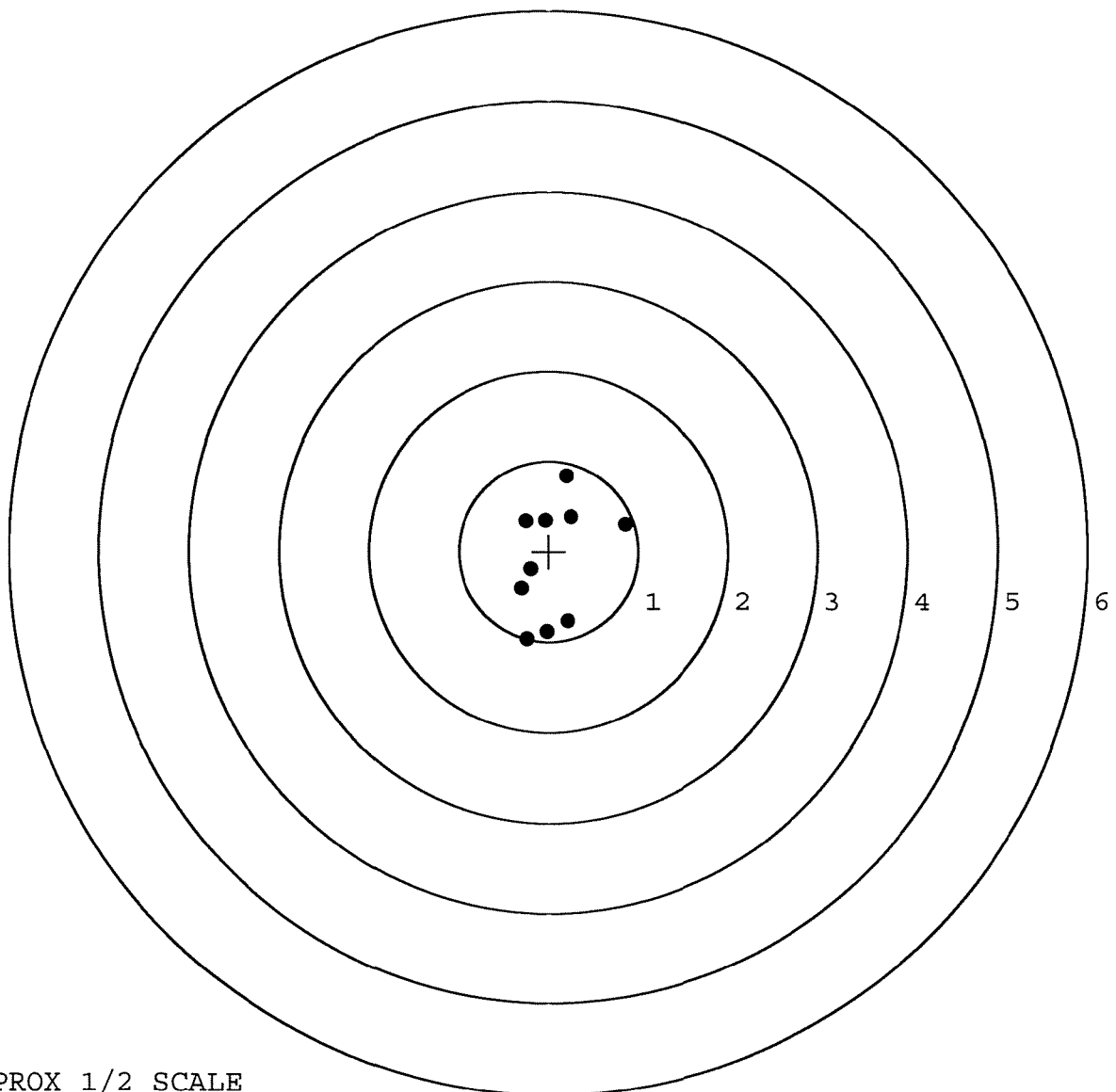
TARGET APPROX 1/2 SCALE

BARBER - M24 0061733

SERIAL NUMBER: C6225481. __0
TARGET NUMBER: 5
FILE DATE: 07/09/2009
FILE TIME: 10:32

POINT#	X	Y
1:	0.194	0.835
2:	0.858	0.306
3:	0.252	0.384
4:	-0.046	0.343
5:	-0.259	0.337
6:	-0.205	-0.199
7:	-0.301	-0.413
8:	0.215	-0.774
9:	-0.021	-0.895
10:	-0.246	-0.979

X CENTROID: 0.044
Y CENTROID: -0.106
POA TO CENTROID: 0.114
HORZ SPREAD: 1.159
VERT SPREAD: 1.814
GROUP SPREAD: 1.867
MIN RADIUS: 0.266
MAX RADIUS: 0.952
MEAN RADIUS: 0.652
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0061734

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: RE00092473

Serial: C6225481 Model: M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/21/1989

Repairman:

Status:

Closed 2/4/2005 9:38:13 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:

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

logletj

2/7/2005

11:28 AM

CAPS

NUM

IINS

SCRL

start

3

Arms Services Repair

3

M

Serial Number:

C6225481

Model: M24 SWS



RE00092473

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225481.___0

FILE DATE AND TIME: 05/05/2005 06:33

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

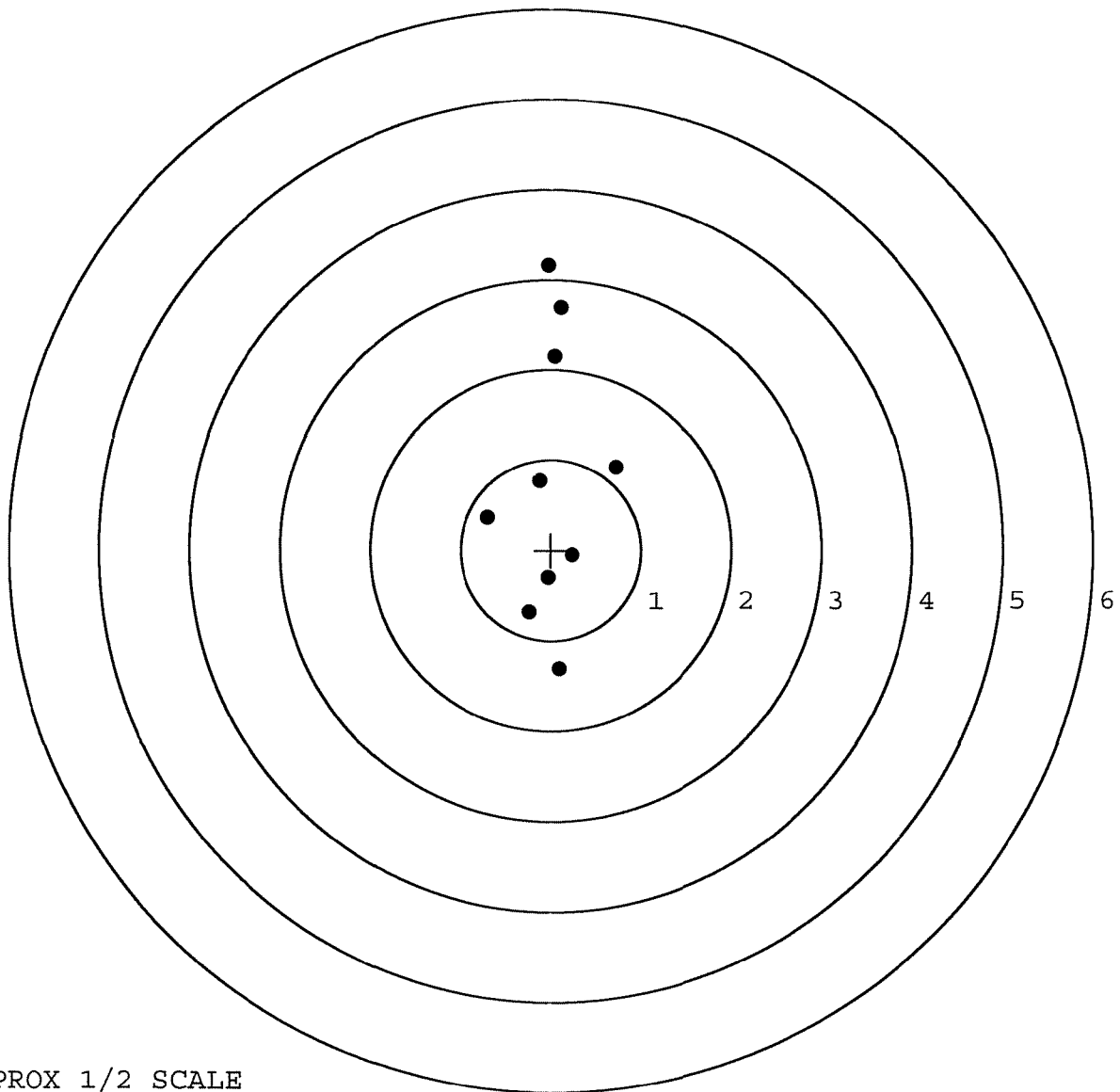
The Average X Centroid of the Five Target Set:	0.011
The Average Y Centroid of the Five Target Set:	0.141
The Average Point of Impact of the Five Target Set:	0.141
The Average Mean Radius of the Five Target Set:	1.010
The Distance from POA to Centroid Target #1:	0.767
The Distance from Centroid Target #2 to Centroid Target #1:	0.710
The Distance from Centroid Target #3 to Centroid Target #1:	1.036
The Distance from Centroid Target #4 to Centroid Target #1:	0.708
The Distance from Centroid Target #5 to Centroid Target #1:	0.681

BARBER - M24 0061736

SERIAL NUMBER: C6225481. __0
TARGET NUMBER: 1
FILE DATE: 05/05/2005
FILE TIME: 06:33

POINT#	X	Y
1:	0.097	-1.317
2:	-0.245	-0.689
3:	0.237	-0.055
4:	-0.035	-0.303
5:	-0.701	0.356
6:	-0.131	0.766
7:	0.723	0.918
8:	0.041	2.142
9:	0.107	2.690
10:	-0.039	3.159

X CENTROID: 0.005
Y CENTROID: 0.767
POA TO CENTROID: 0.767
HORZ SPREAD: 1.424
VERT SPREAD: 4.476
GROUP SPREAD: 4.478
MIN RADIUS: 0.136
MAX RADIUS: 2.393
MEAN RADIUS: 1.287
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

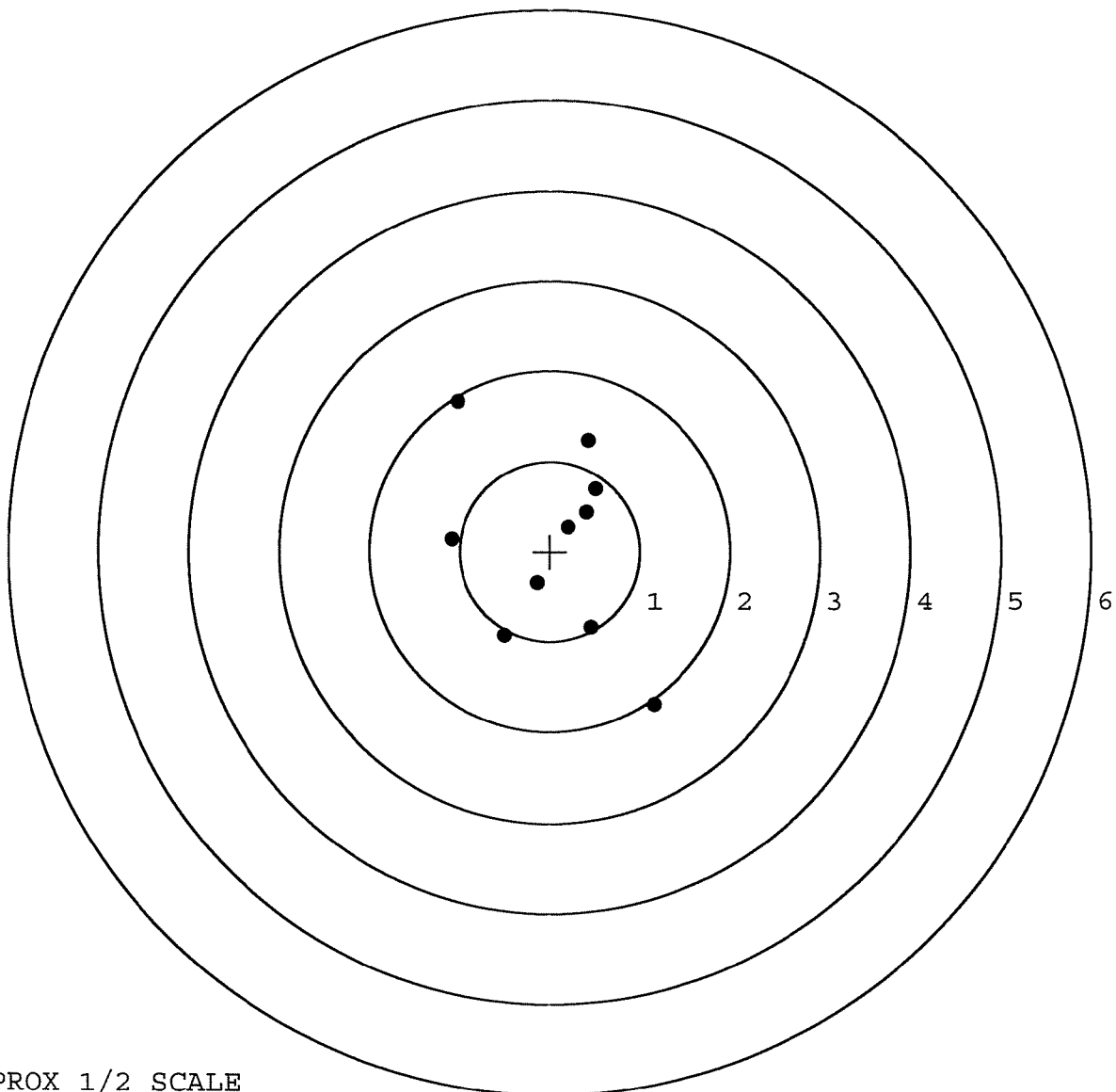
BARBER - M24 0061737

SERIAL NUMBER: C6225481. __0
TARGET NUMBER: 2
FILE DATE: 05/05/2005
FILE TIME: 06:33

X CENTROID: 0.042
Y CENTROID: 0.057
POA TO CENTROID: 0.071
HORZ SPREAD: 2.251
VERT SPREAD: 3.358
GROUP SPREAD: 4.007
MIN RADIUS: 0.267
MAX RADIUS: 2.087
MEAN RADIUS: 1.055

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

POINT#	X	Y
1:	1.163	-1.703
2:	0.462	-0.850
3:	-0.504	-0.941
4:	-0.142	-0.353
5:	-1.088	0.134
6:	0.431	1.228
7:	-1.023	1.655
8:	0.510	0.694
9:	0.412	0.440
10:	0.204	0.270



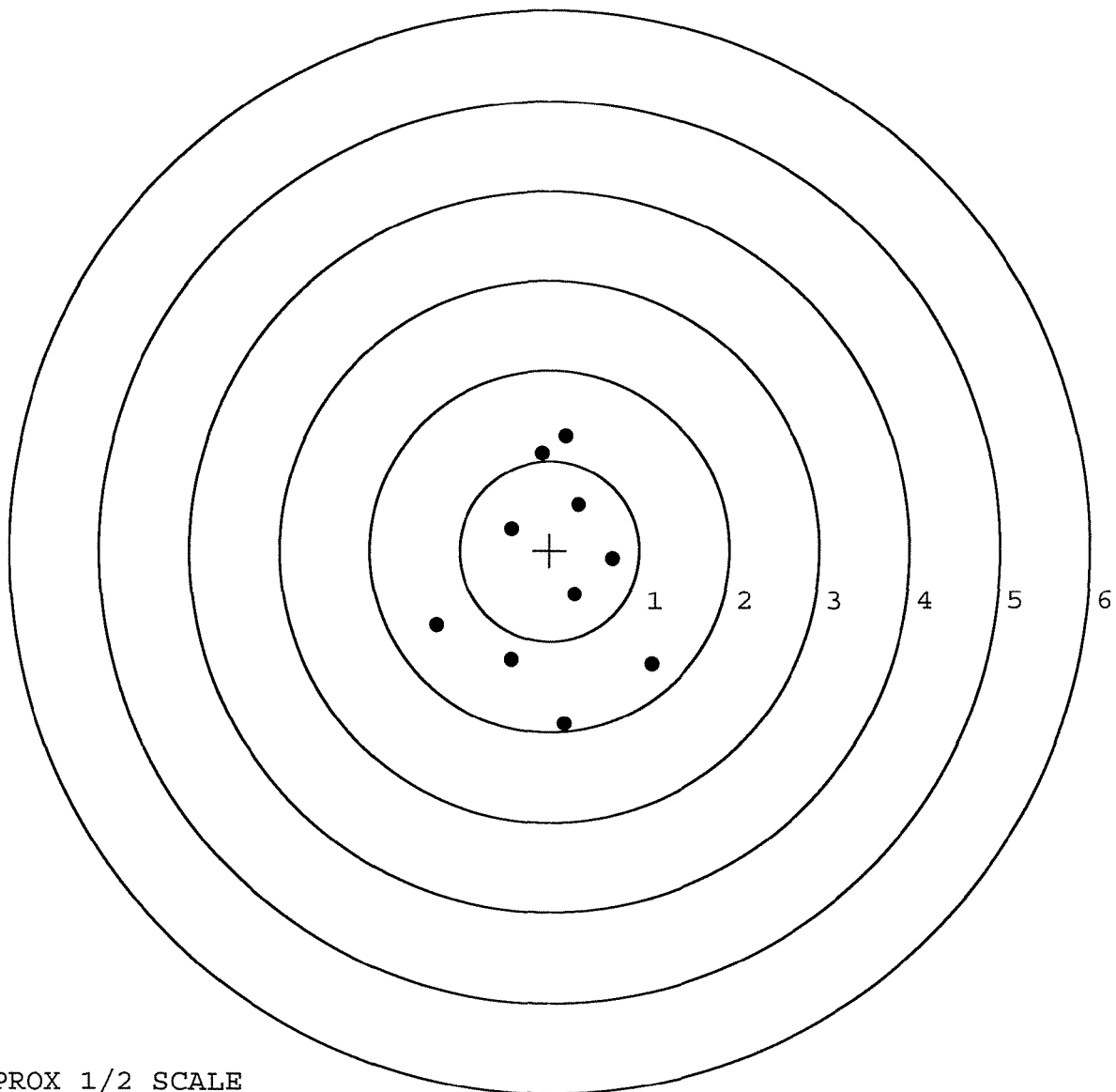
TARGET APPROX 1/2 SCALE

BARBER - M24 0061738

SERIAL NUMBER: C6225481. __0
TARGET NUMBER: 3
FILE DATE: 05/05/2005
FILE TIME: 06:33

POINT#	X	Y
1:	0.275	-0.493
2:	0.702	-0.098
3:	1.140	-1.251
4:	0.162	-1.916
5:	-0.430	-1.201
6:	-1.266	-0.830
7:	0.324	0.511
8:	-0.421	0.244
9:	-0.088	1.084
10:	0.182	1.274

X CENTROID: 0.058
Y CENTROID: -0.268
POA TO CENTROID: 0.274
HORZ SPREAD: 2.406
VERT SPREAD: 3.190
GROUP SPREAD: 3.190
MIN RADIUS: 0.313
MAX RADIUS: 1.652
MEAN RADIUS: 1.101
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

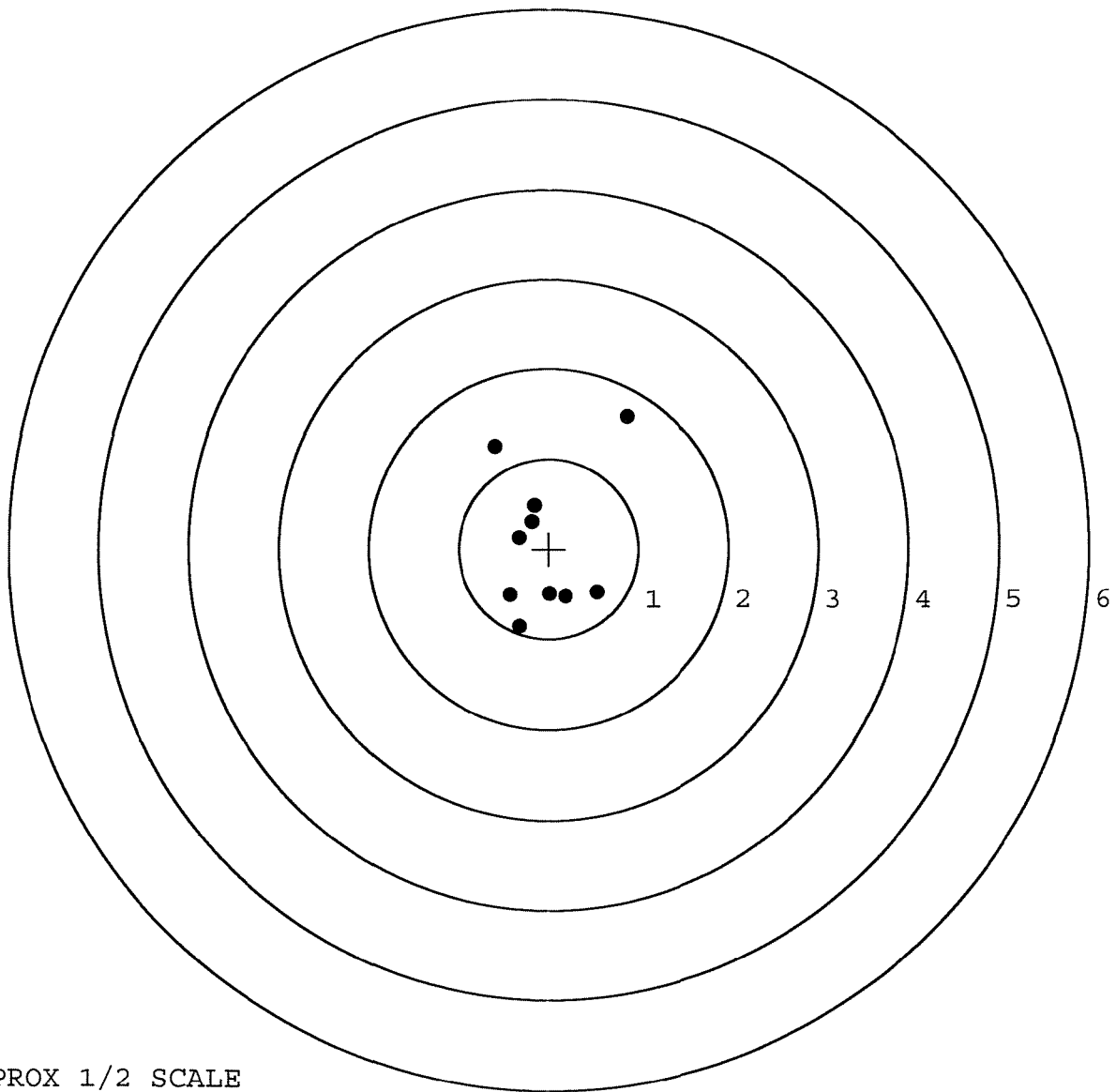
BARBER - M24 0061739

SERIAL NUMBER: C6225481. __ 0
TARGET NUMBER: 4
FILE DATE: 05/05/2005
FILE TIME: 06:33

X CENTROID: -0.042
Y CENTROID: 0.060
POA TO CENTROID: 0.074
HORZ SPREAD: 1.486
VERT SPREAD: 2.342
GROUP SPREAD: 2.634
MIN RADIUS: 0.285
MAX RADIUS: 1.685
MEAN RADIUS: 0.758

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

POINT#	X	Y
1:	0.544	-0.486
2:	0.187	-0.533
3:	0.012	-0.501
4:	-0.433	-0.515
5:	-0.325	-0.871
6:	-0.331	0.121
7:	-0.187	0.306
8:	-0.162	0.483
9:	-0.606	1.129
10:	0.880	1.471



TARGET APPROX 1/2 SCALE

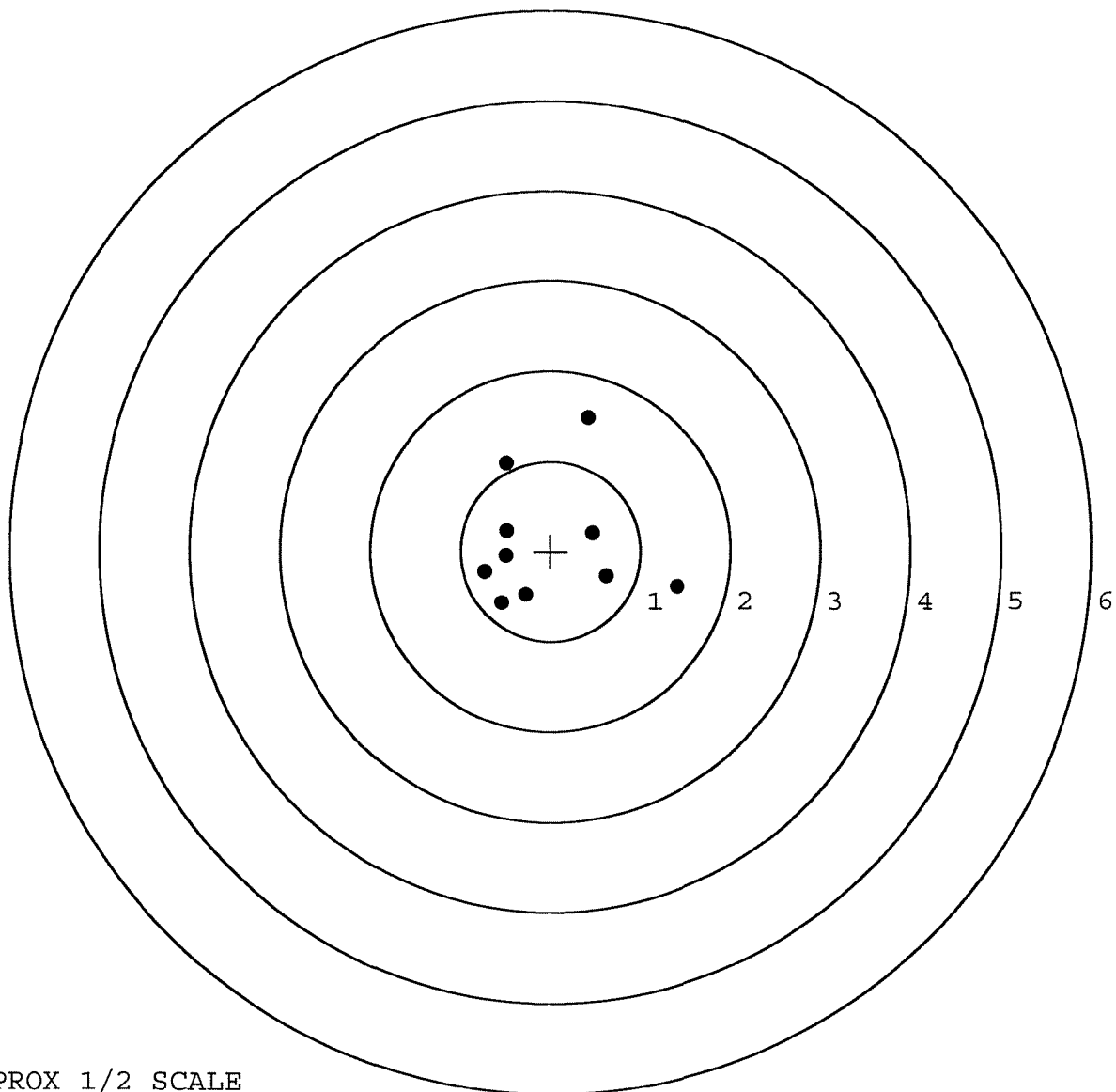
BARBER - M24 0061740

SERIAL NUMBER: C6225481. __0
TARGET NUMBER: 5
FILE DATE: 05/05/2005
FILE TIME: 06:33

X CENTROID: -0.009
Y CENTROID: 0.086
POA TO CENTROID: 0.086
HORZ SPREAD: 2.138
VERT SPREAD: 2.063
GROUP SPREAD: 2.346
MIN RADIUS: 0.495
MAX RADIUS: 1.497
MEAN RADIUS: 0.848

IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.410	-0.391
2:	0.623	-0.278
3:	0.471	0.204
4:	0.425	1.482
5:	-0.494	0.980
6:	-0.487	0.222
7:	-0.728	-0.234
8:	-0.543	-0.581
9:	-0.275	-0.491
10:	-0.496	-0.057



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	92423		
SERIAL NUMBER	C6225481		
LOG-IN DATE	2-4-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-4-05	RTZ
560 A	RE-BARREL	4-7-05	RTZ
B	DRILL AND TAP	4-11-05	TRW
575	ASSEMBLE	4-7-05	RTZ
600	PROOF	4-8-05	AC
605	CHECK HEADSPACE	4-8-05	AC
610	DIS-ASSEMBLE GUN	4-11-05	RTZ
612	MAGNAFLUX	OPERATOR	BS
615	ROLLMARK CALIBER	4-12-05	CW
618	ROTO-BLAST	4-18-05	LB
620	APPLY COATINGS	4-25-05	WJ
625 A	FINAL ASSEMBLY	5-4-05	RTZ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	5-6-05	AC
D	SAFETY "OFF" FORCE	5-6-05	AC
E	FIRING PIN INDENT	5-6-05	AC
640	TARGET	5-5-05	TRW
655	FINAL INSPECT	5-6-05	AC
660	PACK	5-7-05	JA
		SHIP DATE	
QAR INSPECTION DATE			

Remington



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

MODEL 700TM H24

SERIAL NO.
C6225481

ORDER NO.
5716

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



5716 C6225481

UPC



0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225481

OP.#	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock	8	9/88	FB
600	Proof	9	7/88	RW
607	Check Headspace	9	7/88	RW
610	Dis-assemble gun	8	7/88	RW
612	Magnaflux Barrel Action		9-14-88	Pfc.
	Magnaflux Bolt		9-14-88	Pfl.
615	Rollmark Caliber		9/21/88	GS
617	Drill & Tap Sight Holes		10/1/88	FB
618	Polish Barrel		10/1/88	BT
620	Apply Coatings (Barrel Action)		10-31-88	TJA
	Apply Coatings (Bolt)		10-31-88	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		1/11/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/11/89	RW
	C) Inspect Ejector Hole for Chamfer		1/11/89	RW

OVER

OP. #	READINGS	DATE	INITIAL
625	D) Oil Firing Pin Ass'y	1/11/89	RW
cont.	E) Adjust Trigger Pull to Min. Setting and Stake	10 Jan 89	JS
	F) Safety on Force	11 Jan 89	JS
	G) Safety off Force	11 Jan 89	JS
	H) Trigger Pull Test & Retainability	10 Jan 89	JS
	I) Firing Pin Indent	11 Jan 89	JS
	J) Assemble Stock	1/11/89	RW
	K) Attach Front & Rear Sight Assemblies	1/11/89	RW
	L) Iron Sight Alignment	1/11/89	RW
	M) Detach Front & Rear Sights & place in numbered container	1/11/89	RW
	N) Attach Scope to Rifle	16 Jan 89	JS
	O) Detach & Attach Scope 20 times	16 Jan 89	JS
640	Gallery Target & Test	1-19-89	AC
	A) Optical Clarity of Scope	OK 1-19-89	AC
645	Inspect for Live Ammo	NONE 1-19-89	AC
655	Final Inspection		
	A) Headspace	27 Jan 89	JS
	B) Trigger Pull	2.54 2.53 2.59 2.42 2.43	JS
	C) Function	27 Jan 89	JS
	D) Assemble Swivel Studs	27 Jan 89	JS
660	Pack	22 Mar 89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06348878DATE 30 Oct 89TESTER 918

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	252	232	229	245	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	222	254	245	249	
PULL #3	253	256	226	266	
PULL #4	269	263	232	260	
PULL #5	239	244	216	269	
TOTAL	1235	1250	1043	1289	
AVG.	247	250	2086	2578	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	305	306		
PULL #2	312	309		
PULL #3	337	309		
PULL #4	335	317		
PULL #5	327	317		
TOTAL	1616	1558		
AVG.	3232	3116		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	404	397		410
PULL #2	403	401		412
PULL #3	405	404		410
PULL #4	401	401		409
PULL #5	393	407		436
TOTAL	2006	2010		2077
AVG.	4012	402		4154

*Jan 20, 1989*CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225481

CENTROIDAL DISTANCES

0 TO	1	.264153
1 TO	2	.255163
1 TO	3	.404022
1 TO	4	.223289
1 TO	5	.207039

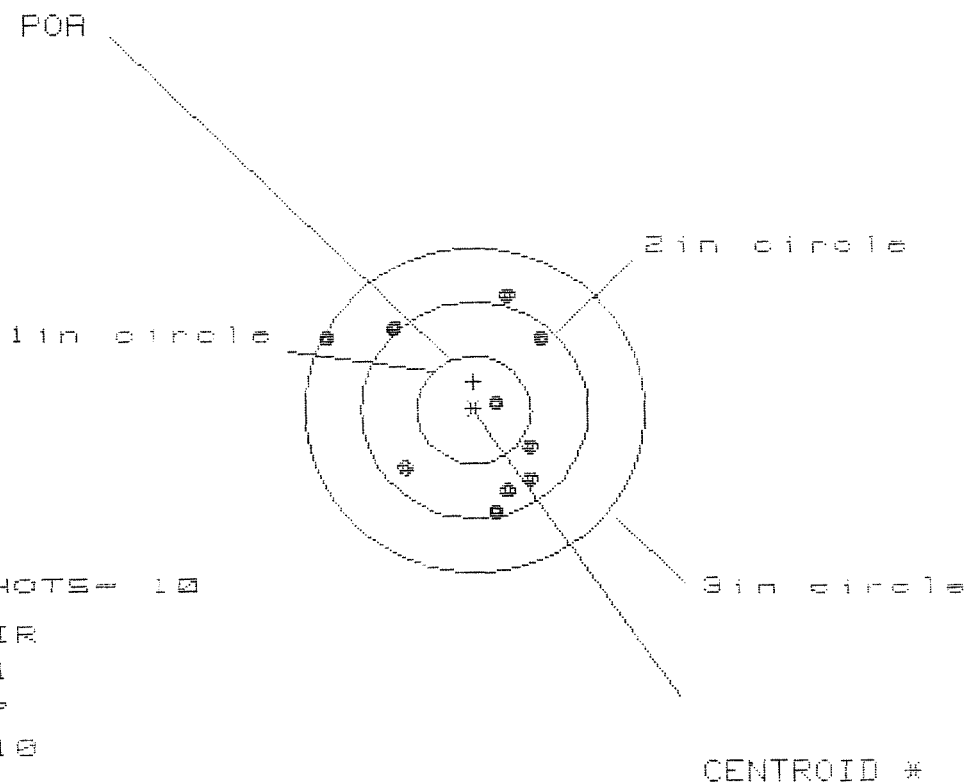
* ---- POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1268
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1332
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .183903
THE AMR FOR THIS RIFLE IS: .908

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CENTERFIRE PATTERNS # 1



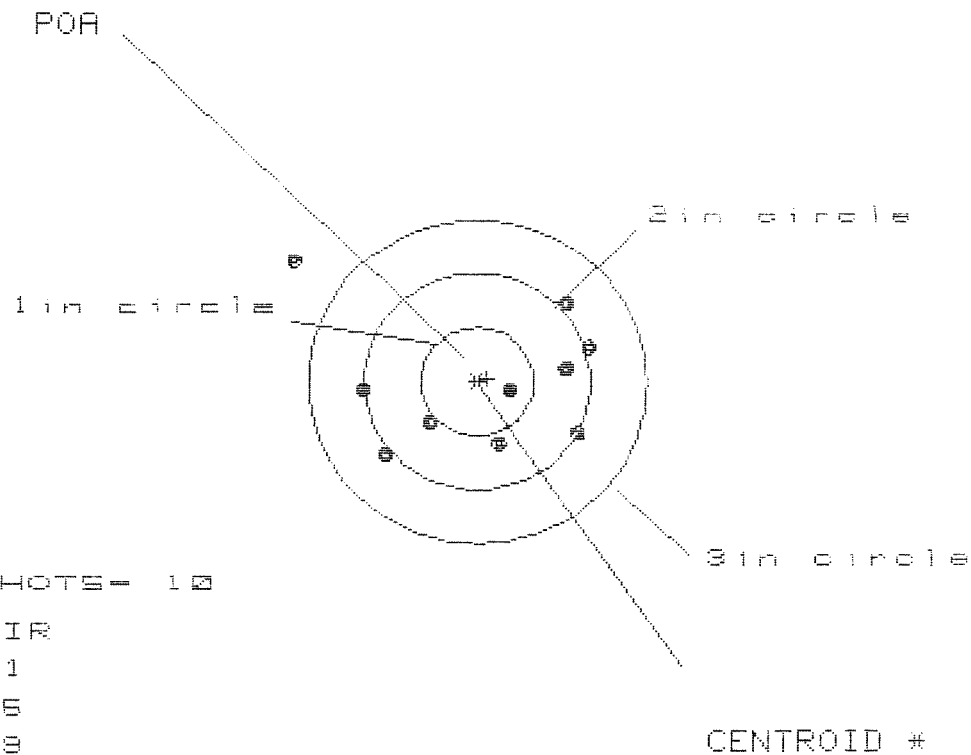
HS= 1.957
 VS= 1.954
 GS= 2.221

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.633	.486	.508
MINIMUM X	-1.324	-.817	-.796
MAXIMUM Y	1.026	1.098	1.022
MINIMUM Y	-.928	-.856	-.719
CENTROID X	.009	.156	.135
CENTROID Y	-.264	-.336	-.473
POA TO CENTROID in.	.264	.378	.492
MIN RADIUS	.163	.141	.279
MEAN RADIUS	.861	.758	.697
MAX RADIUS	1.476	1.204	1.295
HORIZONTAL SPREAD	1.957	1.303	1.303
VERTICAL SPREAD	1.954	1.954	1.741
EXTREME SPREAD	2.221	1.957	1.952
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.588

VS= 1.776

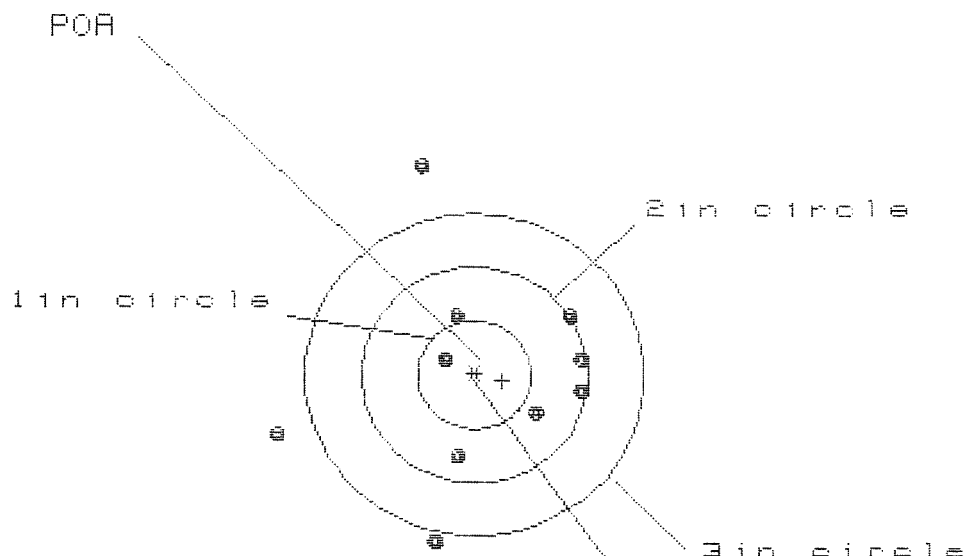
GS= 2.961

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.941	.758	.637
MINIMUM X	:	-1.647	-1.150	-1.271
MAXIMUM Y	:	1.105	.809	.741
MINIMUM Y	:	-.671	-.548	-.542
CENTROID X	:	-.083	.100	.221
CENTROID Y	:	-.026	-.149	-.081
POA TO CENTROID in.	:	.087	.179	.236
MIN RADIUS	:	.283	.081	.067
MEAN RADIUS	:	.924	.750	.686
MAX RADIUS	:	1.983	1.150	1.273
HORIZONTAL SPREAD	:	2.588	1.908	1.908
VERTICAL SPREAD	:	1.776	1.357	1.283
EXTREME SPREAD	:	2.961	2.062	1.960
NUMBER IN ONE INCH CIRCLE	=		1	
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 = 1

2 in = 7

3 in = 7

HS= 2.720

VS= 3.569

GS= 3.572

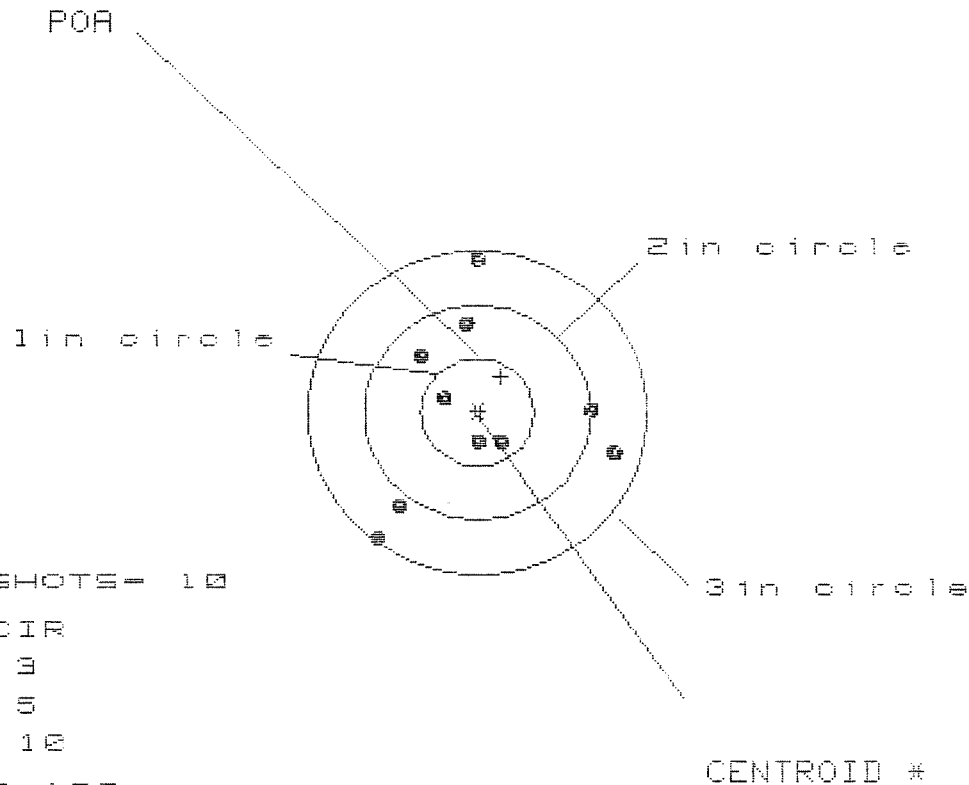
CENTROID *

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.966	.915	.690
MINIMUM X	-1.754	-1.805	-.587
MAXIMUM Y	1.988	.762	.716
MINIMUM Y	-1.581	-1.360	-1.406
CENTROID X	-.244	-.193	.032
CENTROID Y	.051	-.170	-.124
POA TO CENTROID in.	.249	.258	.128
MIN RADIUS	.350	.500	.327
MEAN RADIUS	1.064	.946	.793
MAX RADIUS	2.039	1.842	1.524
HORIZONTAL SPREAD	2.720	2.720	1.277
VERTICAL SPREAD	3.569	2.122	2.122
EXTREME SPREAD	3.572	2.777	2.366
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	7		

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 10

HS= 2.138

VS= 2.531

GS= 2.706

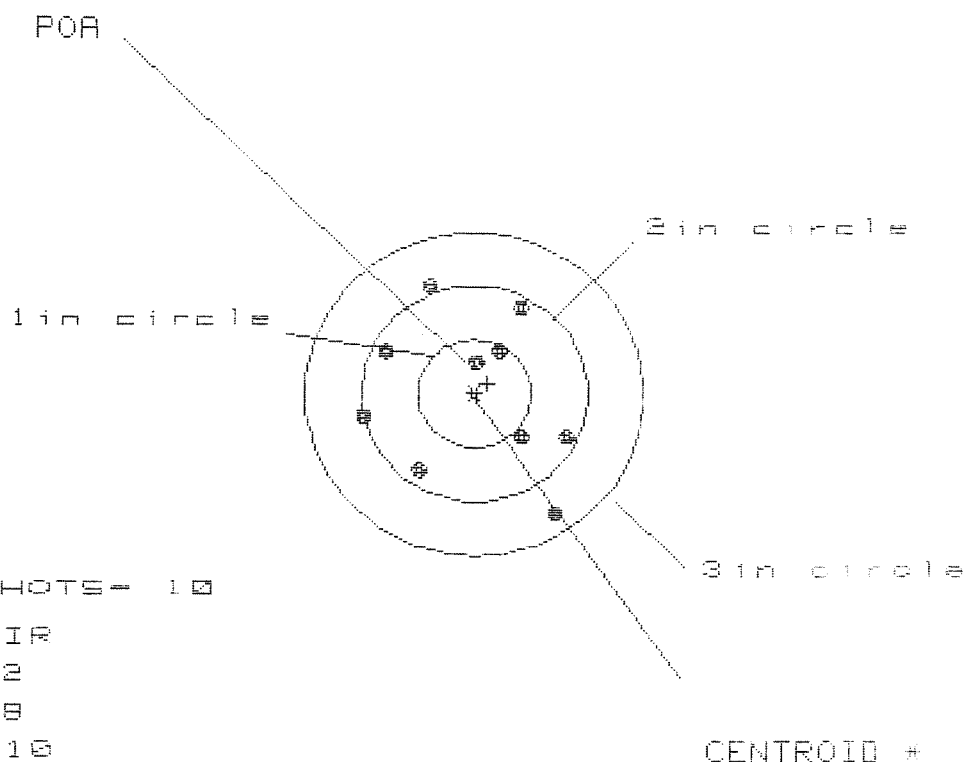
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.221	1.119	1.111
MINIMUM X	:	-.917	-.809	-.817
MAXIMUM Y	:	1.390	1.264	.859
MINIMUM Y	:	-1.141	-1.014	-.857
CENTROID X	:	-.204	-.102	-.094
CENTROID Y	:	-.331	-.205	-.362
POA TO CENTROID in.	:	.389	.229	.375
MIN RADIUS	:	.229	.365	.210
MEAN RADIUS	:	.865	.808	.727
MAX RADIUS	:	1.464	1.297	1.193
HORIZONTAL SPREAD	:	2.138	1.928	1.928
VERTICAL SPREAD	:	2.531	2.278	1.715
EXTREME SPREAD	:	2.706	2.397	1.997
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 8

3 in = 10

HS= 1.811

VS= 2.089

GS= 2.352

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.859	.935	.895
MINIMUM X	:	-.952	-.876	-.916
MAXIMUM Y	:	.982	.859	.743
MINIMUM Y	:	-1.107	-.777	-.670
CENTROID X	:	-.112	-.188	-.148
CENTROID Y	:	-.096	.027	-.080
POA TO CENTROID in.	:	.147	.190	.159
MIN RADIUS	:	.320	.205	.305
MEAN RADIUS	:	.826	.753	.736
MAX RADIUS	:	1.302	1.079	.994
HORIZONTAL SPREAD	:	1.811	1.811	1.811
VERTICAL SPREAD	:	2.089	1.636	1.413
EXTREME SPREAD	:	2.352	1.877	1.866
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	