

C6225573

MODEL 700™ M24

Model **SMS**™

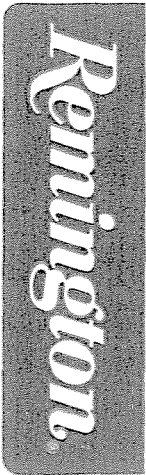
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R & E NUMBER

146508

SERIAL NUMBER

C10225573

LOG-IN DATE

6-17-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	7-13-09	RTZ
505	RE-BARREL	7-16-09	RP
420	ASSEMBLE	7-16-09	RTZ
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	MD
530 & 540	APPLY COATINGS	7-28-09	—
560	FINAL ASSEMBLY	7-30-09	RTZ
640	FUNCTION TEST AND	8-15-09	RP
650	TARGET	8-15-09	RP
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	8-5-09
670	FINAL INSPECTION	8-17-09	RP
	A) HEADSPACE	(PASS) FAIL	8-17-09
	B) TRIGGER PULL	241 249 246 244 241 8-17-09	RP
680	F) SAFETY ON FORCE	2.2 2.2 2.2 8-17-09	RP
	G) SAFETY OFF FORCE	4.2 4.2 4.0 8-17-09	RP
	I) FIRING PIN INDENT	.028 .028 .028 8-17-09	RP
690	PACK	9-10-09	RP

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225573.___0
FILE DATE AND TIME: 08/07/2009 07:35

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

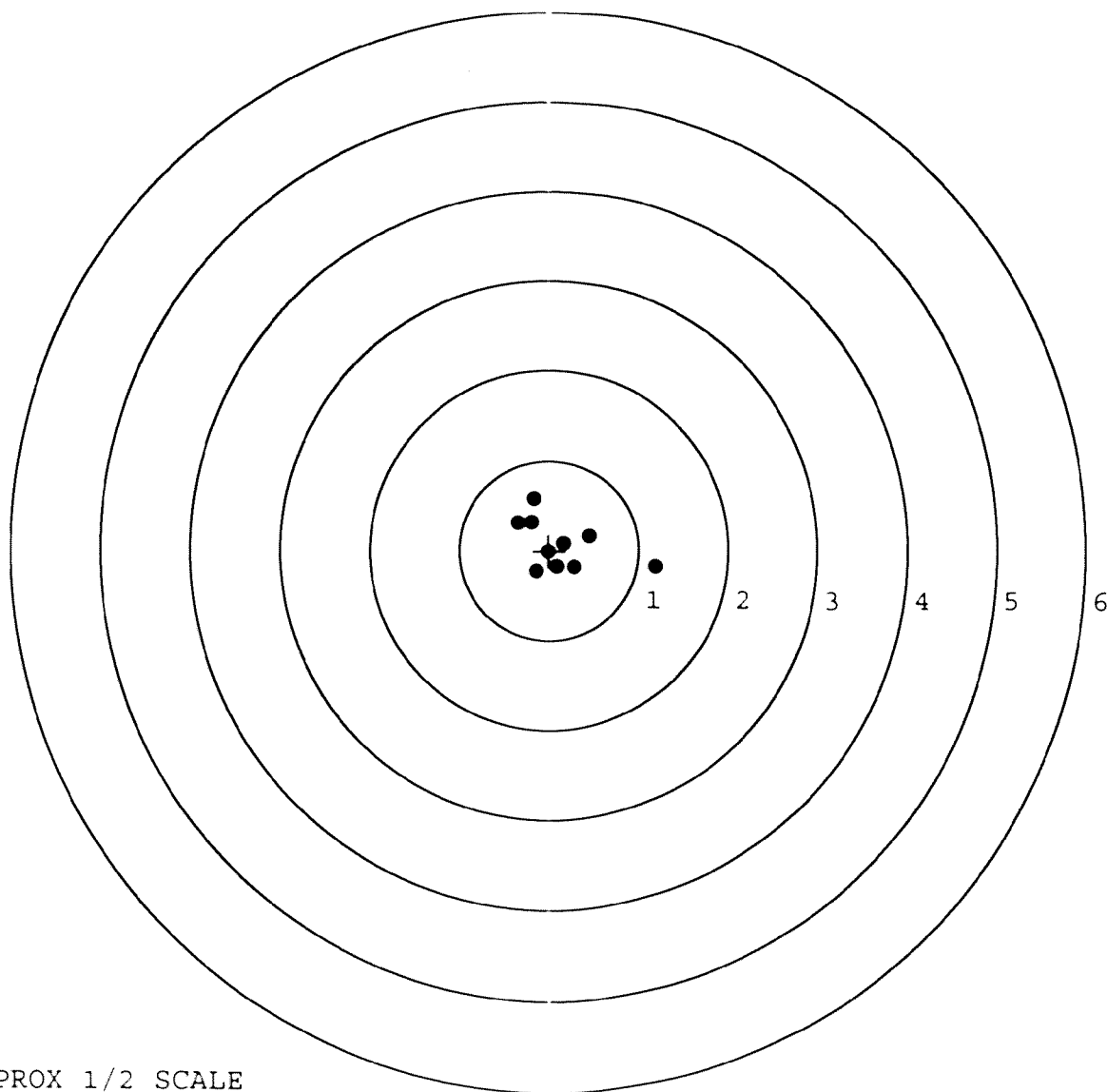
The Average X Centroid of the Five Target Set:	0.104
The Average Y Centroid of the Five Target Set:	0.046
The Average Point of Impact of the Five Target Set:	0.114
The Average Mean Radius of the Five Target Set:	0.523
The Distance from POA to Centroid Target #1:	0.145
The Distance from Centroid Target #2 to Centroid Target #1:	0.221
The Distance from Centroid Target #3 to Centroid Target #1:	0.059
The Distance from Centroid Target #4 to Centroid Target #1:	0.118
The Distance from Centroid Target #5 to Centroid Target #1:	0.082

BARBER - M24 0051722

SERIAL NUMBER: C6225573. __0
TARGET NUMBER: 1
FILE DATE: 08/07/2009
FILE TIME: 07:35

POINT#	X	Y
1:	1.191	-0.188
2:	0.448	0.162
3:	0.282	-0.188
4:	0.163	0.086
5:	-0.145	-0.235
6:	0.092	-0.186
7:	-0.171	0.576
8:	-0.341	0.310
9:	-0.013	-0.019
10:	-0.199	0.317

X CENTROID: 0.131
Y CENTROID: 0.063
POA TO CENTROID: 0.145
HORZ SPREAD: 1.532
VERT SPREAD: 0.811
GROUP SPREAD: 1.611
MIN RADIUS: 0.039
MAX RADIUS: 1.090
MEAN RADIUS: 0.412
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0051723

SERIAL NUMBER: C6225573. __0

TARGET NUMBER: 2

FILE DATE: 08/07/2009

FILE TIME: 07:35

POINT#	X	Y
1:	1.194	-1.031
2:	-0.851	-0.392
3:	-0.420	-0.428
4:	-0.297	0.286
5:	0.225	-0.494
6:	0.506	-0.111
7:	0.146	0.576
8:	0.170	0.257
9:	0.283	-0.211
10:	0.118	-0.012

X CENTROID: 0.107

Y CENTROID: -0.156

POA TO CENTROID: 0.189

HORZ SPREAD: 2.045

VERT SPREAD: 1.607

GROUP SPREAD: 2.143

MIN RADIUS: 0.144

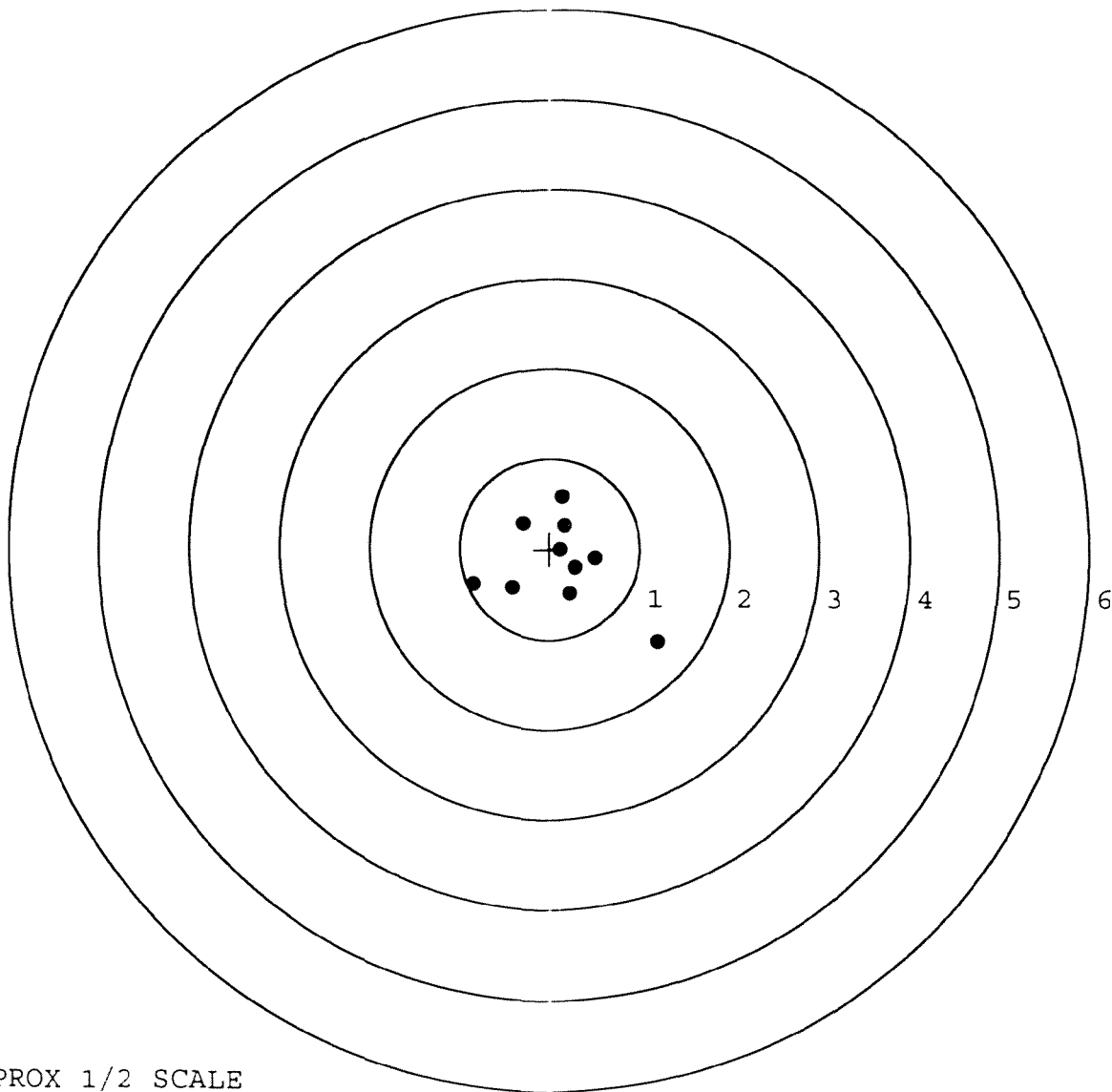
MAX RADIUS: 1.395

MEAN RADIUS: 0.581

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



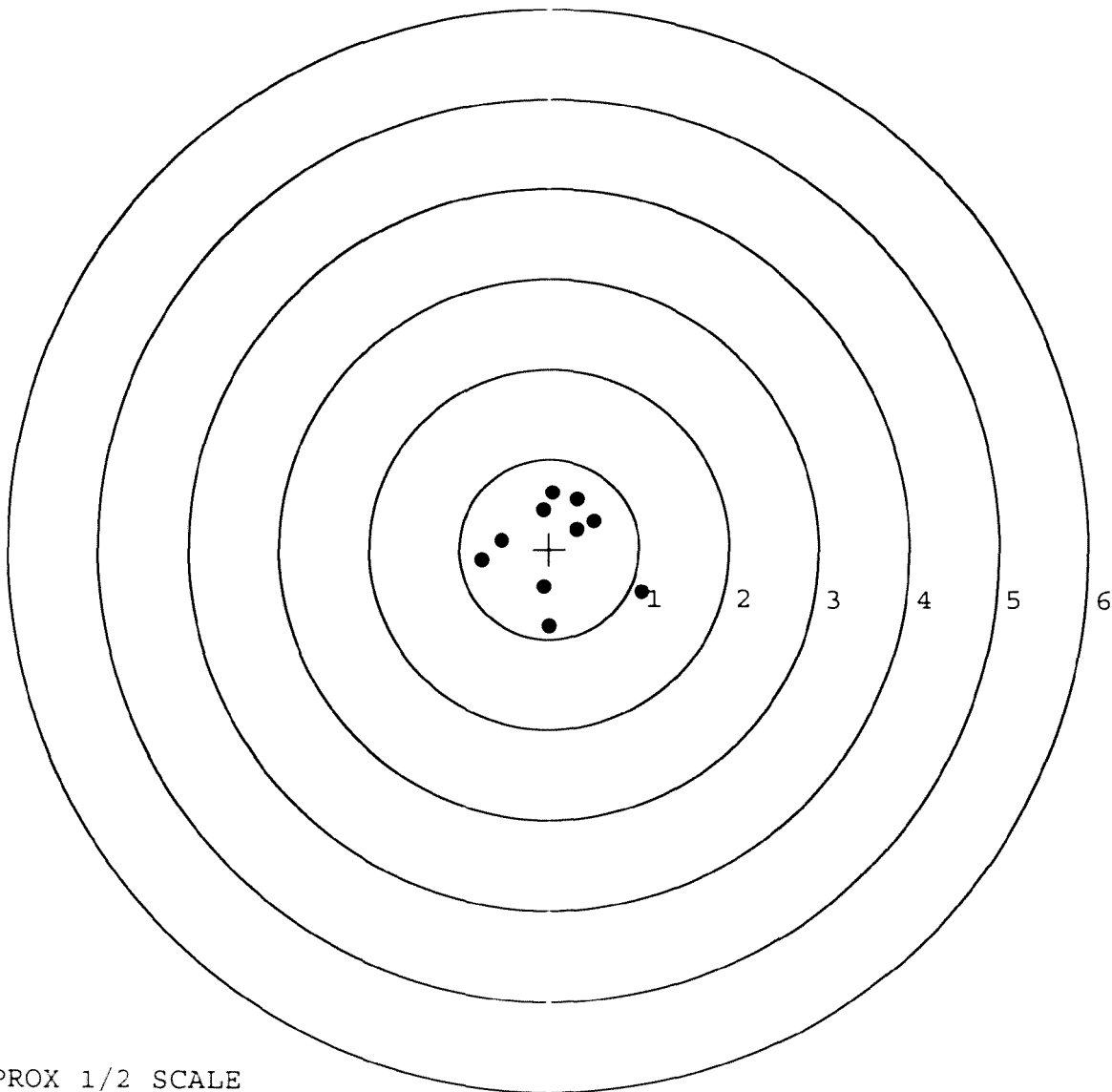
TARGET APPROX 1/2 SCALE

BARBER - M24 0051724

SERIAL NUMBER: C6225573. __0
TARGET NUMBER: 3
FILE DATE: 08/07/2009
FILE TIME: 07:35

POINT#	X	Y
1:	-0.003	-0.864
2:	-0.055	-0.423
3:	1.029	-0.482
4:	-0.746	-0.130
5:	-0.532	0.100
6:	0.045	0.629
7:	-0.062	0.439
8:	0.494	0.312
9:	0.308	0.216
10:	0.315	0.556

X CENTROID: 0.079
Y CENTROID: 0.035
POA TO CENTROID: 0.087
HORZ SPREAD: 1.775
VERT SPREAD: 1.493
GROUP SPREAD: 1.810
MIN RADIUS: 0.291
MAX RADIUS: 1.081
MEAN RADIUS: 0.630
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0051725

SERIAL NUMBER: C6225573. __0

TARGET NUMBER: 4

FILE DATE: 08/07/2009

FILE TIME: 07:35

X CENTROID: 0.047

Y CENTROID: 0.146

POA TO CENTROID: 0.154

HORZ SPREAD: 1.737

VERT SPREAD: 1.410

GROUP SPREAD: 1.739

MIN RADIUS: 0.058

MAX RADIUS: 1.059

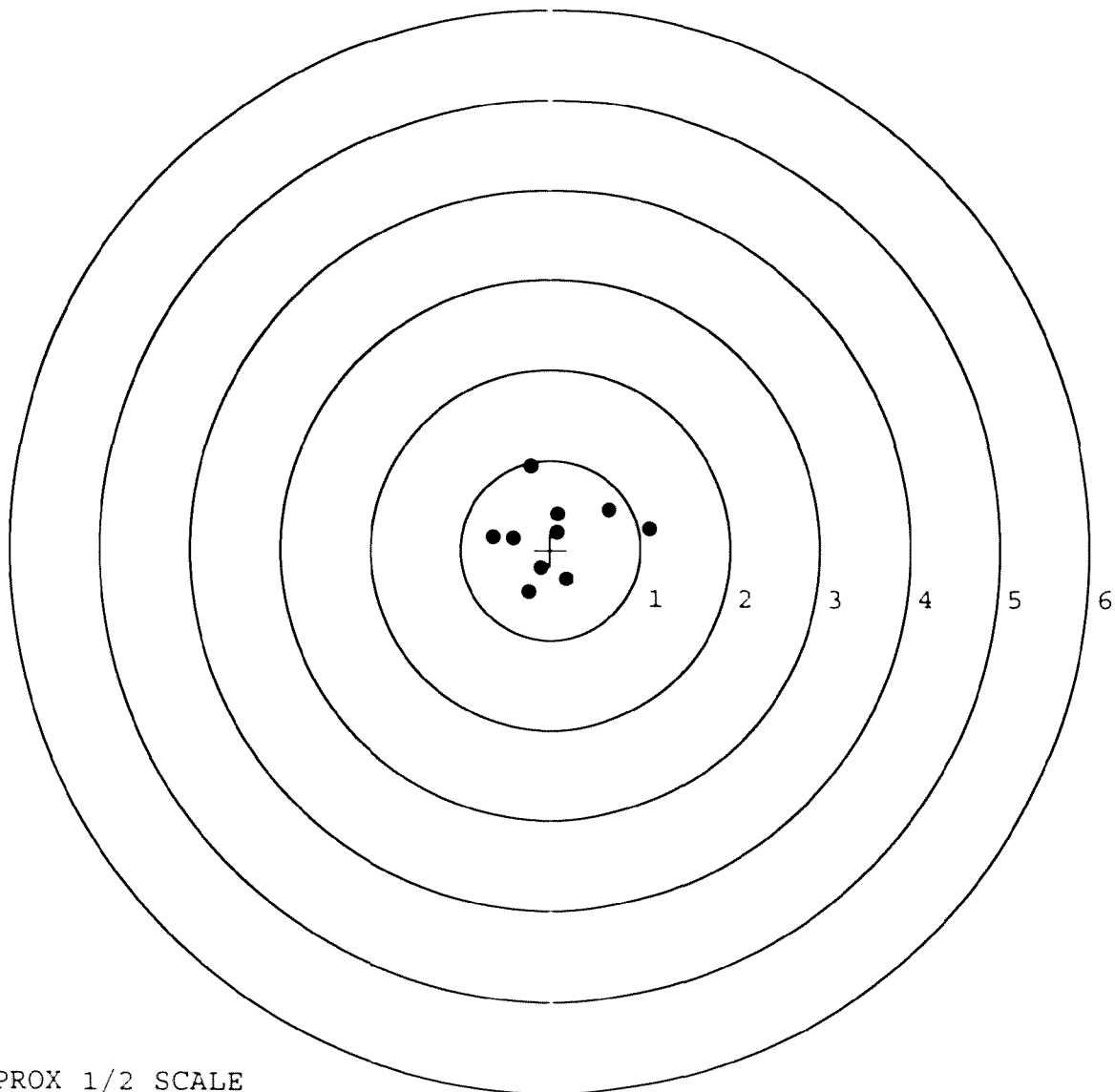
MEAN RADIUS: 0.558

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.103	0.224
2:	0.647	0.439
3:	-0.214	0.936
4:	0.083	0.402
5:	0.077	0.196
6:	0.174	-0.328
7:	-0.113	-0.206
8:	-0.245	-0.474
9:	-0.412	0.130
10:	-0.634	0.145



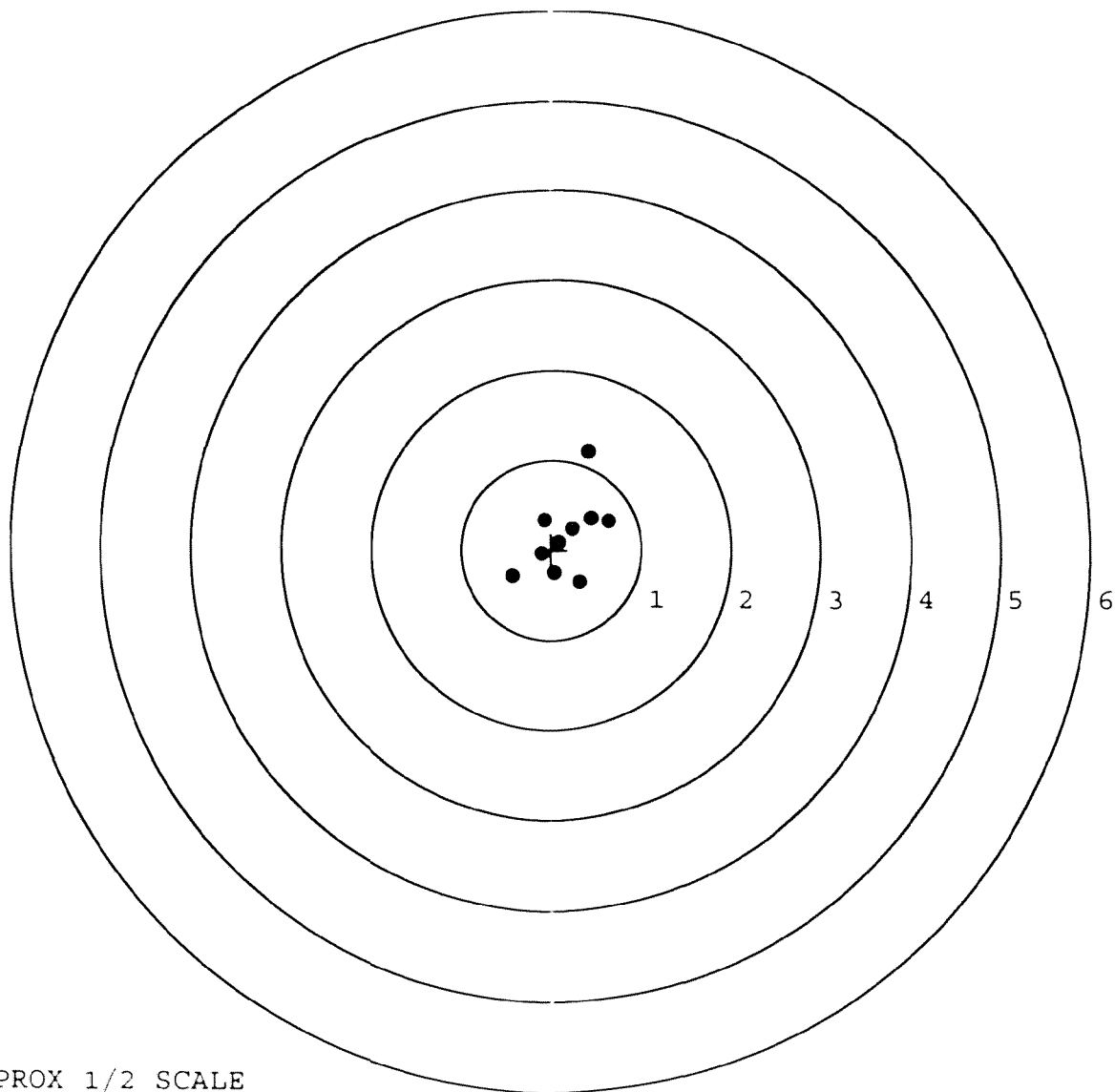
TARGET APPROX 1/2 SCALE

BARBER - M24 0051726

SERIAL NUMBER: C6225573. __0
TARGET NUMBER: 5
FILE DATE: 08/07/2009
FILE TIME: 07:35

POINT#	X	Y
1:	0.416	1.088
2:	0.638	0.312
3:	0.443	0.341
4:	0.314	-0.362
5:	0.235	0.228
6:	-0.075	0.327
7:	-0.431	-0.291
8:	0.034	-0.258
9:	-0.110	-0.043
10:	0.084	0.081

X CENTROID: 0.155
Y CENTROID: 0.142
POA TO CENTROID: 0.210
HORZ SPREAD: 1.069
VERT SPREAD: 1.450
GROUP SPREAD: 1.618
MIN RADIUS: 0.094
MAX RADIUS: 0.981
MEAN RADIUS: 0.435
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0051727

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: **RE00092989** Serial: **C6225573** Model: **M24 SWS** Center Fire
Caliber: **7.62 NATO** Produced: **03/21/1999** Repairman: Status: **Closed 2/11/2005 7:31:15 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**

FPL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

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

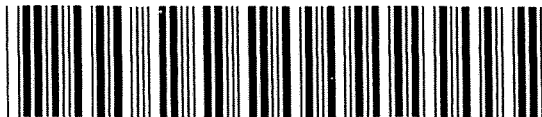
Repair Search **Refresh** **Close**

naslel 2/14/2005 9:12 AM CAPS NUM INS SCPL

start 5 2 3 Arms Service

Serial Number: **C6225573**

Model: **M24 SWS**



RE00092989

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225573.___0

FILE DATE AND TIME: 04/05/2005 08:09

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

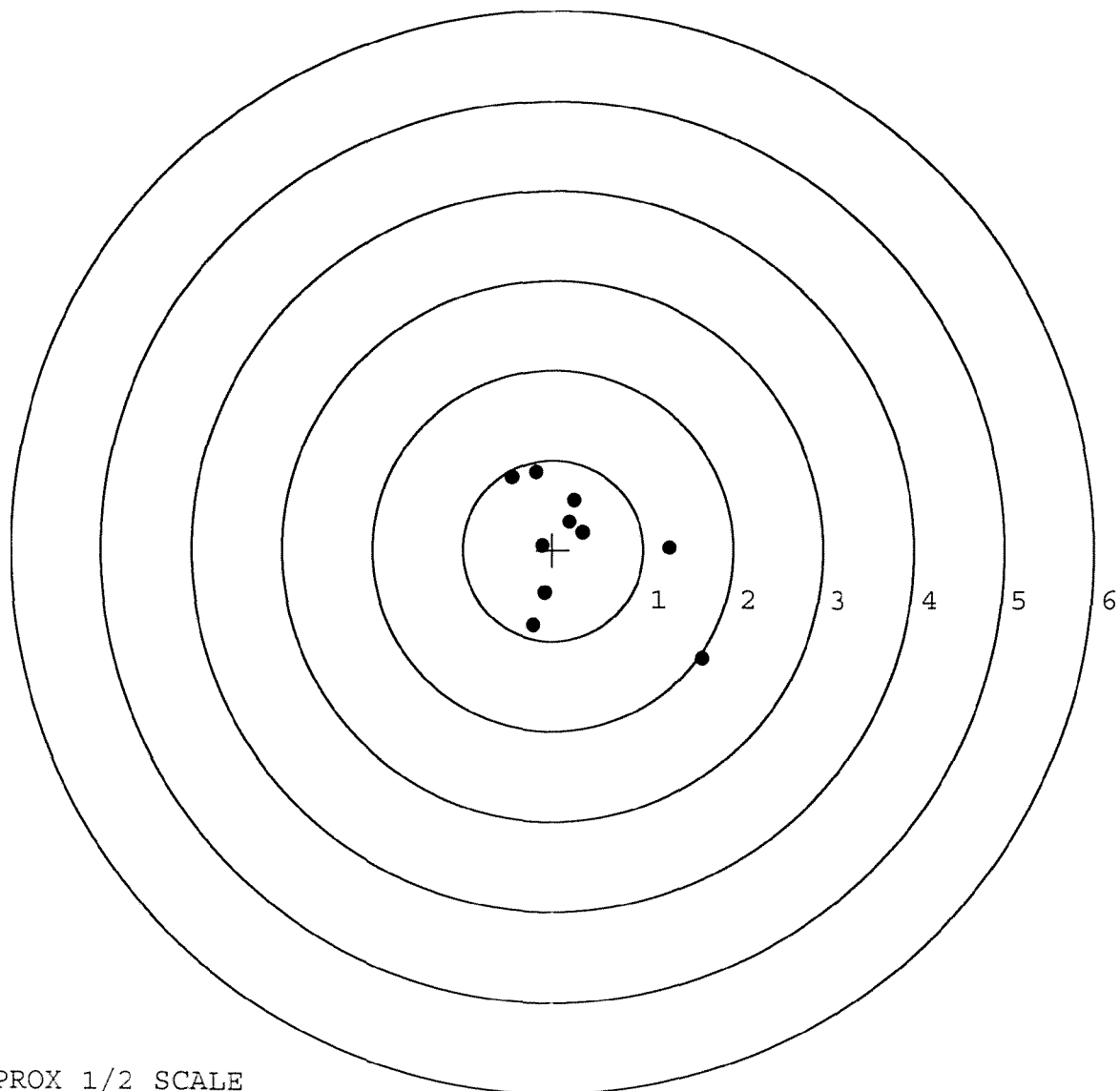
The Average X Centroid of the Five Target Set:	0.065
The Average Y Centroid of the Five Target Set:	-0.045
The Average Point of Impact of the Five Target Set:	0.079
The Average Mean Radius of the Five Target Set:	0.771
The Distance from POA to Centroid Target #1:	0.267
The Distance from Centroid Target #2 to Centroid Target #1:	0.393
The Distance from Centroid Target #3 to Centroid Target #1:	0.217
The Distance from Centroid Target #4 to Centroid Target #1:	0.446
The Distance from Centroid Target #5 to Centroid Target #1:	0.140

BARBER - M24 0051729

SERIAL NUMBER: C6225573. __0
TARGET NUMBER: 1
FILE DATE: 04/05/2005
FILE TIME: 08:09

POINT#	X	Y
1:	1.659	-1.202
2:	-0.217	-0.831
3:	-0.092	-0.479
4:	1.289	0.016
5:	-0.114	0.047
6:	0.334	0.187
7:	0.192	0.313
8:	0.245	0.552
9:	-0.185	0.868
10:	-0.453	0.812

X CENTROID: 0.266
Y CENTROID: 0.028
POA TO CENTROID: 0.267
HORZ SPREAD: 2.112
VERT SPREAD: 2.070
GROUP SPREAD: 2.918
MIN RADIUS: 0.173
MAX RADIUS: 1.859
MEAN RADIUS: 0.788
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9



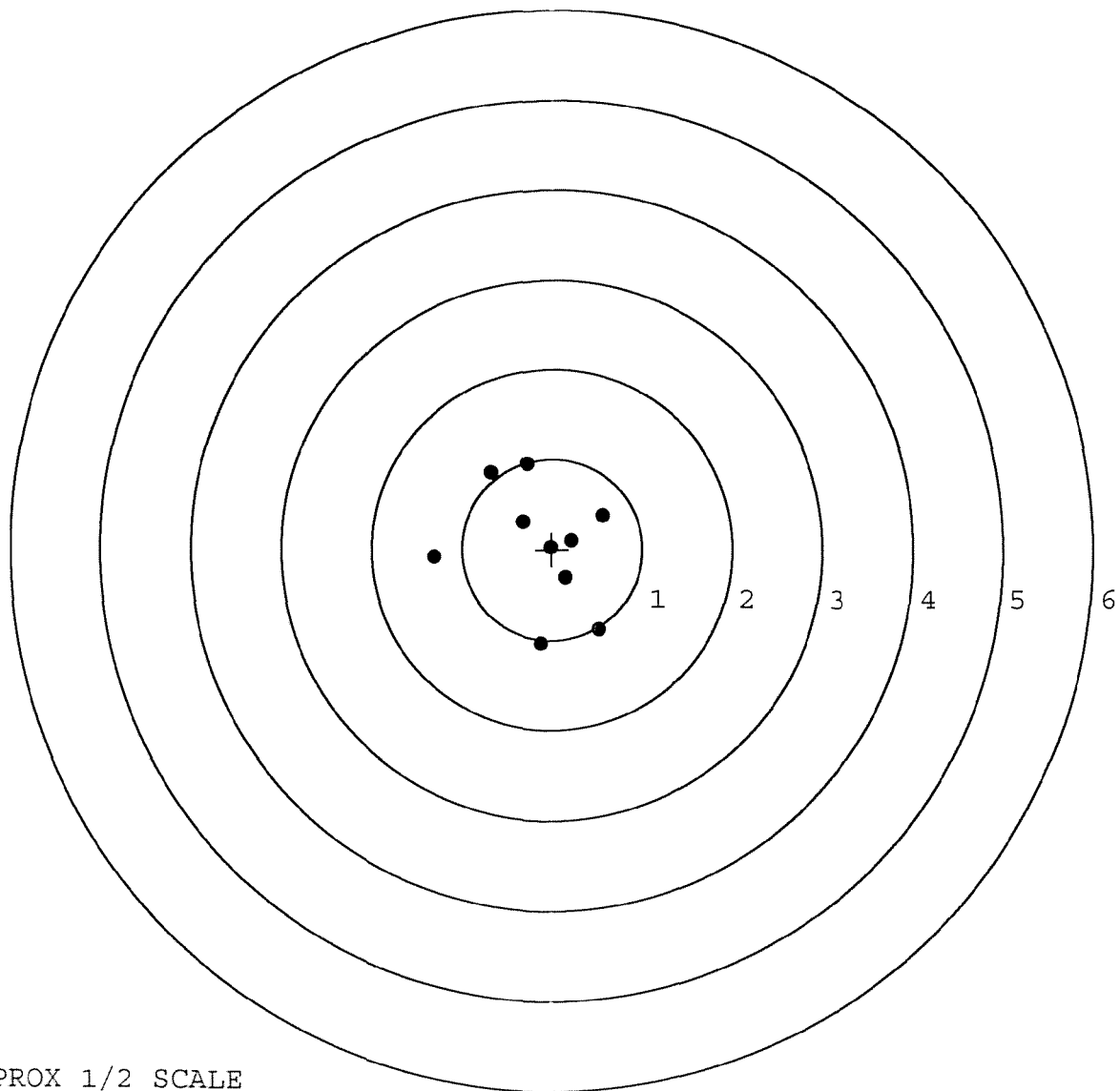
TARGET APPROX 1/2 SCALE

BARBER - M24 0051730

SERIAL NUMBER: C6225573. __0
TARGET NUMBER: 2
FILE DATE: 04/05/2005
FILE TIME: 08:09

POINT#	X	Y
1:	0.524	-0.887
2:	-0.123	-1.045
3:	0.566	0.372
4:	0.219	0.098
5:	-0.014	0.020
6:	0.150	-0.316
7:	-0.325	0.310
8:	-0.274	0.947
9:	-0.678	0.849
10:	-1.312	-0.089

X CENTROID: -0.127
Y CENTROID: 0.026
POA TO CENTROID: 0.129
HORZ SPREAD: 1.878
VERT SPREAD: 1.992
GROUP SPREAD: 2.002
MIN RADIUS: 0.113
MAX RADIUS: 1.191
MEAN RADIUS: 0.733
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0051731

SERIAL NUMBER: C6225573. __0

TARGET NUMBER: 3

FILE DATE: 04/05/2005

FILE TIME: 08:09

POINT#	X	Y
1:	0.923	-0.964
2:	0.572	-0.394
3:	0.420	-0.493
4:	0.202	-0.296
5:	-0.158	-0.051
6:	-0.507	-0.038
7:	0.417	0.070
8:	0.238	0.185
9:	-0.302	0.462
10:	-0.956	0.599

X CENTROID: 0.085

Y CENTROID: -0.092

POA TO CENTROID: 0.125

HORZ SPREAD: 1.879

VERT SPREAD: 1.563

GROUP SPREAD: 2.444

MIN RADIUS: 0.235

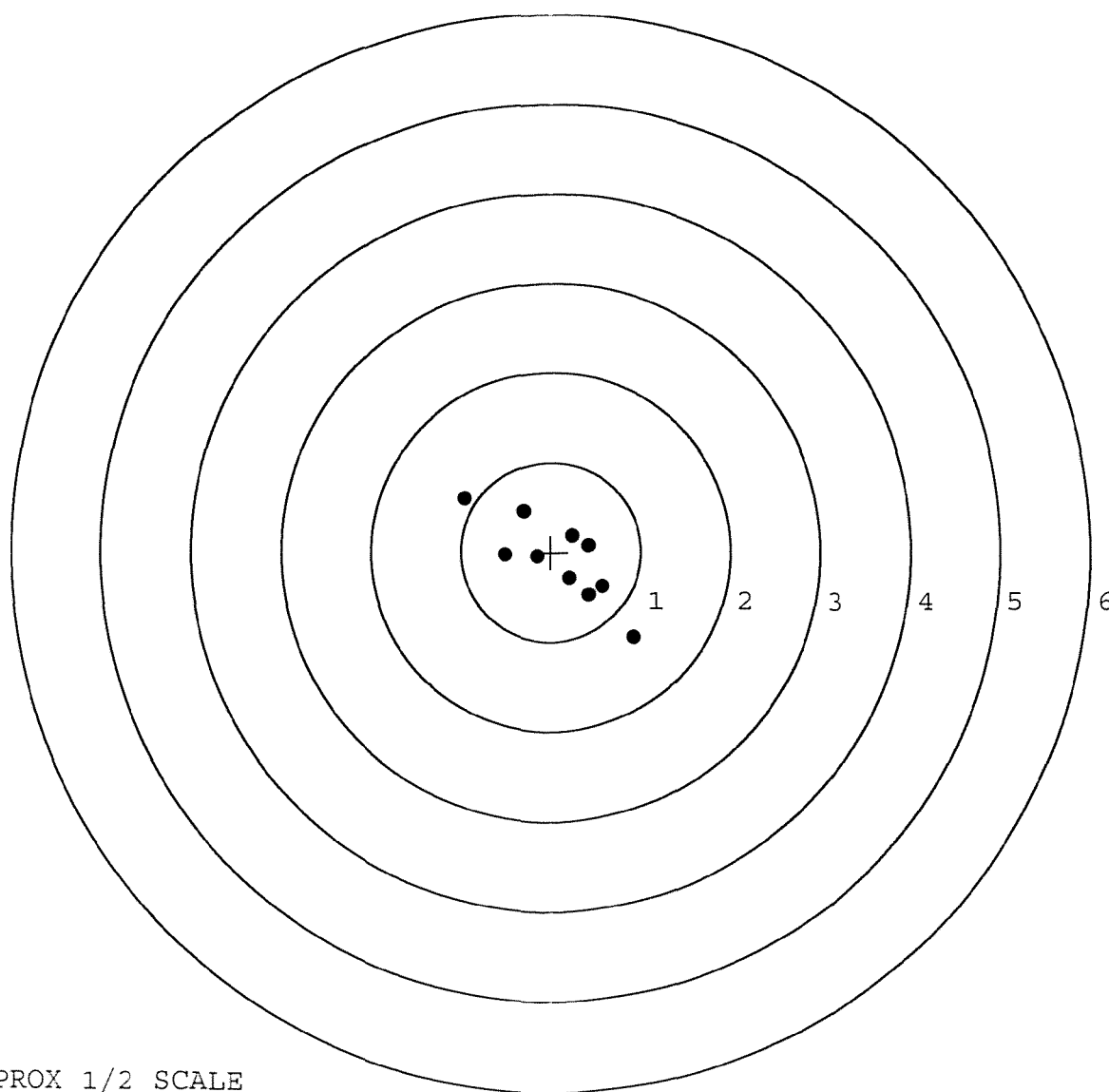
MAX RADIUS: 1.249

MEAN RADIUS: 0.599

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



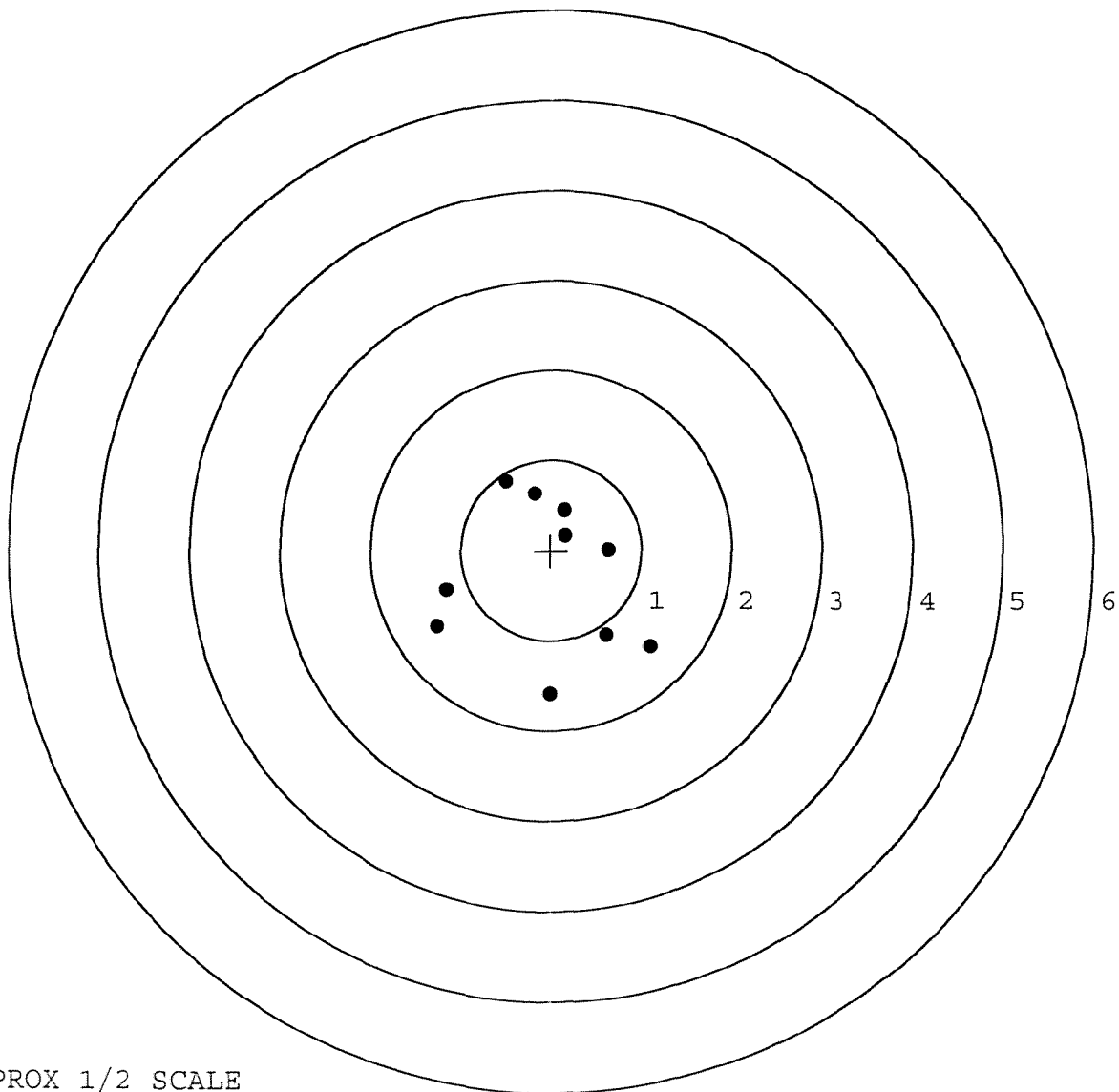
TARGET APPROX 1/2 SCALE

BARBER - M24 0051732

SERIAL NUMBER: C6225573. __0
TARGET NUMBER: 4
FILE DATE: 04/05/2005
FILE TIME: 08:09

POINT#	X	Y
1:	1.096	-1.069
2:	0.612	-0.942
3:	-0.009	-1.603
4:	-1.265	-0.847
5:	-1.158	-0.446
6:	0.630	0.007
7:	0.155	0.162
8:	0.153	0.442
9:	-0.186	0.627
10:	-0.501	0.771

X CENTROID: -0.047
Y CENTROID: -0.290
POA TO CENTROID: 0.294
HORZ SPREAD: 2.361
VERT SPREAD: 2.374
GROUP SPREAD: 2.436
MIN RADIUS: 0.495
MAX RADIUS: 1.384
MEAN RADIUS: 1.016
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

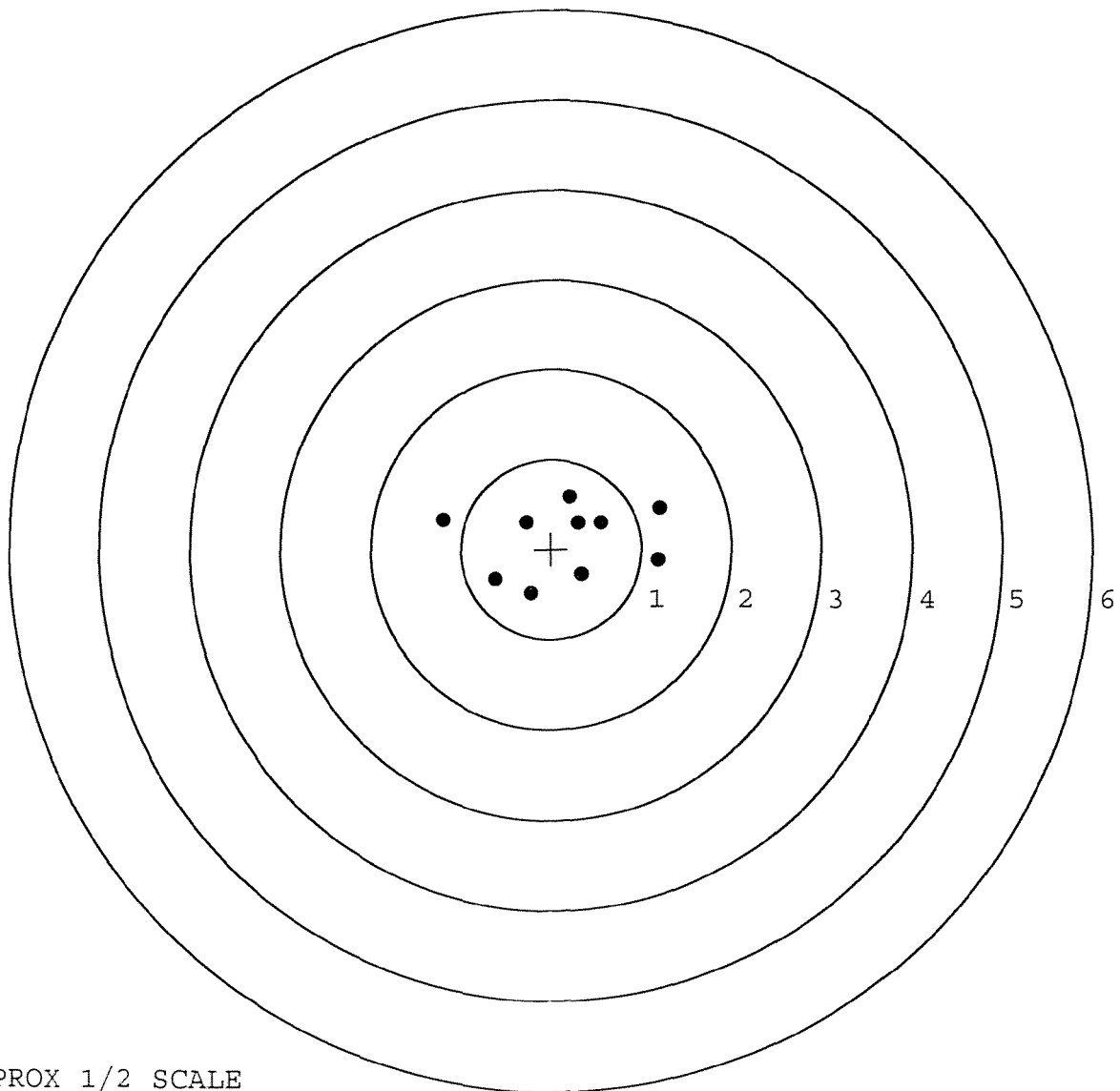
BARBER - M24 0051733

SERIAL NUMBER: C6225573. __0
TARGET NUMBER: 5
FILE DATE: 04/05/2005
FILE TIME: 08:09

POINT#	X	Y
1:	1.180	-0.123
2:	1.194	0.466
3:	-1.195	0.325
4:	-0.276	0.302
5:	-0.614	-0.337
6:	-0.223	-0.496
7:	0.343	-0.285
8:	0.549	0.296
9:	0.305	0.296
10:	0.213	0.588

X CENTROID: 0.148
Y CENTROID: 0.103
POA TO CENTROID: 0.180
HORZ SPREAD: 2.389
VERT SPREAD: 1.084
GROUP SPREAD: 2.417
MIN RADIUS: 0.249
MAX RADIUS: 1.361
MEAN RADIUS: 0.720

IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	92989		
SERIAL NUMBER	C6225573		
LOG-IN DATE	2-11-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-19-05	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	2-24-05	RTZ
615	ROLLMARK CALIBER	3-1-05	CW
618	ROTO-BLAST	3-3-05	LB
620	APPLY COATINGS	3/16/05	HP
625 A	FINAL ASSEMBLY	3-30-05	RTZ
B	TRIGGER PULL TEST	4-8-05	TRW
C	SAFETY "ON" FORCE	4-11-05	RTZ
D	SAFETY "OFF" FORCE	4-11-05	RTZ
E	FIRING PIN INDENT	4-11-05	RTZ
640	TARGET	4-5-05	TRW
655	FINAL INSPECT	4-11-05	RTZ
660	PACK	4-25-05	RTZ
		SHIP DATE	
QAR INSPECTION DATE			

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

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

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

MODEL 700TM H24

SERIAL NO.
C6225573

ORDER NO.
5716

20

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

UPC
0 47700 25716 7

5716 C6225573

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225573

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock	9 12	8 8	FB
600	Proof	9 19	8 8	RW
607	Check Headspace	9 19	8 8	RW
610	Dis-assemble Gun	9 19	8 8	RW
612	Magnaflux Barrel Action		9-22-88	Pfl.
	Magnaflux Bolt		9-22-88	Pfl.
615	Rollmark Caliber		9-26-88	GS
617	Drill and Tap Sight Holes		10-12-88	FB
618	Polish Barrel		10-12-88	BT
620	Apply Coatings (Barrel Action)		10-31-88	TJA
	Apply Coating (Bolt)		10-31-88	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		11/15/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/15/88	RW
	C) Inspect Ejector Hole for Chamfer		11/15/88	RW
	D) Oil Firing Pin Ass'y		11/15/88	RW
	E) Adjust Trigger Pull to Min Setting and Stake		15 NOV 88	DS

BARBER - M24 0051737

BARBER - M24 0051737								
op. #	OP. NAME	READINGS			DATE	INITIAL		
625 cont.	F) Safety On Force	4	4	4	17 Nov 88	JS		
	G) Safety Off Force	3	3	3	17 Nov 88	JS		
	H) Trigger Pull Test & Retainability				15 Nov 88	JS		
	I) Firing Pin Indent	.0205	.021	.021	17 Nov 88	JS		
	J) Assemble Stock				1/17/88	RW		
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies				1/10/89	RW		
	M) Iron Sight Alignment				1/10/89	RW		
	N) Detach Front & Rear Sights & place in numbered container				1/10/89	RW		
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times				1/16/89	JS		
640	Gallery Target & Test	43 R	1096		1/20/89	D/H		
	A) Time				1/20/89	D/H		
	B) Malfunctions				1/20/89	D/H		
	C) Pierced Primers				1/20/89	D/H		
	D) Optical Clarity of Scope				1/20/89	D/H		
645	Inspect for Live Ammo				1/20/89	D/H		
655	Final Inspection							
	A) Headspace				27 Jan 89	JS		
	B) Trigger Pull	2.33	2.22	2.21	2.21	2.27	27 Jan 89	JS
	C) Function						27 Jan 89	JS
660	Pack						27 Jan 89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO.

DATE 5/11/89

TESTER WAB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.53	2.49	2.60	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.49	2.51	2.42	2.47	
PULL #3	2.44	2.46	2.44	2.40	
PULL #4	2.46	2.51	2.44	2.46	
PULL #5	2.47	2.57	2.40	2.59	
TOTAL	12.33	12.58	12.19	12.52	
AVG.	2.46	2.51	2.44	2.504	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.03	3.24		
PULL #2	2.90	2.95		
PULL #3	3.17	2.96		
PULL #4	3.10	2.88		
PULL #5	3.03	3.01		
TOTAL	15.23	14.74		
AVG.	3.04			

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.00	3.88		4.23
PULL #2	3.99	3.85		4.27
PULL #3	3.82	3.80		4.13
PULL #4	3.94	3.81		4.25
PULL #5	3.84	3.79		4.12
TOTAL	19.59	19.13		21.00
AVG.	3.92	3.82		4.20

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225573
26 Jan 1989

CENTROIDAL DISTANCES

0 TO	1	.116155
1 TO	2	.110549
1 TO	3	.974807
1 TO	4	.660553
1 TO	5	1.02865

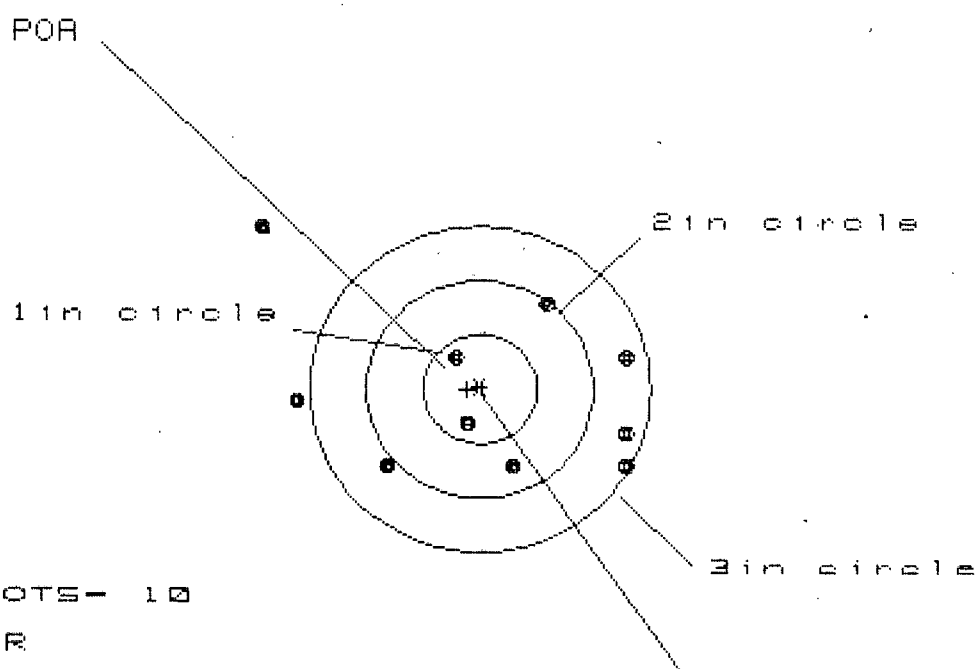
3
54 * <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.33
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .248
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .4128
THE AMR FOR THIS RIFLE IS: .9148

23 Jan 1989

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CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 3

3in = 8

HS= 3.221

VS= 2.184

GS= 3.830

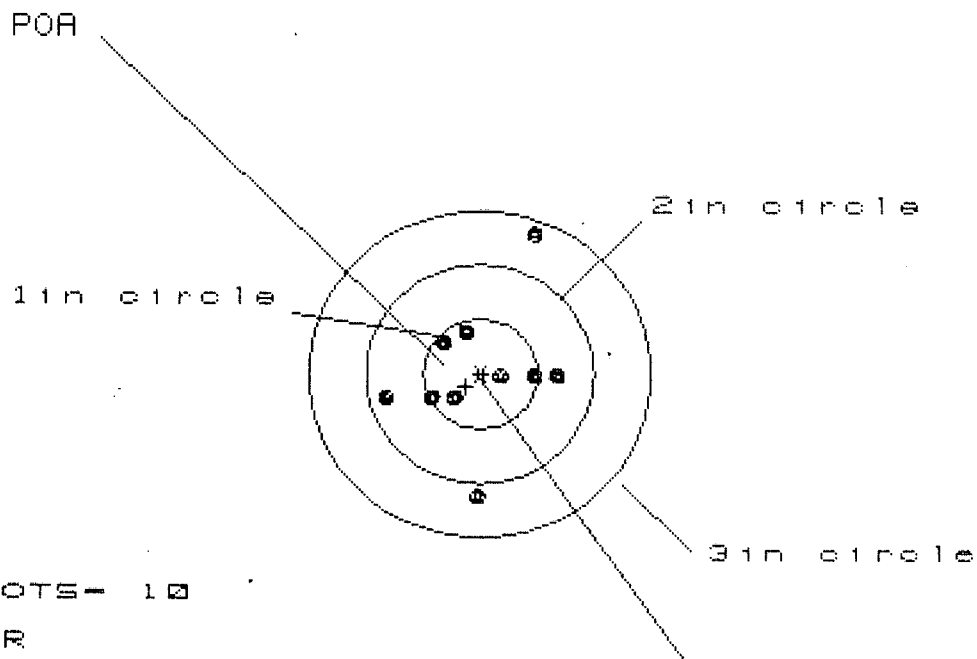
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.302	1.089	.864
MINIMUM X	-1.919	-1.804	-1.300
MAXIMUM Y	1.458	.987	.995
MINIMUM Y	-.726	-.564	-.556
CENTROID X	.116	.329	.554
CENTROID Y	.006	-.156	-.164
POA TO CENTROID in.	.116	.364	.578
MIN RADIUS	.327	.355	.515
MEAN RADIUS	1.166	1.000	.888
MAX RADIUS	2.410	1.805	1.414
HORIZONTAL SPREAD	3.221	2.893	2.164
VERTICAL SPREAD	2.184	1.551	1.551
EXTREME SPREAD	3.830	2.918	2.333
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	8		

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 6

2in = 8

3in = 10

HS= 1.515

VS= 2.400

GS= 2.440

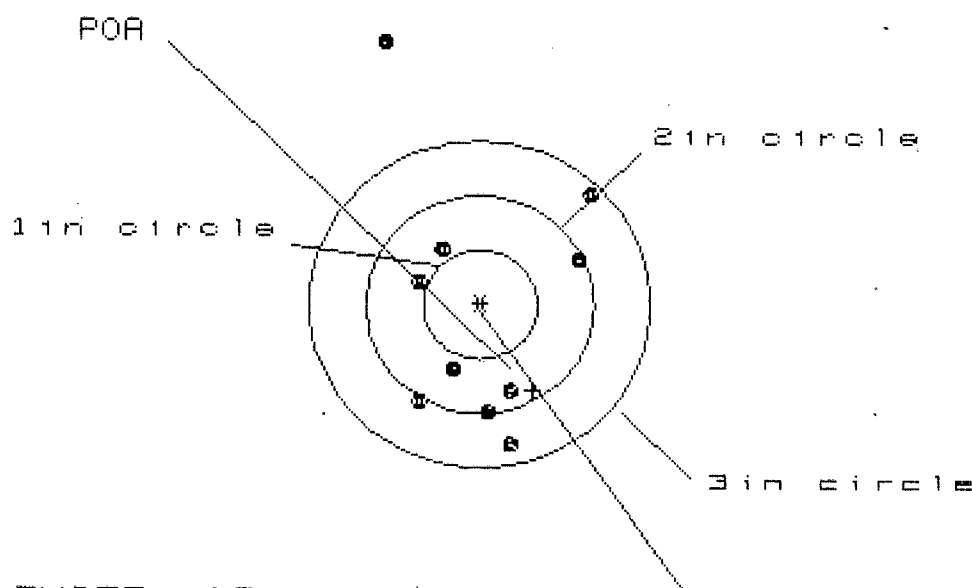
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.784	.753	.760
MINIMUM X	:	-.811	-.762	-.755
MAXIMUM Y	:	1.261	.532	.407
MINIMUM Y	:	-1.139	-.999	-.243
CENTROID X	:	.127	.078	.071
CENTROID Y	:	.116	-.024	.101
POA TO CENTROID in.	:	.172	.081	.123
MIN RADIUS	:	.208	.182	.261
MEAN RADIUS	:	.630	.547	.477
MAX RADIUS	:	1.336	1.000	.793
HORIZONTAL SPREAD	:	1.515	1.515	1.515
VERTICAL SPREAD	:	2.400	1.531	.650
EXTREME SPREAD	:	2.440	1.534	1.531
NUMBER IN ONE INCH CIRCLE	=		6	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 0

2in = 6

3in = 9

HS= 1.724

VS= 3.736

GS= 3.885

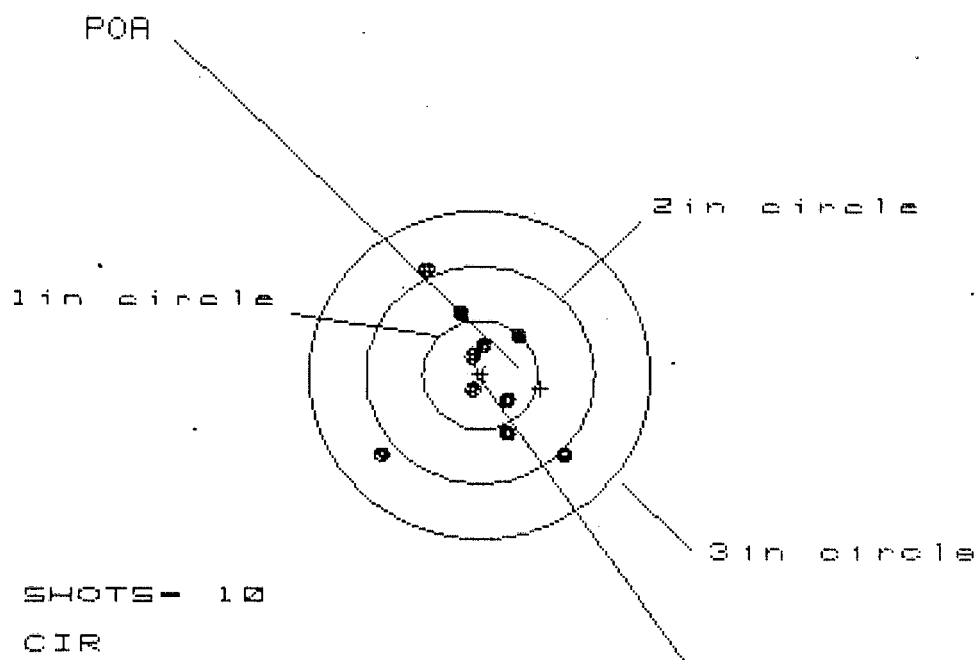
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.935	.847	.860
MINIMUM X	:	-.789	-.640	-.534
MAXIMUM Y	:	2.406	1.324	.939
MINIMUM Y	:	-1.330	-1.063	-.897
CENTROID X	:	-.466	-.378	-.484
CENTROID Y	:	.788	.521	.355
POA TO CENTROID in.	:	.916	.644	.601
MIN RADIUS	:	.538	.446	.251
MEAN RADIUS	:	1.088	.876	.734
MAX RADIUS	:	2.532	1.572	1.187
HORIZONTAL SPREAD	:	1.724	1.487	1.394
VERTICAL SPREAD	:	3.736	2.387	1.836
EXTREME SPREAD	:	3.885	2.476	1.951
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 8

3 in = 10

HS= 1.550

VS= 1.751

GS= 2.059

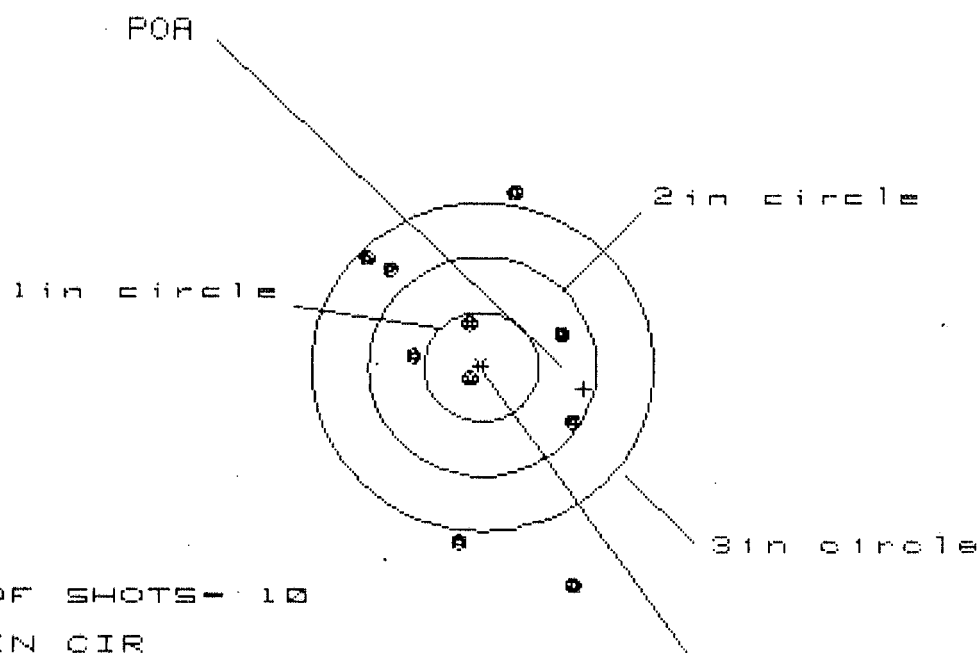
CENTROID #

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.688	.592	.523
MINIMUM X	-.862	-.554	-.319
MAXIMUM Y	.993	.909	.590
MINIMUM Y	-.758	-.802	-.689
CENTROID X	-.533	-.437	-.368
CENTROID Y	.129	.213	.100
POA TO CENTROID in.	.549	.487	.381
MIN RADIUS	.174	.148	.268
MEAN RADIUS	.594	.520	.457
MAX RADIUS	1.148	1.064	.865
HORIZONTAL SPREAD	1.550	1.146	.842
VERTICAL SPREAD	1.751	1.711	1.279
EXTREME SPREAD	2.059	2.059	1.531
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

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CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in - 2

2 in - 5

3 in - 7

HS - 1.819

VS = 3.605

GS = 3.641

CENTROID *

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.834	.926	.917
MINIMUM X	-.985	-.893	-.902
MAXIMUM Y	1.558	1.331	1.101
MINIMUM Y	-2.047	-1.833	-.969
CENTROID X	-.894	-.986	-.977
CENTROID Y	.201	.428	.658
POA TO CENTROID in.	.917	1.075	1.178
MIN RADIUS	.168	.142	.095
MEAN RADIUS	1.096	.935	.814
MAX RADIUS	2.206	1.835	1.334
HORIZONTAL SPREAD	1.819	1.819	1.819
VERTICAL SPREAD	3.605	3.164	2.070
EXTREME SPREAD	3.641	3.199	2.361
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		7	