

BARBER - M24 0154819

G-646 1691
Ryplacoo
C-622 5209

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: **RE00098528** Serial: C6225209 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 7/6/2005 9:48:21 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **TRANSPORTATION OFFICE** **TRANSPORTATION OFFICE**

Address 1: **HHC 2 325TH AIR** **HHC 2 325TH AIR**

Address 2: PO Box: PO Box:

City: **FORT BRAGG** **FORT BRAGG**

State: **NC** Zip Code: **28310** Country: **US** State: **NC** Zip Code: **28310** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: **NA**

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Base	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	2

Repair Search Refresh Close

pagletj 7/6/2005 9:54 AM CAPS NUM INS SCRL

start 3 5 2 Arms Services

G646 1691 (New)

Serial Number: **C6225209**Model: **M24 SWS****RE00098528**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6461691.___0
FILE DATE AND TIME: 08/08/2005 10:34

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.037
The Average Y Centroid of the Five Target Set:	0.066
The Average Point of Impact of the Five Target Set:	0.076
The Average Mean Radius of the Five Target Set:	0.917
The Distance from POA to Centroid Target #1:	0.168
The Distance from Centroid Target #2 to Centroid Target #1:	0.288
The Distance from Centroid Target #3 to Centroid Target #1:	0.457
The Distance from Centroid Target #4 to Centroid Target #1:	0.410
The Distance from Centroid Target #5 to Centroid Target #1:	0.328

BARBER - M24 0154822

SERIAL NUMBER: G6461691. __0

TARGET NUMBER: 1

FILE DATE: 08/08/2005

FILE TIME: 10:34

X CENTROID: -0.166

Y CENTROID: -0.026

POA TO CENTROID: 0.168

HORZ SPREAD: 2.132

VERT SPREAD: 1.655

GROUP SPREAD: 2.639

MIN RADIUS: 0.096

MAX RADIUS: 1.621

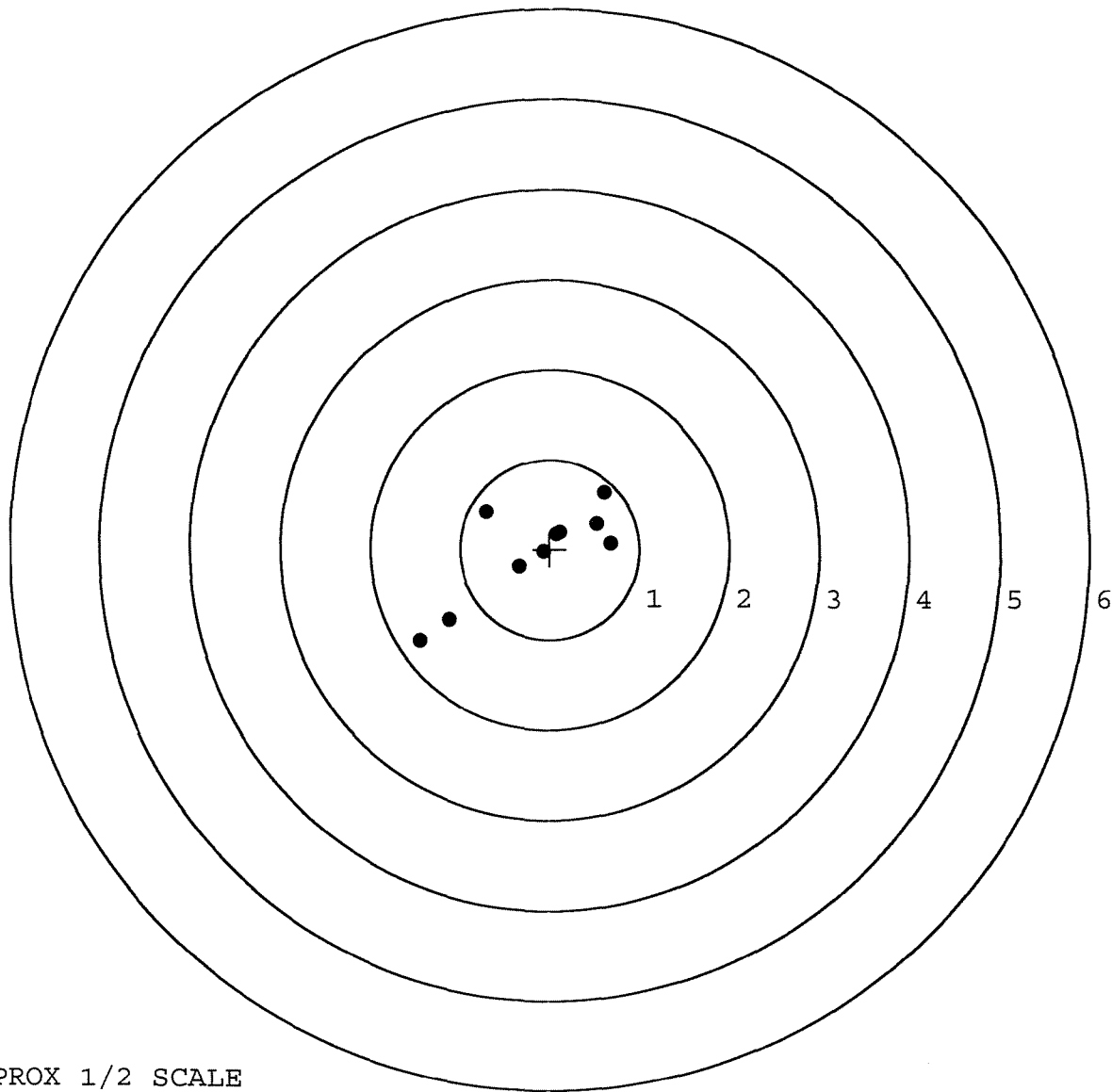
MEAN RADIUS: 0.719

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.608	0.635
2:	-0.341	-0.197
3:	-0.070	-0.029
4:	0.116	0.192
5:	0.533	0.282
6:	0.685	0.070
7:	-0.700	0.415
8:	-1.126	-0.783
9:	-1.447	-1.020
10:	0.080	0.172



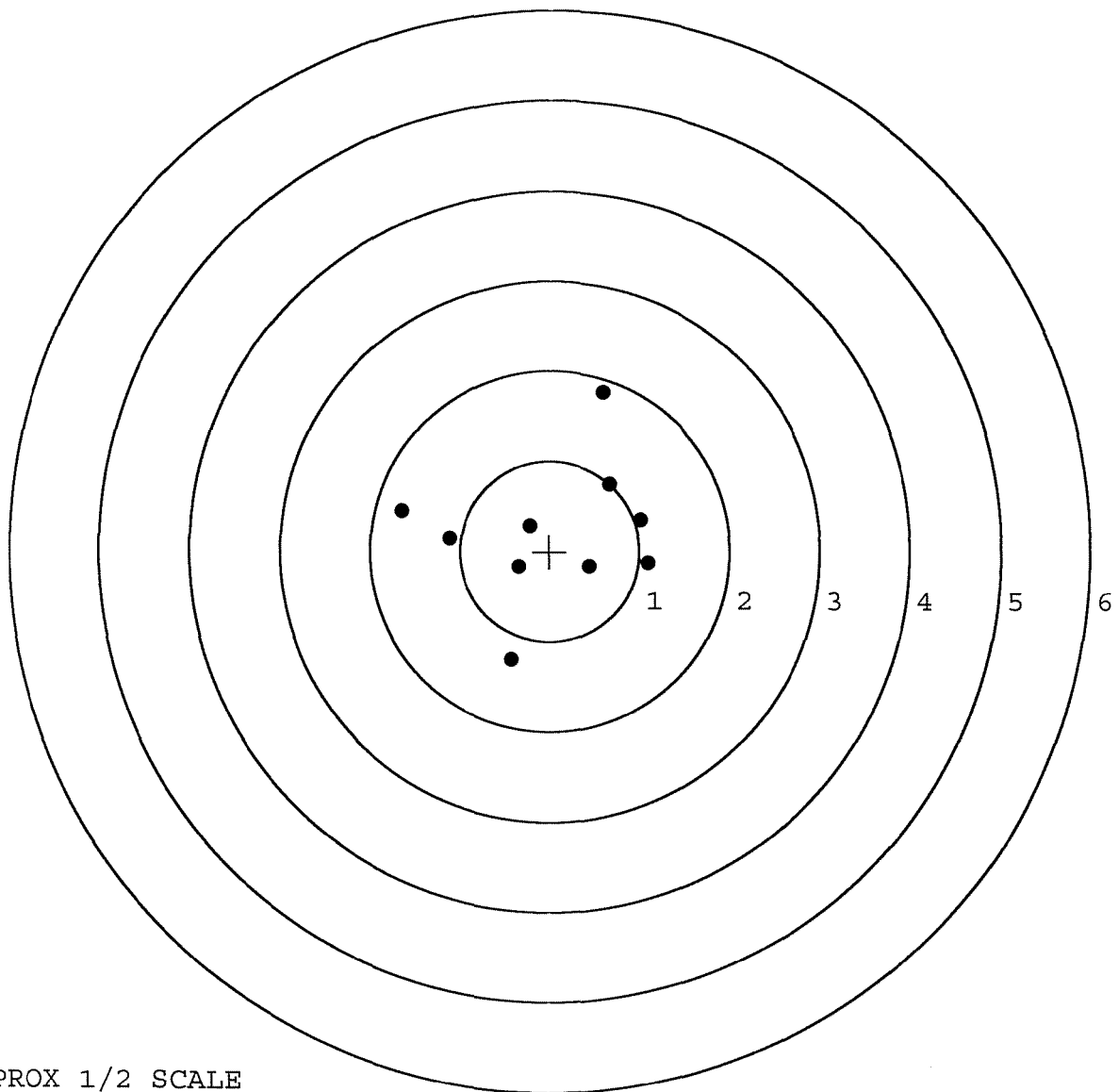
TARGET APPROX 1/2 SCALE

BARBER - M24 0154823

SERIAL NUMBER: G6461691. __0
TARGET NUMBER: 2
FILE DATE: 08/08/2005
FILE TIME: 10:34

POINT#	X	Y
1:	1.096	-0.131
2:	1.010	0.348
3:	0.669	0.740
4:	0.451	-0.166
5:	0.594	1.754
6:	-0.226	0.280
7:	-0.346	-0.172
8:	-0.423	-1.205
9:	-1.120	0.148
10:	-1.651	0.449

X CENTROID: 0.005
Y CENTROID: 0.205
POA TO CENTROID: 0.205
HORZ SPREAD: 2.747
VERT SPREAD: 2.959
GROUP SPREAD: 2.808
MIN RADIUS: 0.243
MAX RADIUS: 1.674
MEAN RADIUS: 1.028
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0154824

SERIAL NUMBER: G6461691. __0

TARGET NUMBER: 3

FILE DATE: 08/08/2005

FILE TIME: 10:34

X CENTROID: -0.022

Y CENTROID: 0.407

POA TO CENTROID: 0.407

HORZ SPREAD: 2.107

VERT SPREAD: 2.366

GROUP SPREAD: 2.629

MIN RADIUS: 0.270

MAX RADIUS: 1.627

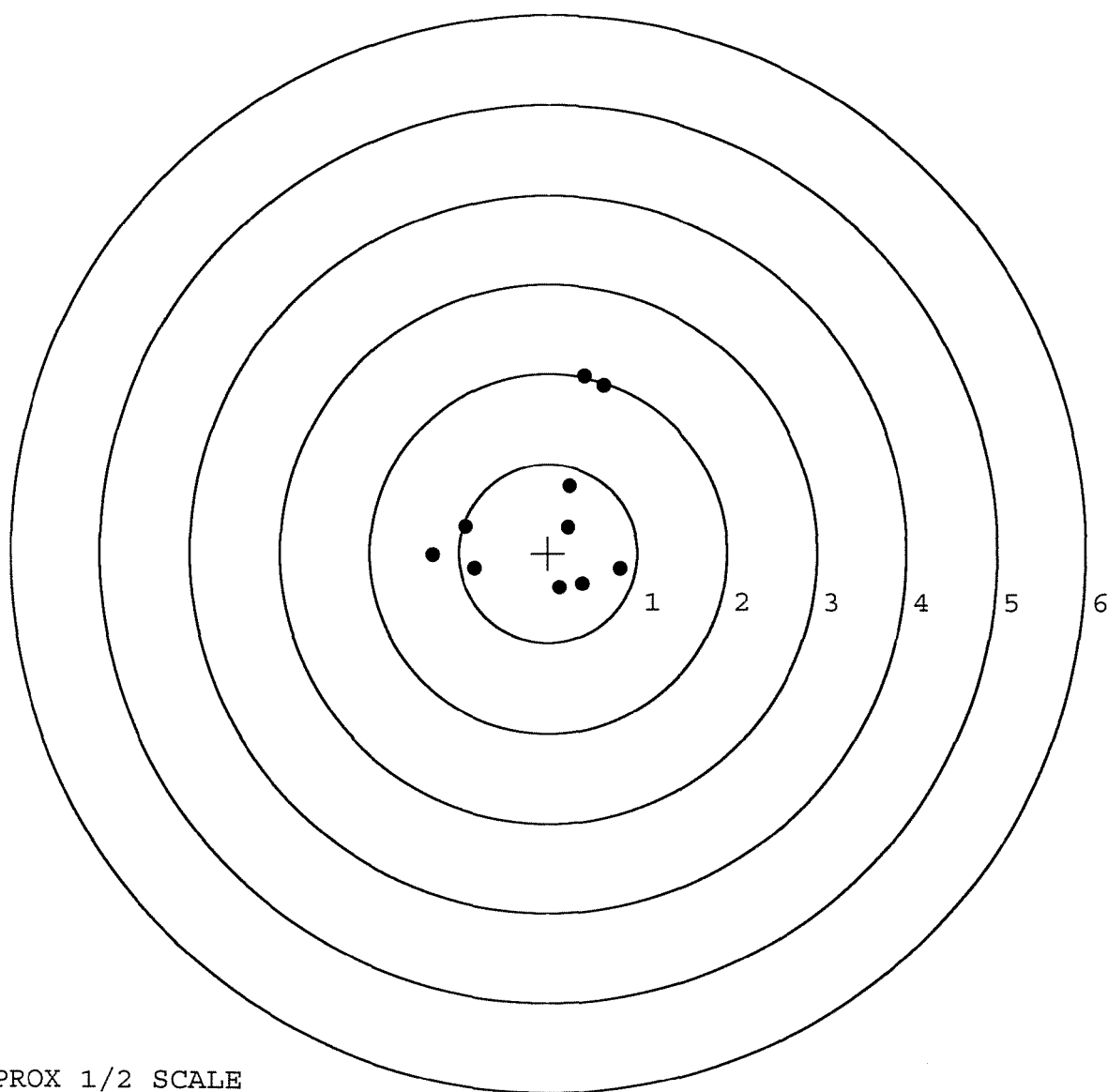
MEAN RADIUS: 0.987

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.811	-0.178
2:	0.387	-0.344
3:	0.128	-0.391
4:	0.222	0.291
5:	0.245	0.750
6:	-0.823	-0.177
7:	-0.929	0.295
8:	-1.296	-0.023
9:	0.624	1.871
10:	0.412	1.975



TARGET APPROX 1/2 SCALE

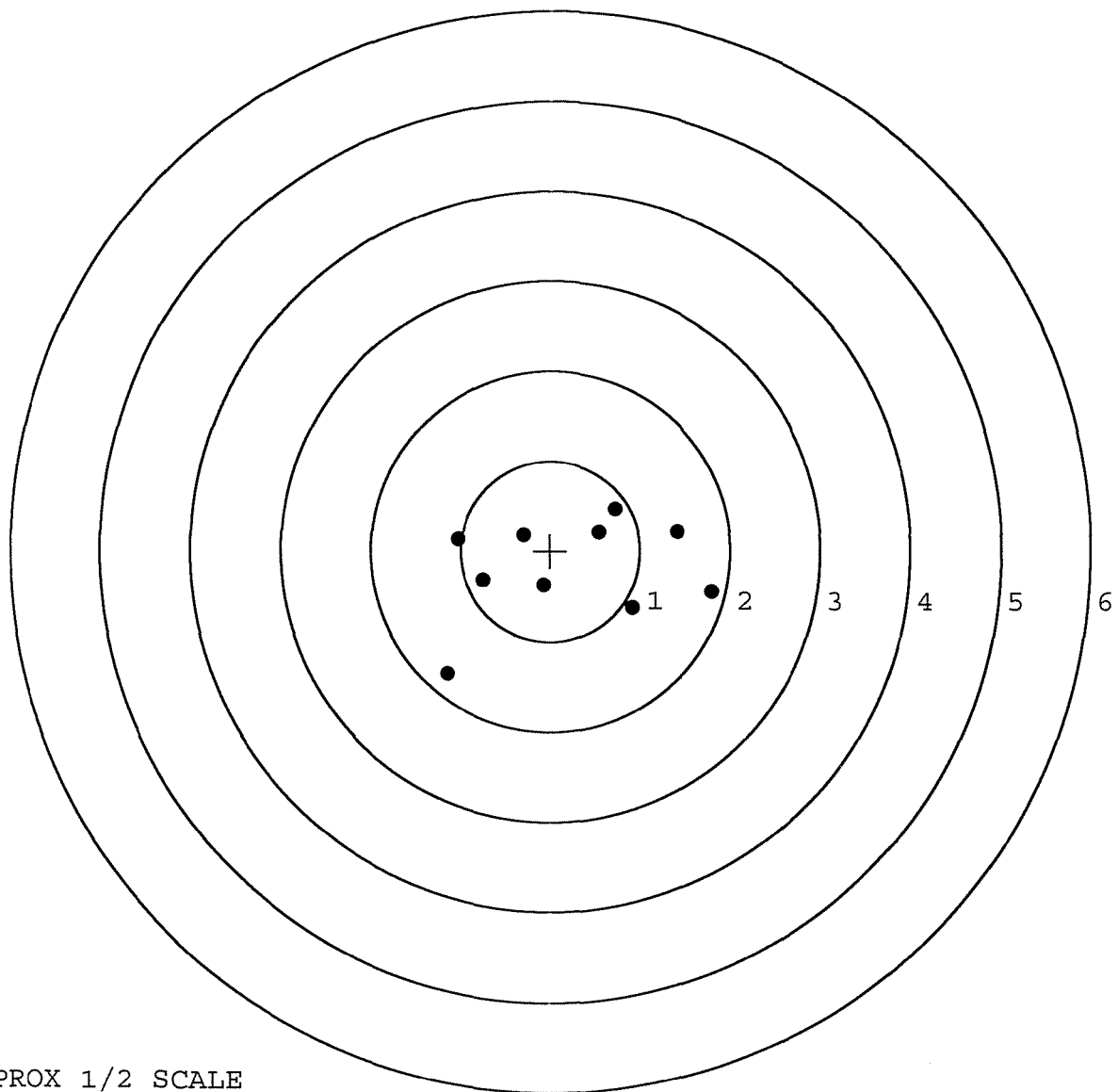
BARBER - M24 0154825

SERIAL NUMBER: G6461691. __0
TARGET NUMBER: 4
FILE DATE: 08/08/2005
FILE TIME: 10:34

X CENTROID: 0.207
Y CENTROID: -0.195
POA TO CENTROID: 0.285
HORZ SPREAD: 2.943
VERT SPREAD: 1.823
GROUP SPREAD: 3.081
MIN RADIUS: 0.340
MAX RADIUS: 1.786
MEAN RADIUS: 1.007

IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.794	-0.447
2:	1.408	0.208
3:	0.916	-0.631
4:	0.721	0.465
5:	0.541	0.209
6:	-0.077	-0.382
7:	-0.300	0.177
8:	-0.750	-0.324
9:	-1.032	0.129
10:	-1.149	-1.358



TARGET APPROX 1/2 SCALE

BARBER - M24 0154826

SERIAL NUMBER: G6461691. __0

TARGET NUMBER: 5

FILE DATE: 08/08/2005

FILE TIME: 10:34

X CENTROID: 0.160

Y CENTROID: -0.057

POA TO CENTROID: 0.170

HORZ SPREAD: 1.608

VERT SPREAD: 2.626

GROUP SPREAD: 2.740

MIN RADIUS: 0.014

MAX RADIUS: 1.545

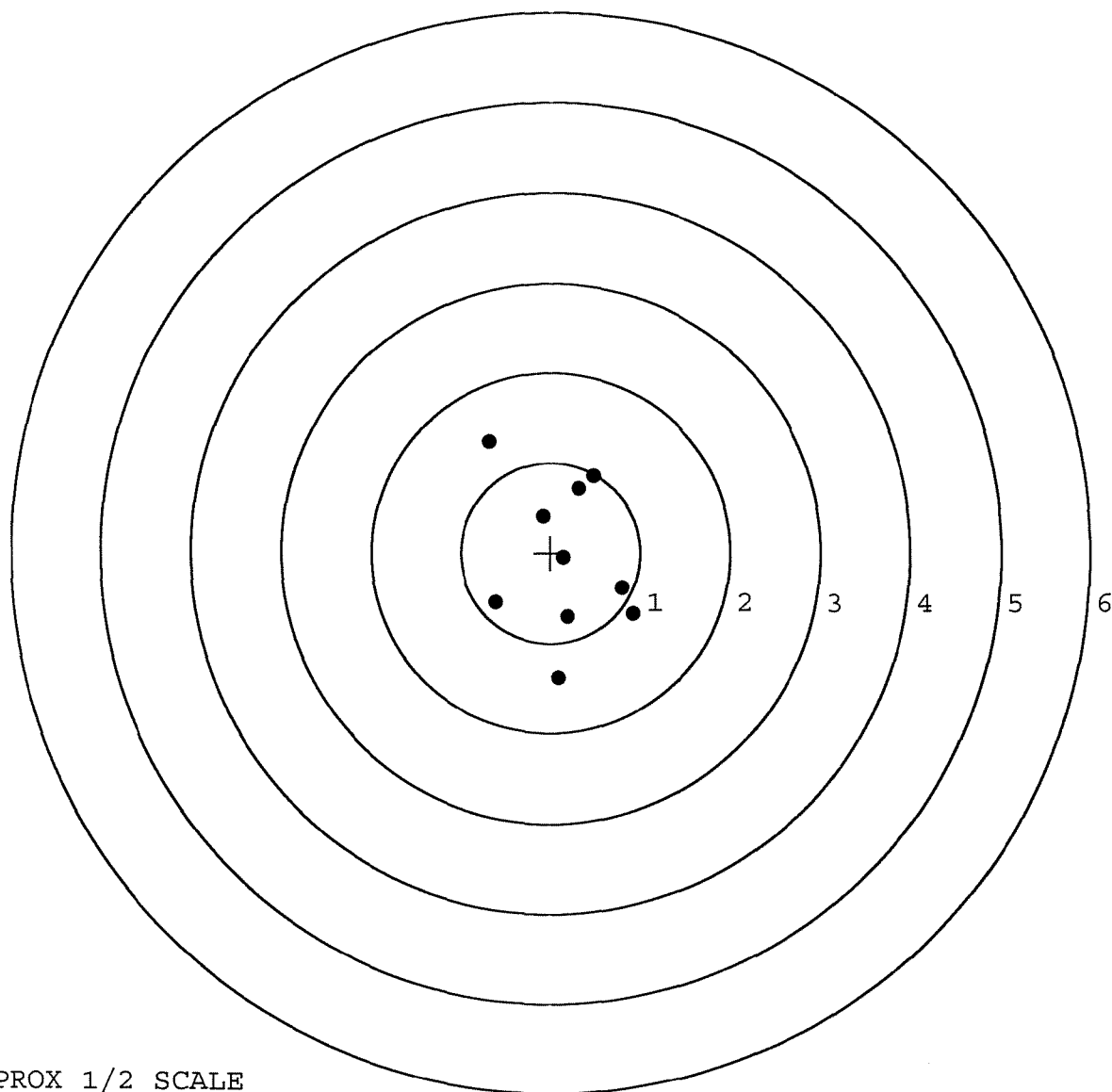
MEAN RADIUS: 0.843

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.924	-0.680
2:	0.805	-0.387
3:	0.200	-0.709
4:	0.099	-1.389
5:	-0.610	-0.550
6:	0.146	-0.057
7:	-0.080	0.400
8:	0.317	0.710
9:	0.485	0.851
10:	-0.684	1.237



TARGET APPROX 1/2 SCALE

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

R. & E NUMBER	98528		
SERIAL NUMBER	C6225209 G 64611691 (New)		
LOG-IN DATE	7-6-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	7-7-05	RTZ
560 A	RE-BARREL	7-7-05	RTZ
B	DRILL AND TAP	7-7-05	TRW
575	ASSEMBLE	7-7-05	RTZ
600	PROOF	7-7-05	RTZ
605	CHECK HEADSPACE	7-7-05	RTZ
610	DIS-ASSEMBLE GUN	7-7-05	RTZ
612	MAGNAFLUX	7-7-05	WMS
615	ROLLMARK CALIBER	7-8-05	CW
618	ROTO-BLAST	7-8-05	LB
620	APPLY COATINGS	7-8-05	WJ
625 A	FINAL ASSEMBLY	8-2-05	RTZ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	8-8-05	AC
D	SAFETY "OFF" FORCE	8-8-05	AC
E	FIRING PIN INDENT	8-8-05	AC
640	TARGET	8-8-05	TRW
655	FINAL INSPECT	8-8-05	AC
660	PACK	8-9-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSB Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00052597** Serial: C6225209 Model: 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: Closed 9/19/02 1:23:29 PM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: **TRANSPORTATION OFFICER** **TRANSPORTATION OFFICER**

Address 1: **ATTN SS6 KNIGHT R** **ATTN SS6 KNIGHT R**

Address 2: **CENTRAL RECEIVING POINT** PO Box: **CENTRAL RECEIVING POINT** PO Box:

City: **FORT BRAGG** **FORT BRAGG**

State: **NC** Zip Code: **28307** Country: **US** State: **NC** Zip Code: **28307** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: **910 432 6625**

Fax:

Email:

Comments: **ATTN: SS6 R. KNIGHT**

Received Condition

Condition: **Poor**

Condition Notes:

CSB Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A010	Hard Case	1
A045	Bi Pod	1
X	FRT & REAR SGT BA	1

Repair Search Refresh Close

maglet 9/19/02 3:20 PM CAPS NUM INS SCRL

Start [Icons] 3:20 PM

Serial Number: **C6225209**

Model: **700**



RE00052597

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225209.___0
FILE DATE AND TIME: 10/16/2002 20:26

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.049
The Average Y Centroid of the Five Target Set:	-0.023
The Average Point of Impact of the Five Target Set:	0.054
The Average Mean Radius of the Five Target Set:	0.764
The Distance from POA to Centroid Target #1:	0.222
The Distance from Centroid Target #2 to Centroid Target #1:	0.329
The Distance from Centroid Target #3 to Centroid Target #1:	0.314
The Distance from Centroid Target #4 to Centroid Target #1:	0.040
The Distance from Centroid Target #5 to Centroid Target #1:	0.313

BARBER - M24 0154830

SERIAL NUMBER: C6225209. __0

TARGET NUMBER: 1

FILE DATE: 10/16/2002

FILE TIME: 20:26

X CENTROID: -0.074

Y CENTROID: -0.210

POA TO CENTROID: 0.222

HORZ SPREAD: 2.739

VERT SPREAD: 1.694

GROUP SPREAD: 2.897

MIN RADIUS: 0.170

MAX RADIUS: 1.638

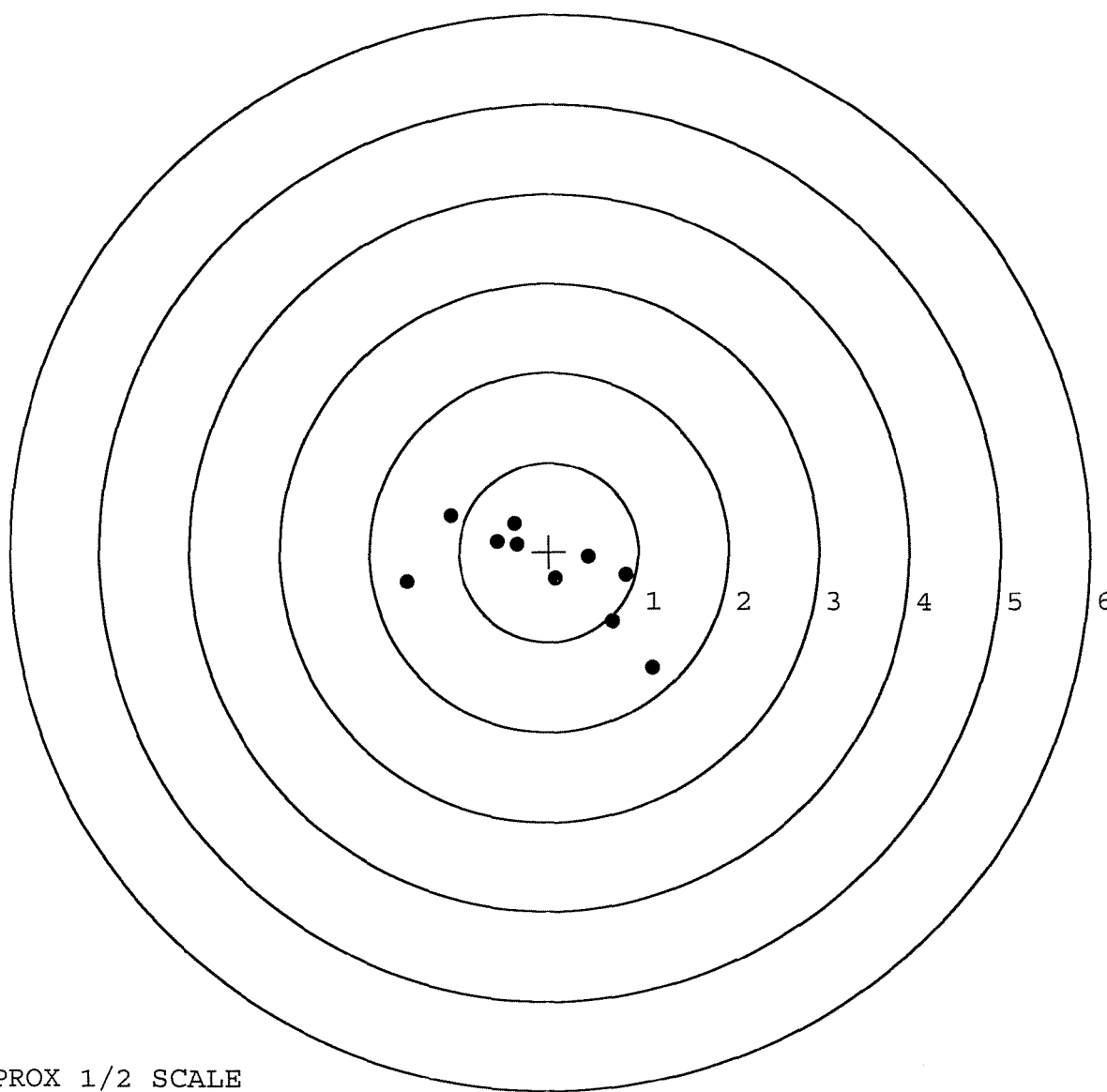
MEAN RADIUS: 0.858

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.158	-1.289
2:	0.715	-0.777
3:	0.862	-0.255
4:	0.448	-0.055
5:	0.074	-0.294
6:	-1.098	0.405
7:	-1.581	-0.345
8:	-0.358	0.084
9:	-0.382	0.316
10:	-0.574	0.115

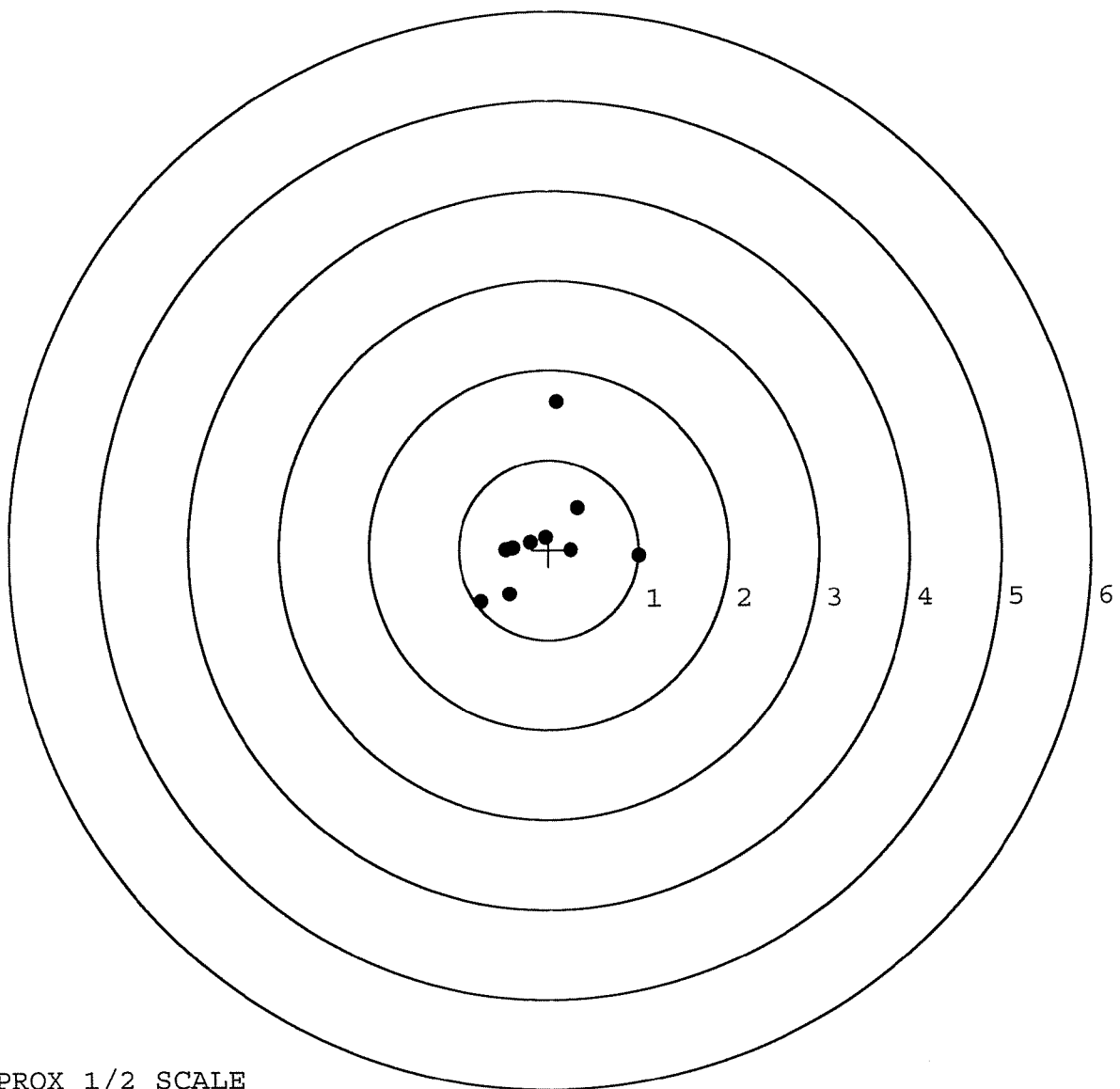


TARGET APPROX 1/2 SCALE

BARBER - M24 0154831

SERIAL NUMBER: C6225209. __0
TARGET NUMBER: 2
FILE DATE: 10/16/2002
FILE TIME: 20:26

	POINT#	X	Y
	1:	1.002	-0.074
	2:	0.333	0.466
	3:	0.247	-0.013
	4:	-0.039	0.135
	5:	-0.206	0.082
	6:	-0.480	-0.005
	7:	-0.440	-0.495
	8:	-0.754	-0.579
	9:	-0.395	0.026
	10:	0.094	1.646
X CENTROID:		-0.064	
Y CENTROID:		0.119	
POA TO CENTROID:		0.135	
HORZ SPREAD:		1.756	
VERT SPREAD:		2.225	
GROUP SPREAD:		2.381	
MIN RADIUS:		0.030	
MAX RADIUS:		1.535	
MEAN RADIUS:		0.614	
# IN 1 IN DIAMETER:		5	
# IN 2 IN DIAMETER:		8	
# in 3 IN DIAMETER:		9	



TARGET APPROX 1/2 SCALE

BARBER - M24 0154832

SERIAL NUMBER: C6225209. __0

TARGET NUMBER: 3

FILE DATE: 10/16/2002

FILE TIME: 20:26

X CENTROID: 0.091

Y CENTROID: 0.058

POA TO CENTROID: 0.108

HORZ SPREAD: 3.060

VERT SPREAD: 2.422

GROUP SPREAD: 3.538

MIN RADIUS: 0.280

MAX RADIUS: 2.087

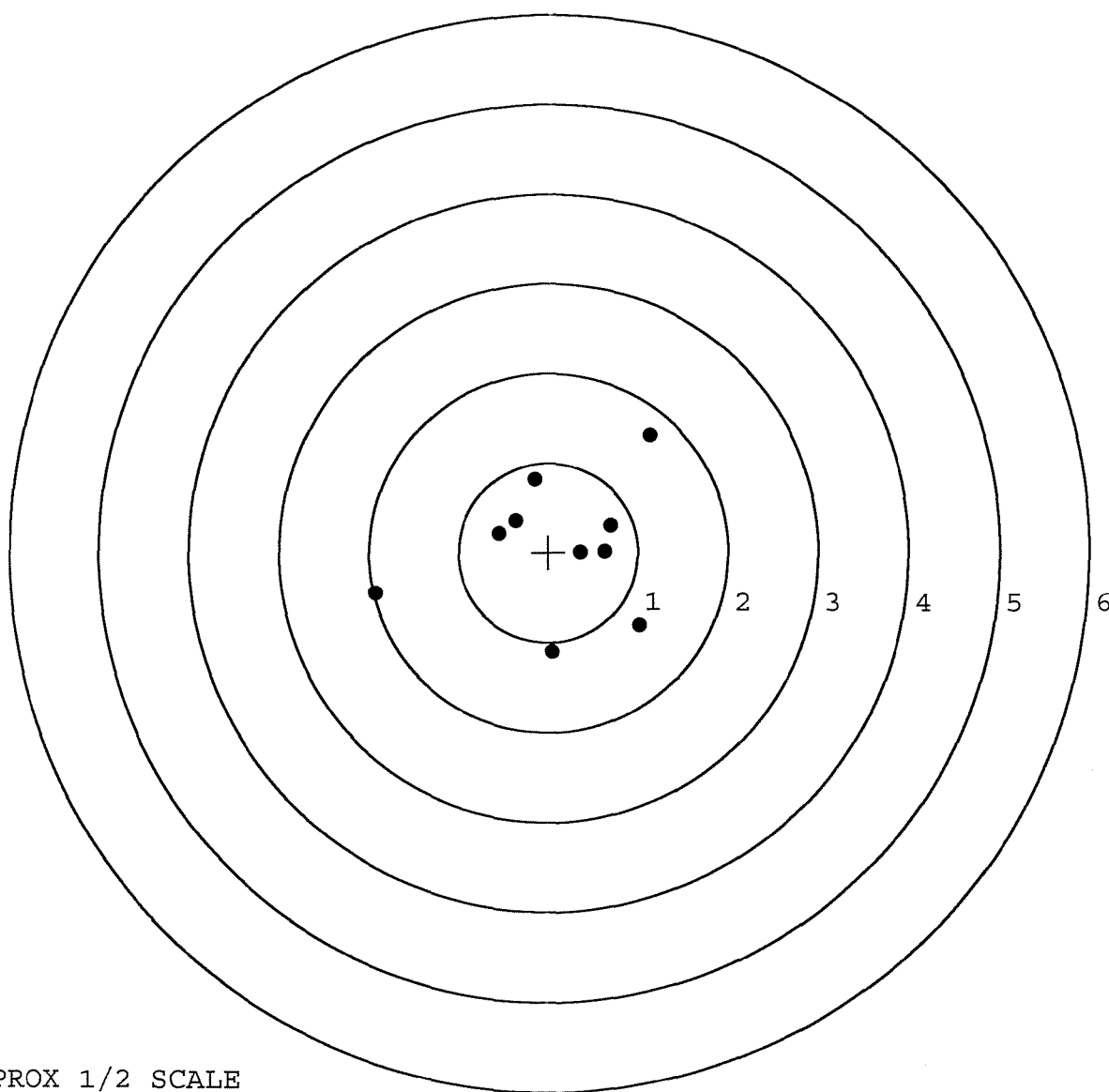
MEAN RADIUS: 0.962

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.048	-1.112
2:	1.026	-0.818
3:	0.365	0.003
4:	0.633	0.009
5:	0.699	0.294
6:	1.131	1.310
7:	-0.158	0.807
8:	-0.360	0.348
9:	-0.548	0.207
10:	-1.929	-0.466



TARGET APPROX 1/2 SCALE

BARBER - M24 0154833

SERIAL NUMBER: C6225209. __0

TARGET NUMBER: 4

FILE DATE: 10/16/2002

FILE TIME: 20:26

X CENTROID: -0.104

Y CENTROID: -0.184

POA TO CENTROID: 0.211

HORZ SPREAD: 0.996

VERT SPREAD: 2.798

GROUP SPREAD: 2.811

MIN RADIUS: 0.067

MAX RADIUS: 1.475

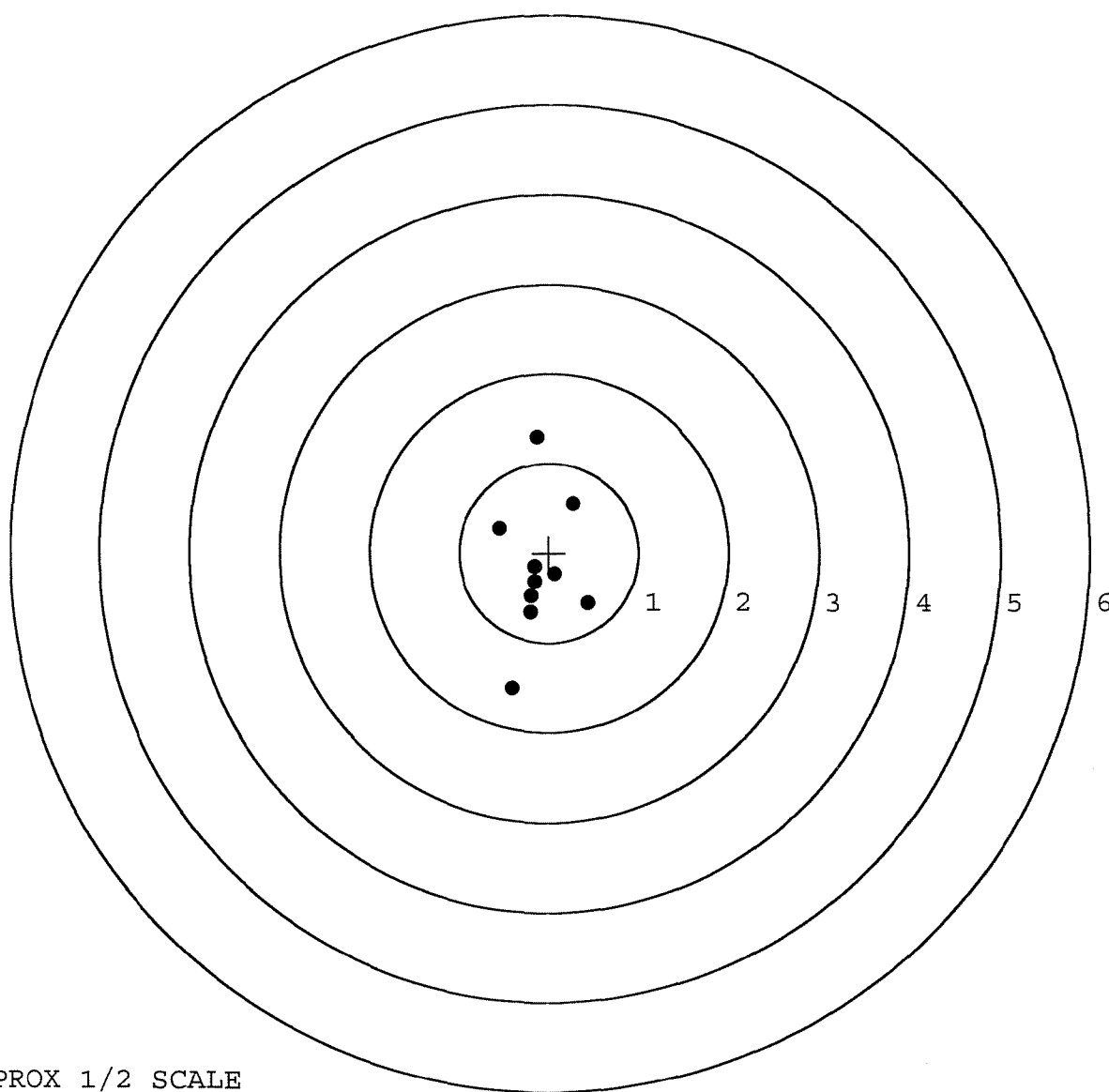
MEAN RADIUS: 0.616

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.402	-1.507
2:	-0.200	-0.665
3:	0.443	-0.563
4:	0.065	-0.237
5:	-0.160	-0.326
6:	-0.165	-0.156
7:	-0.206	-0.483
8:	-0.553	0.269
9:	0.273	0.541
10:	-0.136	1.291



TARGET APPROX 1/2 SCALE

BARBER - M24 0154834

SERIAL NUMBER: C6225209. __0

TARGET NUMBER: 5

FILE DATE: 10/16/2002

FILE TIME: 20:26

X CENTROID: -0.096

Y CENTROID: 0.103

POA TO CENTROID: 0.140

HORZ SPREAD: 1.719

VERT SPREAD: 2.254

GROUP SPREAD: 2.465

MIN RADIUS: 0.330

MAX RADIUS: 1.689

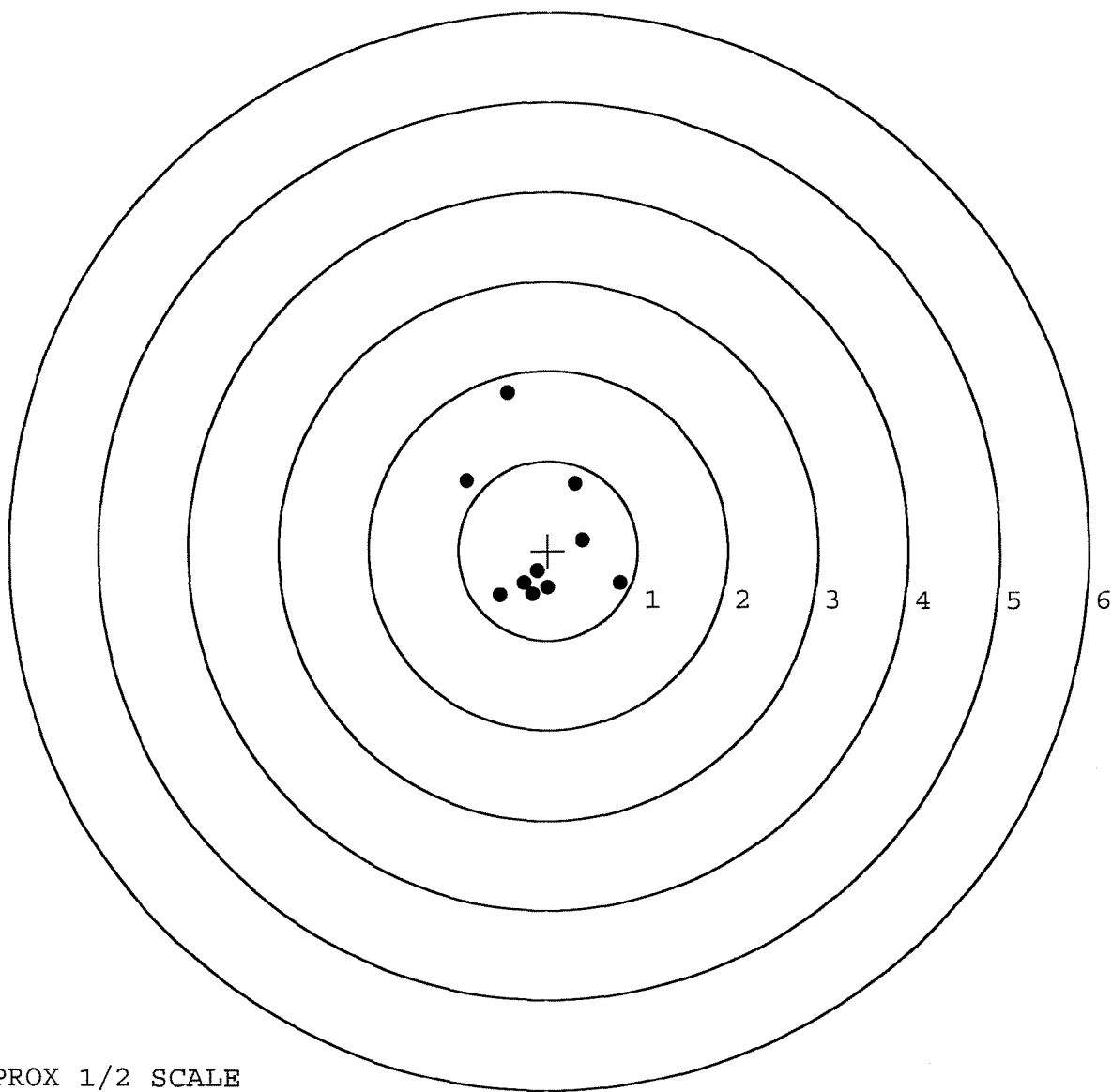
MEAN RADIUS: 0.769

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.806	-0.365
2:	0.387	0.117
3:	0.305	0.740
4:	-0.913	0.779
5:	-0.456	1.753
6:	-0.121	-0.227
7:	-0.006	-0.416
8:	-0.167	-0.489
9:	-0.261	-0.366
10:	-0.530	-0.501



TARGET APPROX 1/2 SCALE

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0154834

Final Inspection

In: C6225209

DATE REC'D: 9/23/03

DATE RET'D:

EDITOR: RW

Item:

Barrel Assy.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☒ FINISH

Scope Assy.

☐ Scope☐ Scope Rings☐ Mounting Screws☒ Mounting Base☒ Screws☐ Finish☐ Looseness☐ Clarity

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

Stock Assy.

☒ Stock☒ Sling Swivel Studs☒ ADJUSTABLE BUTT PLATE☒ Lock Nuts☒ BARREL CLEARANCE☒ COLOR/FINISH

Systems Case

☐ Scope Case☐ Iron Sights☐ Deployment Kit

Trigger

☒ SAFETY OPERATION☒ SET

Comments:

R & E NUMBER	52597		
SERIAL NUMBER	C6225209		
LOG-IN DATE	9/23/02		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9/23/02	RL
560 A	RE-BARREL	9/23/02	RL
B	DRILL AND TAP	9-23-02	Ac
575	ASSEMBLE	9/24/02	RL
600	PROOF	9-25-02	Ac
605	CHECK HEADSPACE	9-25-02	Ac
610	DIS-ASSEMBLE GUN	9/24/02	RL
612	MAGNAFLUX	RL	
615	ROLLMARK CALIBER	9/27/02	RL
618	ROTO-BLAST	9/30/02	RL
620	APPLY COATINGS	10-5	Ac
625 A	FINAL ASSEMBLY	10/9/02	RL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-15-02	RW
655	FINAL INSPECT	10-15-02	RW
660	PACK	10-16-02	RA
		SHIP DATE	
	QAR INSPECTION DATE		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225209

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 25 89		RW
600	Proof	1 25 89		RW
607	Check Headspace	1 25 89		RW
610	Dis-assemble Gun	1 25 89		RW
612	Magnaflux Barrel Action		1-27-89	RH.
	Magnaflux Bolt		1-27-89	KCR
615	Rollmark Caliber		1-30	GS
617	Drill and Tap Sight Holes	2 1 89		FB
618	Polish Barrel	2 1 89		BT
620	Apply Coatings (Barrel Action)		2-16-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/16/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/16/89	RW
	C) Inspect Ejector Hole for Chamfer		2/16/89	RW
	D) Oil Firing Pin Ass'y		2/16/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/16/89	948

op. #	BARBER - M24 0154838 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	4	4			21/1/89	JS
	G) Safety Off Force	3	3	3			21/1/89	JS
	H) Trigger Pull Test & Retainability						21/1/89	JS
	I) Firing Pin Indent	.022	.022	.021			21/1/89	JS
	J) Assemble Stock						2/2/89	RW
	K) Assemble Swivel Studs						22/1/89	JS
	L) Attach Front and Rear Sight Assemblies						2/2/89	RW
	M) Iron Sight Alignment						2/2/89	RW
	N) Detach Front & Rear Sights & place in numbered container						2/2/89	RW
	O) Attach Scope to Rifle						21/1/89	JS
	P) Detach & Attach Scope 20 Times						21/1/89	JS
640	Gallery Target & Test	no R POL					2/22/89	PH
	A) Time						2/22/89	PH
	B) Malfunctions						2/22/89	PH
	C) Pierced Primers						2/22/89	PH
	D) Optical Clarity of Scope						2/22/89	PH
645	Inspect for Live Ammo						2/22/89	PH
655	Final Inspection A) Headspace						22/1/89	JS
	B) Trigger Pull	2.47	2.49	2.48	2.48	2.46	22/1/89	JS
	C) Function						22/1/89	JS
660	Pack						23/1/89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 5509
06348742

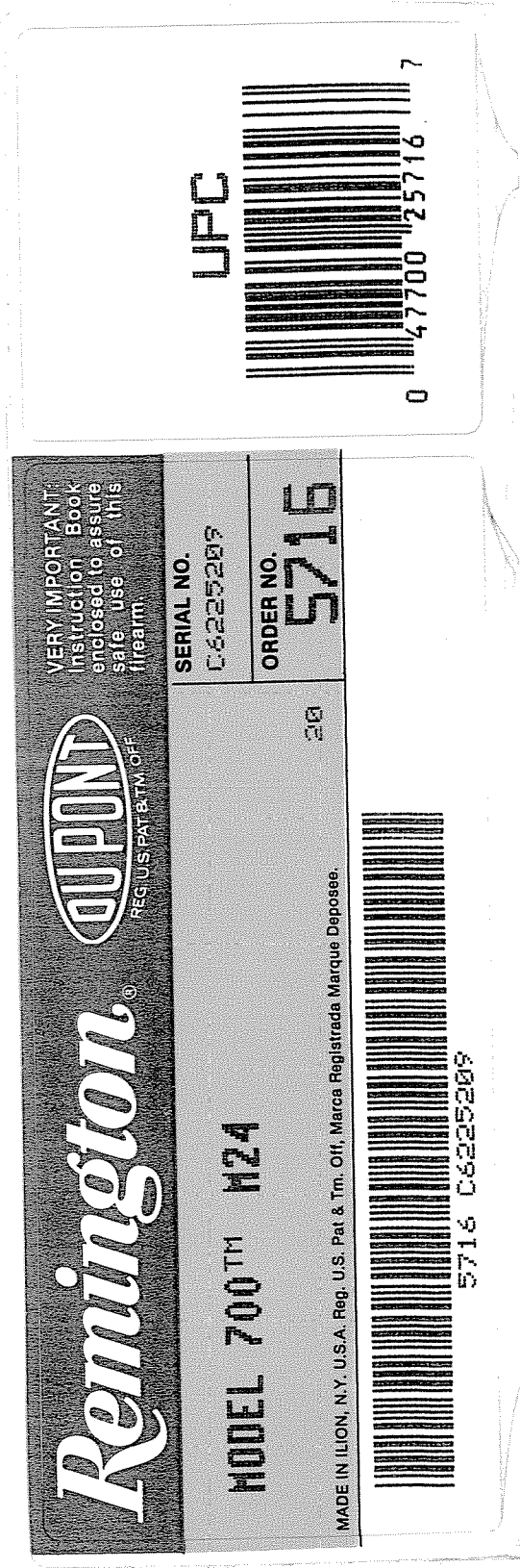
DATE 11-3-89

TESTER 921

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.49	2.40	2.47	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.36	2.62	2.49	2.70	
PULL #3	2.30	2.57	2.52	2.75	
PULL #4	2.44	2.57	2.45	2.42	
PULL #5	2.40	2.57	2.52	2.56	
TOTAL	11.80	12.82	12.38	12.90	
AVG.	2.36	2.564	2.476	2.58	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.13	3.01		
PULL #2	3.14	3.09		
PULL #3	3.14	3.01		
PULL #4	3.10	3.03		
PULL #5	3.17	3.01		
TOTAL	15.68	15.15		
AVG.	3.136	3.03		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.19	4.16		4.09
PULL #2	4.11	4.11		4.14
PULL #3	4.13	4.14		4.12
PULL #4	4.13	4.16		4.14
PULL #5	4.19	4.11		4.12
TOTAL	20.75	20.68		20.61
AVG.	4.15	4.136		4.122



CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225209
24 Feb 1989

CENTROIDAL DISTANCES

0 TO	1	.339695
1 TO	2	.30926
1 TO	3	.218826
1 TO	4	.2895
1 TO	5	.334619

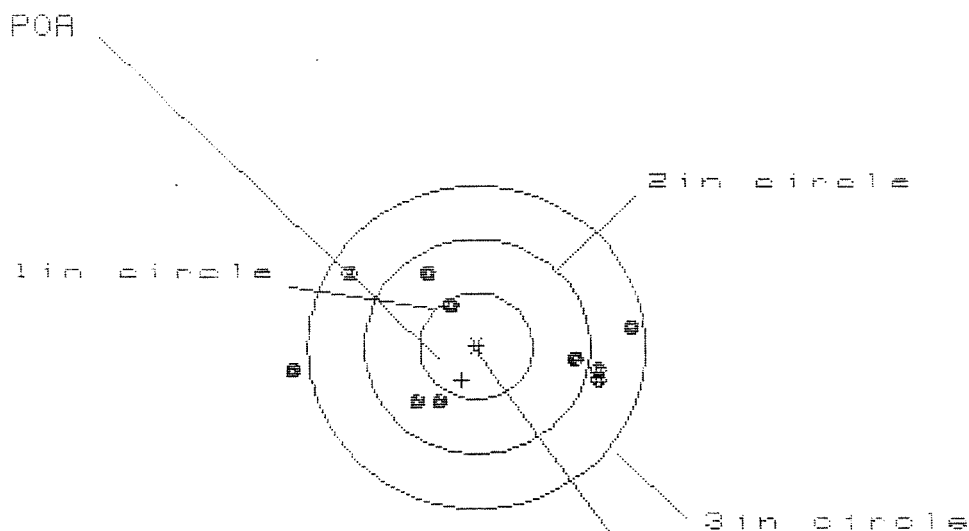
$\frac{1}{5}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2078
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2118
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .296715
THE AMR FOR THIS RIFLE IS: .9264

23 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/082252B9

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS= 2.998

VS= 1.262

GS= 3.024

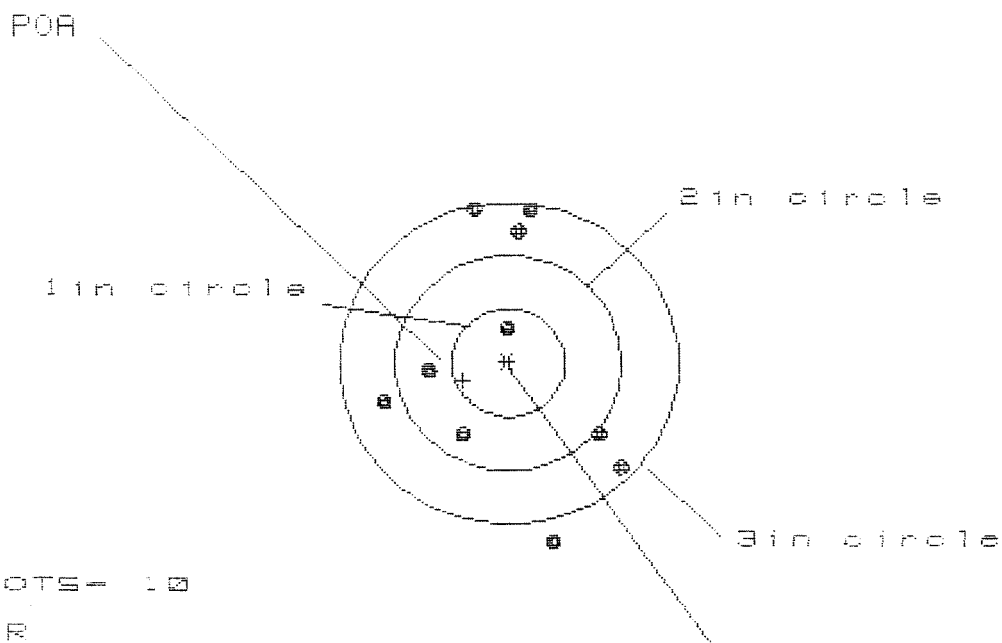
CENTROID *

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.321	1.135	1.014
MINIMUM X	:	-1.677	-1.270	-1.128
MAXIMUM Y	:	.721	.693	.708
MINIMUM Y	:	-.541	-.569	-.554
CENTROID X	:	.132	.318	.176
CENTROID Y	:	.313	.341	.326
POA TO CENTROID in.	:	.340	.466	.371
MIN RADIUS	:	.478	.562	.488
MEAN RADIUS	:	1.000	.912	.873
MAX RADIUS	:	1.695	1.444	1.329
HORIZONTAL SPREAD	:	2.998	2.405	2.142
VERTICAL SPREAD	:	1.262	1.262	1.262
EXTREME SPREAD	:	3.024	2.471	2.382
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	9		

23 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225289

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS= 2.048

VS= 3.170

GS= 3.258

CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.987	1.036	1.003
MINIMUM X	:	-1.061	-1.012	-1.044
MAXIMUM Y	:	1.466	1.276	1.384
MINIMUM Y	:	-1.704	-1.202	-1.042
CENTROID X	:	.403	.354	.387
CENTROID Y	:	.164	.354	.194
POA TO CENTROID in.	:	.435	.500	.433
MIN RADIUS	:	.288	.116	.259
MEAN RADIUS	:	1.112	1.015	.980
MAX RADIUS	:	1.761	1.587	1.447
HORIZONTAL SPREAD	:	2.048	2.048	2.048
VERTICAL SPREAD	:	3.170	2.478	2.426
EXTREME SPREAD	:	3.258	2.797	2.564
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

23 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/068252B9

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 8

HS= 3.200

VS= 2.370

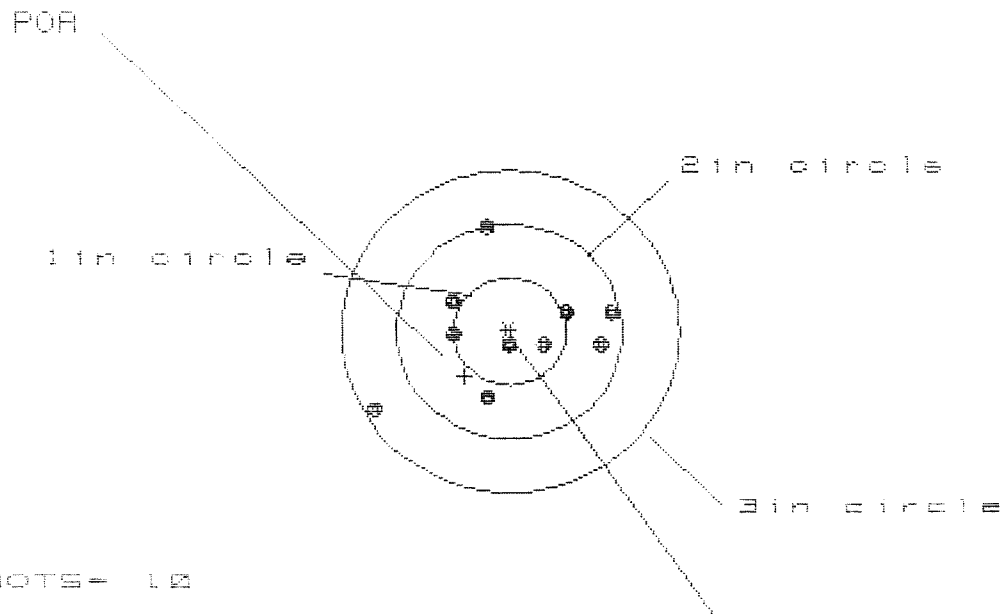
GS= 3.982

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.592	1.413	.847
MINIMUM X	:	-1.608	-.930	-.753
MAXIMUM Y	:	.984	.830	.563
MINIMUM Y	:	-1.386	-1.391	-1.287
CENTROID X	:	.190	.369	.192
CENTROID Y	:	.102	.256	.152
POA TO CENTROID in.	:	.216	.449	.245
MIN RADIUS	:	.015	.034	.040
MEAN RADIUS	:	.942	.795	.673
MAX RADIUS	:	2.123	1.639	1.299
HORIZONTAL SPREAD	:	3.200	2.343	1.600
VERTICAL SPREAD	:	2.370	2.221	1.850
EXTREME SPREAD	:	3.982	2.838	1.938
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

23 Feb 1985

FILE:/PATTERNING/CENTERFIRE_PATT/08225203

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 8

3 in = 10

HS= 2.085

VS= 1.718

GS= 2.262

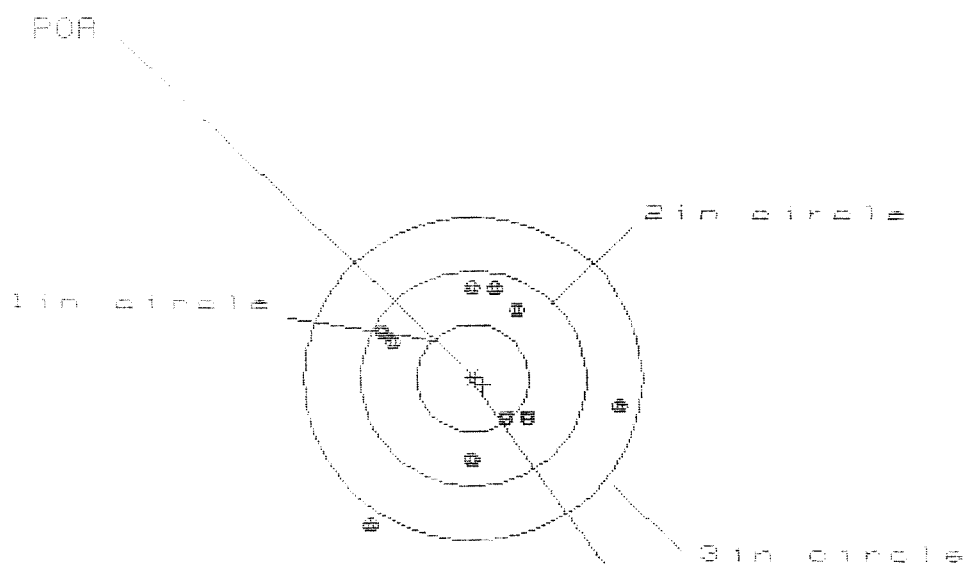
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.912	.788	.744
MINIMUM X	:	-1.183	-.678	-.714
MAXIMUM Y	:	1.012	.934	.363
MINIMUM Y	:	-.706	-.687	-.571
CENTROID X	:	.401	.533	.569
CENTROID Y	:	.420	.498	.382
POA TO CENTROID in.	:	.581	.730	.685
MIN RADIUS	:	.121	.259	.160
MEAN RADIUS	:	.695	.615	.548
MAX RADIUS	:	1.378	.978	.767
HORIZONTAL SPREAD	:	2.095	1.458	1.458
VERTICAL SPREAD	:	1.718	1.621	.934
EXTREME SPREAD	:	2.262	1.621	1.466
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

23 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225289

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 8

3 in = 9

HS= 2.175

VS= 2.147

GS= 2.412

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.245	1.142	.483
MINIMUM X	-.930	-.956	-.813
MAXIMUM Y	.828	.681	.628
MINIMUM Y	-1.319	-.870	-.923
CENTROID X	-.087	.016	-.127
CENTROID Y	.060	.207	.260
POA TO CENTROID in.	.106	.207	.289
MIN RADIUS	.455	.548	.624
MEAN RADIUS	.883	.785	.722
MAX RADIUS	1.614	1.218	.923
HORIZONTAL SPREAD	2.175	2.098	1.296
VERTICAL SPREAD	2.147	1.551	1.551
EXTREME SPREAD	2.412	2.233	1.565
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		9	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6225209

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

BARBER - M24 0154848

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force							
	G) Safety Off Force							
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection A) Headspace						11/15/89	WB
	B) Trigger Pull	2.52	2.49	2.48	2.49	2.57	11/15/89	WB
	C) Function						11/15/89	WB
660	Pack						12/20/89	WB

BARBER M24 9154850 RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 94-19415

INITIAL JIM	CUSTOMER ORDER NO.		WOG 2 OF 3		M-24 SNIPER	
DATE RECEIVED 06/21/94	DATE OPENED 06/22/94	DATE CODE	SERIAL NUMBER C6225209	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62	NATO
ACCESSORIES SCOPE MNTS						

FROM:

CDR
HHC 2/325 A.I.R.
FORT BRAGG

NC 28307

SHIP TO:

CDR
HHC 2/325 A.I.R.
FORT BRAGG

NC
28307

CUST NO: 099026 C.D.D.L

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA UPS
----------------	--------------------	--------------------------------	------------	-----------	------------

GUN CONDITION ☐ NEW ☐ LIGHTLY WORN ☐ WORN ☐ VERY WORN ☐ UNREPAIRABLE ☐ MARRED					REPAIR CHARGE
					EXCISE
					TAX
					INSURANCE
					UPS
					PARCEL POST
					TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

Front Swivel Mount Screw Broken
New Barrel

PARTS	COMMENTS
Barrel - 9600.3	Repowder Coat - Floor Plate, Latch, Trigger Guard, Front & Rear Sight Bases. ReZinc - Scope Base, Rings & Swivel Studs. Replace Broken Swivel Screw

REPAIRMAN RW	PROOF 6/23/94	CLEAN ✓	TEST ✓	TARGET ✓	PATTERN
GALLERY TESTER RW	DATE 6/23/94	DATE 7/19/94	DATE 7/22/94	DATE 7/22/94	DATE

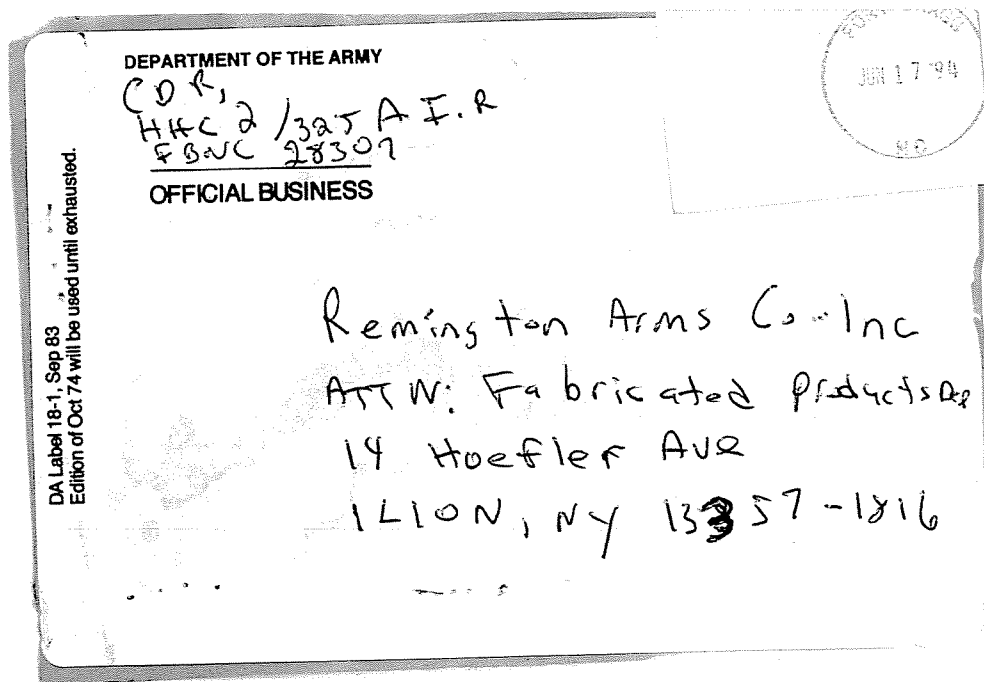
OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 9154850 54889

[illegible]



Final Inspection

In: C6225209

DATE REC'D: 6/21/94

DATE RET'D:

EDITOR: RW

Item:

BARREL ASSY.

- ☒ BARREL
- ☒ RECEIVER
- ☒ FRONT SIGHT BLOCK
- ☒ REAR SIGHT BLOCK
- ☒ SCREWS
- ☒ FINISH

SCOPE ASSY.

- ☒ SCOPE
- ☒ SCOPE RINGS
- ☒ MOUNTING SCREWS
- ☒ MOUNTING BASE
- ☒ SCREWS
- ☒ FINISH
- ☒ LOOSENESS
- ☒ CLARITY

MISC.

- ☐ DD-250
- ☐ BAR CODE
- ☐ PACKAGING

Item:

STOCK ASSY.

- ☒ STOCK
- ☒ SLING SWIVEL STUDS
- ☒ ADJUSTABLE BUTT PLATE
- ☒ LOCK NUTS
- ☒ BARREL CLEARANCE
- ☒ COLOR/FINISH

SYSTEMS CASE

- ☐ SCOPE CASE
- ☐ IRON SIGHTS
- ☐ DEPLOYMENT KIT

TRIGGER

- ☒ SAFETY OPERATION
- ☒ SET
- ☐

Comments: _____

CONTRACT # DAAA21-87-C-0086

New Barrel

GUN SERIAL # C6225209

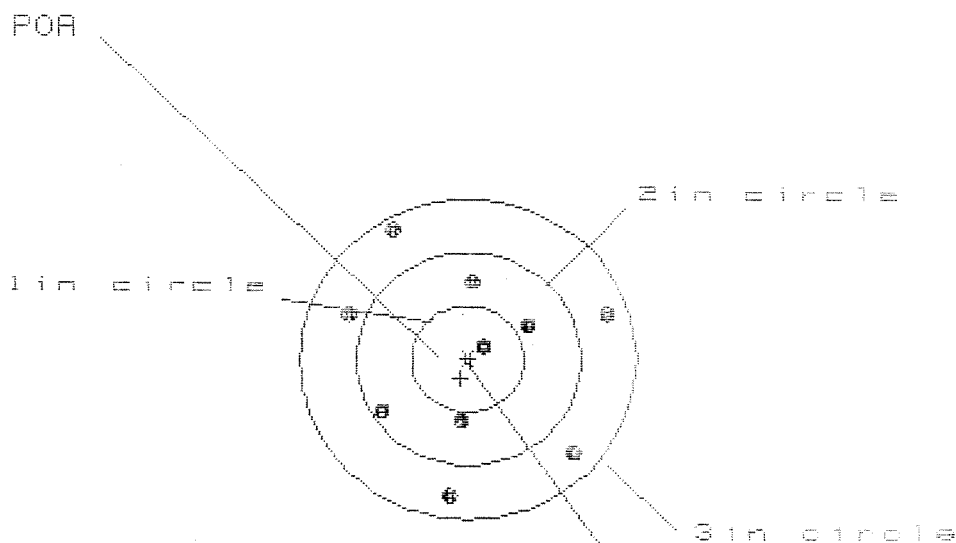
OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		6/23/94	RW
600	Proof		6/23/94	RW
607	Check Headspace		6/23/94	RW
610	Dis-assemble Gun		6/23/94	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/19/94	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/19/94	RW
	C) Inspect Ejector Hole for Chamfer		7/19/94	RW
	D) Oil Firing Pin Ass'y		7/19/94	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	BARBER - M24 0154856 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force							
	G) Safety Off Force							
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test						7/22/94	RW
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo						7/22/94	RW
655	Final Inspection							
	A) Headspace						7/23/94	RW
	B) Trigger Pull	2.82	2.75	2.72	2.75	2.77	7/23/94	RW
	C) Function						7/23/94	RW
660	Pack							

22 Jul 1994

FILE:/PATTERNING/CENTERFIRE_PATT/06225209

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS= 2.384

VS= 2.495

GS= 2.624

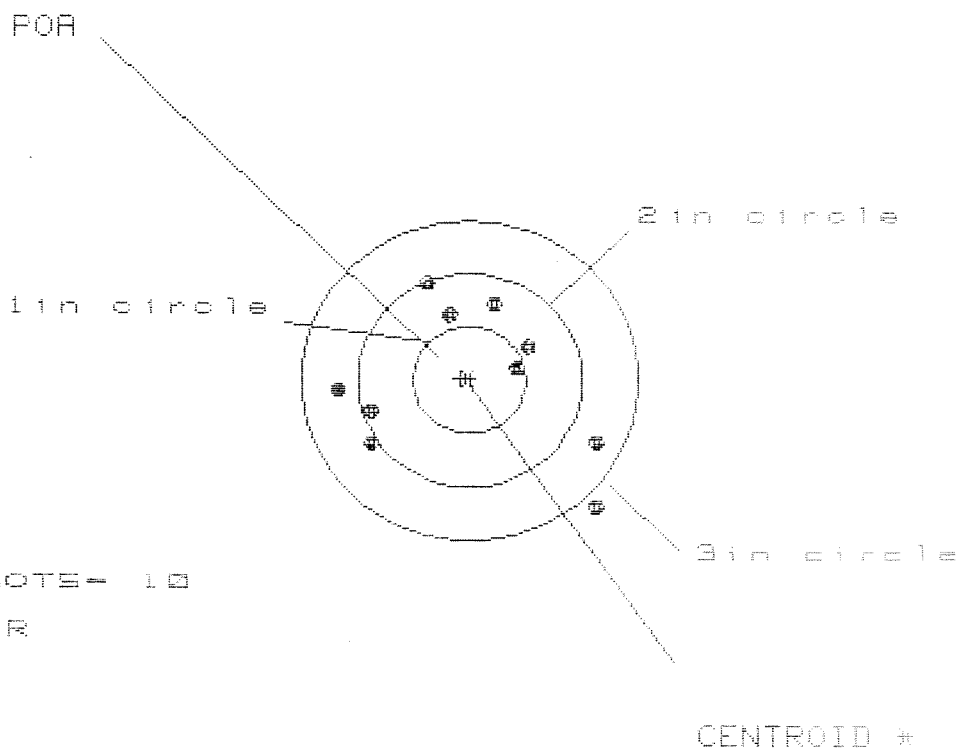
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.270	1.194	1.004
MINIMUM X	-1.114	-1.190	-1.040
MAXIMUM Y	1.211	.813	.883
MINIMUM Y	-1.284	-1.150	-1.080
CENTROID X	.066	.142	-.008
CENTROID Y	.177	.043	-.027
POA TO CENTROID in.	.189	.148	.028
MIN RADIUS	.170	.227	.362
MEAN RADIUS	.937	.884	.826
MAX RADIUS	1.388	1.335	1.240
HORIZONTAL SPREAD	2.384	2.384	2.044
VERTICAL SPREAD	2.495	1.963	1.963
EXTREME SPREAD	2.624	2.440	2.440
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

22 JUL 1994

FILE:/PATTERNING/CENTERFIRE_PATT/08225209

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 2.319

VS= 2.079

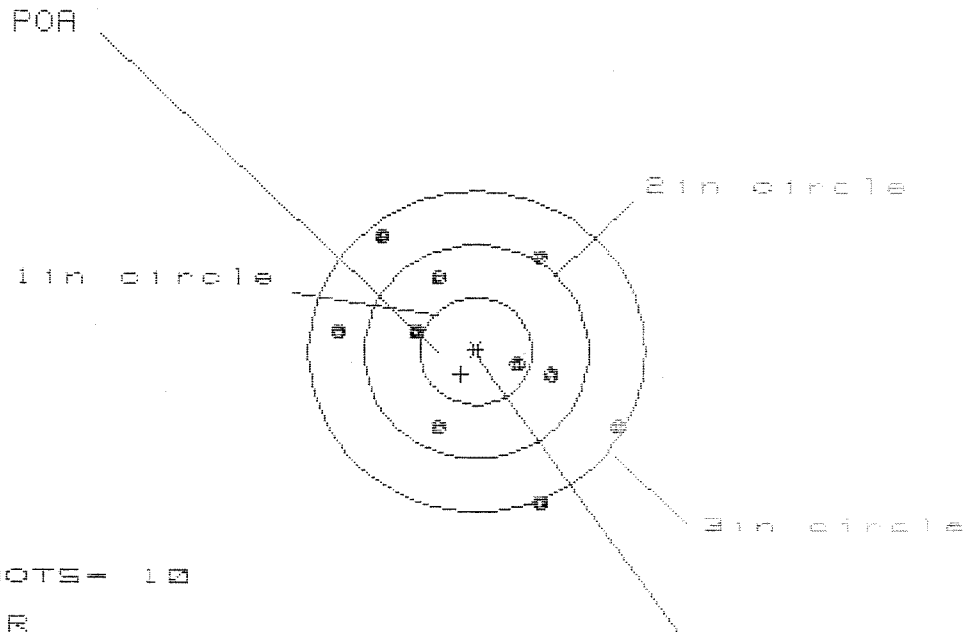
GS= 2.532

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.163	1.284	.758
MINIMUM X	:	-1.156	-1.035	-.875
MAXIMUM Y	:	.933	.806	.721
MINIMUM Y	:	-1.146	-.740	-.825
CENTROID X	:	.078	-.043	-.203
CENTROID Y	:	-.014	.113	.198
POA TO CENTROID in.	:	.080	.121	.284
MIN RADIUS	:	.435	.535	.476
MEAN RADIUS	:	.938	.844	.757
MAX RADIUS	:	1.583	1.452	1.013
HORIZONTAL SPREAD	:	2.319	2.319	1.633
VERTICAL SPREAD	:	2.079	1.546	1.546
EXTREME SPREAD	:	2.532	2.359	1.705
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

22 JUL 1994

FILE:/PATTERNING/CENTERFIRE_PATT/08225209

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 2.511

VS= 2.499

GS= 2.847

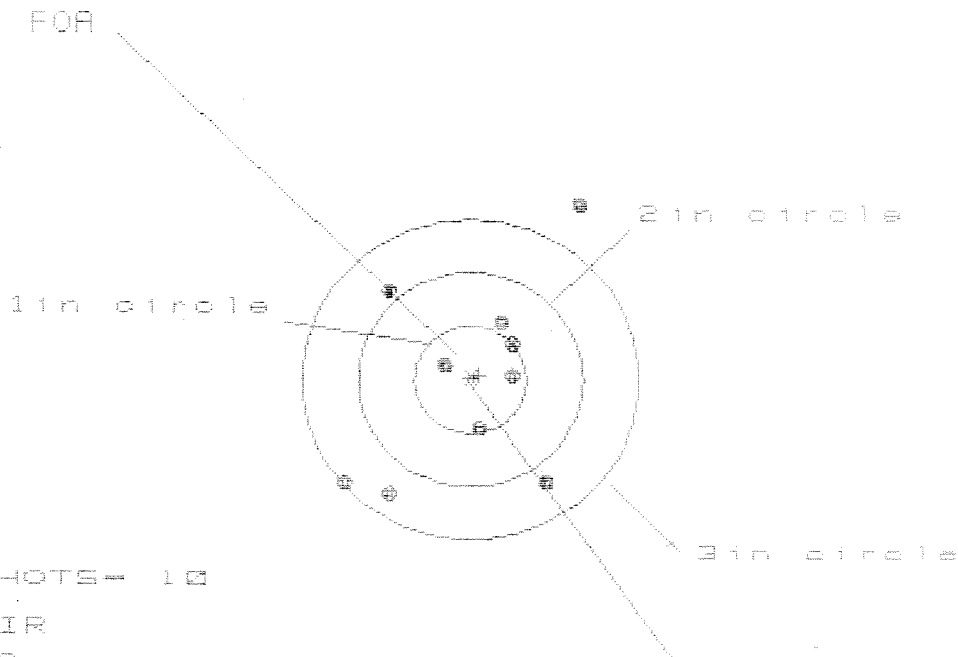
CENTROID #

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.235	1.296	.845
MINIMUM X	-1.276	-1.215	-1.053
MAXIMUM Y	1.115	.962	.859
MINIMUM Y	-1.384	-.865	-.968
CENTROID X	.136	.075	-.087
CENTROID Y	.212	.365	.468
POA TO CENTROID in.	.251	.373	.476
MIN. RADIUS	.353	.467	.332
MEAN RADIUS	.979	.912	.816
MAX RADIUS	1.487	1.535	1.054
HORIZONTAL SPREAD	2.511	2.511	1.898
VERTICAL SPREAD	2.499	1.827	1.827
EXTREME SPREAD	2.847	2.721	1.992
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

22 Jul 1934

FILE:/PATTERNING/CENTERFIRE_PATT/06225209

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 2.166

VS= 2.659

GS= 3.416

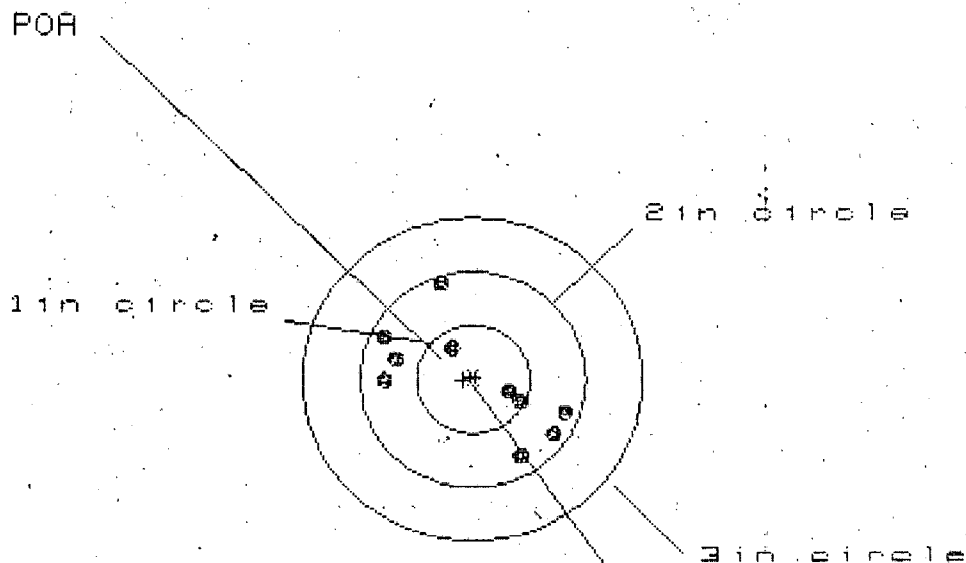
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.000	.820	.688
MINIMUM X	:	-1.166	-1.055	-.732
MAXIMUM Y	:	1.635	.975	.872
MINIMUM Y	:	-1.024	-.842	-.945
CENTROID X	:	-.072	-.183	-.051
CENTROID Y	:	-.041	-.223	-.120
FOR TO CENTROID in.	:	.083	.289	.130
MIN RADIUS	:	.295	.306	.350
MEAN RADIUS	:	.917	.815	.716
MAX RADIUS	:	1.917	1.339	1.195
HORIZONTAL SPREAD	:	2.166	1.875	1.420
VERTICAL SPREAD	:	2.659	1.817	1.817
EXTREME SPREAD	:	3.416	2.222	2.222
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

22 Jul 1994

FILE:/PATTERNING/CENTERFIRE_PATT/06225209

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in - 2

2in - 10

3in - 10

HS- 1.609

VS- 1.579

GS- 1.825

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.783	.750	.642
MINIMUM X	-.826	-.859	-.929
MAXIMUM Y	1.923	.536	.437
MINIMUM Y	-.656	-.553	-.486
CENTROID X	.084	.117	.225
CENTROID Y	.006	-.097	-.164
POA TO CENTROID in.	.084	.152	.278
MIN RADIUS	.303	.242	.130
MEAN RADIUS	.701	.662	.588
MAX RADIUS	1.970	1.013	.942
HORIZONTAL SPREAD	1.609	1.609	1.571
VERTICAL SPREAD	1.579	1.089	.923
EXTREME SPREAD	1.825	1.825	1.607
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	10		
NUMBER IN THREE INCH CIRCLE =	10		