

C6348832

MODEL 700™ M24

Model **S&S**™

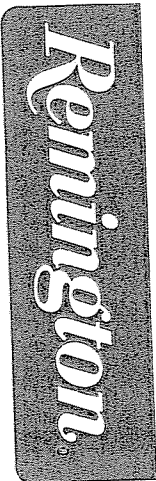
Action

Barrel Length

Capacity

Order No. **5715**

*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: RE00143870

Serial: C5348832 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 4/1/2008 7:14:34 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: COMM 1 ST SFG

COMM 1 ST SFG

Address 1: ATTN 3/1/ BENDELL

ATTN 3/1/ BENDELL

Address 2:

PO Box:

FORT LEWIS

PO Box:

City: FORT LEWIS

FORT LEWIS

State: WA

Zip Code: 98433

Country: US

State: WA

Zip Code: 98433

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
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

4/1/2008

2:20 PM

CAPS

NUM

TDS

SCPL

Serial
Number:

C6348832

Model: M24 SWS



RE00143870

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

R & E NUMBER 00143870SERIAL NUMBER C 8348832LOG-IN DATE 4-1-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	4-7-08	RTZ
505	RE-BARREL	4-7-08	RTZ
560	ASSEMBLE	4-7-08	TRW
600	PROOF	4-7-08	TRW
605	CHECK HEADSPACE	4-7-08	TRW
610	DIS-ASSEMBLE GUN	4-8-08	TRW
612	MAGNAFLUX	4/9/08	TRW
510	DRILL AND TAP	4/9/08	Fm
615	ROLLMARK CALIBER	4-9-08	CW
618	ROTO-BLAST	4-9-08	DG
620	APPLY COATINGS	4-11-08	CW
625	FINAL ASSEMBLY	4-14-08	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	
650	TARGET	(PASS) FAIL	4-15-08 TRW
	MALFUNCTION FFM	CORRECTION OK	4-16-08 RP
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	4-15-08 RP
670	FINAL INSPECTION	(PASS) FAIL	4-16-08 RTZ
	A) HEADSPACE		
	B) TRIGGER PULL	2.85 2.5 2.86 2.86 2.91	4-16-08 RTZ
680	F) SAFETY ON FORCE	6.0 6.75 6.75	4-16-08 RTZ
	G) SAFETY OFF FORCE	3.0 3.0 3.0	4-16-08 RTZ
	I) FIRING PIN INDENT	.021 .020.5 .021	4-16-08 RTZ
690	PACK		4-16-08 Fm

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348832.___0
FILE DATE AND TIME: 04/16/2008 13:17

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.029
The Average Y Centroid of the Five Target Set:	0.021
The Average Point of Impact of the Five Target Set:	0.036
The Average Mean Radius of the Five Target Set:	0.832
The Distance from POA to Centroid Target #1:	0.318
The Distance from Centroid Target #2 to Centroid Target #1:	0.429
The Distance from Centroid Target #3 to Centroid Target #1:	0.279
The Distance from Centroid Target #4 to Centroid Target #1:	0.348
The Distance from Centroid Target #5 to Centroid Target #1:	0.403

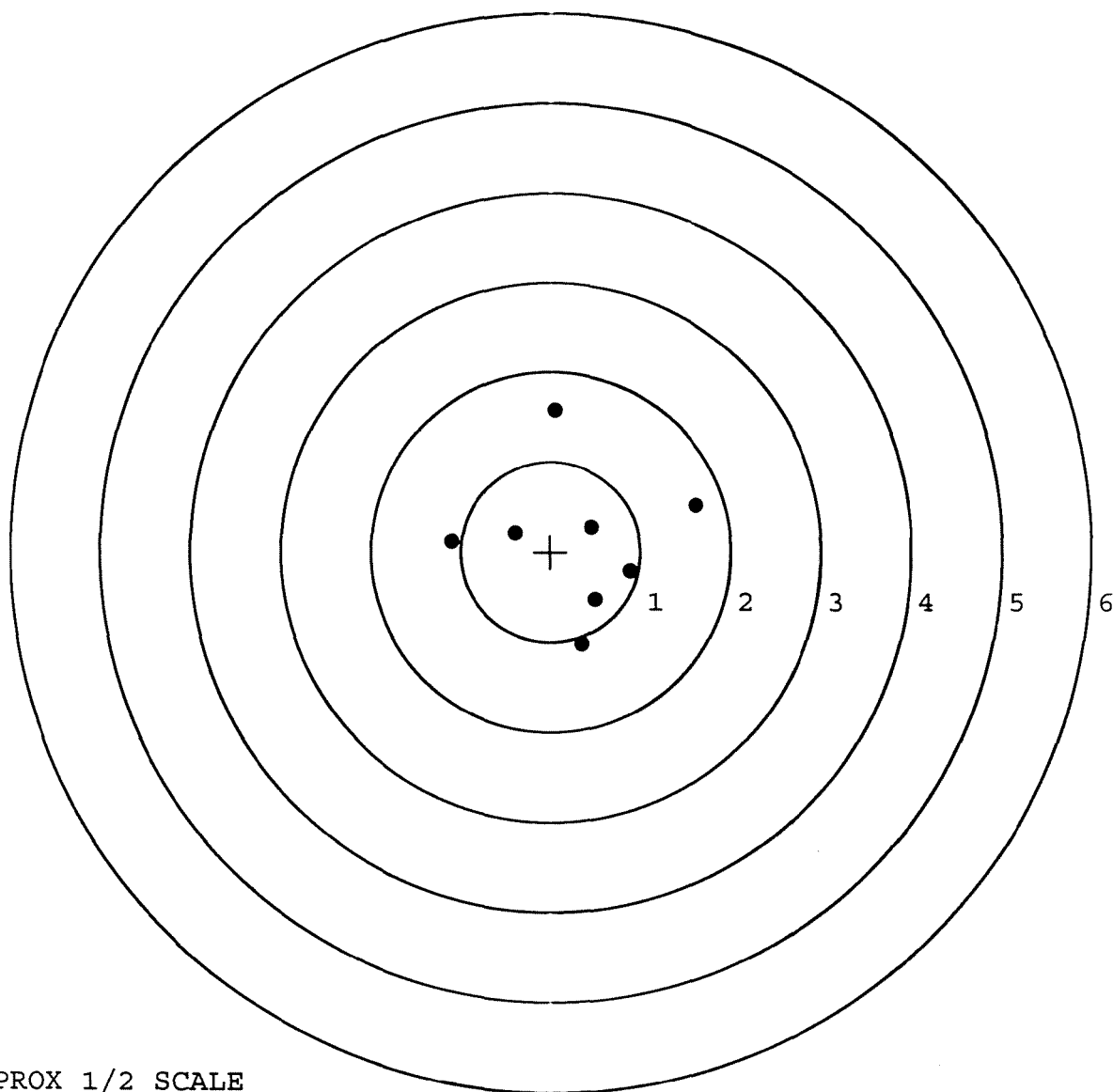
BARBER - M24 0039317

SERIAL NUMBER: C6348832. __0
TARGET NUMBER: 1
FILE DATE: 04/16/2008
FILE TIME: 13:17

X CENTROID: 0.296
Y CENTROID: 0.116
POA TO CENTROID: 0.318
HORZ SPREAD: 2.713
VERT SPREAD: 2.601
GROUP SPREAD: 2.619
MIN RADIUS: 0.226
MAX RADIUS: 1.476
MEAN RADIUS: 0.960

IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.053	1.572
2:	1.609	0.521
3:	0.888	-0.210
4:	0.503	-0.529
5:	0.360	-1.029
6:	0.454	0.278
7:	-0.398	0.210
8:	-1.104	0.119



TARGET APPROX 1/2 SCALE

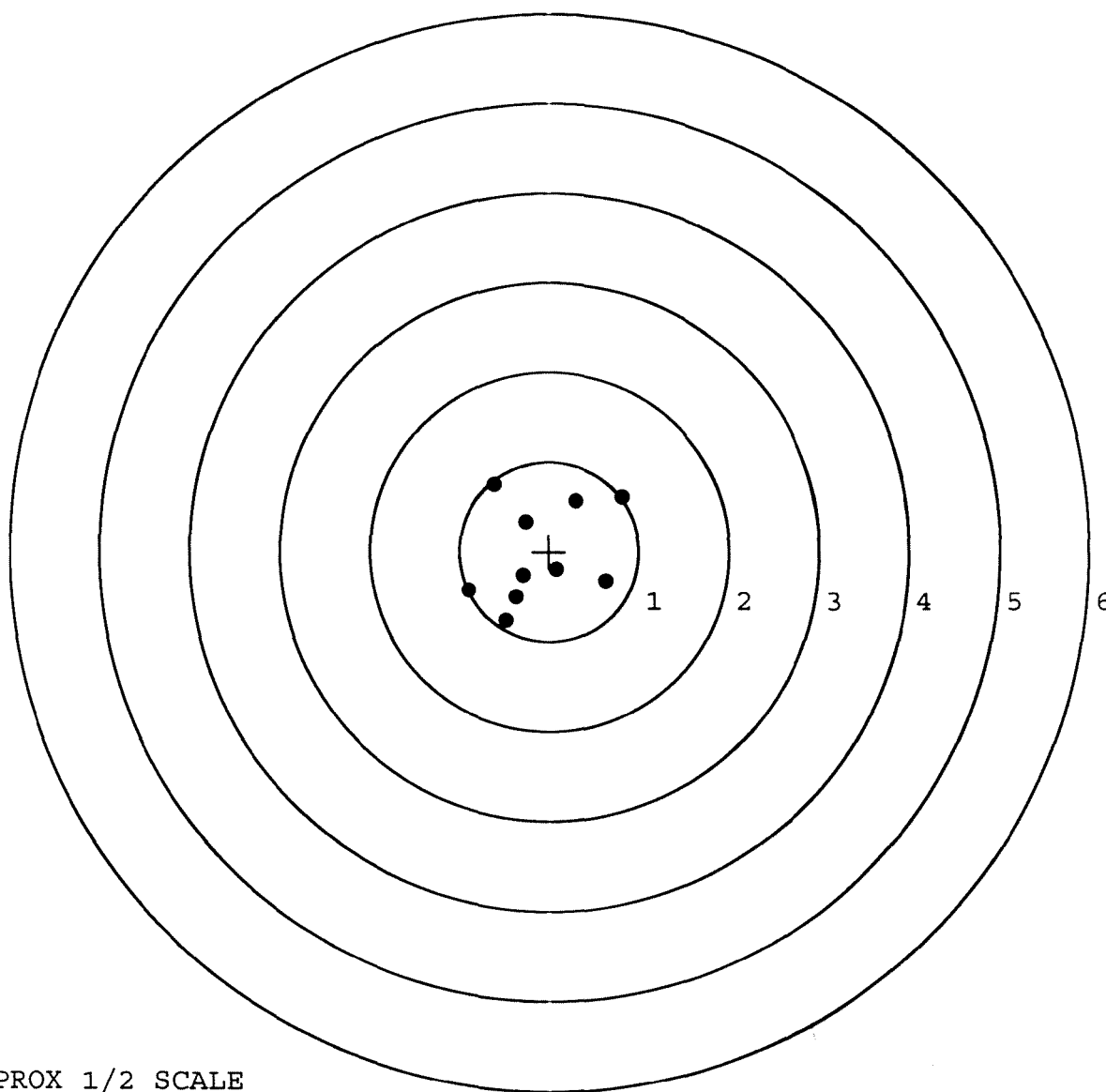
BARBER - M24 0039318

SERIAL NUMBER: C6348832. __0
TARGET NUMBER: 2
FILE DATE: 04/16/2008
FILE TIME: 13:17

X CENTROID: -0.108
Y CENTROID: -0.029
POA TO CENTROID: 0.112
HORZ SPREAD: 1.712
VERT SPREAD: 1.518
GROUP SPREAD: 2.002
MIN RADIUS: 0.261
MAX RADIUS: 1.118
MEAN RADIUS: 0.678

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.612	0.745
2:	0.816	0.601
3:	0.303	0.559
4:	-0.262	0.326
5:	0.085	-0.206
6:	-0.291	-0.270
7:	0.634	-0.329
8:	-0.486	-0.773
9:	-0.896	-0.437
10:	-0.369	-0.510



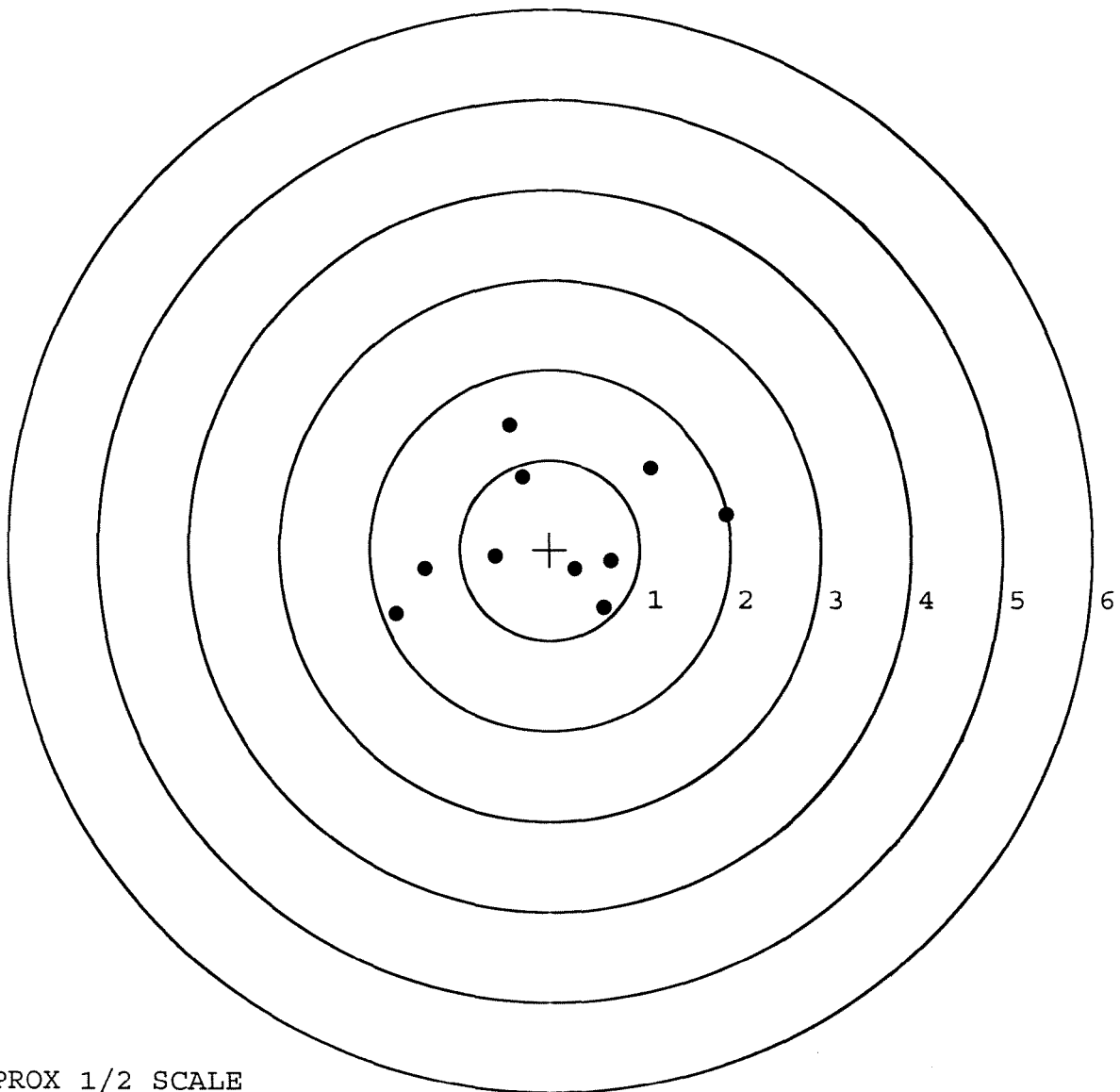
TARGET APPROX 1/2 SCALE

BARBER - M24 0039319

SERIAL NUMBER: C6348832. __0
 TARGET NUMBER: 3
 FILE DATE: 04/16/2008
 FILE TIME: 13:17

POINT#	X	Y
1:	1.953	0.391
2:	1.117	0.911
3:	0.602	-0.646
4:	0.683	-0.123
5:	0.281	-0.214
6:	-0.302	0.803
7:	-0.447	1.384
8:	-0.600	-0.076
9:	-1.391	-0.216
10:	-1.708	-0.718

X CENTROID: 0.019
 Y CENTROID: 0.150
 POA TO CENTROID: 0.151
 HORZ SPREAD: 3.661
 VERT SPREAD: 2.102
 GROUP SPREAD: 3.825
 MIN RADIUS: 0.448
 MAX RADIUS: 1.949
 MEAN RADIUS: 1.153
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 8



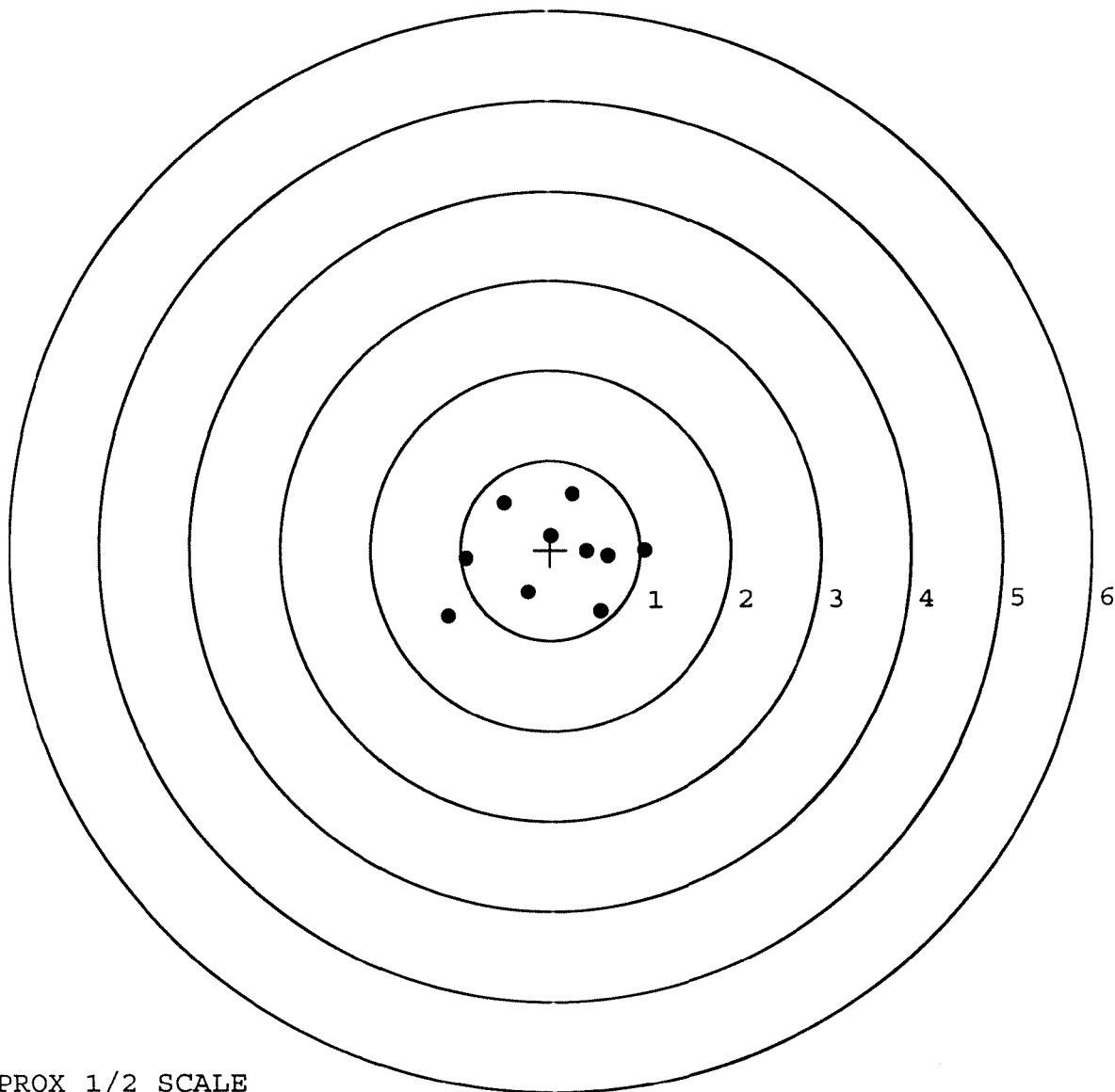
TARGET APPROX 1/2 SCALE

BARBER - M24 0039320

SERIAL NUMBER: C6348832. __0
TARGET NUMBER: 4
FILE DATE: 04/16/2008
FILE TIME: 13:17

X CENTROID: 0.007
Y CENTROID: -0.079
POA TO CENTROID: 0.079
HORZ SPREAD: 2.193
VERT SPREAD: 1.360
GROUP SPREAD: 2.309
MIN RADIUS: 0.233
MAX RADIUS: 1.325
MEAN RADIUS: 0.741
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.512	0.520
2:	0.249	0.625
3:	-0.938	-0.096
4:	-1.144	-0.735
5:	-0.249	-0.471
6:	0.007	0.154
7:	0.409	-0.018
8:	1.049	-0.013
9:	0.561	-0.681
10:	0.640	-0.073



TARGET APPROX 1/2 SCALE

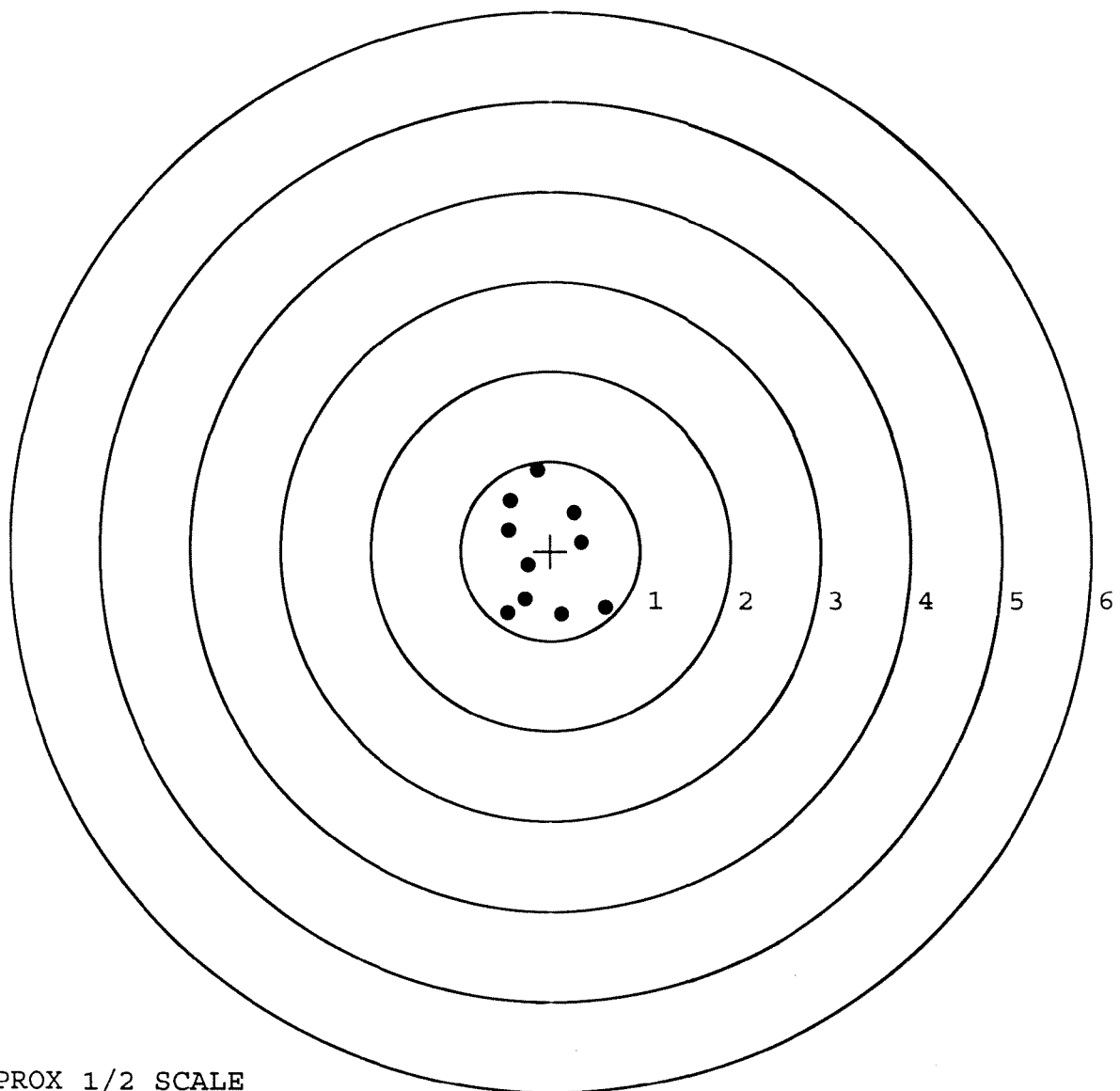
BARBER - M24 0039321

SERIAL NUMBER: C6348832. __0
TARGET NUMBER: 5
FILE DATE: 04/16/2008
FILE TIME: 13:17

X CENTROID: -0.070
Y CENTROID: -0.053
POA TO CENTROID: 0.088
HORZ SPREAD: 1.093
VERT SPREAD: 1.606
GROUP SPREAD: 1.714
MIN RADIUS: 0.206
MAX RADIUS: 0.955
MEAN RADIUS: 0.627

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

POINT#	X	Y
1:	0.614	-0.637
2:	0.126	-0.707
3:	-0.479	-0.696
4:	-0.248	-0.157
5:	0.348	0.094
6:	0.273	0.425
7:	-0.464	0.233
8:	-0.441	0.556
9:	-0.146	0.899
10:	-0.285	-0.543



TARGET APPROX 1/2 SCALE

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: **RE00052600** Serial: C6348832 Model: 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: Closed 9/19/02 2:13:00 PM

Verify Repair

Address Information

Customer: ☒ Received From: ☐ Return To: ☒ Received From

Name: A CO A CO

Address 1: 3/1 SFG (A) 3/1 SFG (A)

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: Fax: Email: Comments:

Received Condition

Condition: Poor

Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
X	FRT & REAR SGT BA	1

Repair Search Refresh Close

9/19/02 3:23 PM CAPS NUM INS SCFL

Start [Icons] 3:23 PM

Serial Number:

C6348832Model: **700****RE00052600**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348832.___0
FILE DATE AND TIME: 10/11/2002 13:41

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

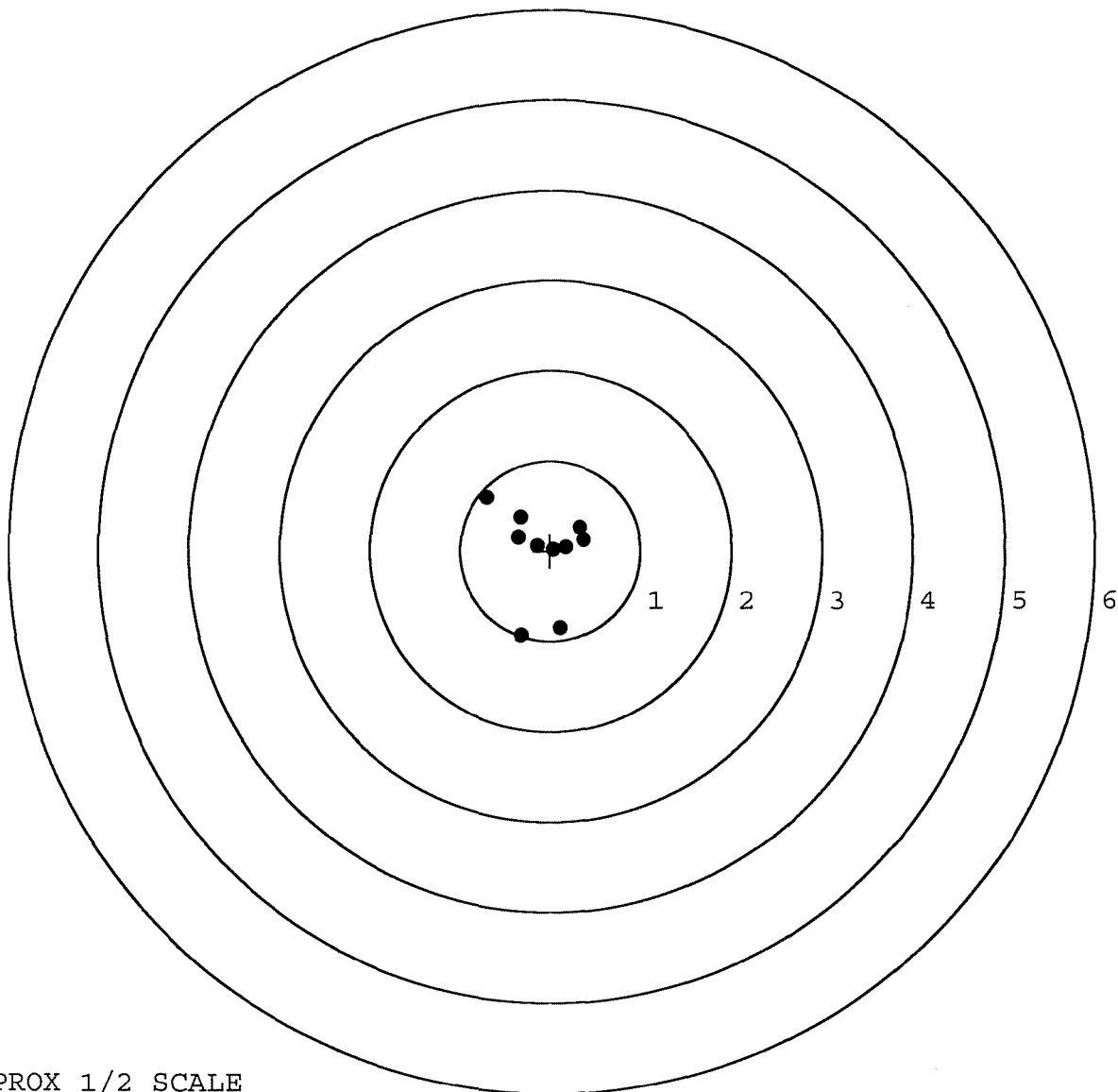
The Average X Centroid of the Five Target Set:	-0.040
The Average Y Centroid of the Five Target Set:	-0.066
The Average Point of Impact of the Five Target Set:	0.077
The Average Mean Radius of the Five Target Set:	0.453
The Distance from POA to Centroid Target #1:	0.085
The Distance from Centroid Target #2 to Centroid Target #1:	0.112
The Distance from Centroid Target #3 to Centroid Target #1:	0.049
The Distance from Centroid Target #4 to Centroid Target #1:	0.119
The Distance from Centroid Target #5 to Centroid Target #1:	0.172

BARBER - M24 0039324

SERIAL NUMBER: C6348832. __0
TARGET NUMBER: 1
FILE DATE: 10/11/2002
FILE TIME: 13:41

POINT#	X	Y
1:	0.110	-0.861
2:	-0.325	-0.945
3:	-0.700	0.591
4:	-0.329	0.369
5:	-0.349	0.150
6:	0.332	0.257
7:	0.367	0.121
8:	0.177	0.042
9:	0.034	0.015
10:	-0.146	0.060

X CENTROID: -0.083
Y CENTROID: -0.020
POA TO CENTROID: 0.085
HORZ SPREAD: 1.067
VERT SPREAD: 1.536
GROUP SPREAD: 1.581
MIN RADIUS: 0.102
MAX RADIUS: 0.956
MEAN RADIUS: 0.493
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



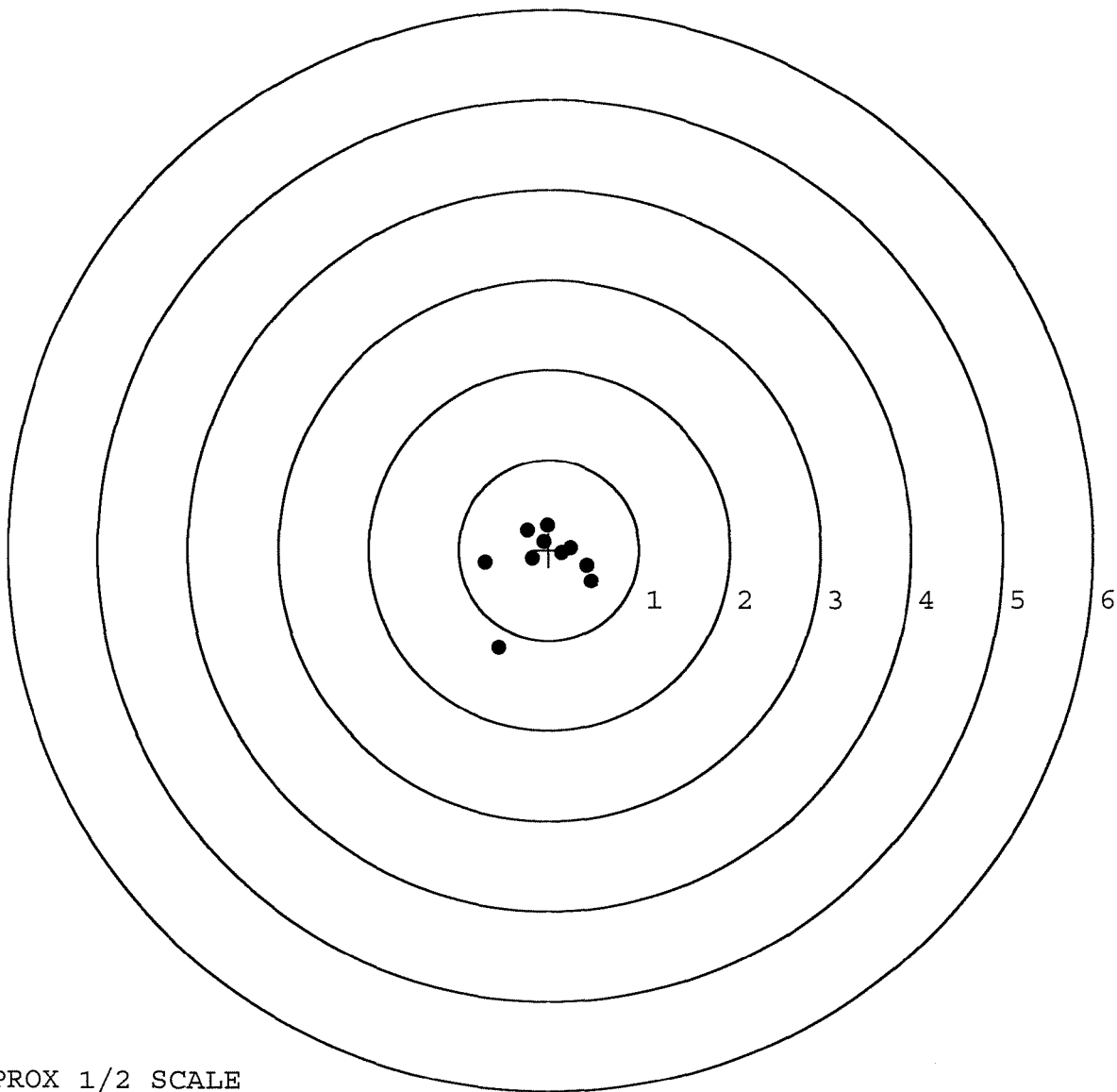
TARGET APPROX 1/2 SCALE

BARBER - M24 0039325

SERIAL NUMBER: C6348832. __0
TARGET NUMBER: 2
FILE DATE: 10/11/2002
FILE TIME: 13:41

X CENTROID: -0.046
Y CENTROID: -0.126
POA TO CENTROID: 0.134
HORZ SPREAD: 1.177
VERT SPREAD: 1.354
GROUP SPREAD: 1.454
MIN RADIUS: 0.142
MAX RADIUS: 1.081
MEAN RADIUS: 0.447
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.550	-1.082
2:	-0.703	-0.137
3:	0.474	-0.340
4:	0.433	-0.170
5:	0.245	0.024
6:	-0.020	0.272
7:	-0.244	0.217
8:	-0.185	-0.098
9:	0.146	-0.037
10:	-0.055	0.090



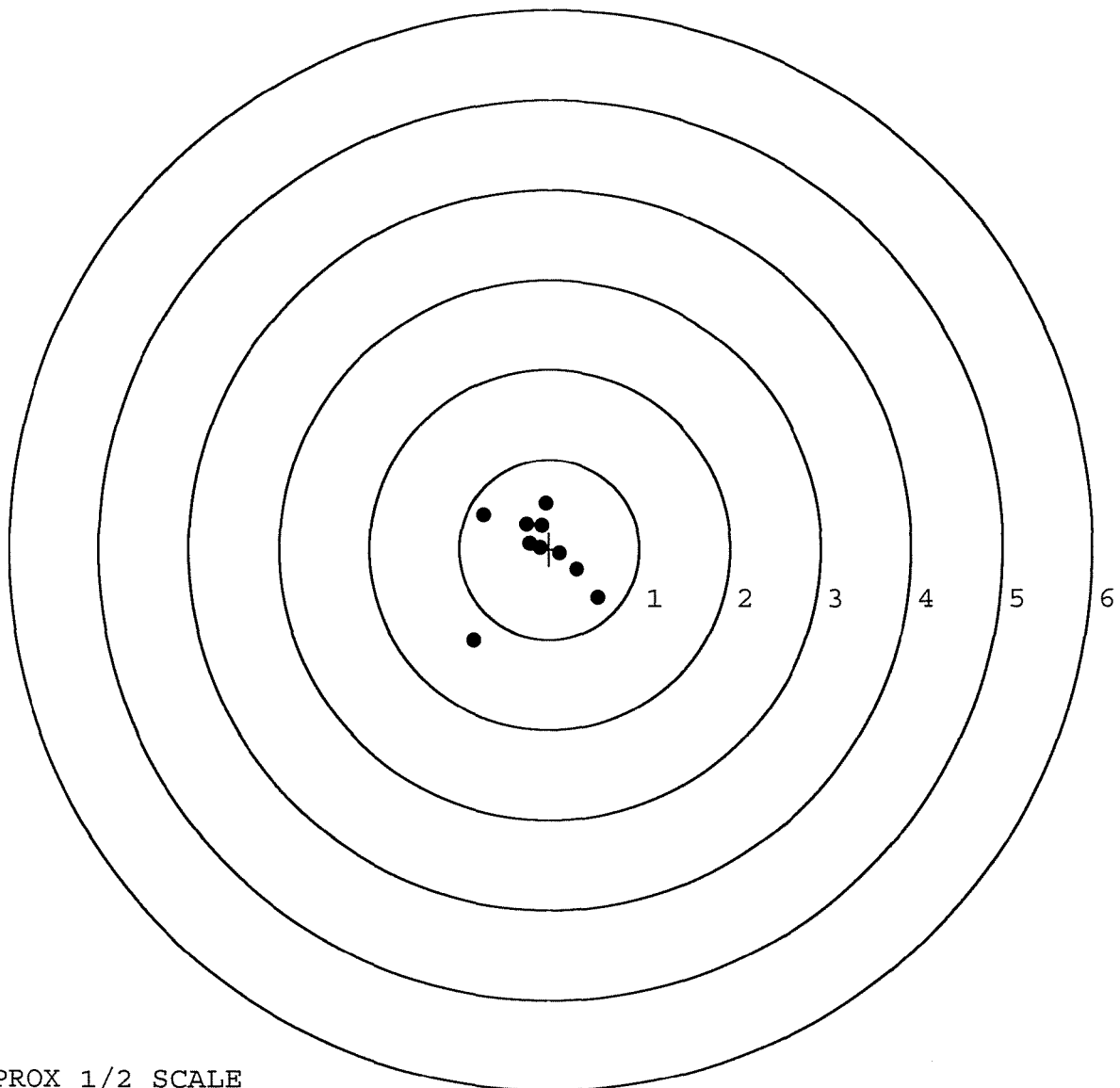
TARGET APPROX 1/2 SCALE

BARBER - M24 0039326

SERIAL NUMBER: C6348832. __0
TARGET NUMBER: 3
FILE DATE: 10/11/2002
FILE TIME: 13:41

POINT#	X	Y
1:	-0.833	-1.019
2:	0.546	-0.541
3:	0.308	-0.231
4:	-0.732	0.382
5:	-0.044	0.510
6:	-0.255	0.278
7:	-0.088	0.261
8:	-0.220	0.062
9:	-0.101	0.015
10:	0.114	-0.049

X CENTROID: -0.130
Y CENTROID: -0.033
POA TO CENTROID: 0.135
HORZ SPREAD: 1.379
VERT SPREAD: 1.529
GROUP SPREAD: 1.721
MIN RADIUS: 0.057
MAX RADIUS: 1.210
MEAN RADIUS: 0.488
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0039327

SERIAL NUMBER: C6348832. __0

TARGET NUMBER: 4

FILE DATE: 10/11/2002

FILE TIME: 13:41

X CENTROID: -0.027

Y CENTROID: -0.125

POA TO CENTROID: 0.128

HORZ SPREAD: 1.547

VERT SPREAD: 1.369

GROUP SPREAD: 1.490

MIN RADIUS: 0.072

MAX RADIUS: 0.914

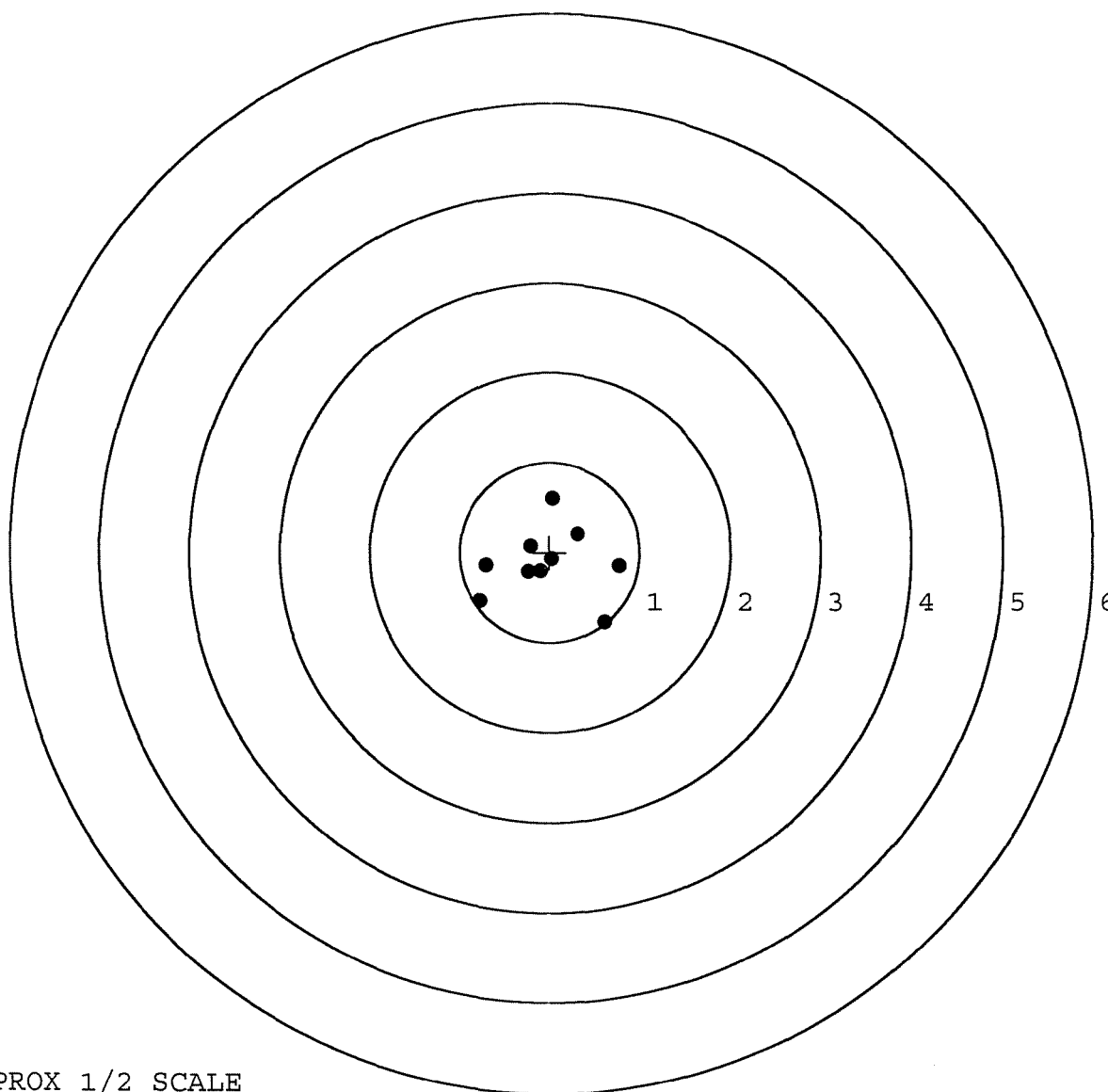
MEAN RADIUS: 0.513

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.615	-0.775
2:	0.775	-0.149
3:	0.310	0.205
4:	0.027	0.594
5:	-0.705	-0.141
6:	-0.772	-0.546
7:	-0.239	-0.218
8:	-0.102	-0.212
9:	-0.207	0.069
10:	0.025	-0.075



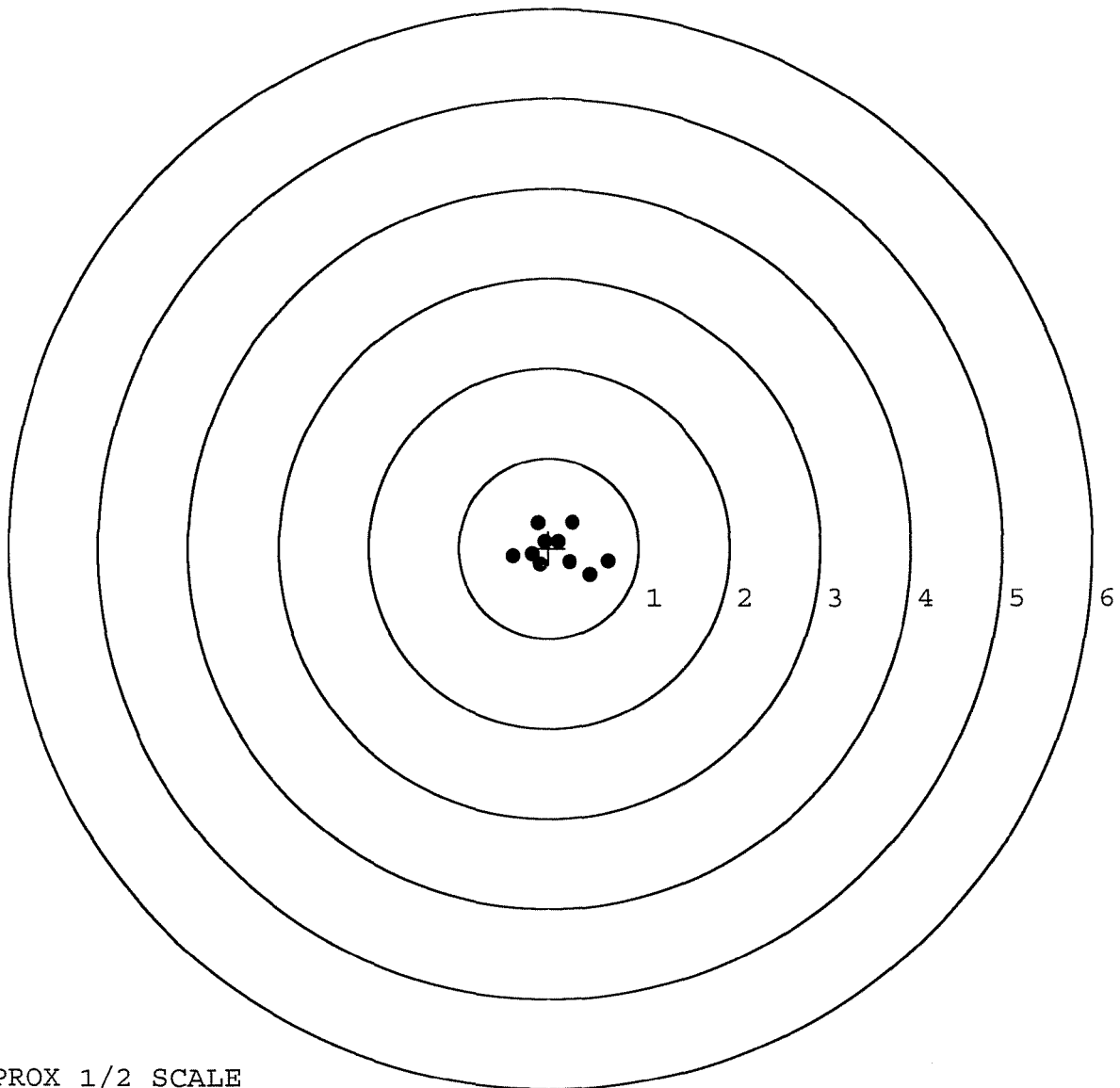
TARGET APPROX 1/2 SCALE

BARBER - M24 0039328

SERIAL NUMBER: C6348832. __0
TARGET NUMBER: 5
FILE DATE: 10/11/2002
FILE TIME: 13:41

POINT#	X	Y
1:	0.665	-0.141
2:	0.466	-0.291
3:	0.261	0.282
4:	-0.122	0.279
5:	-0.400	-0.093
6:	0.234	-0.154
7:	-0.097	-0.185
8:	-0.183	-0.071
9:	-0.046	0.069
10:	0.110	0.071

X CENTROID: 0.089
Y CENTROID: -0.023
POA TO CENTROID: 0.092
HORZ SPREAD: 1.065
VERT SPREAD: 0.573
GROUP SPREAD: 1.066
MIN RADIUS: 0.097
MAX RADIUS: 0.588
MEAN RADIUS: 0.324
IN 1 IN DIAMETER: 9
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Final Inspection

In: C6348832

DATE REC'D: 9/19/02

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	52600		
SERIAL NUMBER	C 6348832		
LOG-IN DATE	9/19/02		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9/20/02	RL
560 A	RE-BARREL	9/20/02	DA
B	DRILL AND TAP	9-21-02	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	9/24/02	RL
615	ROLLMARK CALIBER	9/27/02	TD
618	ROTO-BLAST	9/30/02	KO
620	APPLY COATINGS	10-5	TA
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	10-10-02	AC
655	FINAL INSPECT	10/14/02	RW
660	PACK	10-16-02	DA
		SHIP DATE	
QAR INSPECTION DATE			

Remington
MODEL 700TM M24

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

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

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

Ø1

SERIAL NO.
C6348832

ORDER NO.
5716

UPC
0 47700 25716 7

5716 C6348832

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348832

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	8 30 ~ 89	BW
600	Proof		8 30 89	DW
607	Check Headspace		8 30 89	DW
610	Dis-assemble Gun		8 30 89	DW
612	Magnaflux Barrel Action		8/31/89	KCR
	Magnaflux Bolt		8/31/89	KCR
615	Rollmark Caliber		8/31/89	C.S
7	Drill and Tap Sight Holes	9 1	89	LB
618	Polish Barrel <i>RB</i>	9 1	89	BT
620	Apply Coatings (Barrel Action)		9-7-89	JA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		9/22/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/22/89	RW
	C) Inspect Ejector Hole for Chamfer		9/22/89	RW
	D) Oil Firing Pin Ass'y		9/22/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		25 Sept 89	LS

op. #	BARBER - M24 0039333 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			9/26/89	JEL
	G) Safety Off Force	3	3	3			9/26/89	JEL
	H) Trigger Pull Test & Retainability						25 Sep 89	JS
	I) Firing Pin Indent	.0215	.0215	.022			9/26/89	JEL
	J) Assemble Stock						10/10/89	RW
	K) Assemble Swivel Studs						11 Dec 89	JS
	L) Attach Front and Rear Sight Assemblies						10/10/89	RW
	M) Iron Sight Alignment						10/10/89	RW
	N) Detach Front & Rear Sights & place in numbered container						10/10/89	RW
	O) Attach Scope to Rifle						10 Oct 89	JS
	P) Detach & Attach Scope 20 Times						10 Oct 89	JS
640	Gallery Target & Test						10-10-89	DAH
	A) Time						10-10-89	DAH
	B) Malfunctions						10-10-89	DAH
	C) Pierced Primers						10-10-89	DAH
	D) Optical Clarity of Scope						10-10-89	DAH
645	Inspect for Live Ammo						10-10-89	DAH
655	Final Inspection A) Headspace						11 Oct 89	JS
	B) Trigger Pull	264	260	255	270	270	11 Oct 89	JS
	C) Function						11 Oct 89	JS
660	Pack						15 Oct 89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6348832DATE 3/29/90TESTER D/H

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.48	2.39	2.35	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.38	2.24	
PULL #3	2.41	2.33	2.35	
PULL #4	2.38	2.18	2.38	
PULL #5	2.40	2.29	2.28	
TOTAL	12.12	11.57	11.60	
AVG.	2.42	2.31	2.32	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.44	3.38	
PULL #2	3.49	3.49	
PULL #3	3.42	3.42	
PULL #4	3.49	3.39	
PULL #5	3.31	3.43	
TOTAL	17.15	17.11	
AVG.	3.43	3.42	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.40		
PULL #2	4.41	4.40		
PULL #3	4.33	4.37		
PULL #4	4.33	4.36		
PULL #5	4.42	4.39		
TOTAL	21.75	21.92		
AVG.	4.35	4.38		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348832
11 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.115412
1 TO	2	.445486
1 TO	3	.101178
1 TO	4	.530962
1 TO	5	.149255

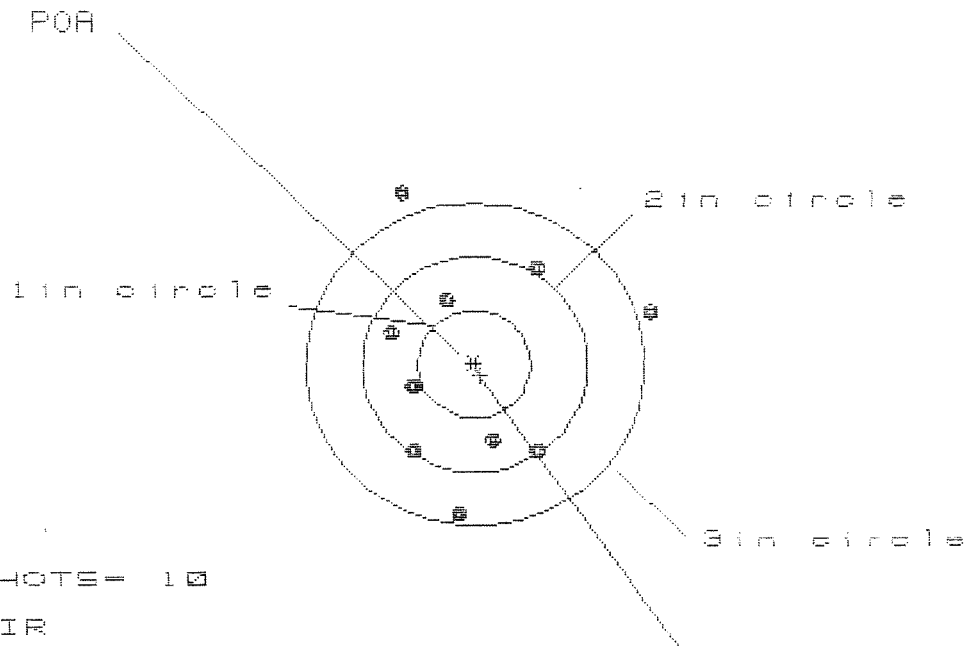
$\bar{x}_c$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1408
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0206
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .142299
THE AMR FOR THIS RIFLE IS: 1.126

11 Oct 1989

FILE: \PATTERNING\CENTERFIRE_PATT\06348832

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 6

3 in = 8

HS = 2.335

VS = 2.984

GS = 3.025

CENTROID #

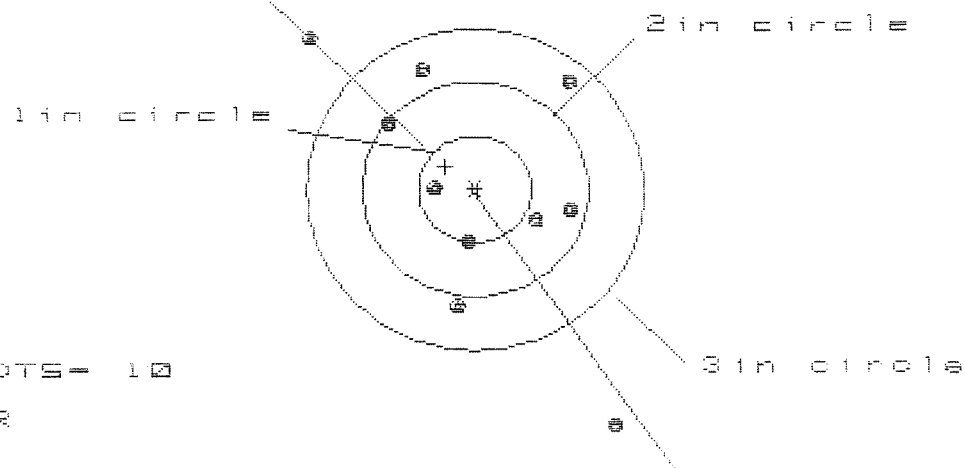
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.577	1.510	.689
MINIMUM X	-.758	-.825	-.637
MAXIMUM Y	1.570	1.060	1.144
MINIMUM Y	-1.414	-1.240	-1.156
CENTROID X	-.054	.012	-.176
CENTROID Y	.102	-.072	-.156
POA TO CENTROID in.	.116	.073	.236
MIN RADIUS	.604	.527	.452
MEAN RADIUS	1.048	.962	.835
MAX RADIUS	1.681	1.653	1.336
HORIZONTAL SPREAD	2.335	2.335	1.326
VERTICAL SPREAD	2.984	2.300	2.300
EXTREME SPREAD	3.025	2.546	2.396
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	8	

11 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/0634B8832

CENTERFIRE PATTERNS # 2

FOR



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS = 2.718

VS = 3.579

GS = 4.494

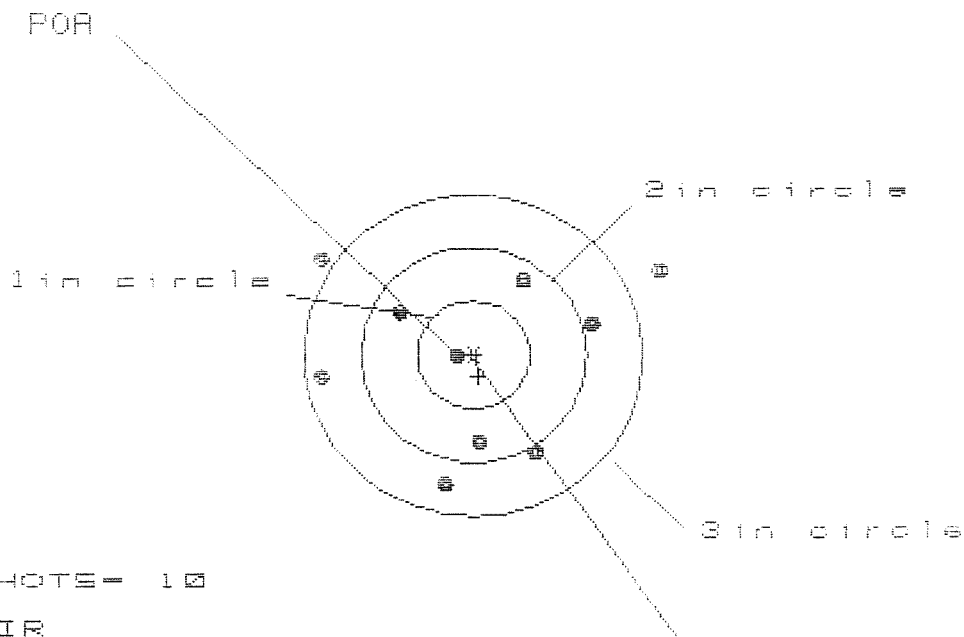
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.233	1.011	.842
MINIMUM X	:	-1.485	-1.348	-.825
MAXIMUM Y	:	1.391	1.148	1.029
MINIMUM Y	:	-2.188	-1.292	-1.148
CENTROID X	:	.263	.126	.295
CENTROID Y	:	-.211	.032	-.112
FOR TO CENTROID in.	:	.338	.130	.315
MIN RADIUS	:	.399	.356	.442
MEAN RADIUS	:	1.147	.998	.874
MAX RADIUS	:	2.511	1.771	1.241
HORIZONTAL SPREAD	:	2.718	2.359	1.667
VERTICAL SPREAD	:	3.579	2.440	2.177
EXTREME SPREAD	:	4.494	2.804	2.387
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

11 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06348832

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS = 3.026

VS = 2.121

GS = 3.165

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.649	1.219	1.069
MINIMUM X	:	-1.377	-1.194	-1.312
MAXIMUM Y	:	.934	1.023	.920
MINIMUM Y	:	-1.187	-1.098	-.970
CENTROID X	:	-.048	-.231	-.082
CENTROID Y	:	.203	.114	-.014
POA TO CENTROID in.	:	.209	.257	.083
MIN RADIUS	:	.121	.128	.254
MEAN RADIUS	:	1.071	.973	.890
MAX RADIUS	:	1.835	1.573	1.312
HORIZONTAL SPREAD	:	3.026	2.413	2.381
VERTICAL SPREAD	:	2.121	2.121	1.890
EXTREME SPREAD	:	3.165	2.645	2.440
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

11 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06346882

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 2

3 in = 7

HS = 2.740

VS = 2.925

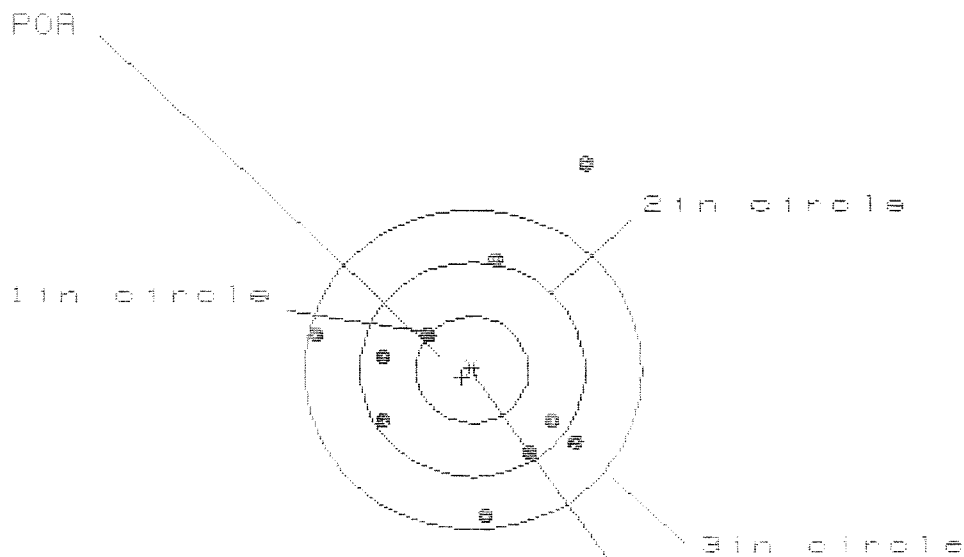
GS = 3.223

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.203	1.068	.859
MINIMUM X	:	-1.537	-1.672	-1.552
MAXIMUM Y	:	1.537	1.397	1.280
MINIMUM Y	:	-1.388	-1.528	-1.645
CENTROID X	:	.451	.586	.795
CENTROID Y	:	-.062	.078	.195
POA TO CENTROID in.	:	.455	.591	.818
MIN RADIUS	:	.340	.203	.283
MEAN RADIUS	:	1.263	1.158	1.003
MAX RADIUS	:	1.751	1.917	1.645
HORIZONTAL SPREAD	:	2.740	2.740	2.411
VERTICAL SPREAD	:	2.925	2.925	2.925
EXTREME SPREAD	:	3.223	3.201	3.021
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	2		
NUMBER IN THREE INCH CIRCLE	=	7		

11 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06346032

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS = 2.379

VS = 3.232

GS = 3.358

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.996
MINIMUM X	-1.383
MAXIMUM Y	1.898
MINIMUM Y	-1.334
CENTROID X	.092
CENTROID Y	.071
POA TO CENTROID in.	.117
MIN RADIUS	.491
MEAN RADIUS	1.100
MAX RADIUS	2.144
HORIZONTAL SPREAD	2.379
VERTICAL SPREAD	3.232
EXTREME SPREAD	3.358
NUMBER IN ONE INCH CIRCLE	1
NUMBER IN TWO INCH CIRCLE	5
NUMBER IN THREE INCH CIRCLE	9

BARBER - M24 0039341 RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 96-06338

INITIAL FPS	CUSTOMER ORDER NO.		M24 SNIPER			
DATE RECEIVED 02/26/96	DATE OPENED 02/26/96	DATE CODE	SERIAL NUMBER C6348832	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62	NATO
ACCESSORIES W/STUDS			SCOPE BASE			

FROM:

DEPT. OF THE ARMY
A CO. 3RD BATT. 1ST SP. FORCES
BLDG 9177, BOX 339502
FT LEWIS WA 98433

SHIP TO:

DEPT. OF THE ARMY
A CO. 3RD BATT. 1ST SP. FORCES
BLDG 9177, BOX 339502
FT LEWIS WA 98433

CUST NO: 138744 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

PARTS

COMMENTS

Barrel 96003

Repowder Coat Trigger Guard
Assy. Front & Rear Sight Bases
Rezinc Scope Base & Swivel
Studs

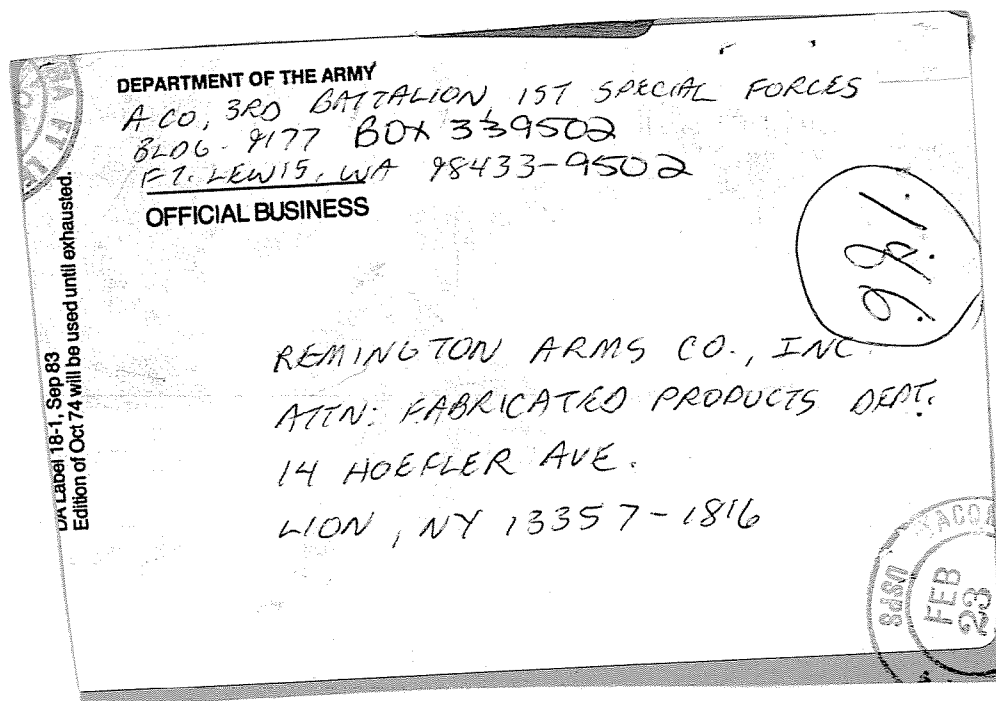
REPAIRMAN RW	PROOF RW	CLEAN ✓	TEST A	TARGET A	PATTERN
GALLERY TESTER RW	DATE 3/20/96	DATE 4/3/96	DATE 4/3/96	DATE 4/3/96	DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0039341 939380



OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		3/30/96	RW
600	Proof		3/30/96	RW
607	Check Headspace		3/30/96	RW
610	Dis-assemble Gun		3/30/96	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		4/2/96	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/2/96	RW
	C) Inspect Ejector Hole for Chamfer		4/2/96	RW
	D) Oil Firing Pin Ass'y		4/2/96	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/2/96	RW

op. #	BARBER - M24 0039344 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		4/3/96	RW
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo		4/3/96	AC
655	Final Inspection			
	A) Headspace		4/4/96	RW
	B) Trigger Pull			
	C) Function		4/4/96	RW
660	Pack			

Final Inspection

Sn: C6348832

DATE REC'D: 2/26/96

DATE RET'D:

Auditor: 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:

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348832
5 Feb 1980

CENTROIDAL DISTANCES

0 TO	1	1.0864
1 TO	2	.674763
1 TO	3	.623771
1 TO	4	.241946
1 TO	5	.369543

41
3 5
2
+ <----POA

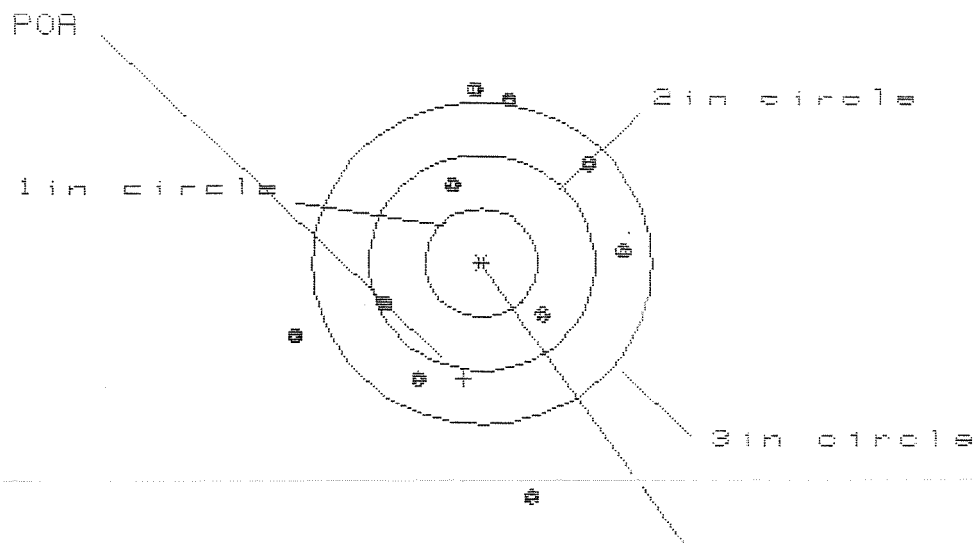
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0386
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .7572
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .757810

THE AMR FOR THIS RIFLE IS: 1.223

5 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C834B882

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 6

HS= 2.966

VS= 3.808

GS= 3.846

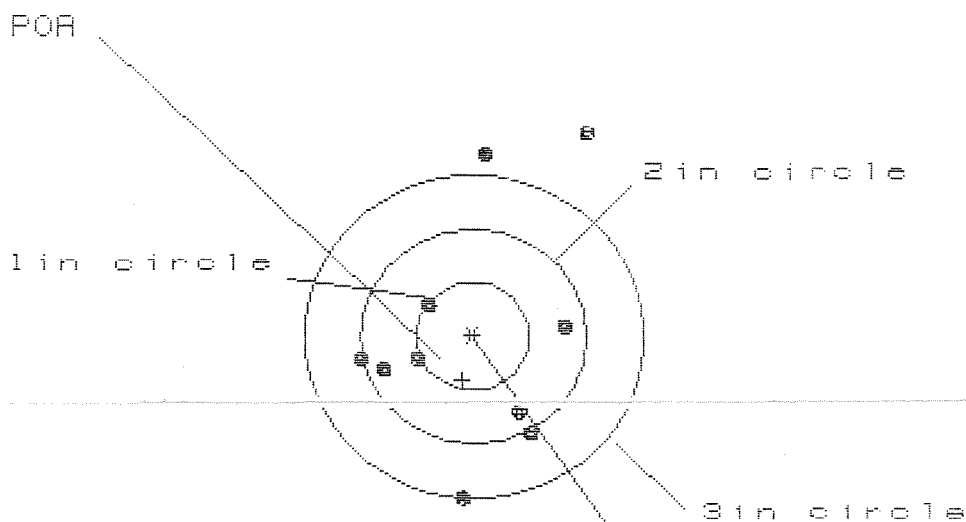
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.275	1.329	1.125
MINIMUM X	-1.691	-1.637	-1.046
MAXIMUM Y	1.604	1.359	1.240
MINIMUM Y	-2.204	-1.308	-1.427
CENTROID X	.157	.103	.307
CENTROID Y	1.075	1.320	1.439
POA TO CENTROID in.	1.086	1.324	1.472
MIN RADIUS	.735	.497	.527
MEAN RADIUS	1.344	1.217	1.105
MAX RADIUS	2.257	1.895	1.599
HORIZONTAL SPREAD	2.966	2.966	2.171
VERTICAL SPREAD	3.808	2.667	2.667
EXTREME SPREAD	3.846	3.076	2.717
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		6	

5 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08348832

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 7

HS = 2.032

VS = 3.485

GS = 3.664

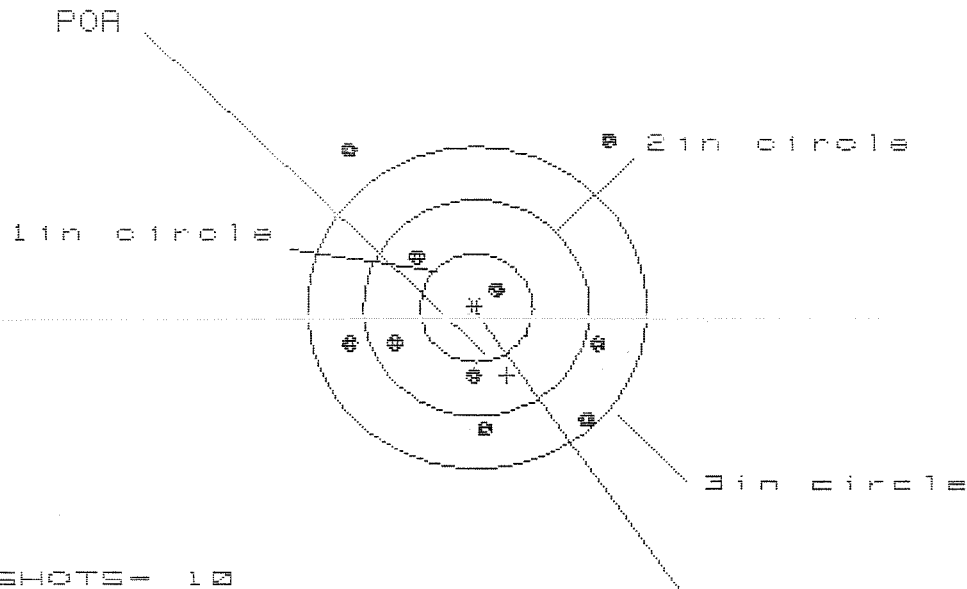
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.003	.879	.902
MINIMUM X	:	-1.029	-.918	-.895
MAXIMUM Y	:	1.935	1.908	.734
MINIMUM Y	:	-1.550	-1.335	-1.097
CENTROID X	:	.096	-.015	-.038
CENTROID Y	:	.403	.188	-.050
POA TO CENTROID in.	:	.414	.189	.063
MIN RADIUS	:	.456	.419	.454
MEAN RADIUS	:	1.101	.935	.794
MAX RADIUS	:	2.179	1.917	1.097
HORIZONTAL SPREAD	:	2.032	1.797	1.797
VERTICAL SPREAD	:	3.485	3.243	1.830
EXTREME SPREAD	:	3.664	3.249	1.858
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

5 Feb 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C8346832

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS = 2.346

VS = 2.710

GS = 3.296

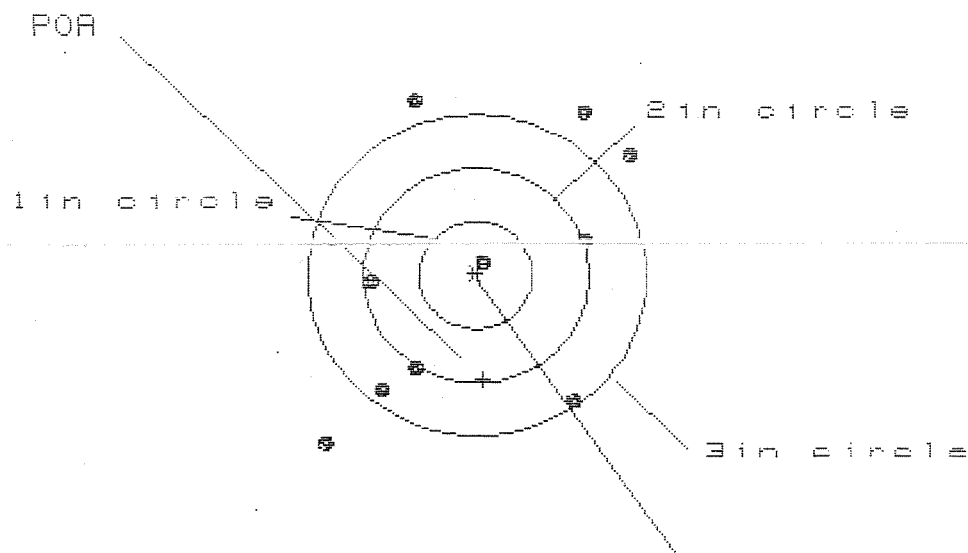
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.189	1.247	1.119
MINIMUM X	:	-1.157	-1.025	-1.138
MAXIMUM Y	:	1.602	1.663	.820
MINIMUM Y	:	-1.108	-.930	-.722
CENTROID X	:	-.276	-.408	-.280
CENTROID Y	:	.626	.448	.240
POA TO CENTROID in.	:	.684	.606	.369
MIN RADIUS	:	.279	.496	.267
MEAN RADIUS	:	1.117	.991	.844
MAX RADIUS	:	1.995	1.953	1.173
HORIZONTAL SPREAD	:	2.346	2.272	2.257
VERTICAL SPREAD	:	2.710	2.593	1.542
EXTREME SPREAD	:	3.296	3.296	2.257
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

5 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6346832

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 2

3 in = 6

HS= 2.664

VS= 3.195

GS= 3.940

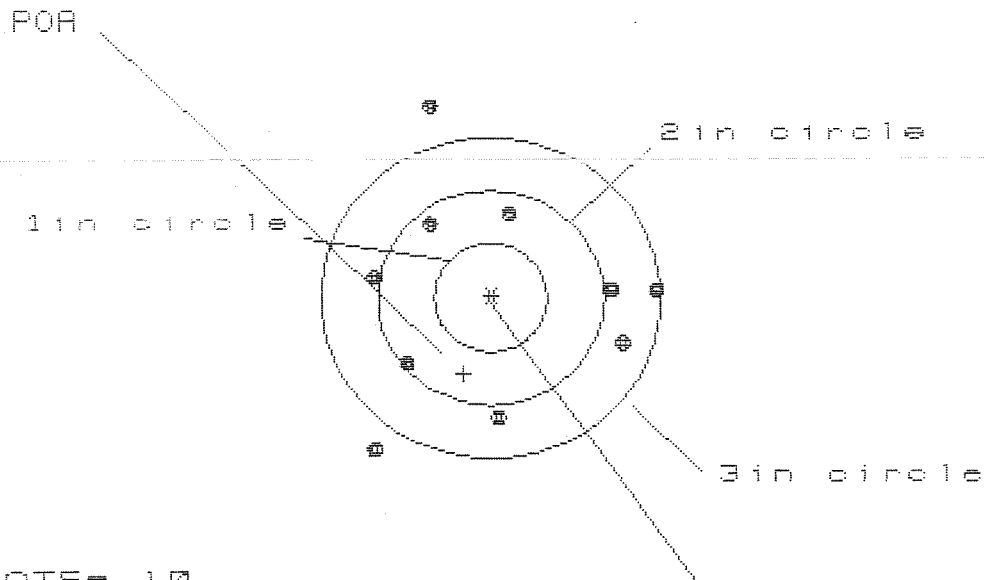
CENTROID #

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.318	1.168	1.274
MINIMUM X	-1.346	-1.121	-1.015
MAXIMUM Y	1.597	1.419	1.593
MINIMUM Y	-1.598	-1.303	-1.129
CENTROID X	-.060	.090	-.016
CENTROID Y	.968	1.146	.972
POA TO CENTROID in.	.970	1.150	.972
MIN RADIUS	.128	.115	.113
MEAN RADIUS	1.332	1.241	1.171
MAX RADIUS	2.090	1.629	1.714
HORIZONTAL SPREAD	2.664	2.289	2.289
VERTICAL SPREAD	3.195	2.722	2.722
EXTREME SPREAD	3.940	3.229	3.104
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	2	
NUMBER IN THREE INCH CIRCLE	=	6	

5 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C834B8832

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 2

3 in = 8

HS= 2.488

VS= 3.194

GS= 3.244

CENTROID *

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.416
MINIMUM X	-1.083
MAXIMUM Y	1.757
MINIMUM Y	-1.437
CENTROID X	.236
CENTROID Y	.714
POA TO CENTROID in.	.752
MIN RADIUS	.810
MEAN RADIUS	1.223
MAX RADIUS	1.825
HORIZONTAL SPREAD	2.499
VERTICAL SPREAD	3.194
EXTREME SPREAD	3.244
NUMBER IN ONE INCH CIRCLE =	0
NUMBER IN TWO INCH CIRCLE =	2
NUMBER IN THREE INCH CIRCLE =	8