

C6522272

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

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: RE00136218

Serial: C6522272 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 11/2/2007 10:17:21 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: BARRY MOBERLY

BARRY MOBERLY

Address 1: L-3 COMMUNICATIONS

L-3 COMMUNICATIONS

Address 2: 5749 BRIAR HILL RD BLDG 221

PO Box:

5749 BRIAR HILL RD BLDG 221

PO Box:

City: LEXINGTON

LEXINGTON

State: KY

Zip Code: 40516

Country: US

State: KY

Zip Code: 40516

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A008	With Swivel	3
A010	Hard Case	1
A026	Scope	1
A055	Deployment Kit	1
D000	SCOPE CASE	1

Repair Search

Refresh

Close

nagletj

11/2/2007

1:11 PM

CAPS

NUM

INS

SCAL

start

2 Mi...

5 Int...

4 Mi...

Part S...

longo...

Arms ...

1:11 PM

Serial Number:

C6522272

Model: M24 SWS



RE00136218

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

R & E NUMBER

136218

SERIAL NUMBER

C6522272

LOG-IN DATE

11-208

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	7-10-08	RTZ
505	RE-BARREL	7-18-08	RTZ
560	ASSEMBLE	7-15-08	ESN
600	PROOF	7-16-08	TRW
605	CHECK HEADSPACE	7-16-08	TRW
610	DIS-ASSEMBLE GUN	7-18-08	RP
612	MAGNAFLUX	7/25/08	RT
510	DRILL AND TAP	7-19-08	SP
615	ROLLMARK CALIBER	7/25/08	RT
618	ROTO-BLAST	7/25/08	DS
620	APPLY COATINGS	8-1-08	RTZ
625	FINAL ASSEMBLY	8-5-08	RTZ
640	FUNCTION TEST AND	9-3-08	RTZ
650	TARGET	9-3-08	RTZ
	MALFUNCTION		
	MALFUNCTION		
	MALFUNCTION		
	MALFUNCTION		
670	FINAL INSPECTION	9-8-08	RTZ
	A) HEADSPACE	9-8-08	RTZ
	B) TRIGGER PULL	2.61 2.66 2.68 2.68 2.78	9-8-08 ESN
680	F) SAFETY ON FORCE	5.0 5.0 5.0	9-8-08 RTZ
	G) SAFETY OFF FORCE	3.50 3.50 3.50	9-8-08 RP
	I) FIRING PIN INDENT	0.23 0.23 0.23	9-8-08 RTZ
690	PACK	19/9/08	Fay

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522272.___0
FILE DATE AND TIME: 09/05/2008 13:33

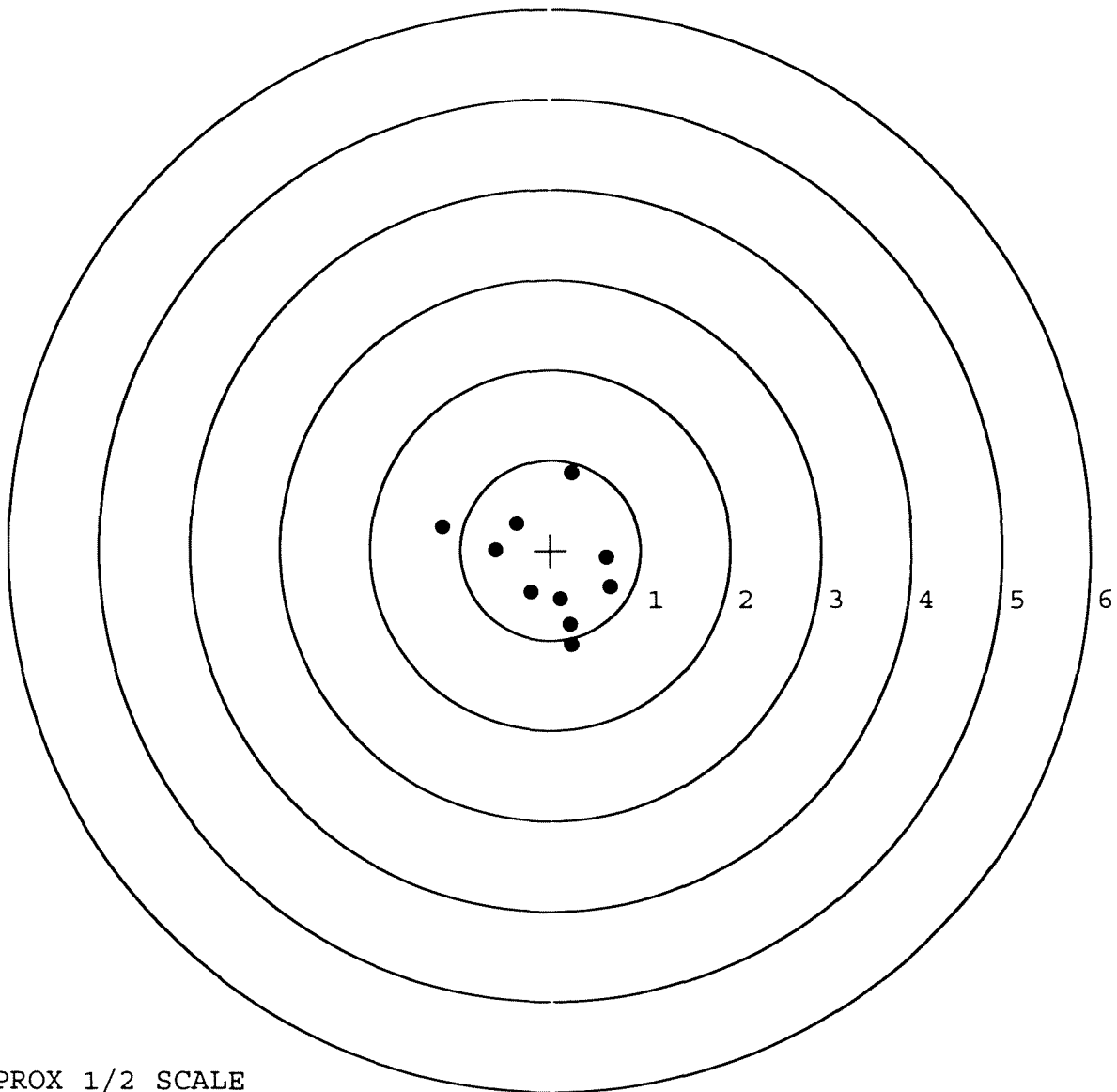
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.049
The Average Y Centroid of the Five Target Set:	0.030
The Average Point of Impact of the Five Target Set:	0.058
The Average Mean Radius of the Five Target Set:	0.848
The Distance from POA to Centroid Target #1:	0.199
The Distance from Centroid Target #2 to Centroid Target #1:	0.283
The Distance from Centroid Target #3 to Centroid Target #1:	0.317
The Distance from Centroid Target #4 to Centroid Target #1:	0.336
The Distance from Centroid Target #5 to Centroid Target #1:	0.253

SERIAL NUMBER: C6522272. __0
 TARGET NUMBER: 1
 FILE DATE: 09/05/2008
 FILE TIME: 13:33

X CENTROID: -0.033
 Y CENTROID: -0.196
 POA TO CENTROID: 0.199
 HORZ SPREAD: 1.858
 VERT SPREAD: 1.915
 GROUP SPREAD: 1.975
 MIN RADIUS: 0.327
 MAX RADIUS: 1.250
 MEAN RADIUS: 0.723
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.225	-0.461
2:	0.112	-0.542
3:	0.228	-1.058
4:	0.220	-0.831
5:	0.662	-0.407
6:	0.623	-0.081
7:	0.237	0.857
8:	-0.609	0.001
9:	-0.377	0.298
10:	-1.196	0.262

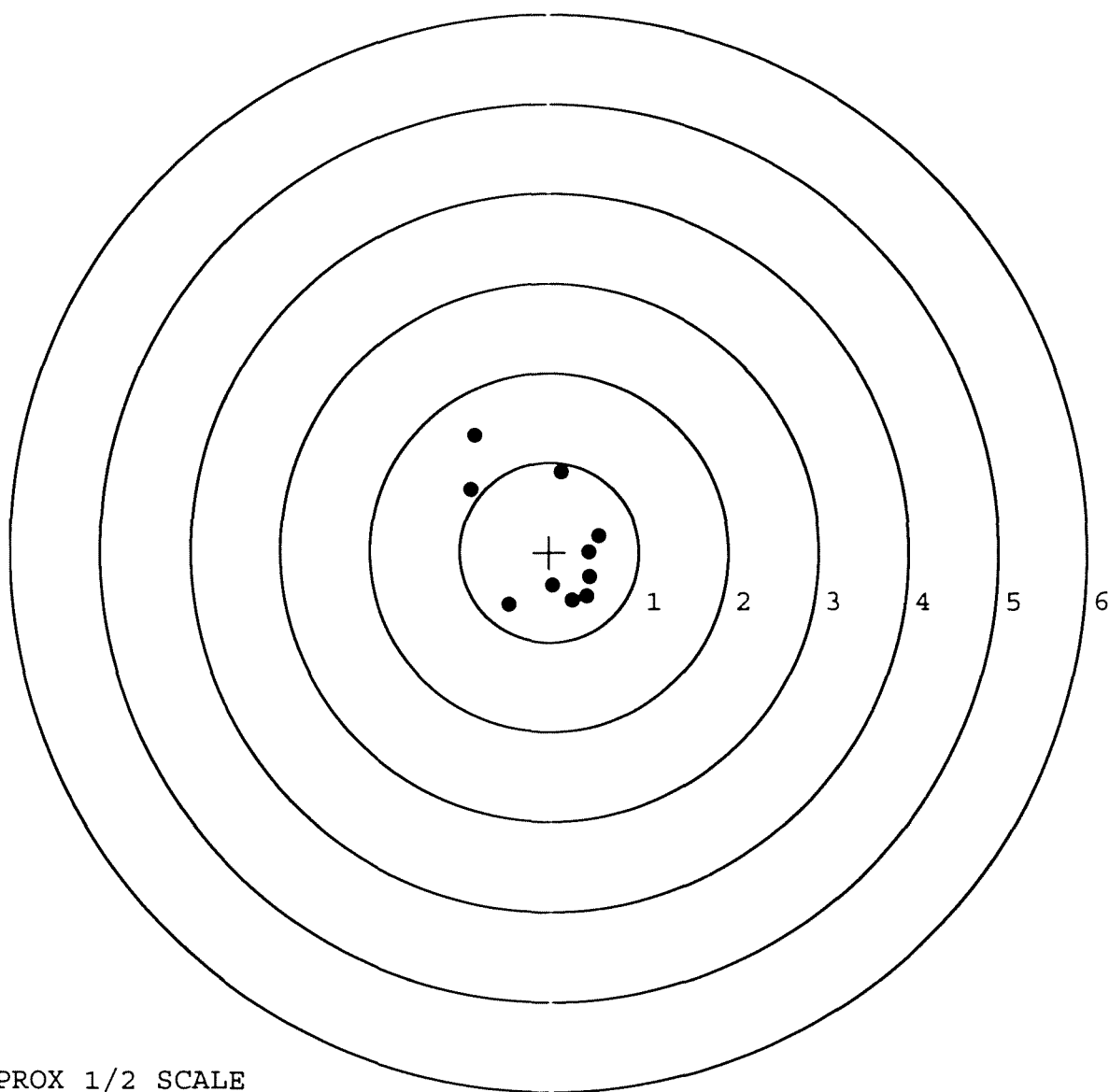


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522272. __0
 TARGET NUMBER: 2
 FILE DATE: 09/05/2008
 FILE TIME: 13:33

X CENTROID: 0.014
 Y CENTROID: 0.083
 POA TO CENTROID: 0.084
 HORZ SPREAD: 1.429
 VERT SPREAD: 1.887
 GROUP SPREAD: 2.184
 MIN RADIUS: 0.438
 MAX RADIUS: 1.484
 MEAN RADIUS: 0.757
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.459	-0.581
2:	0.039	-0.367
3:	0.254	-0.538
4:	0.419	-0.488
5:	0.453	-0.277
6:	0.444	0.002
7:	0.554	0.184
8:	0.136	0.893
9:	-0.875	0.698
10:	-0.827	1.306

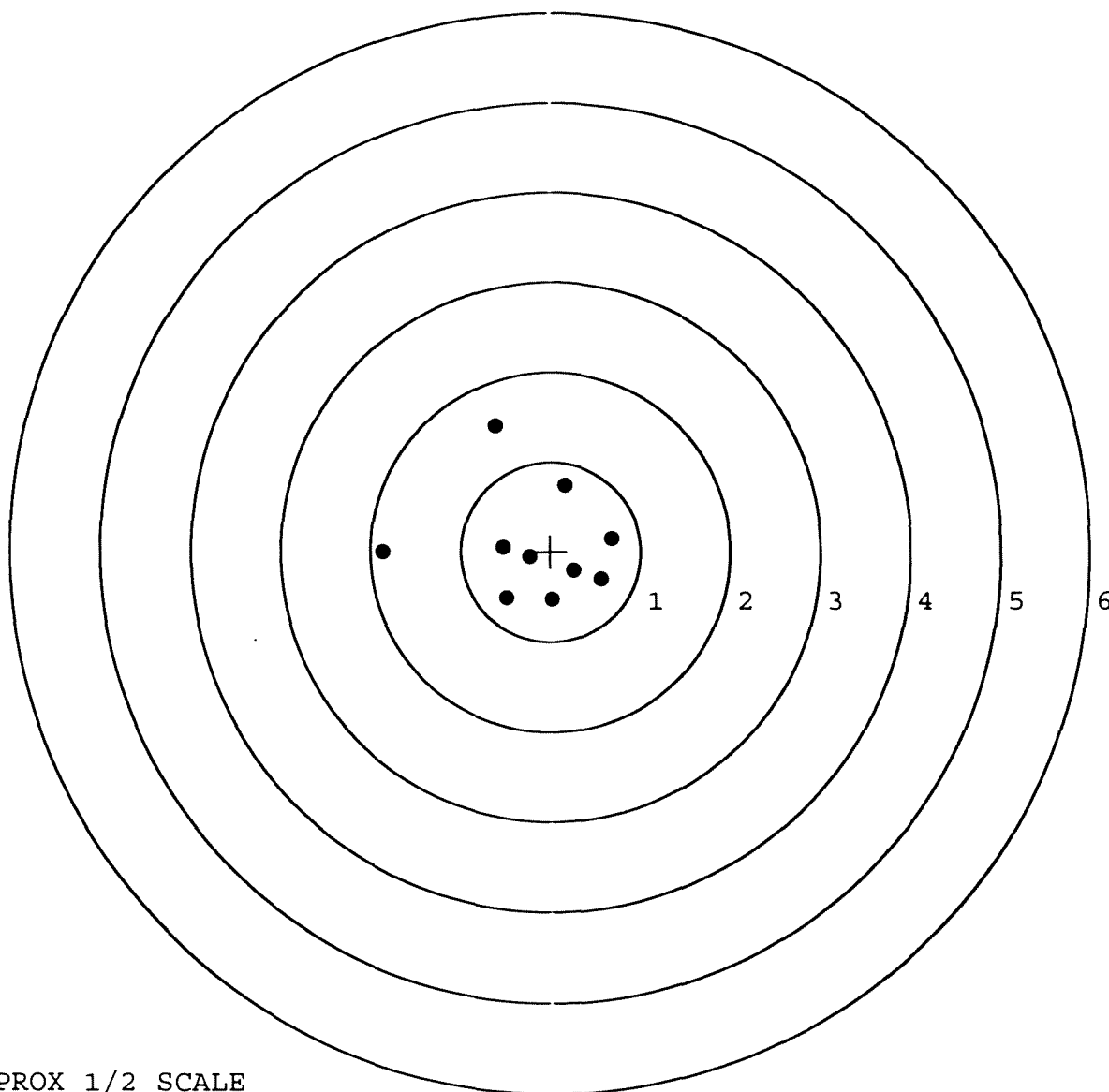


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522272. __0
 TARGET NUMBER: 3
 FILE DATE: 09/05/2008
 FILE TIME: 13:33

X CENTROID: -0.205
 Y CENTROID: 0.070
 POA TO CENTROID: 0.216
 HORZ SPREAD: 2.544
 VERT SPREAD: 1.938
 GROUP SPREAD: 2.548
 MIN RADIUS: 0.134
 MAX RADIUS: 1.659
 MEAN RADIUS: 0.787
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-1.863	0.005
2:	-0.609	1.402
3:	0.165	0.738
4:	-0.528	0.050
5:	-0.236	-0.061
6:	-0.498	-0.515
7:	0.017	-0.536
8:	0.256	-0.220
9:	0.566	-0.310
10:	0.681	0.145



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522272. __0

TARGET NUMBER: 4

FILE DATE: 09/05/2008

FILE TIME: 13:33

X CENTROID: -0.040

Y CENTROID: 0.140

POA TO CENTROID: 0.146

HORZ SPREAD: 2.007

VERT SPREAD: 1.767

GROUP SPREAD: 2.081

MIN RADIUS: 0.201

MAX RADIUS: 1.167

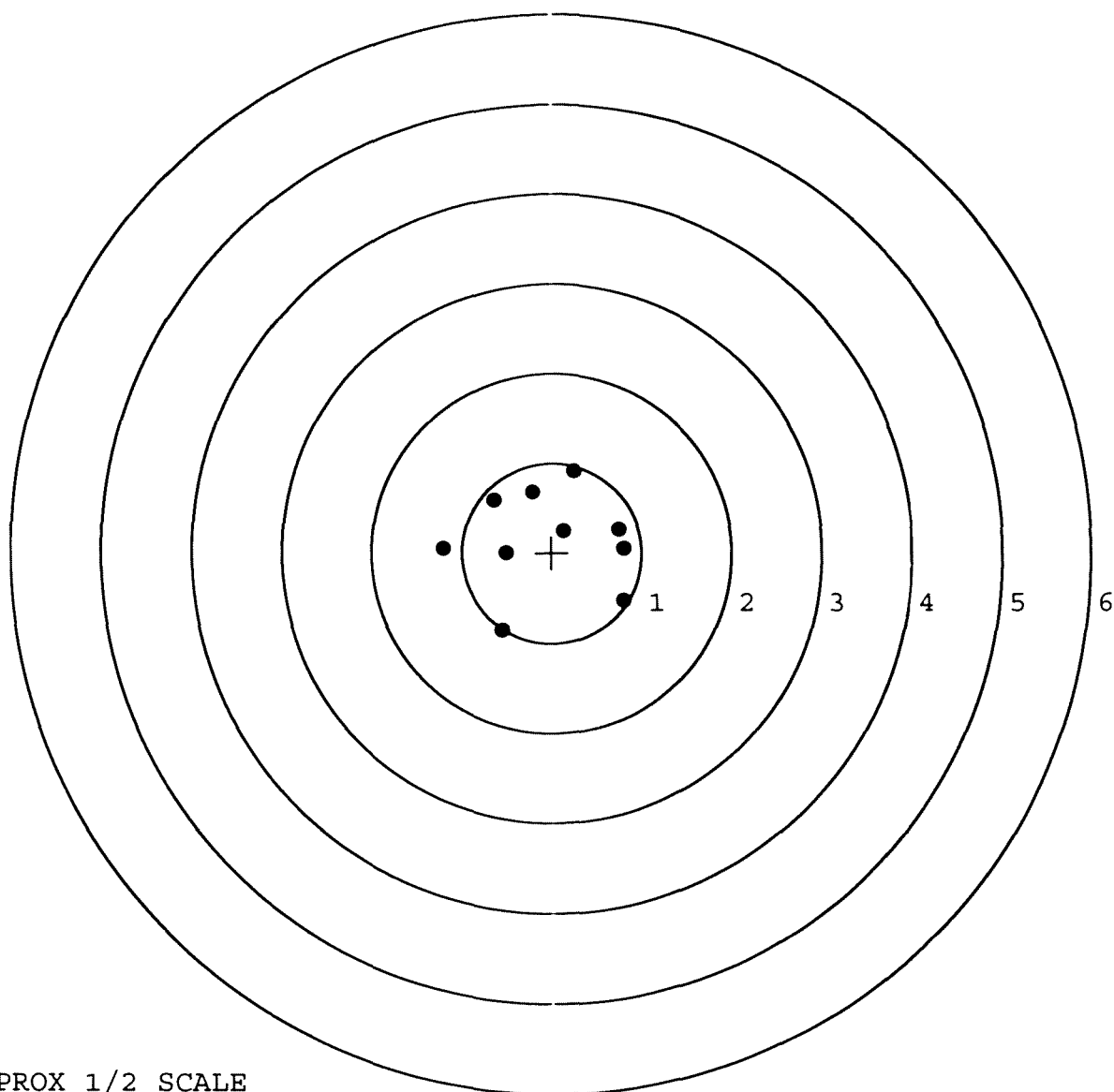
MEAN RADIUS: 0.784

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.795	-0.529
2:	0.803	0.048
3:	0.751	0.266
4:	0.134	0.241
5:	-0.510	0.005
6:	-0.559	-0.856
7:	-1.204	0.049
8:	-0.646	0.588
9:	-0.217	0.678
10:	0.251	0.911



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522272. __0

TARGET NUMBER: 5

FILE DATE: 09/05/2008

FILE TIME: 13:33

X CENTROID: 0.017

Y CENTROID: 0.052

POA TO CENTROID: 0.054

HORZ SPREAD: 2.770

VERT SPREAD: 3.259

GROUP SPREAD: 3.259

MIN RADIUS: 0.378

MAX RADIUS: 1.937

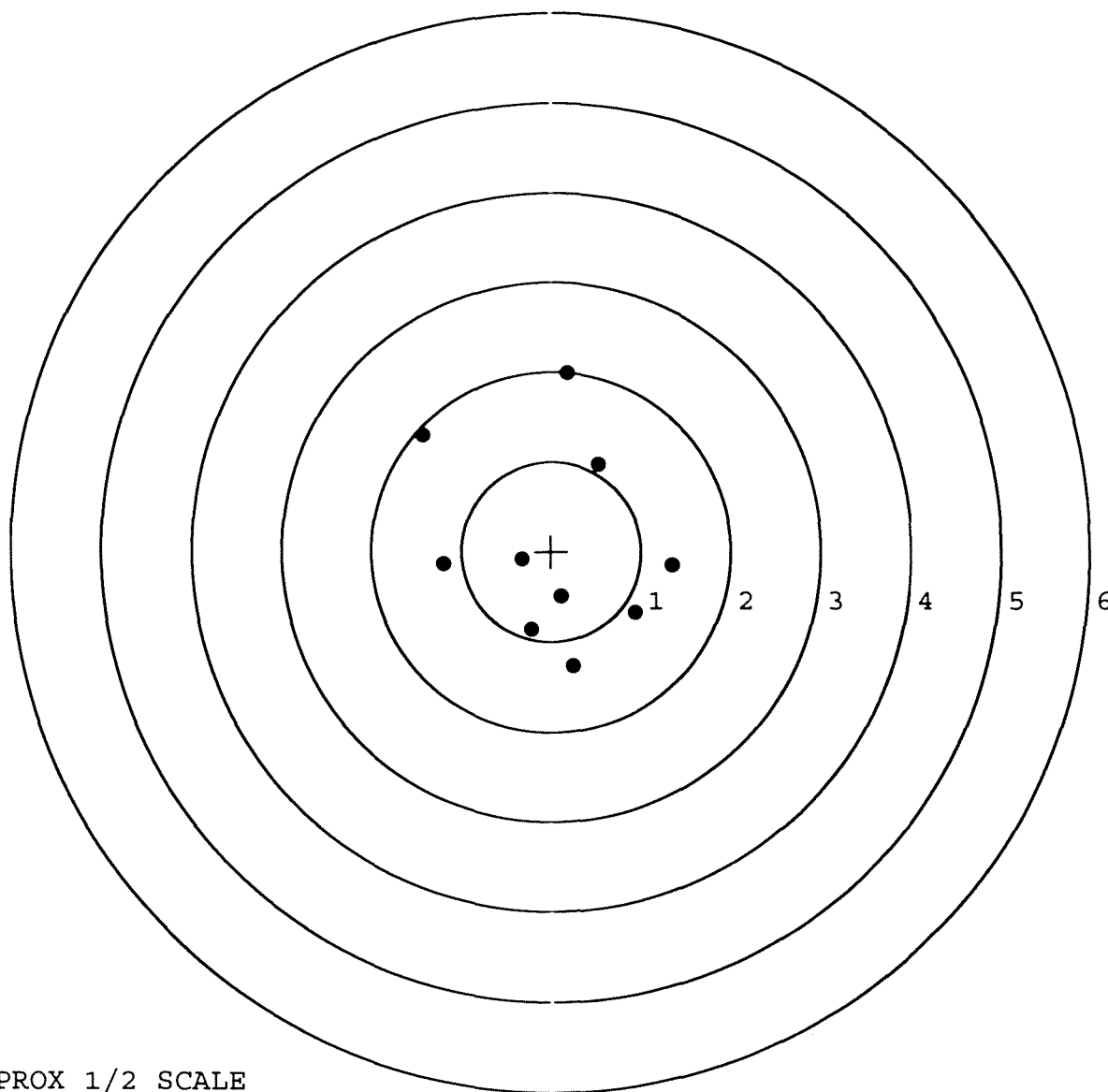
MEAN RADIUS: 1.189

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.224	-0.873
2:	0.243	-1.278
3:	0.928	-0.682
4:	1.348	-0.163
5:	0.113	-0.502
6:	-0.332	-0.092
7:	-1.199	-0.142
8:	0.531	0.972
9:	0.186	1.981
10:	-1.422	1.295



TARGET APPROX 1/2 SCALE

BARBER M24 0001900

RECEIVING AND ESTIMATING REPORT

COMMENTS

40 CLICKS LEFT

R 94-18818

INITIAL
JUM

CUSTOMER ORDER NO.

DAAA09-92-C-0834

W/10X SCOPE M-24 SNIPER W/DEPLOYMENT KIT
ATTN FRED MARTIN

SCOPE 90-0451

DATE RECEIVED
06/14/94DATE OPENED
06/15/94

DATE CODE

SERIAL NUMBER

C6522272

NEW SERIAL NUMBER

MODEL AND GRADE

700 7.62

NATO

ACCESSORIES

HARD CASE

SCOPE MNTS

SCOPE BASE

SLING STRAP

FROM:

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL 36201-5025

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL 36201-5025

CUST NO: 098397 C.O.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

Trigger Assy \$ 173.31
Scope Rep 119.43
Clean/Insp/Rep 50.00
~~375.94~~
343.14

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

BARBER M24 0001931

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C65 22272DATE 11-3-94TESTER DM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.58	2.64	2.70		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.36	2.58		
PULL #3	2.32	2.35	2.56		
PULL #4	2.70	2.58	2.74		
PULL #5	2.67	2.45	2.58		
TOTAL	12.72	12.38	13.16		
AVG.	2.54	2.47	2.63		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.14	3.16		
PULL #2	3.13	3.16		
PULL #3	3.11	3.07		
PULL #4	2.94	2.99		
PULL #5	3.01	3.03		
TOTAL	15.33	15.41		
AVG.	3.06	3.08		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.27	4.17		4.19
PULL #2	4.06	4.18		4.25
PULL #3	4.27	4.24		4.22
PULL #4	4.20	4.26		4.24
PULL #5	4.17	4.22		4.26
TOTAL	20.97	21.07		21.16
AVG.	4.19	4.21		4.23

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6522272

OP. #	OP. NAME	READINGS	DATE	INITIAL
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			

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/4	4	4 1/4			11/29	WB
	G) Safety Off Force	3	3	3			11/29	WB
	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							
	B) Trigger Pull	2.45	2.45	2.46	2.45	2.51	11/29	WB
	C) Function							
660	Pack							



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

SERIAL NO.
C6522272

ORDER NO.
5716

UPC

47700 25716

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

Q1



5716 C6522272

[illegible]

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6522272

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	8 2	90	RW
600	Proof	8 2	90	RW
607	Check Headspace			RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action		8/7/90	KR
	Magnaflux Bolt		8/7/90	KR
615	Rollmark Caliber		8/7/90	GL
617	Drill and Tap Sight Holes		8/10/90	KB
618	Polish Barrel <i>KB</i>		8/14/90	KB
620	Apply Coatings (Barrel Action)		8-22-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/24/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/24/90	RW
	C) Inspect Ejector Hole for Chamfer		8/24/90	RW
	D) Oil Firing Pin Ass'y		8/24/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/29/90	GL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			8/29/90	WLB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			8/29/90	WLB
	H) Trigger Pull Test & Retainability						8/29/90	JM
	I) Firing Pin Indent	.0225	.023	.0225			8/29/90	WLB
	J) Assemble Stock						8/30/90	RW
	K) Assemble Swivel Studs						9/1/90	JDS
	L) Attach Front and Rear Sight Assemblies						8/30/90	RW
	M) Iron Sight Alignment						8/30/90	RW
	N) Detach Front & Rear Sights & place in numbered container						8/30/90	RW
	O) Attach Scope to Rifle						8/30/90	RW
	P) Detach & Attach Scope 20 Times						8/30/90	RW
640	Gallery Target & Test						9/5/90	NF
	A) Time						9/5/90	NF
	B) Malfunctions						9/5/90	NF
	C) Pierced Primers						9/5/90	NF
	D) Optical Clarity of Scope						9/5/90	NF
645	Inspect for Live Ammo						9/5/90	NF
655	Final Inspection							
	A) Headspace						9/8/90	JDS
	B) Trigger Pull	204	204	205	205	205	9/8/90	JDS
	C) Function						9/8/90	JDS
660	Pack						9-9-90	DA

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6522272DATE 8/29/90TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.41	2.40	204	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.54	2.47	204	
PULL #3	2.50	2.48	2.42	205	
PULL #4	2.51	2.42	2.40	205	
PULL #5	2.51	2.40	2.40	205	
TOTAL	12.47	12.25	12.09		
AVG.	2.494	2.45	2.418		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.37	3.26		
PULL #2	3.14	3.32		
PULL #3	3.08	3.28		
PULL #4	3.37	3.38		
PULL #5	3.19	3.13		
TOTAL	16.15	16.37		
AVG.	3.23	3.274		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.26		4.29
PULL #2	4.23	4.24		4.35
PULL #3	4.18	4.31		4.30
PULL #4	4.21	4.31		4.44
PULL #5	4.27	4.35		4.37
TOTAL	21.13	21.53		21.75
AVG.	4.226	4.306		4.35

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522272
6 Sep 1990

CENTROIDAL DISTANCES

0 TO	1	.204318
1 TO	2	.0635059
1 TO	3	.402359
1 TO	4	.261543
1 TO	5	.644003

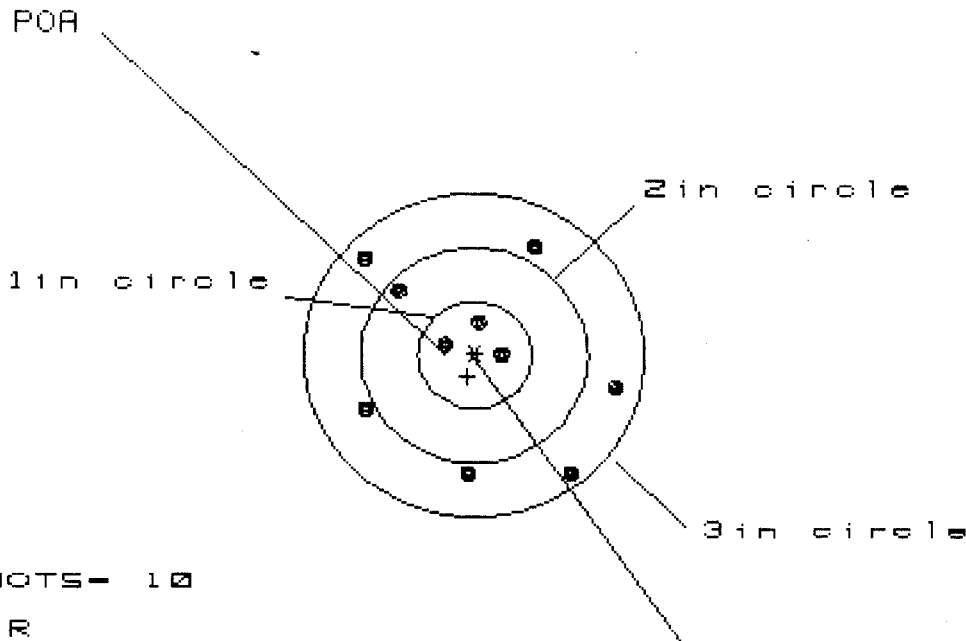
5
34 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1386
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1636
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .214418
THE AMR FOR THIS RIFLE IS: .9308

6 Sep 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6522272

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 4

3in = 10

HS= 2.260

VS= 2.119

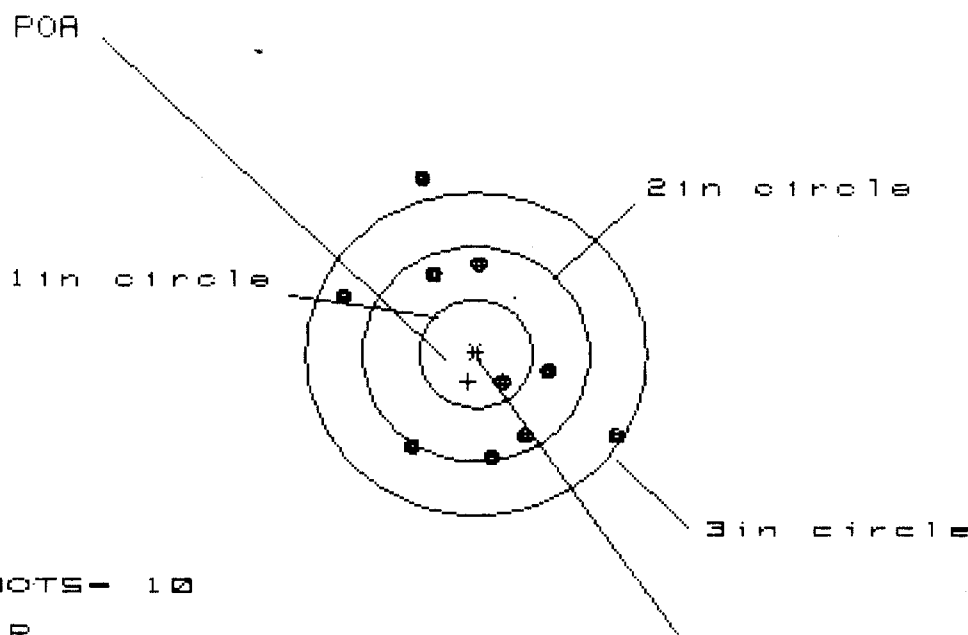
GS= 2.725

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.273	1.363	1.251
MINIMUM X	-.987	-.897	-.948
MAXIMUM Y	1.010	.887	.989
MINIMUM Y	-1.109	-1.194	-1.092
CENTROID X	.061	-.029	.083
CENTROID Y	.195	.318	.216
POA TO CENTROID in.	.204	.319	.231
MIN RADIUS	.191	.185	.168
MEAN RADIUS	.893	.815	.771
MAX RADIUS	1.373	1.421	1.286
HORIZONTAL SPREAD	2.260	2.260	2.199
VERTICAL SPREAD	2.119	2.081	2.081
EXTREME SPREAD	2.725	2.567	2.209
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	10		

6 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522272

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in - 1

2 in - 6

3 in = 9

PS- 2.422

VS= 2.593

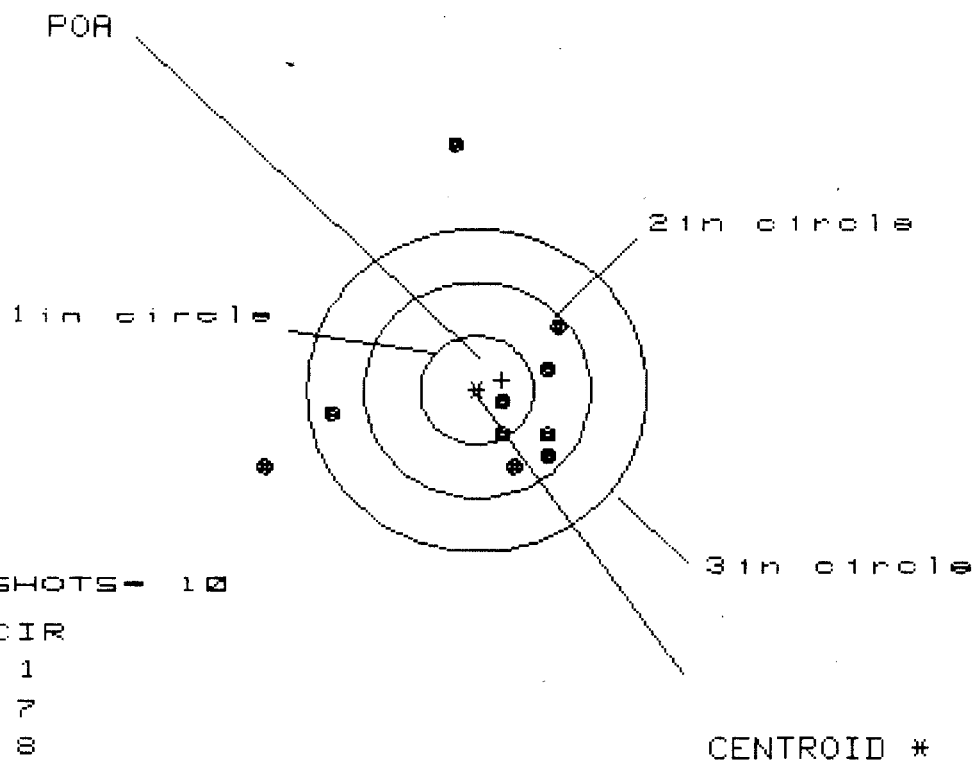
GS= 2.948

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.233	1.175	.695
MINIMUM X	:	-1.189	-1.247	-1.100
MAXIMUM Y	:	1.606	.996	.922
MINIMUM Y	:	-.987	-.809	-.883
CENTROID X	:	.069	.127	-.020
CENTROID Y	:	.258	.080	.154
POA TO CENTROID in.	:	.267	.150	.155
MIN RADIUS	:	.294	.143	.306
MEAN RADIUS	:	.993	.880	.846
MAX RADIUS	:	1.686	1.450	1.286
HORIZONTAL SPREAD	:	2.422	2.422	1.795
VERTICAL SPREAD	:	2.593	1.805	1.805
EXTREME SPREAD	:	2.948	2.764	2.112
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

6 Sep 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6522272

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 7

3 in = 8

HS= 2.627

VS= 3.037

GS= 3.457

CENTROID *

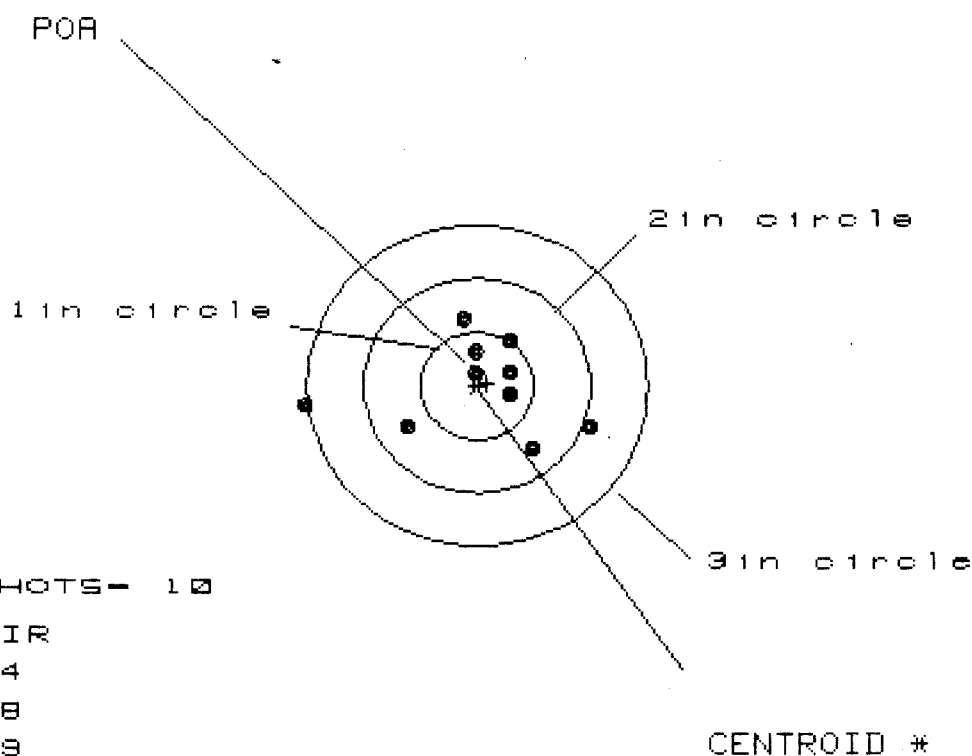
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.729	.706	.466
MINIMUM X	-1.898	-1.921	-1.556
MAXIMUM Y	2.315	.869	.814
MINIMUM Y	-.721	-.464	-.519
CENTROID X	-.221	-.198	.042
CENTROID Y	-.092	-.350	-.295
POA TO CENTROID in.	.239	.402	.298
MIN RADIUS	.297	.271	.067
MEAN RADIUS	1.043	.839	.598
MAX RADIUS	2.324	1.971	1.556
HORIZONTAL SPREAD	2.627	2.627	2.022
VERTICAL SPREAD	3.037	1.333	1.333
EXTREME SPREAD	3.457	2.935	2.168
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	8		

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CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 4

2in = 8

3in = 9

HS= 2.563

VS= 1.175

GS= 2.572

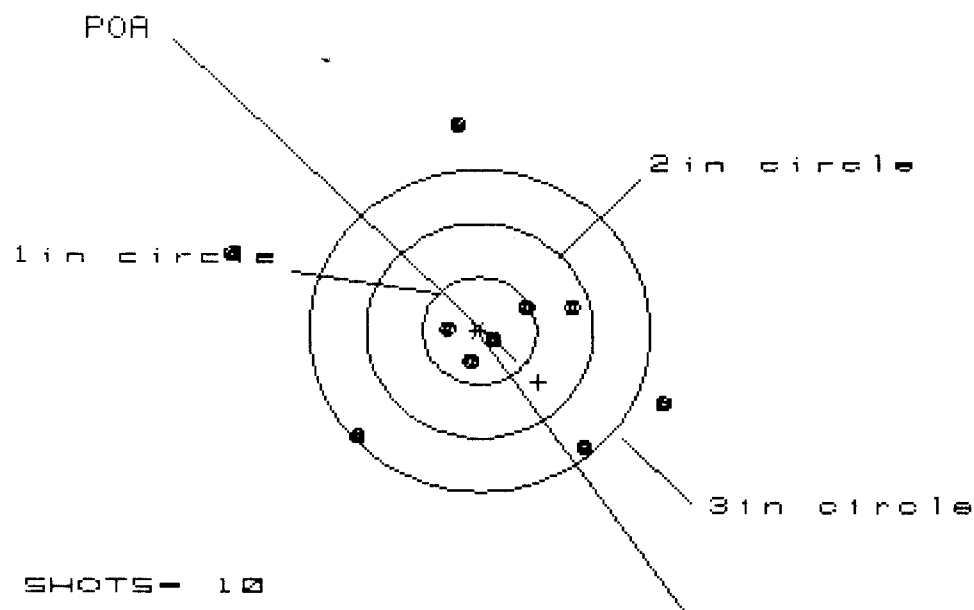
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.002	.828	.446
MINIMUM X	:	-1.561	-.740	-.636
MAXIMUM Y	:	.645	.625	.573
MINIMUM Y	:	-.530	-.550	-.602
CENTROID X	:	-.085	.089	-.015
CENTROID Y	:	-.022	-.002	.050
POA TO CENTROID in.	:	.087	.089	.052
MIN RADIUS	:	.087	.147	.116
MEAN RADIUS	:	.625	.494	.429
MAX RADIUS	:	1.572	.927	.802
HORIZONTAL SPREAD	:	2.563	1.568	1.082
VERTICAL SPREAD	:	1.175	1.175	1.175
EXTREME SPREAD	:	2.572	1.568	1.328
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 5



* OF SHOTS- 10

IN CIR

1 in = 4

2 in = 5

3 in = 7

MS= 3.781

VS= 3.041

GS= 4.042

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.573	1.327	1.270
MINIMUM X	:	-2.208	-1.301	-1.358
MAXIMUM Y	:	1.970	2.055	.545
MINIMUM Y	:	-1.071	-.986	-.729
CENTROID X	:	-.517	-.271	-.214
CENTROID Y	:	.479	.394	.137
POA TO CENTROID in.	:	.704	.478	.254
MIN RADIUS	:	.201	.086	.265
MEAN RADIUS	:	1.100	.930	.810
MAX RADIUS	:	2.336	2.106	1.510
HORIZONTAL SPREAD	:	3.781	2.628	2.628
VERTICAL SPREAD	:	3.041	3.041	1.274
EXTREME SPREAD	:	4.042	3.261	2.649
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	