

C6348877

MODEL 760™ M24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5716

* Includes 1 in chamber.

Remington.

Repair Number: RE00078724	Serial: C6348877 Model M24 SWS Center Fire Caliber: 7.62 NATO	Repairman:	Status: Closed 3/16/2004 7:53:56 AM																					
Address Information																								
Customer: ☐ Received From		Return To: ☐ Received From																						
Name: COMMANDER 7TH SFG (A)		Name: COMMANDER 7TH SFG (A)																						
Address 1: ATTN HOWELL		Address 1: ATTN HOWELL																						
Address 2: PO Box:		Address 2: PO Box:																						
City: FORT BRAGG		City: FORT BRAGG																						
State: NC Zip Code: 28310 Country: US		State: NC Zip Code: 28310 Country: US																						
FFL:																								
Contact / Condition	Problems	Estimate	History / Status																					
Contact Information Phone: Fax: Email: Comments:		Received Condition Good: Condition Notes: CSR Notes:																						
		Accessories Received <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Stud</td> <td>3</td> </tr> <tr> <td>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>A026</td> <td>Scope</td> <td>1</td> </tr> <tr> <td>A045</td> <td>Bi Pod</td> <td>1</td> </tr> <tr> <td>C000</td> <td>Frt and Rear Sgt Base</td> <td>1</td> </tr> </tbody> </table>		Code	Desc	Qty	A007	With Stud	3	A010	Hard Case	1	A017	Scope Base	1	A026	Scope	1	A045	Bi Pod	1	C000	Frt and Rear Sgt Base	1
Code	Desc	Qty																						
A007	With Stud	3																						
A010	Hard Case	1																						
A017	Scope Base	1																						
A026	Scope	1																						
A045	Bi Pod	1																						
C000	Frt and Rear Sgt Base	1																						
Repair Search		Refresh Close																						

neglej 3/16/2004 8:48 AM CAPS NUM INS SCPL

start 2 3

Serial Number: **C6348877**
 Model: **M24 SWS**

RE00078724

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

SERIAL # C6348877 INSPECTED BY: RTL

DATE REC'D: 3-16-04 DATE RET'D: 6-7-04

ITEM

BARREL ASSEMBLY

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

SCOPE ASSEMBLY

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

ITEM

STOCK ASSEMBLY

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

SYSTEMS CASE

☒ SCOPE CASE
☒ IRON SIGHTS
☒ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION
☒ RE-SET TO FACTORY SPECS

COMMENTS:

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348877.___0
FILE DATE AND TIME: 04/06/2004 06:29

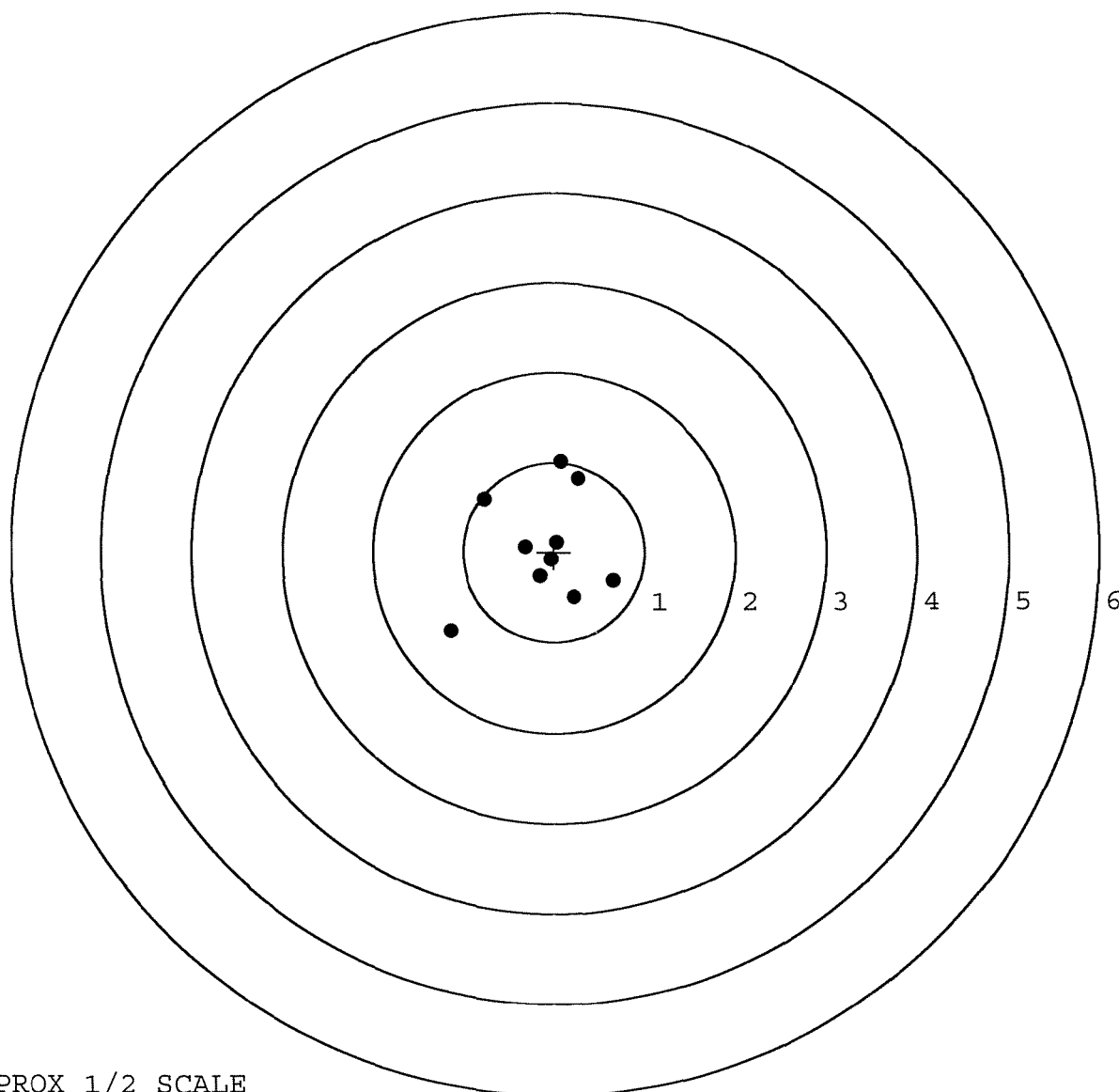
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.021
The Average Y Centroid of the Five Target Set:	-0.077
The Average Point of Impact of the Five Target Set:	0.080
The Average Mean Radius of the Five Target Set:	0.633
The Distance from POA to Centroid Target #1:	0.127
The Distance from Centroid Target #2 to Centroid Target #1:	0.242
The Distance from Centroid Target #3 to Centroid Target #1:	0.096
The Distance from Centroid Target #4 to Centroid Target #1:	0.300
The Distance from Centroid Target #5 to Centroid Target #1:	0.313

SERIAL NUMBER: C6348877. __0
TARGET NUMBER: 1
FILE DATE: 04/06/2004
FILE TIME: 06:29

X CENTROID: -0.114
Y CENTROID: 0.055
POA TO CENTROID: 0.127
HORZ SPREAD: 1.794
VERT SPREAD: 1.894
GROUP SPREAD: 2.249
MIN RADIUS: 0.155
MAX RADIUS: 1.386
MEAN RADIUS: 0.643
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.232	-0.502
2:	0.658	-0.319
3:	-1.136	-0.881
4:	-0.764	0.597
5:	0.276	0.826
6:	0.077	1.013
7:	0.031	0.109
8:	-0.160	-0.270
9:	-0.040	-0.081
10:	-0.316	0.059

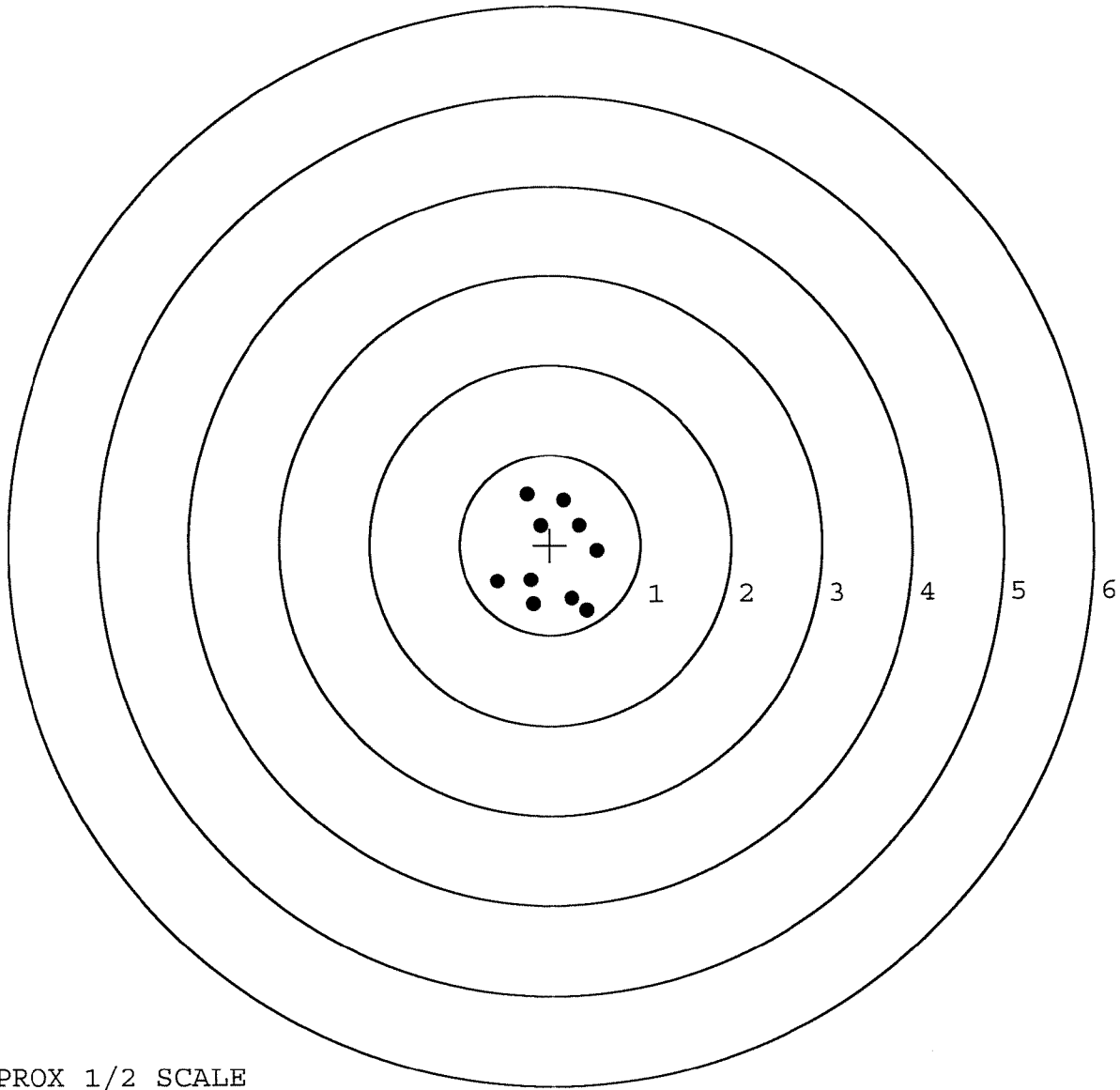


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348877.0
TARGET NUMBER: 2
FILE DATE: 04/06/2004
FILE TIME: 06:29

X CENTROID: 0.032
Y CENTROID: -0.138
POA TO CENTROID: 0.142
HORZ SPREAD: 1.106
VERT SPREAD: 1.295
GROUP SPREAD: 1.453
MIN RADIUS: 0.355
MAX RADIUS: 0.754
MEAN RADIUS: 0.556
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.523	-0.073
2:	0.408	-0.734
3:	0.246	-0.605
4:	-0.192	-0.663
5:	-0.215	-0.394
6:	-0.583	-0.409
7:	0.329	0.216
8:	-0.105	0.218
9:	0.155	0.499
10:	-0.250	0.561

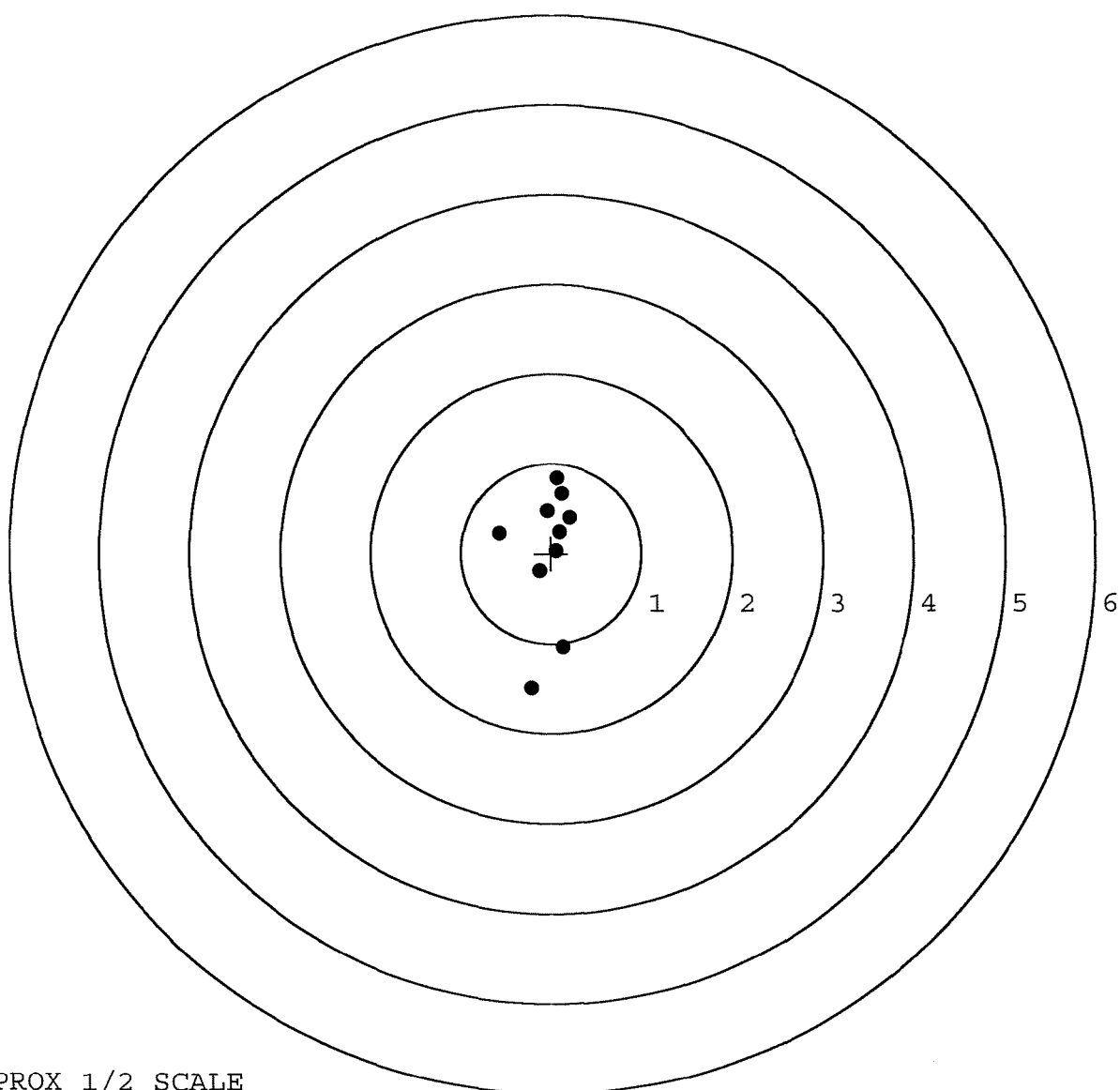


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348877. __0
TARGET NUMBER: 3
FILE DATE: 04/06/2004
FILE TIME: 06:29

X CENTROID: -0.028
Y CENTROID: 0.011
POA TO CENTROID: 0.031
HORZ SPREAD: 0.776
VERT SPREAD: 2.333
GROUP SPREAD: 2.350
MIN RADIUS: 0.091
MAX RADIUS: 1.522
MEAN RADIUS: 0.615
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.216	-1.499
2:	0.140	-1.041
3:	-0.570	0.225
4:	0.063	0.834
5:	0.120	0.665
6:	-0.048	0.469
7:	0.206	0.394
8:	0.093	0.234
9:	0.060	0.031
10:	-0.132	-0.198

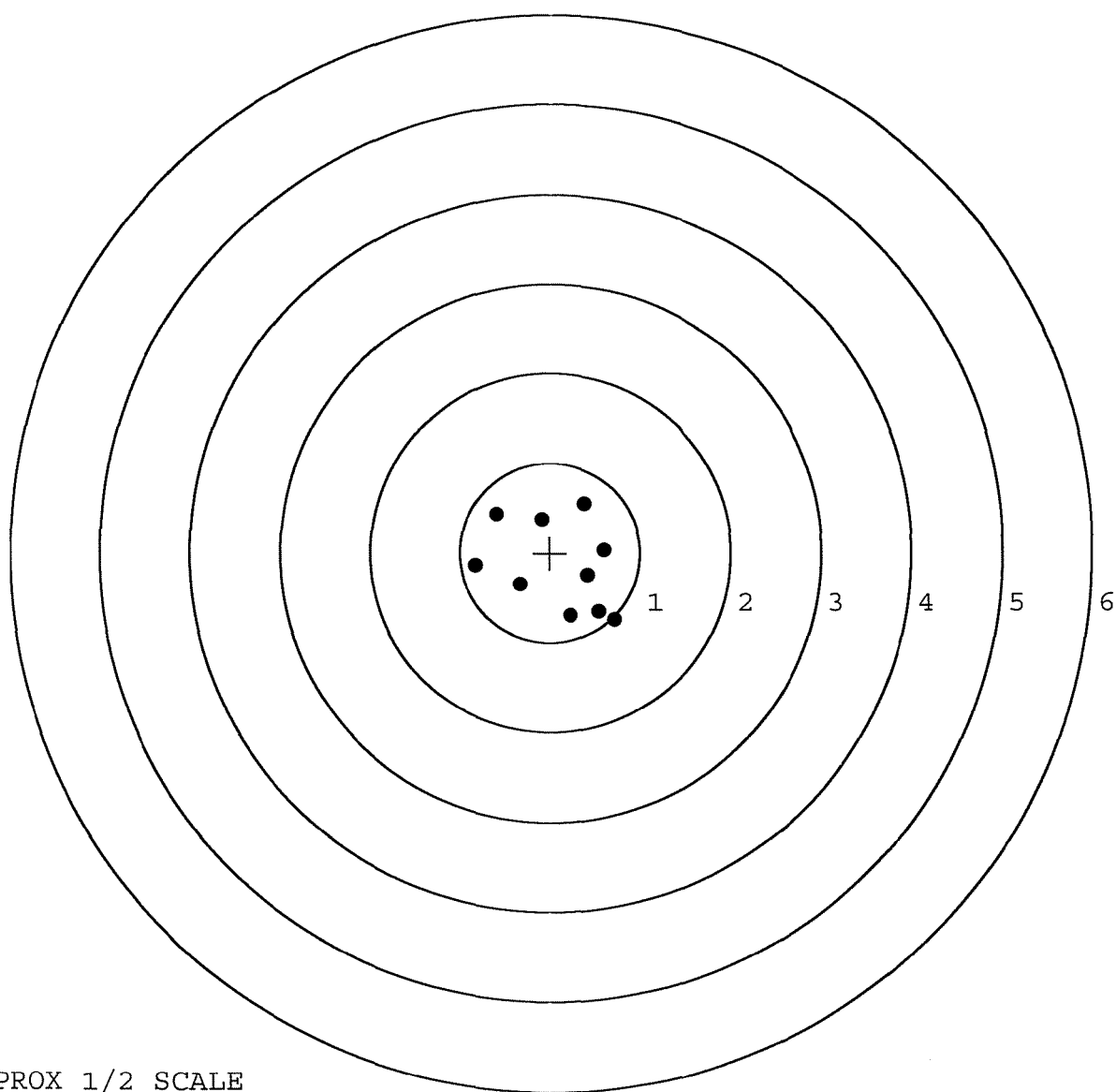


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348877. __0
TARGET NUMBER: 4
FILE DATE: 04/06/2004
FILE TIME: 06:29

X CENTROID: 0.107
Y CENTROID: -0.148
POA TO CENTROID: 0.182
HORZ SPREAD: 1.541
VERT SPREAD: 1.299
GROUP SPREAD: 1.654
MIN RADIUS: 0.335
MAX RADIUS: 0.929
MEAN RADIUS: 0.660
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.386	0.549
2:	-0.096	0.373
3:	-0.594	0.432
4:	-0.822	-0.149
5:	-0.330	-0.358
6:	0.719	-0.750
7:	0.544	-0.659
8:	0.606	0.040
9:	0.426	-0.251
10:	0.232	-0.703

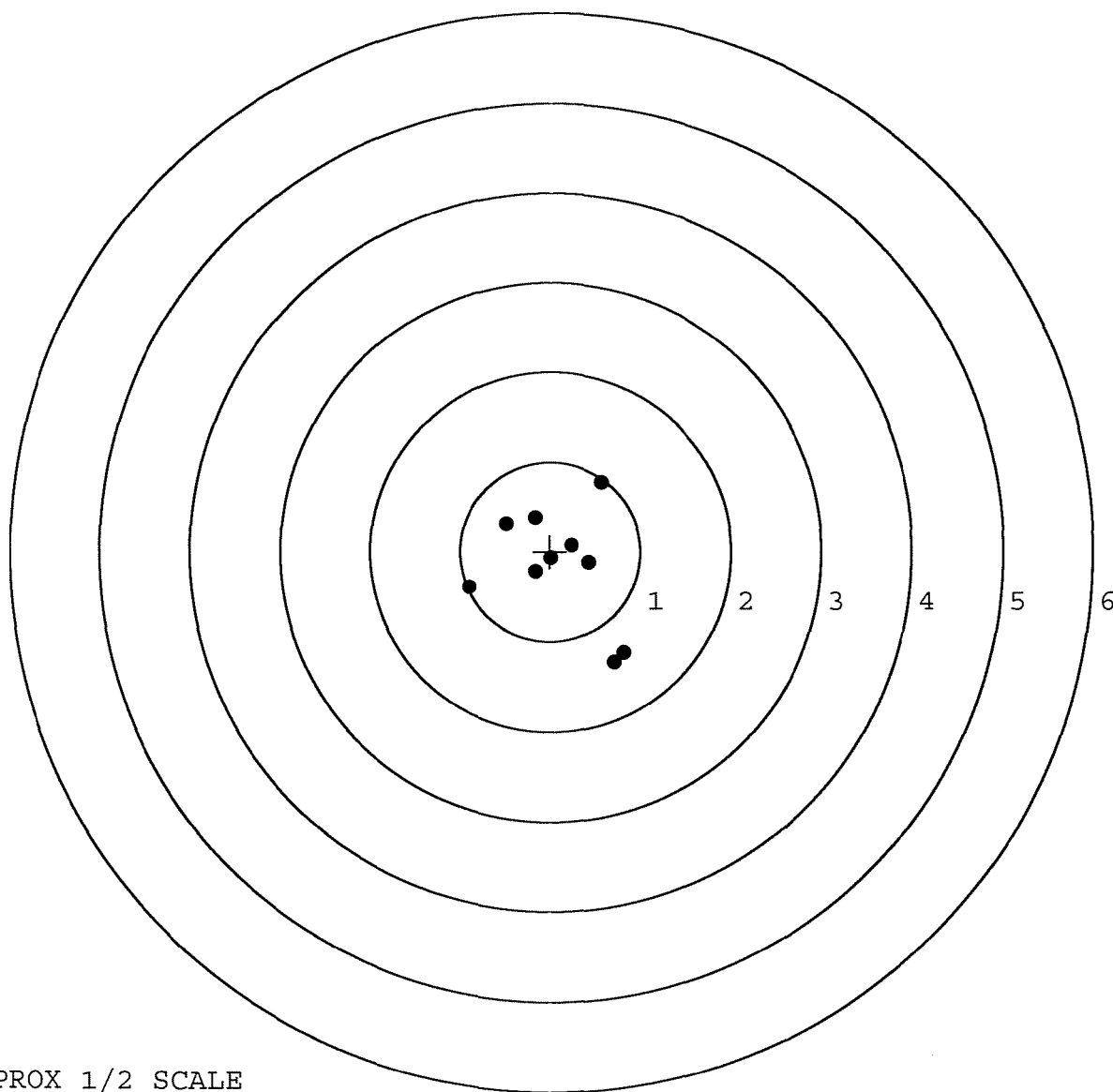


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348877. __0
TARGET NUMBER: 5
FILE DATE: 04/06/2004
FILE TIME: 06:29

X CENTROID: 0.108
Y CENTROID: -0.166
POA TO CENTROID: 0.198
HORZ SPREAD: 1.726
VERT SPREAD: 2.013
GROUP SPREAD: 2.019
MIN RADIUS: 0.132
MAX RADIUS: 1.230
MEAN RADIUS: 0.691
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.826	-1.126
2:	0.719	-1.233
3:	0.569	0.780
4:	0.438	-0.123
5:	-0.900	-0.412
6:	-0.170	0.377
7:	-0.492	0.311
8:	0.246	0.073
9:	0.011	-0.077
10:	-0.165	-0.228



TARGET APPROX 1/2 SCALE

R & E NUMBER	78724		
SERIAL NUMBER	C60348871		
LOG-IN DATE	3-16-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3-18-04	RTL
560 A	RE-BARREL	3-22-04	RTL
B	DRILL AND TAP	3-23-04	TRW
575	ASSEMBLE	3-22-04	RTL
600	PROOF	3-22-04	RTL
605	CHECK HEADSPACE	3-22-04	RTL
610	DIS-ASSEMBLE GUN	3-22-04	RTL
612	MAGNAFLUX OPERATOR	3-22-04	RTL
615	ROLLMARK CALIBER	3-22-04	RTL
618	ROTO-BLAST	3/25/2004	Dans
620	APPLY COATINGS	4-3	TA
625 A	FINAL ASSEMBLY	4-5-04	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	4-6-04	TRW
655	FINAL INSPECT	4-21-04	RTL
660	PACK	6-14-04	DA
		SHIP DATE	
QAR INSPECTION DATE			

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: **RE00014575** Serial: C6348877 Model 700 Center Fire Caliber 7.62 NATO M-24 (SW5) Repairman: Status: Closed 9/27/00 3:14:12 PM

Address Information

Customer: ☐ Received From Return To: ☐ Received From

Name: **HSC 3RD BN 3RD SFG (A)** **HSC 3RD BN 3RD SFG (A)**

Address 1: **BLDG J 2050** **BLDG J 2050**

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:

Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A010	Hard Case	1
A016	Scope Mounts	1
A017	Scope Base	1
A026	Scope	1

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

name: 9/28/00 7:28 AM CAPS NUM JHS SCPL

Start In Na Ex Mi Pa Ar Om Pl 7:28 AM

Serial Number: **C6348877**

BBL-96003

Model: **700**



RE00014575

Final Inspection

S.N. C6348877

DATE REC'D: 9-26-00

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:

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

[illegible]

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6348877
23 Oct 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1198
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0924
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .151294

THE AMP FOR THIS RIFLE IS: 1.063

CENTROIDAL DISTANCES

0	TO	1	.322943
1	TO	2	.0885494
1	TO	3	.461395
1	TO	4	.470023
1	TO	5	.182562

4
+3 <----POA
2 5

REMINGTON CENTERFIRE ACCURACY TEST

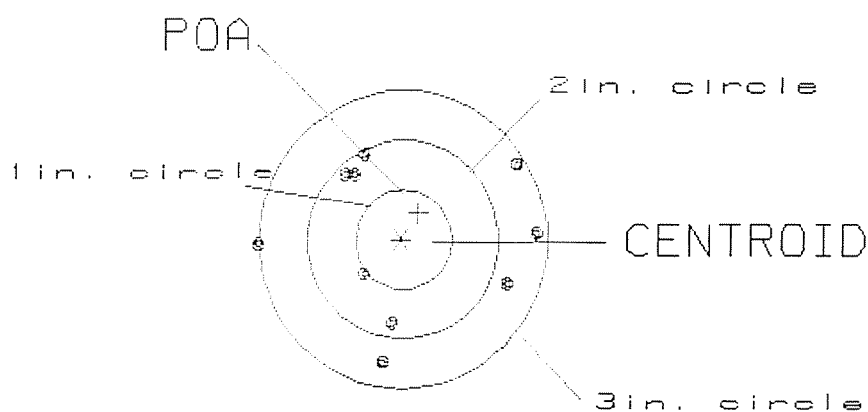
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 1
 POA TO CENTROID: .323
 MIN RADIUS : .508
 MEAN RADIUS : 1.094
 MAX RADIUS : 1.497
 CENTROID X : -.186
 CENTROID Y : -.264

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348877

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.89

0

VS= 2.14

5

GS= 2.89

10

REMINGTON CENTERFIRE ACCURACY TEST

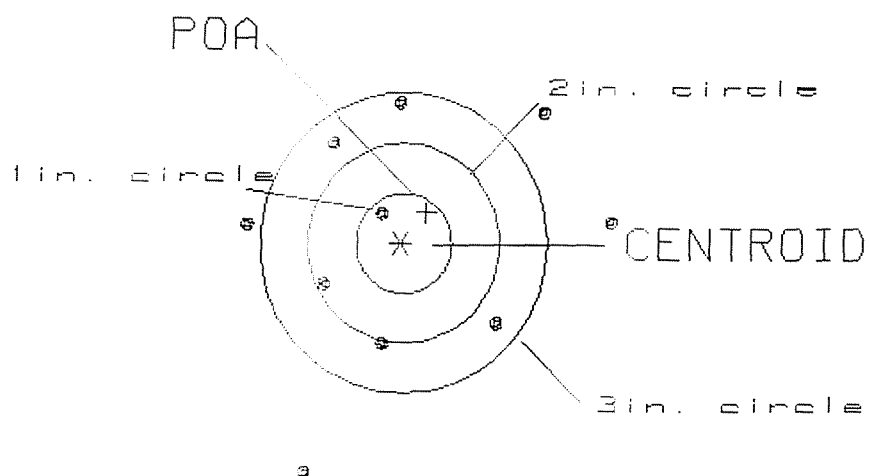
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .404
 MIN RADIUS : .391
 MEAN RADIUS : 1.450
 MAX RADIUS : 2.499
 CENTROID X : -.265
 CENTROID Y : -.304

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348877

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.75
 VS= 3.72
 GS= 4.39

1
 2
 6

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

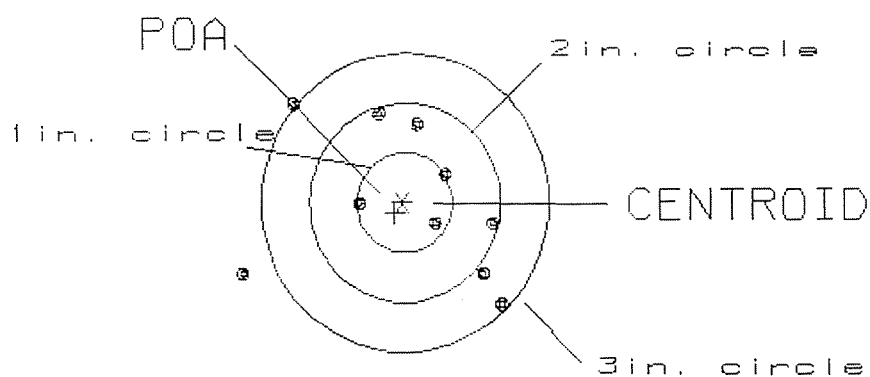
PATTERN #: 3

POA TO CENTROID: .138
 MIN RADIUS : .401
 MEAN RADIUS : .996
 MAX RADIUS : 1.827
 CENTROID X : .080
 CENTROID Y : .113

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348877

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.73

2

VS= 2.02

6

GS= 3.02

8

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

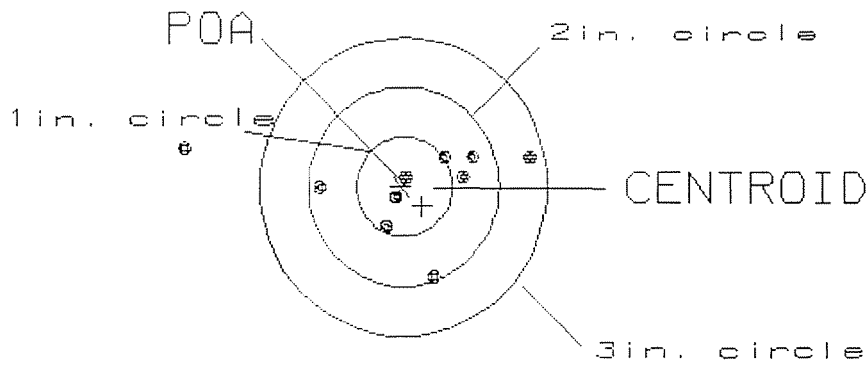
PATTERN #: 4

POA TO CENTROID: .299
 MIN RADIUS : .105
 MEAN RADIUS : .817
 MAX RADIUS : 2.276
 CENTROID X : -.217
 CENTROID Y : .205

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348877

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.53

3

VS= 1.32

7

GS= 3.53

9

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

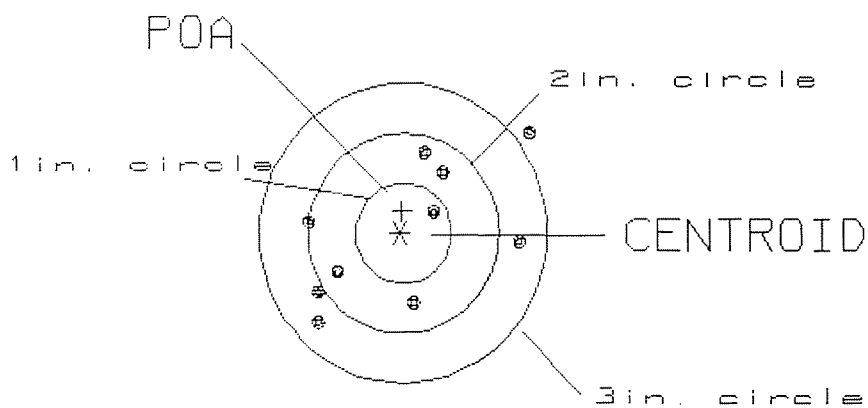
PATTERN #: 5

POA TO CENTROID: .212
 MIN RADIUS : .314
 MEAN RADIUS : .959
 MAX RADIUS : 1.668
 CENTROID X : -.011
 CENTROID Y : -.212

23 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348877

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.39

1

VS= 1.89

5

GS= 2.92

9



MODEL 700™ H24

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



REG. U.S. PAT. & T.M. OFF.

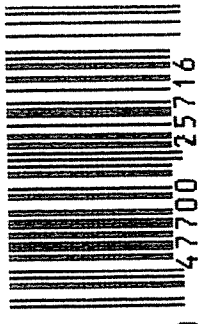
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.

SERIAL NO. C6348877	ORDER NO. 5716
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5716 C6348877

UPC



0 47700 25716 7

M-24

SCOPE 0545

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348877

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	8 11	89	RW
600	Proof	8 11	89	RW
607	Check Headspace	8 11	89	RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action		8/15/89	KCR
	Magnaflux Bolt		8/15/89	KCR
615	Rollmark Caliber		8/15/89	ELZ.
7	Drill and Tap Sight Holes	8 16 89		
618	Polish Barrel RB	8 16 89		
620	Apply Coatings (Barrel Action)		8-19-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		8/21/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/21/89	RW
	C) Inspect Ejector Hole for Chamfer		8/21/89	RW
	D) Oil Firing Pin Ass'y		8/21/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/23/89	JP

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			8/24/89	WB
	G) Safety Off Force	3 1/4	3 1/4	3 1/4			8/24/89	WB
	H) Trigger Pull Test & Retainability						8/24/89	JU
	I) Firing Pin Indent	.0215	.0215	.0214			8/24/89	WB
	J) Assemble Stock						8/24/89	RW
	K) Assemble Swivel Studs						28 Aug 89	JL
	L) Attach Front and Rear Sight Assemblies						8/24/89	RW
	M) Iron Sight Alignment						8/24/89	RW
	N) Detach Front & Rear Sights & place in numbered container						8/24/89	RW
	O) Attach Scope to Rifle						8/25/89	WB
	P) Detach & Attach Scope 20 Times						8/25/89	WB
640	Gallery Target & Test	75 R	77 L				8-25-89	A
	A) Time						8-25-89	A
	B) Malfunctions						8-25-89	A
	C) Pierced Primers						8-25-89	A
	D) Optical Clarity of Scope						8-25-89	A
645	Inspect for Live Ammo						8-25-89	A
655	Final Inspection							
	A) Headspace						28 Aug 89	JL
	B) Trigger Pull	249	257	258	253	257	28 Aug 89	JL
	C) Function						28 Aug 89	JL
660	Pack						20 Sept 89	JL

Repaired Stock at Front Swivel
9/13/89

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C6348877

DATE _____

TESTER _____

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.32	2.28	2.37	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.25	2.24	2.43	
PULL #3	2.34	2.25	2.46	
PULL #4	2.31	2.32	2.48	
PULL #5	2.30	2.28	2.49	
TOTAL	11.52	11.37	12.23	
AVG.	2.30	2.27	2.44	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.30	3.32	
PULL #2	3.30	3.37	
PULL #3	3.32	3.32	
PULL #4	3.34	3.42	
PULL #5	3.30	3.40	
TOTAL	16.56	16.83	
AVG.	3.31	3.36	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.06	4.06		
PULL #2	4.18	4.07		
PULL #3	4.20	4.04		
PULL #4	4.15	4.08		
PULL #5	4.19	4.10		
TOTAL	20.78	20.35		
AVG.	4.15	4.07		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348877
28 Aug 1989

CENTROIDAL DISTANCES

0 TO	1	.529049
1 TO	2	.645174
1 TO	3	.642526
1 TO	4	.851989
1 TO	5	.869856

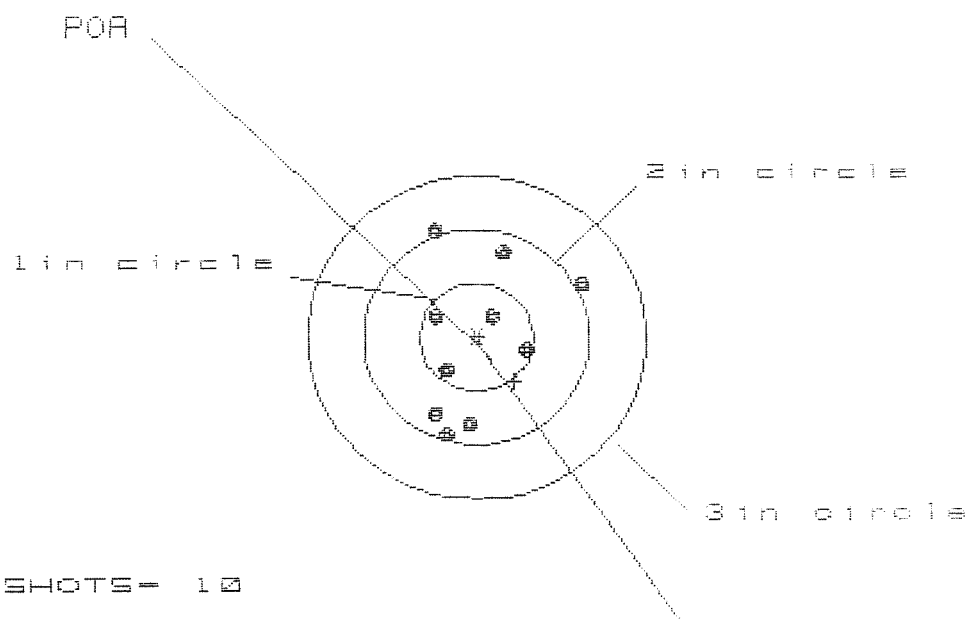
1 2
4 5 (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1748
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1402
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .224078
THE AMR FOR THIS RIFLE IS: 1.016

25 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08348877

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 8

3 in = 10

HS= 1.297

VS= 1.973

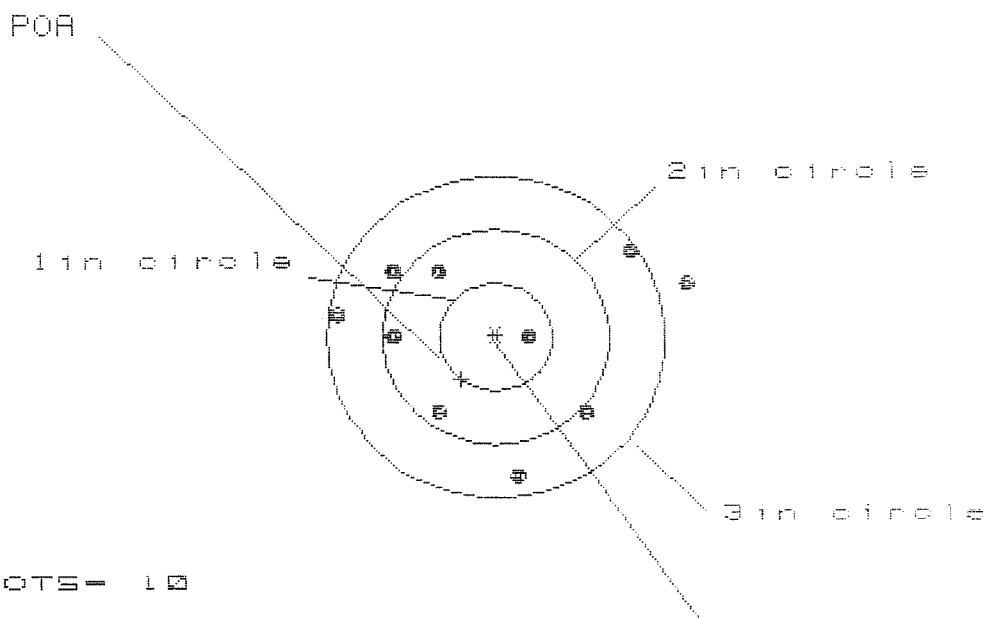
GS= 1.976

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.908	.865	.478
MINIMUM X	:	-.389	-.391	-.283
MAXIMUM Y	:	1.027	.952	1.030
MINIMUM Y	:	-.946	-.832	-.754
CENTROID X	:	-.338	-.295	-.403
CENTROID Y	:	.407	.293	.215
POA TO CENTROID in.	:	.529	.415	.457
MIN RADIUS	:	.247	.341	.230
MEAN RADIUS	:	.701	.650	.581
MAX RADIUS	:	1.099	1.063	1.086
HORIZONTAL SPREAD	:	1.297	1.256	.753
VERTICAL SPREAD	:	1.973	1.784	1.784
EXTREME SPREAD	:	1.976	1.875	1.870
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

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FILE:/PATTERNING/CENTERFIRE_PATT/08348877

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 9

HS= 3.062

VS= 2.116

GS= 3.072

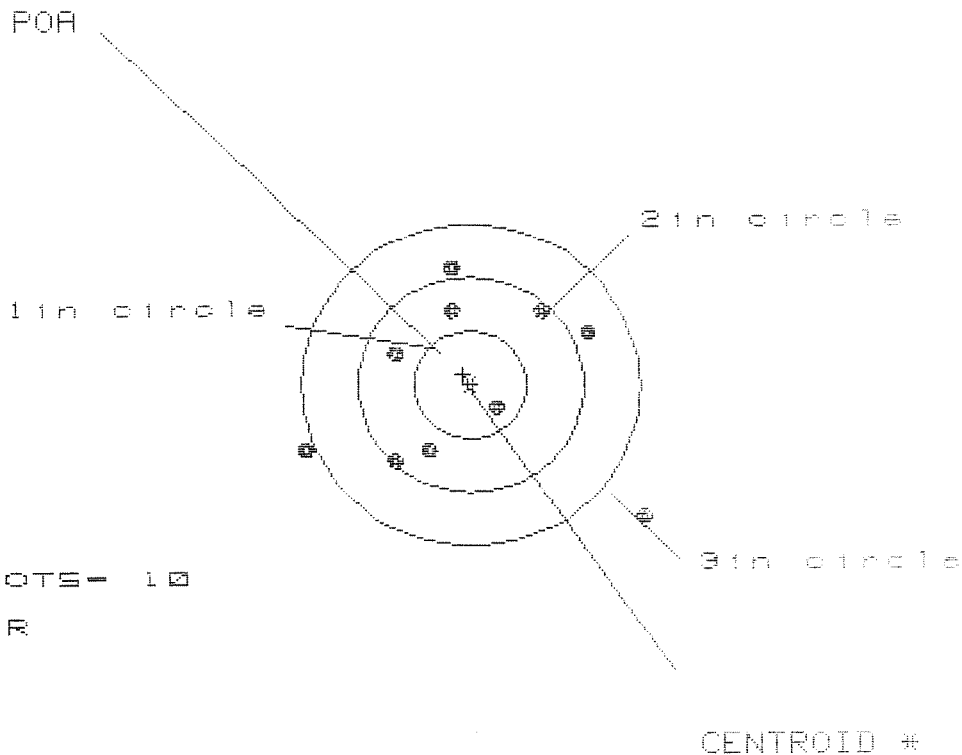
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.684	1.340	1.191
MINIMUM X	:	-1.378	-1.191	-.825
MAXIMUM Y	:	.779	.832	.868
MINIMUM Y	:	-1.337	-1.284	-1.248
CENTROID X	:	.387	.120	.269
CENTROID Y	:	.392	.339	.303
POA TO CENTROID in.	:	.498	.359	.405
MIN RADIUS	:	.333	.525	.386
MEAN RADIUS	:	1.092	.997	.967
MAX RADIUS	:	1.752	1.577	1.474
HORIZONTAL SPREAD	:	3.062	2.531	2.016
VERTICAL SPREAD	:	2.116	2.116	2.116
EXTREME SPREAD	:	3.072	2.590	2.387
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			4	
NUMBER IN THREE INCH CIRCLE =			9	

25 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/063408877

CENTERFIRE PATTERNS # 3



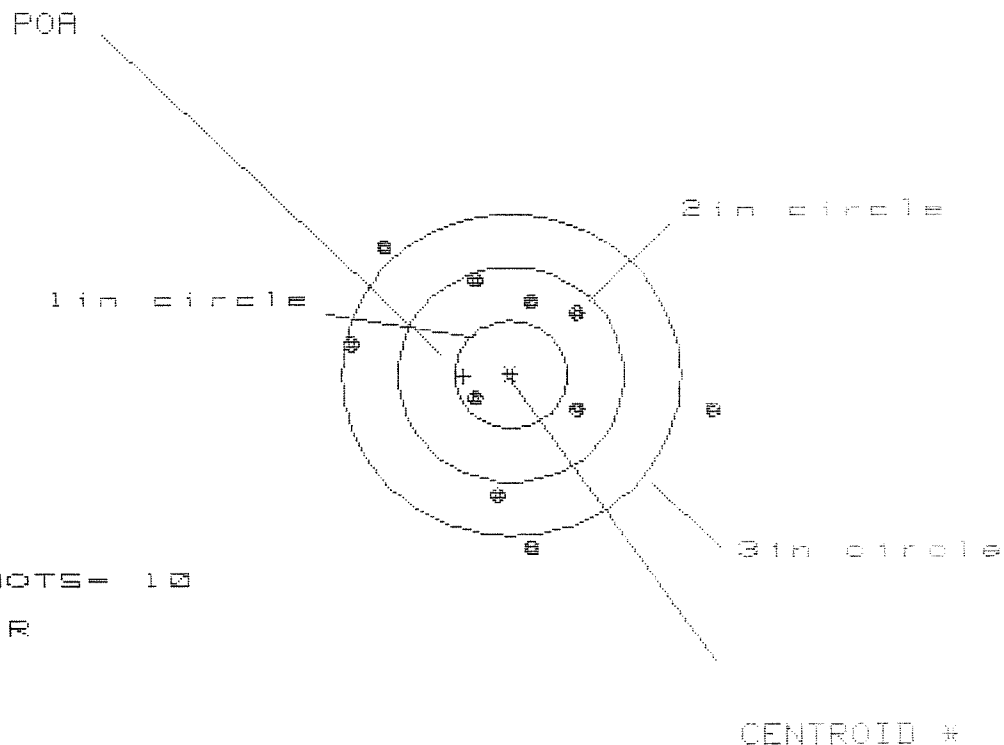
OF SHOTS- 10
 # IN CIR
 1in = 1
 2in = 6
 3in = 8
 HS= 3.010
 VS= 2.269
 GS= 3.057

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.573	1.255	1.097
MINIMUM X	:	-1.437	-1.262	-.673
MAXIMUM Y	:	1.087	.956	.858
MINIMUM Y	:	-1.182	-.832	-.930
CENTROID X	:	.068	-.107	.051
CENTROID Y	:	-.091	.040	.138
POA TO CENTROID in.	:	.114	.114	.147
MIN RADIUS	:	.255	.473	.435
MEAN RADIUS	:	1.013	.888	.801
MAX RADIUS	:	1.968	1.482	1.128
HORIZONTAL SPREAD	:	3.010	2.517	1.770
VERTICAL SPREAD	:	2.269	1.788	1.788
EXTREME SPREAD	:	3.057	2.762	2.080
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

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FILE:/PATTERNING/CENTERFIRE_PATT/C6348677

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 7

HS= 3.174

VS= 2.747

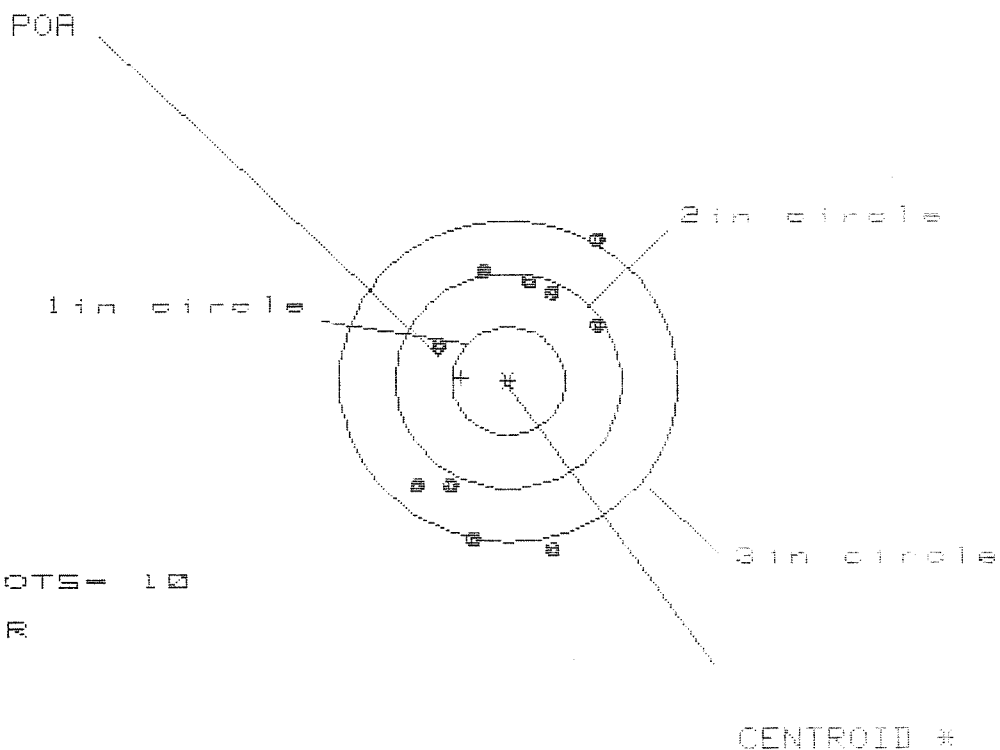
GS= 3.243

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.757	.823	.707
MINIMUM X	:	-1.417	-1.221	-1.337
MAXIMUM Y	:	1.178	1.142	.951
MINIMUM Y	:	-1.569	-1.605	-1.462
CENTROID X	:	.420	.224	.340
CENTROID Y	:	.018	.054	-.089
POA TO CENTROID in.	:	.420	.231	.351
MIN RADIUS	:	.389	.286	.286
MEAN RADIUS	:	1.103	1.018	.949
MAX RADIUS	:	1.786	1.649	1.486
HORIZONTAL SPREAD	:	3.174	2.044	2.044
VERTICAL SPREAD	:	2.747	2.747	2.413
EXTREME SPREAD	:	3.243	3.040	2.470
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

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FILE:/PATTERNING/CENTERFIRE_PATT/06346877

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 4

3 in = 7

HS= 1.605

VS= 2.879

GS= 3.018

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.795	.834	.926
MINIMUM X	:	-.816	-.771	-.667
MAXIMUM Y	:	1.315	1.141	1.015
MINIMUM Y	:	-1.564	-1.666	-1.523
CENTROID X	:	.417	.378	.274
CENTROID Y	:	-.025	.149	.006
POA TO CENTROID in.	:	.418	.406	.274
MIN RADIUS	:	.716	.616	.576
MEAN RADIUS	:	1.169	1.085	1.055
MAX RADIUS	:	1.603	1.688	1.533
HORIZONTAL SPREAD	:	1.605	1.605	1.593
VERTICAL SPREAD	:	2.879	2.807	2.538
EXTREME SPREAD	:	3.018	3.018	2.542
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

Status: Closed 9/14/2007 3:01:03 PM

Verify Repair

Customer:

Received From

Return To:

Received From

Name: ARMY HSC 3/7 SFG (A)

ARMY HSC 3/7 SFG (A)

Address 1: BLDG E1733, PANAMA WAY

BLDG E1733, PANAMA WAY

Address 2: _____ PO Box: _____

PO Box:

City: FORT BRAGG

FORT BRAGG

State: NC Zip Code: 28310

Country:

State: NC Zip Code: 28310

Country: US

FFL:

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
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

naqletj

9/17/2007

2:05 PM

CAPS

NUM

INS

SCAL

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348877.___0
FILE DATE AND TIME: 10/31/2007 21:50

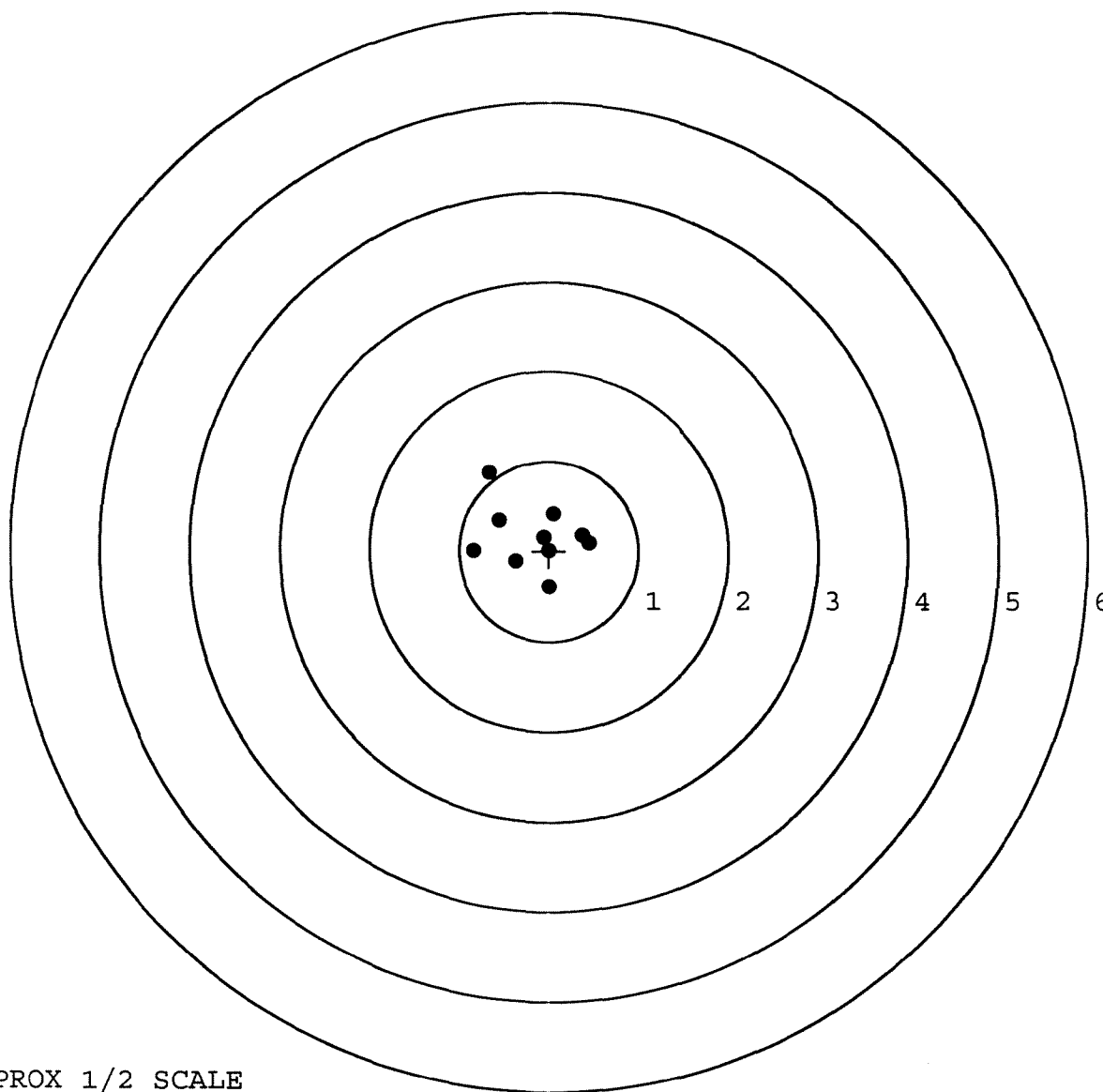
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.035
The Average Y Centroid of the Five Target Set:	-0.024
The Average Point of Impact of the Five Target Set:	0.042
The Average Mean Radius of the Five Target Set:	0.781
The Distance from POA to Centroid Target #1:	0.218
The Distance from Centroid Target #2 to Centroid Target #1:	0.613
The Distance from Centroid Target #3 to Centroid Target #1:	0.061
The Distance from Centroid Target #4 to Centroid Target #1:	0.366
The Distance from Centroid Target #5 to Centroid Target #1:	0.278

SERIAL NUMBER: C6348877. __0
TARGET NUMBER: 1
FILE DATE: 10/31/2007
FILE TIME: 21:50

POINT#	X	Y
1:	-0.664	0.873
2:	-0.552	0.340
3:	-0.840	-0.002
4:	0.459	0.090
5:	0.381	0.175
6:	0.056	0.413
7:	-0.055	0.147
8:	-0.371	-0.122
9:	0.003	0.001
10:	0.008	-0.405

X CENTROID: -0.157
Y CENTROID: 0.151
POA TO CENTROID: 0.218
HORZ SPREAD: 1.299
VERT SPREAD: 1.278
GROUP SPREAD: 1.444
MIN RADIUS: 0.103
MAX RADIUS: 0.882
MEAN RADIUS: 0.476
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

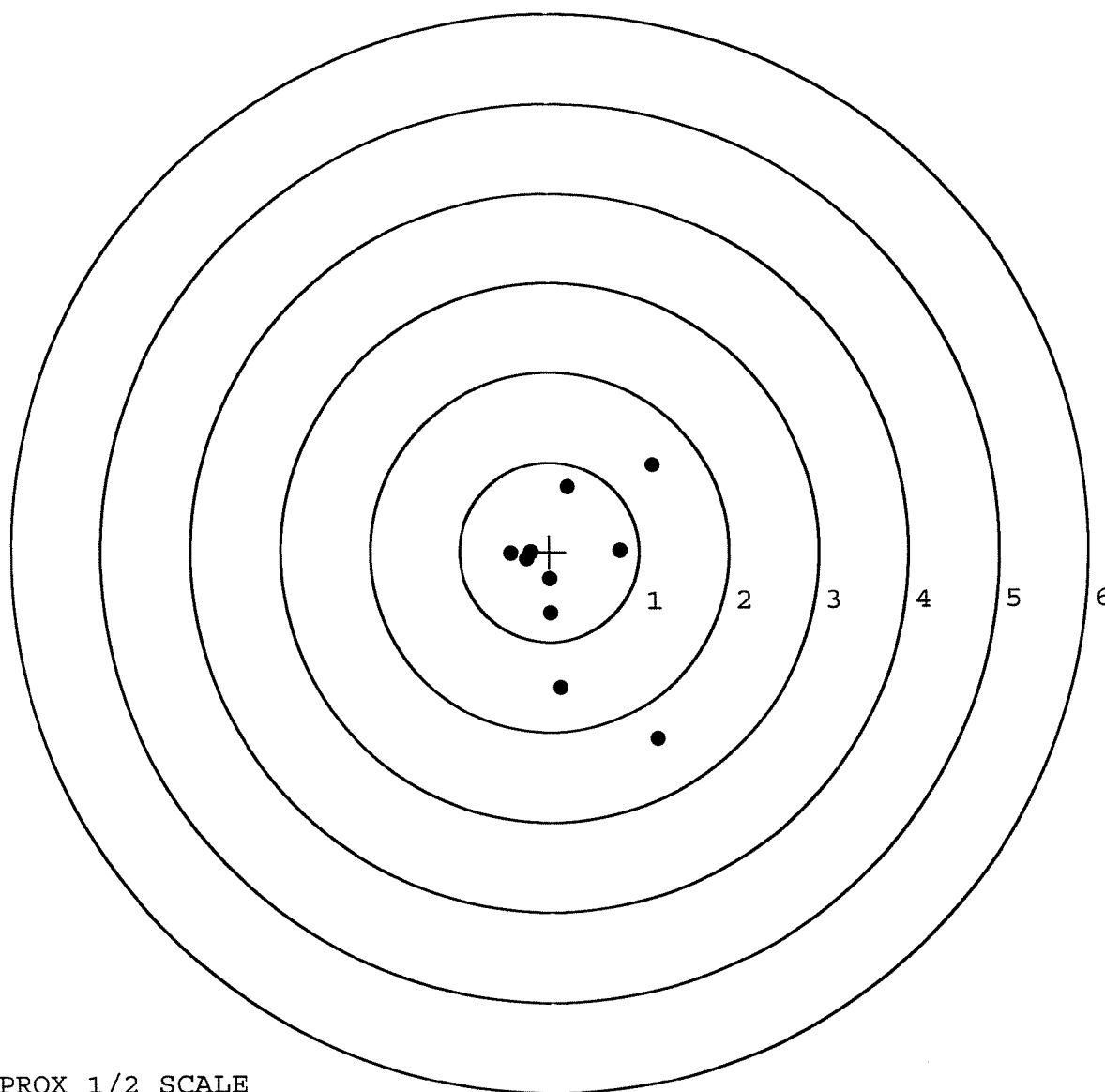


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348877. __0
TARGET NUMBER: 2
FILE DATE: 10/31/2007
FILE TIME: 21:50

X CENTROID: 0.257
Y CENTROID: -0.301
POA TO CENTROID: 0.396
HORZ SPREAD: 1.622
VERT SPREAD: 3.045
GROUP SPREAD: 3.045
MIN RADIUS: 0.262
MAX RADIUS: 2.012
MEAN RADIUS: 0.899
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.430	-0.022
2:	-0.211	-0.012
3:	-0.005	-0.306
4:	0.010	-0.690
5:	0.114	-1.507
6:	1.192	-2.083
7:	0.790	0.008
8:	1.153	0.962
9:	0.212	0.720
10:	-0.256	-0.082

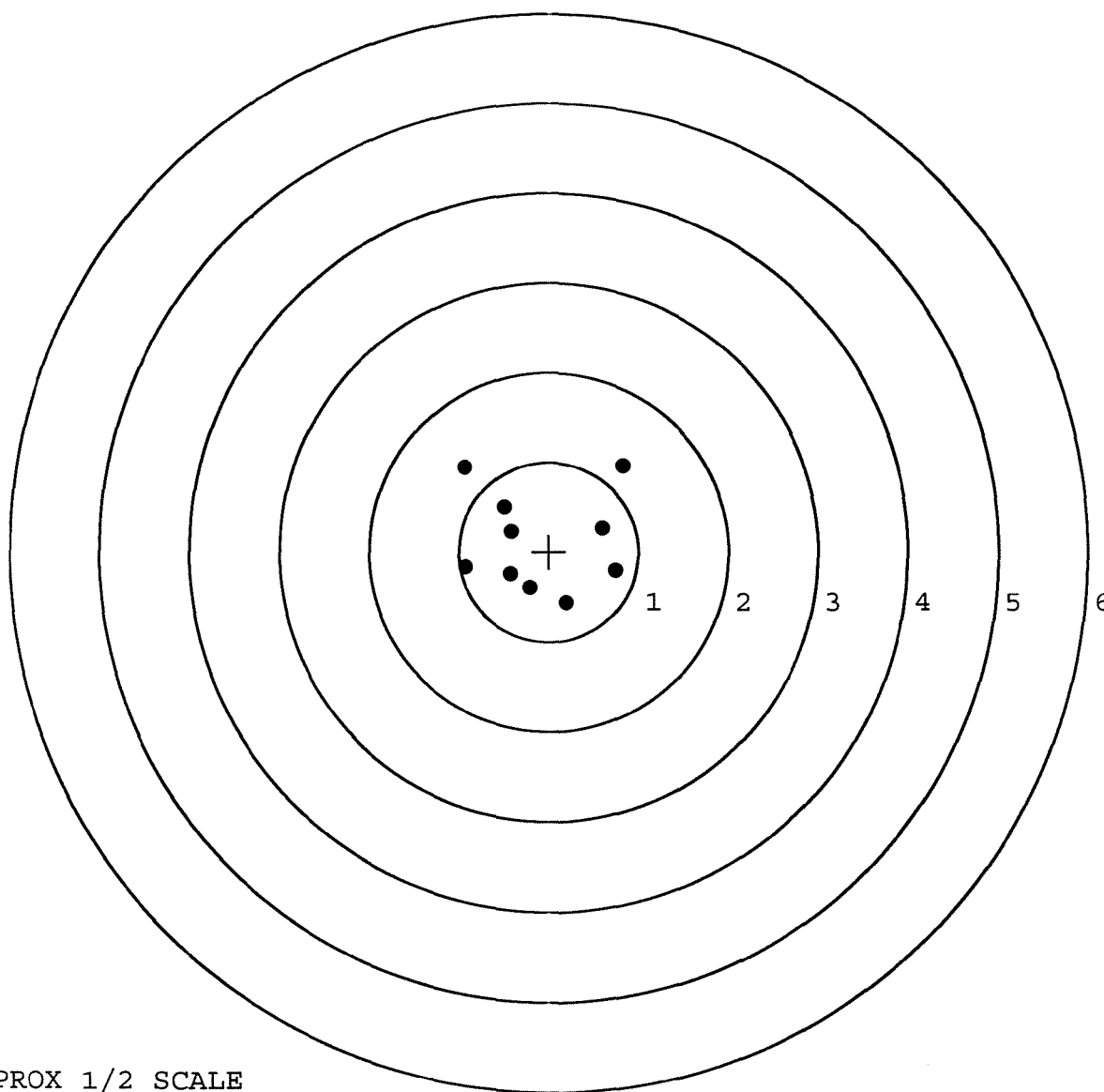


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348877. __0
TARGET NUMBER: 3
FILE DATE: 10/31/2007
FILE TIME: 21:50

X CENTROID: -0.102
Y CENTROID: 0.127
POA TO CENTROID: 0.163
HORZ SPREAD: 1.761
VERT SPREAD: 1.536
GROUP SPREAD: 2.091
MIN RADIUS: 0.326
MAX RADIUS: 1.251
MEAN RADIUS: 0.758
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.199	-0.572
2:	0.752	-0.208
3:	0.601	0.262
4:	0.827	0.964
5:	-0.934	0.935
6:	-0.492	0.494
7:	-0.414	0.222
8:	-0.925	-0.177
9:	-0.422	-0.250
10:	-0.212	-0.403

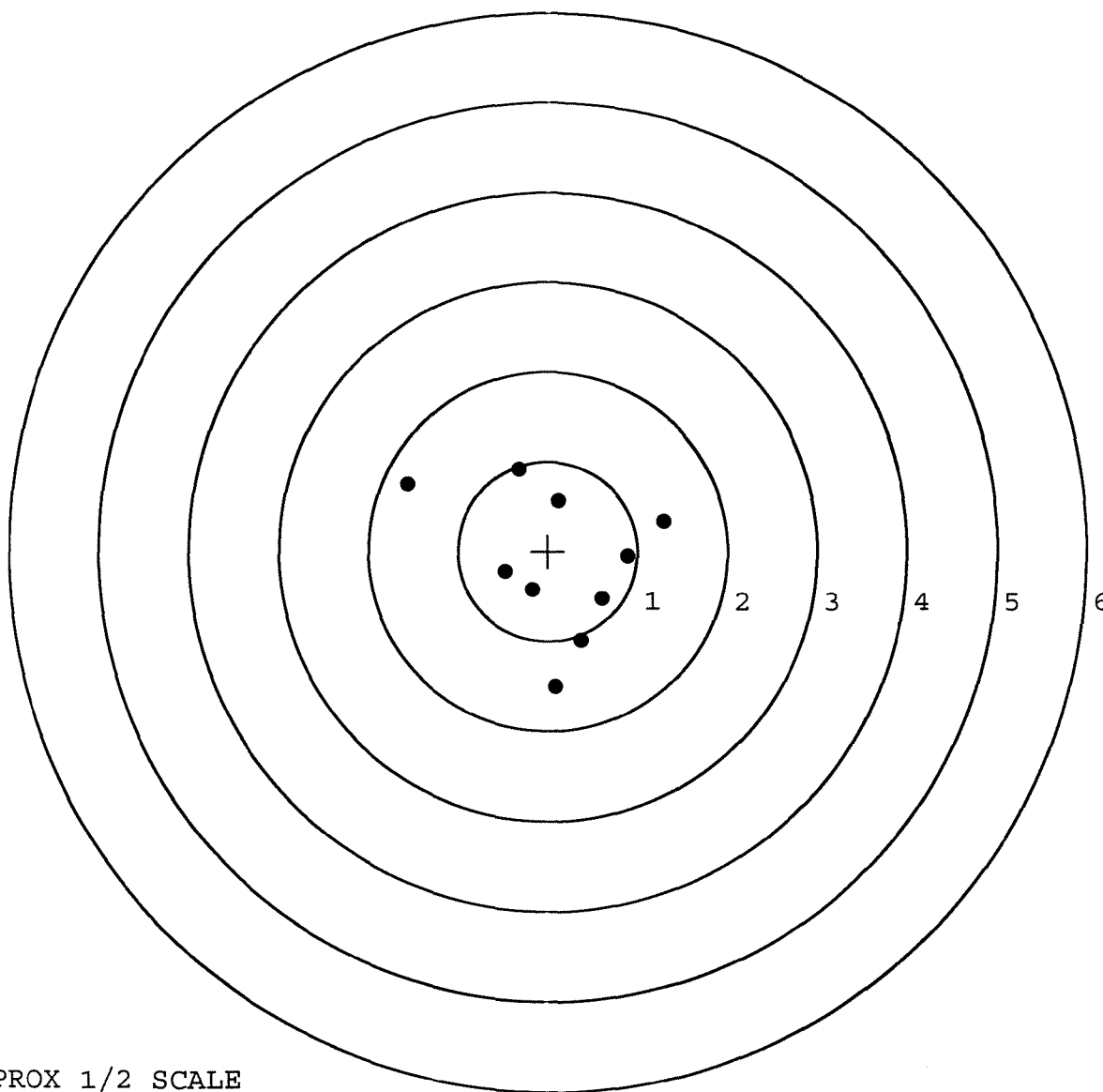


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348877. __0
TARGET NUMBER: 4
FILE DATE: 10/31/2007
FILE TIME: 21:50

POINT#	X	Y
1:	1.287	0.334
2:	0.889	-0.050
3:	0.613	-0.531
4:	0.383	-0.998
5:	0.099	-1.509
6:	-0.173	-0.438
7:	-0.468	-0.233
8:	0.123	0.562
9:	-0.323	0.912
10:	-1.567	0.736

X CENTROID: 0.086
Y CENTROID: -0.121
POA TO CENTROID: 0.149
HORZ SPREAD: 2.854
VERT SPREAD: 2.421
GROUP SPREAD: 2.882
MIN RADIUS: 0.409
MAX RADIUS: 1.862
MEAN RADIUS: 0.970
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9



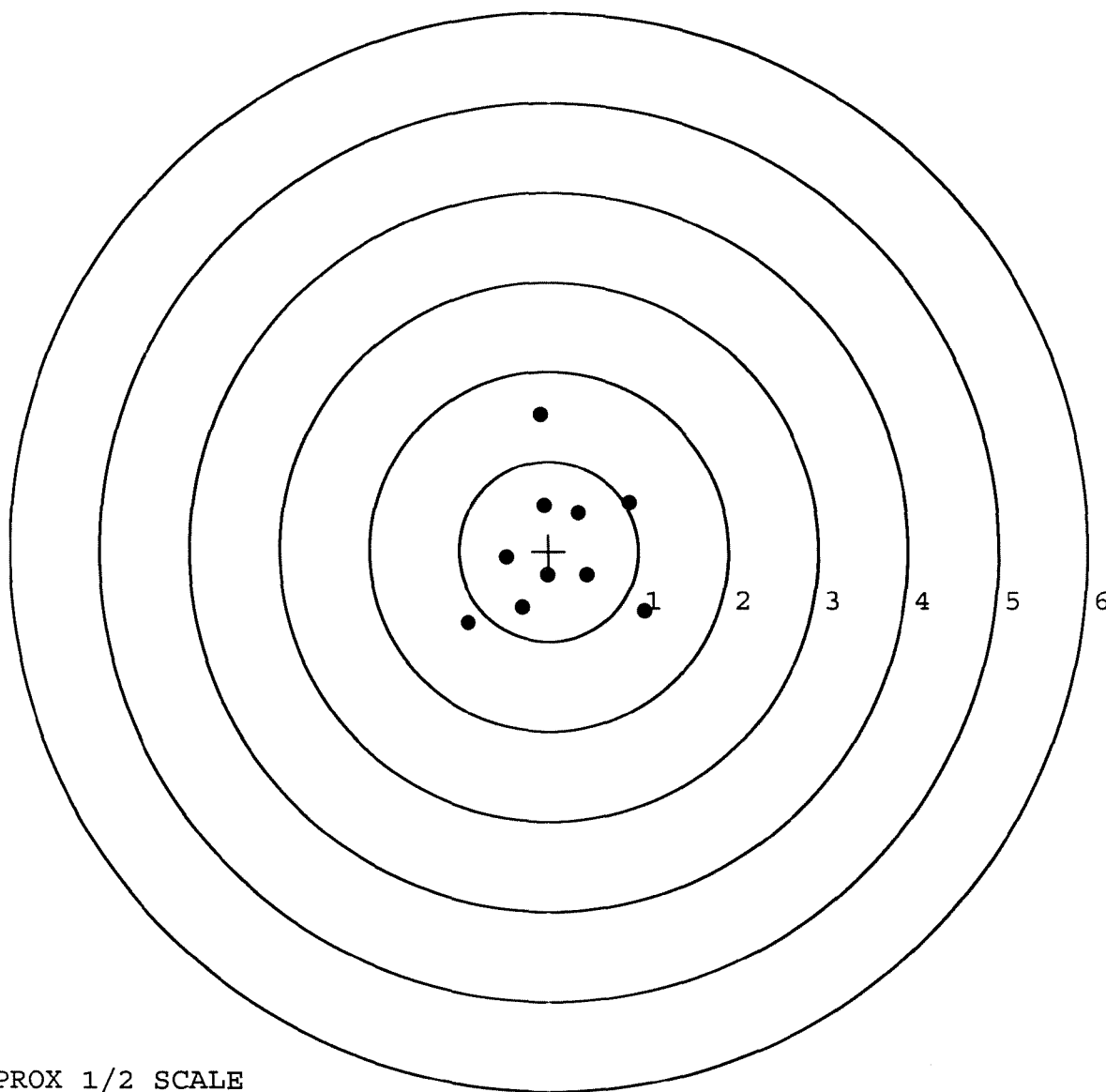
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348877.___0
TARGET NUMBER: 5
FILE DATE: 10/31/2007
FILE TIME: 21:50

X CENTROID: 0.091
Y CENTROID: 0.025
POA TO CENTROID: 0.094
HORZ SPREAD: 1.965
VERT SPREAD: 2.321
GROUP SPREAD: 2.475
MIN RADIUS: 0.311
MAX RADIUS: 1.502
MEAN RADIUS: 0.802

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.059	0.504
2:	0.340	0.422
3:	-0.472	-0.076
4:	-0.014	-0.268
5:	-0.292	-0.638
6:	0.433	-0.272
7:	1.068	-0.668
8:	0.899	0.536
9:	-0.099	1.515
10:	-0.897	-0.806



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	133968			
SERIAL NUMBER	C6348877			
LOG-IN DATE	9-14-07			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		10-11-07	RTZ
505	RE-BARREL		10-12-07	RTZ
560	ASSEMBLE		10-12-07	RTZ
600	PROOF		10-15-07	TRW
605	CHECK HEADSPACE	MAGNA - FLUX	10-15-07	TRW
610	DIS-ASSEMBLE GUN	10-16-07	10-16-07	RTZ
612	MAGNAFLUX		10-22-07	JB
510	DRILL AND TAP	OPERATOR JB	10-17-07	TRW
615	ROLLMARK CALIBER		10-18-07	CW
618	ROTO-BLAST		10-22-07	XY
620	APPLY COATINGS		10-25-07	CM
625	FINAL ASSEMBLY		10-31-07	RTZ
640	FUNCTION TEST AND	PASS FAIL	10-30-07	ms
650	TARGET	PASS FAIL	10-30-07	ms
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		11-6-07	RTZ
	A) HEADSPACE	PASS FAIL	11-6-07	RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.86 2.81 2.85 2.88 2.87 11-5-07	RA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	4.25 4.5 4.5 11-5-07	RA
	G) SAFETY OFF FORCE	2 LBS MIN	3.5 3.0 2.5 11-5-07	RA
	I) FIRING PIN INDENT	.020	1.021 1.021 1.022 11-5-07	RA
690	PACK		11-6-07	RA