

C6348877

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Repair Number: **RE00078724**Serial: C6348877 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 3/16/2004 7:53:56 AM

Address Information

Customer

Received From

Return To

Received From

Name: **COMMANDER 7TH SFG (A)****COMMANDER 7TH SFG (A)**Address 1: **ATTN HOWELL****ATTN HOWELL**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

Good

Condition
Notes:CSR
Notes:**Accessories Received**

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
C000	Fit and Rear Sgt Base	1

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

maglet

3/16/2004

8:48 AM

CAPS

NUM

INS

SCAL

start

2

3

3

3

3

3

3

3

Serial Number:

C6348877Model: **M24 SWS****RE00078724**

FINAL INSPECTION CHECKLIST M-24 REPAIRS
CONTRACT #: DAAE-20-02-D-0127SERIAL # 06348877INSPECTED BY: RTLDATE REC'D: 3-16-04DATE 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

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

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

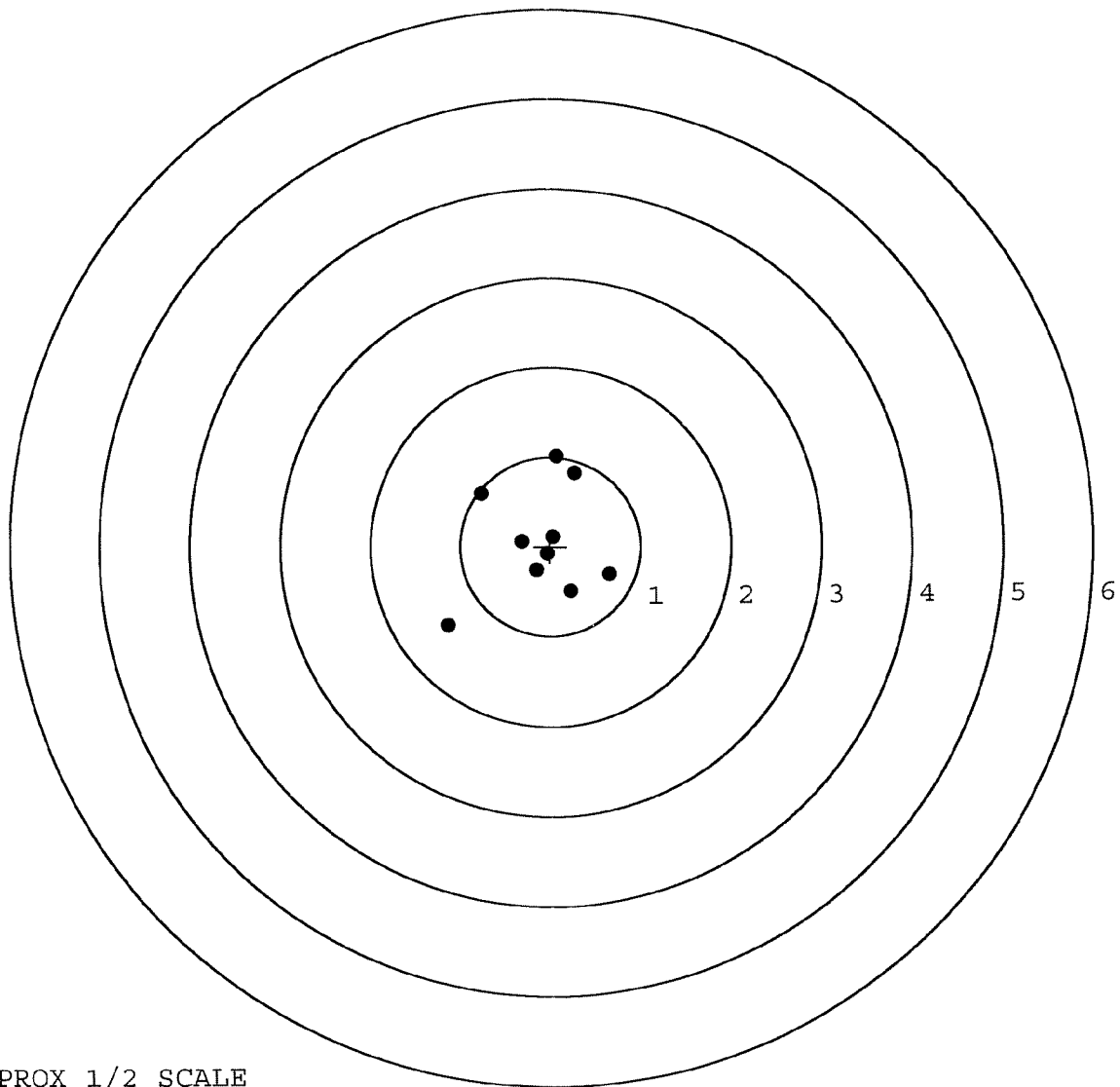
MAX RADIUS: 1.386

MEAN RADIUS: 0.643

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348877. 0

TARGET NUMBER: 2

FILE DATE: 04/06/2004

FILE TIME: 06:29

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

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

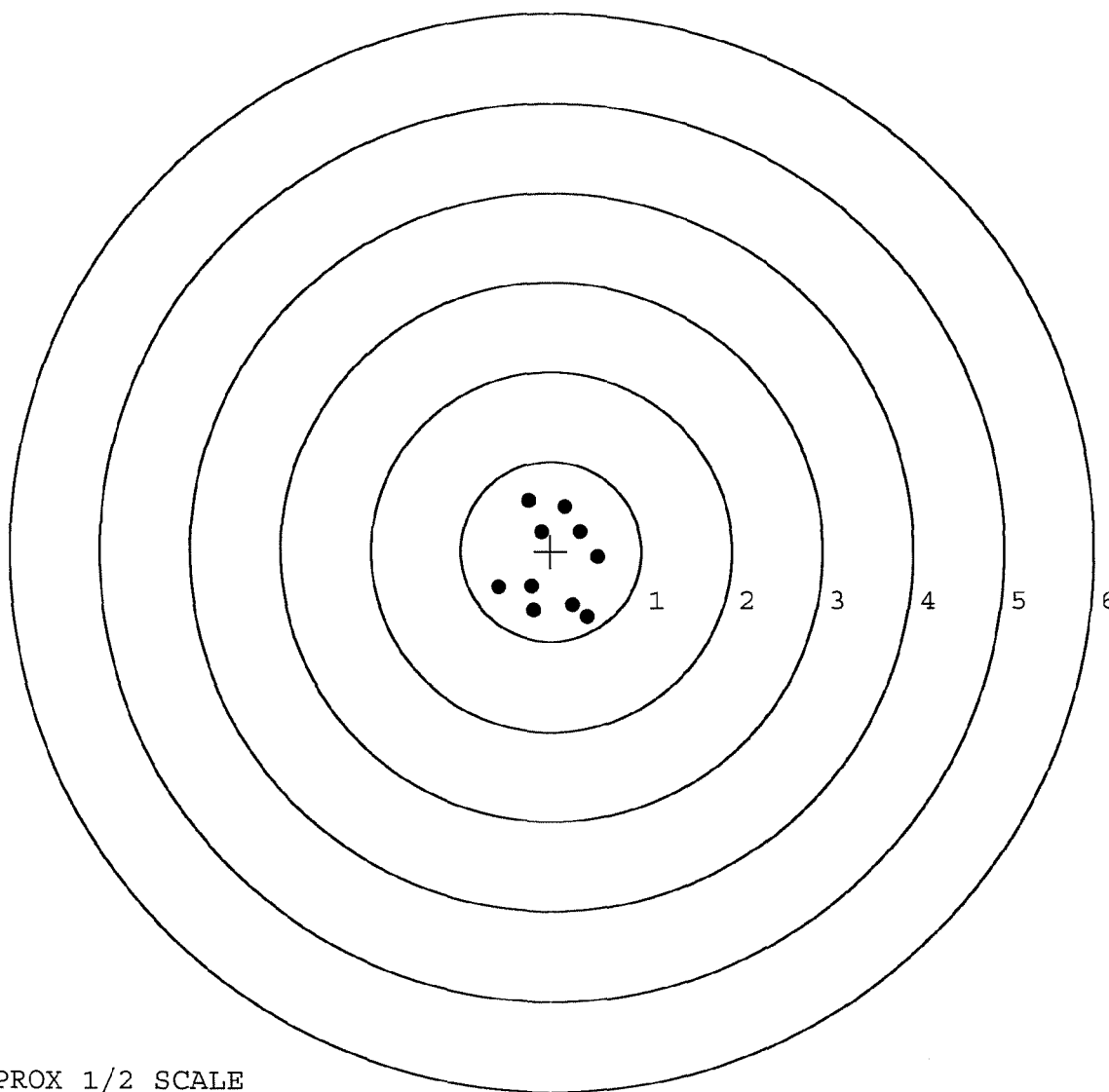
MAX RADIUS: 0.754

MEAN RADIUS: 0.556

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348877. 0

TARGET NUMBER: 3

FILE DATE: 04/06/2004

FILE TIME: 06:29

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

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

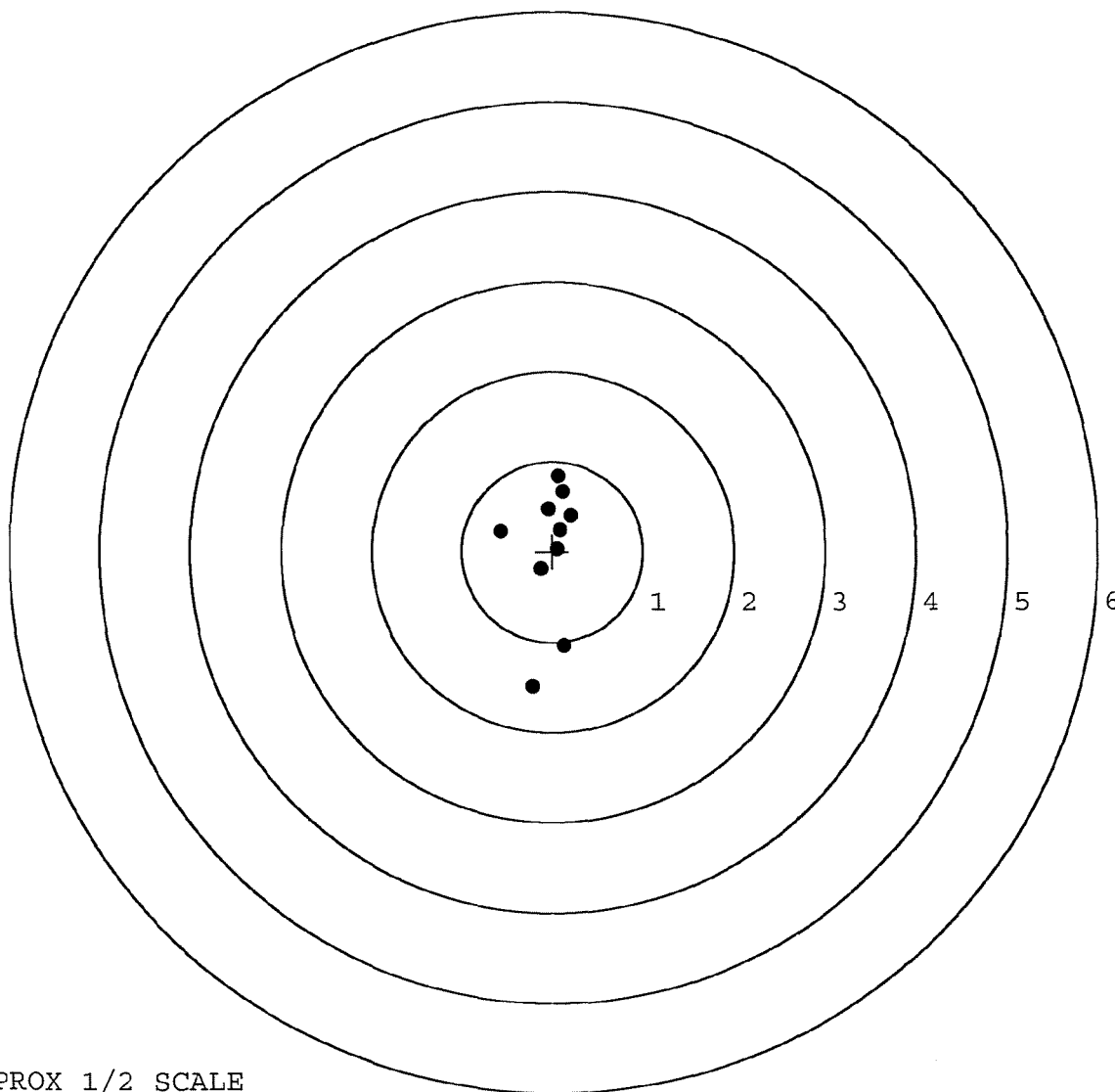
MAX RADIUS: 1.522

MEAN RADIUS: 0.615

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



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

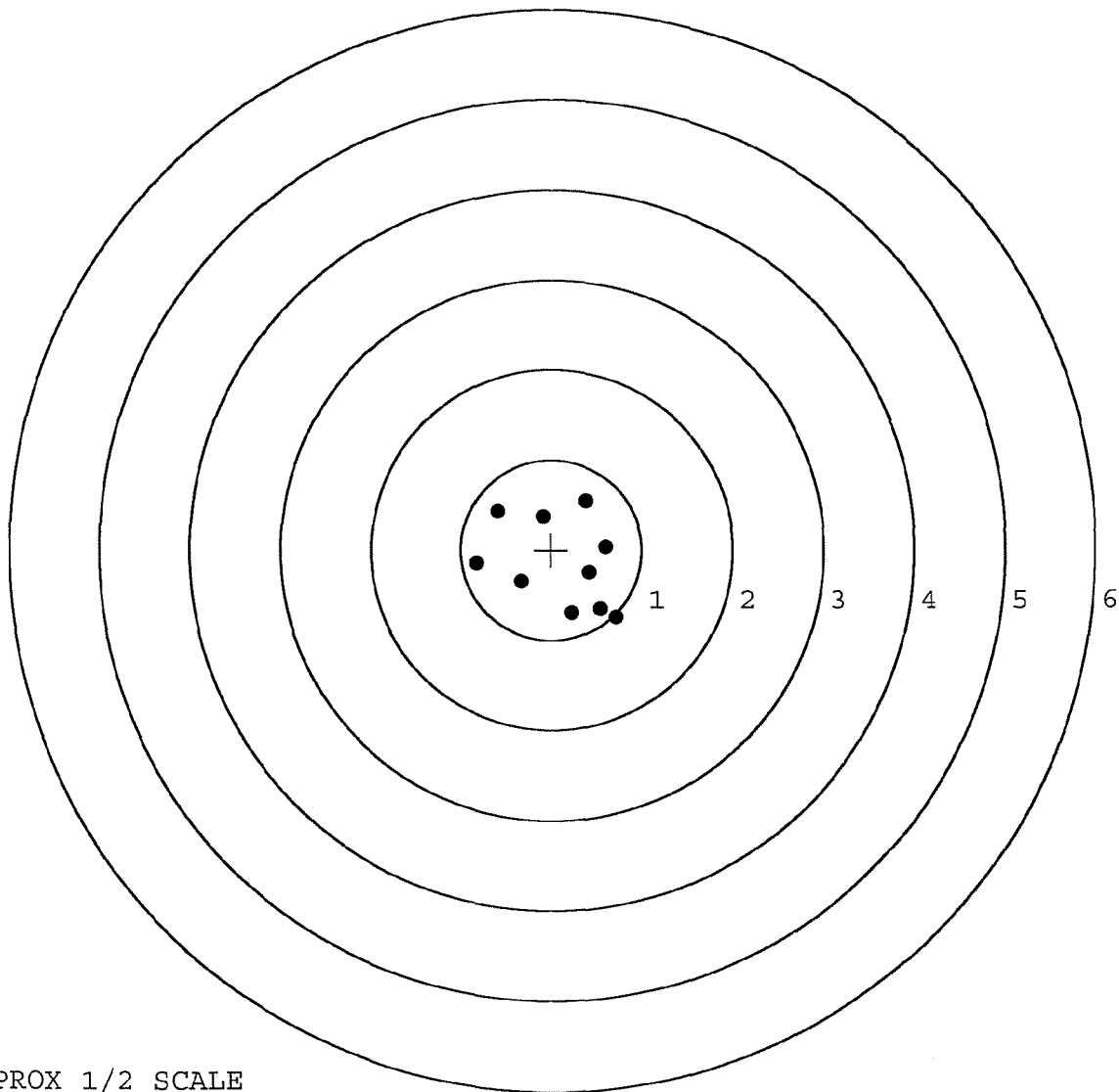
MEAN RADIUS: 0.660

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

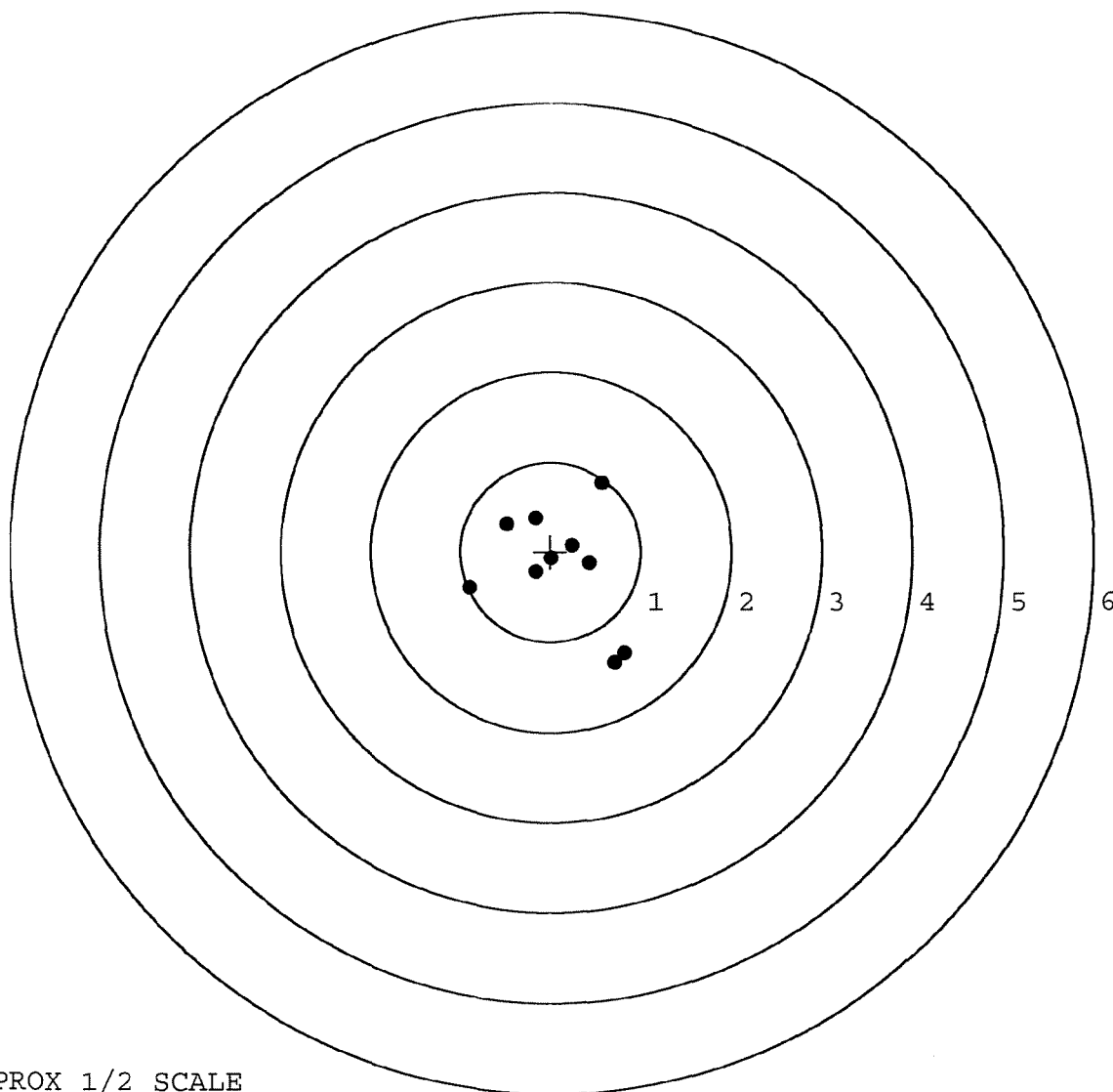
MEAN RADIUS: 0.691

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

[illegible]

Arms Services Repair & Estimate System

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

Repair Inquiry

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

Verify Repair

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**

FPL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition **Problems** **Estimate** **History / Status** **Shipping / Billing**

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Post:

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**

naglej 9/28/00 7:28 AM CAPS NUM IUS CPL

Start Inb 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

R & E NUMBER	14575		
SERIAL NUMBER	C6348877		
LOG-IN DATE	9-26-00		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9-28-00	CK
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	10-3-00	RW
605	CHECK HEADSPACE	10-3-00	CK
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-17-00	RW
655	FINAL INSPECT	10-25-00	CK
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

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 AMR FOR THIS RIFLE IS: 1.063

CENTROIDAL DISTANCES

0	TO	1	.322943
1	TO	2	.0895494
1	TO	3	.461395
1	TO	4	.470023
1	TO	5	.182562

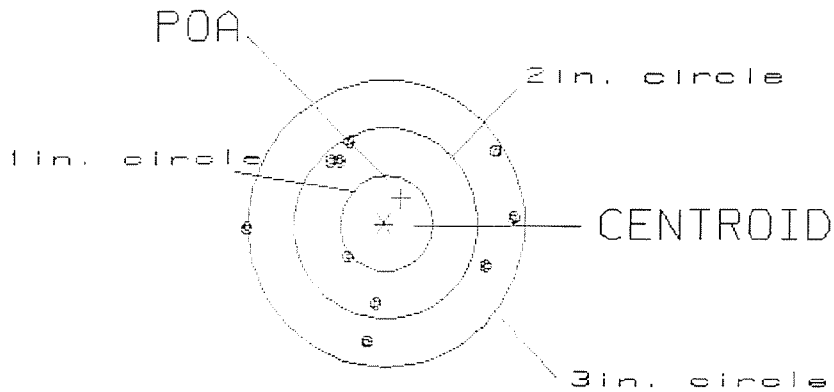
4
+3
21 5 <----POA

PATTERN #: 1
 POA TO CENTROID: .323
 MIN RADIUS : .506
 MEAN RADIUS : 1.094
 MAX RADIUS : 1.497
 CENTROID X : -.186
 CENTROID Y : -.264

23 Oct 2000

FILE:/Hptasic/Accuracy/Patterning/Centerfire_Patt/c6348877

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.89
 VS= 2.14
 GS= 2.89

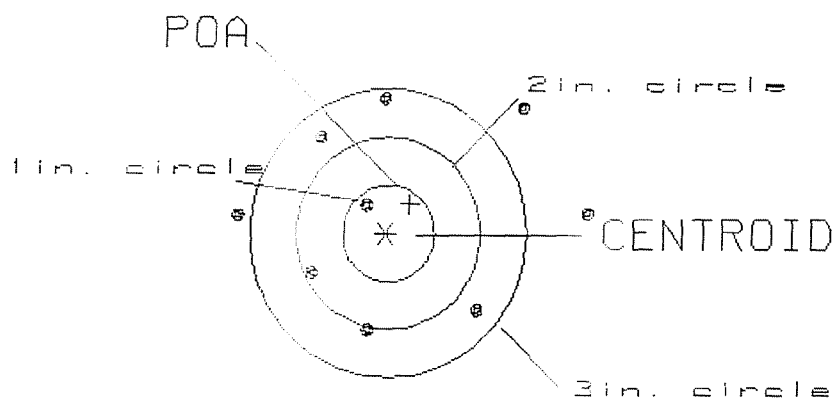
0
 5
 10

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

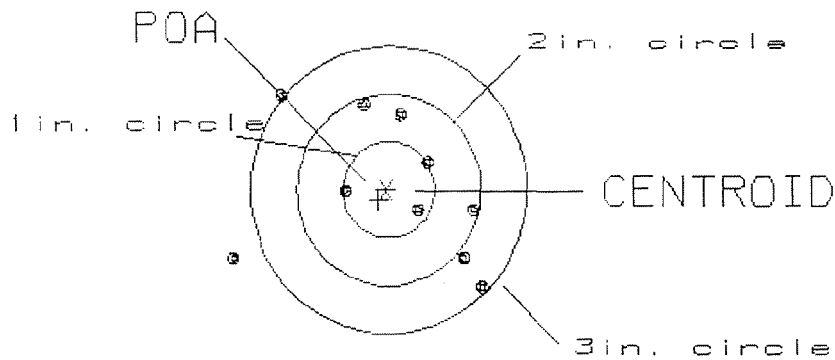
REMINGTON TEST LAB, ILION, N.Y.

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

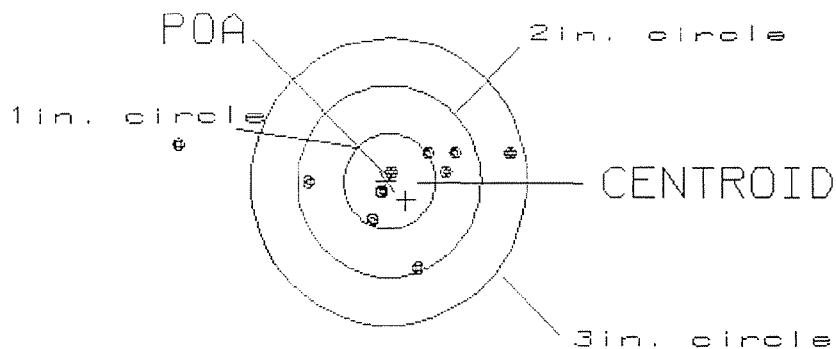
8

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/c6349877

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.53

3

VS= 1.32

7

GS= 3.53

9

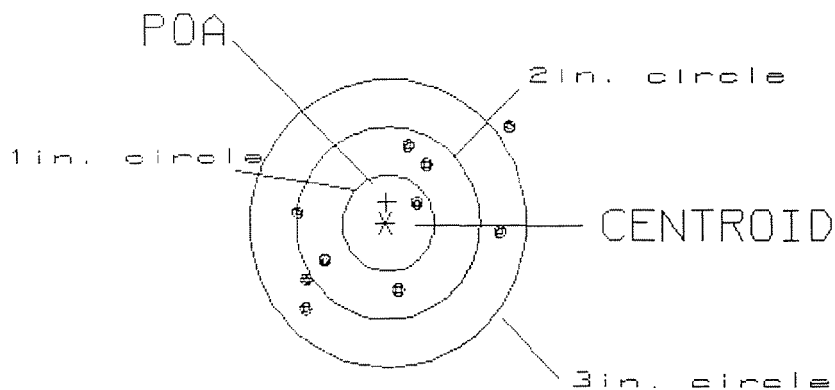
PATTERN #: 5

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

23 Oct 2000

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/c6348877

CENTERFIRE PATTERN # 5

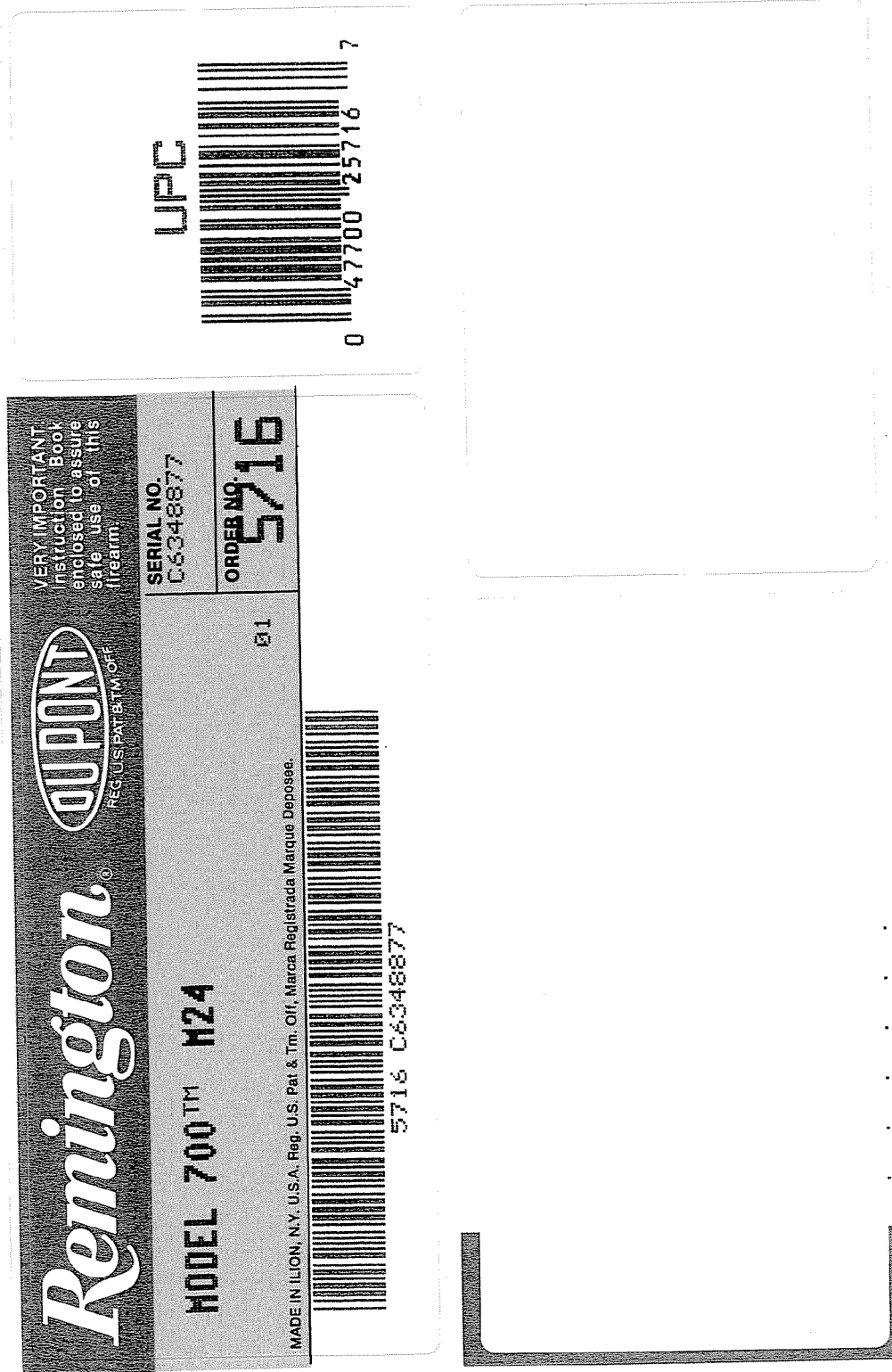


OF SHOTS= 10

IN CIRCLE

HS= 2.39
 VS= 1.89
 GS= 2.92

1
 5
 9



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	JA

op. #	BARBER : M24 0040483 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	J.C.
	I) Firing Pin Indent	.0215	.0215	.0214			8/24/89	WB
	J) Assemble Stock						8/24/89	Ru
	K) Assemble Swivel Studs						28 Aug 89	JLH
	L) Attach Front and Rear Sight Assemblies						8/24/89	Ru
	M) Iron Sight Alignment						8/24/89	Ru
	N) Detach Front & Rear Sights & place in numbered container						8/24/89	Ru
	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	JLH
	B) Trigger Pull	249	257	258	253	257	28 Aug 89	JLH
	C) Function						28 Aug 89	JLH
660	Pack						20 Sept 89	JLH

Repaired Stock at Front Swivel
9/13/89

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06348877

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 # 06348877
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

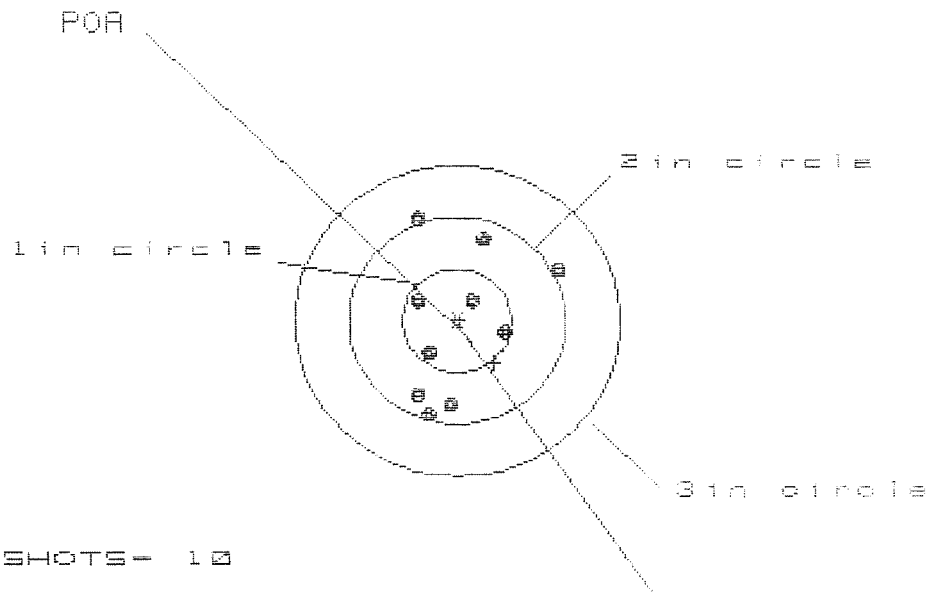
1 2
99 <----POB

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

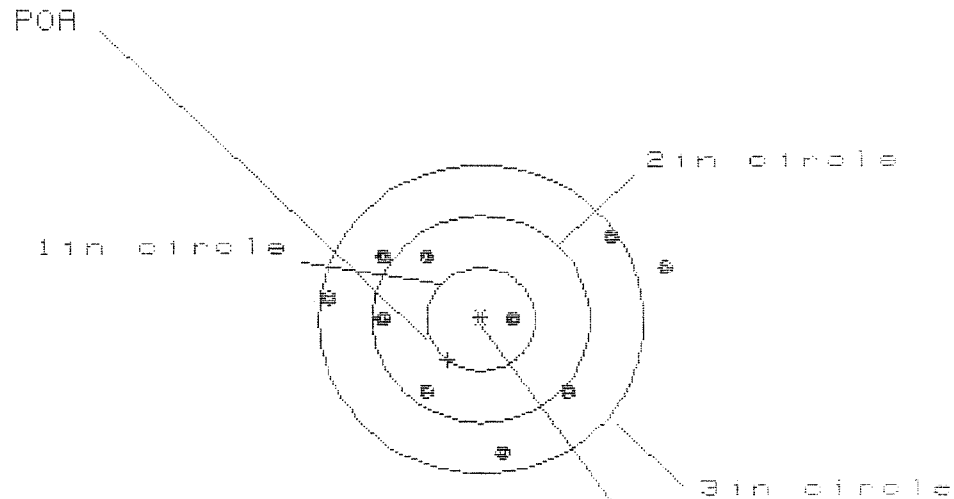
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.988	.865	.470
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		

25 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08348877

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 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	-1.825
MAXIMUM Y	:	.779	.832	.868
MINIMUM Y	:	-1.337	-1.284	-1.248
CENTROID X	:	.387	.120	.269
CENTROID Y	:	.392	.339	.383
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	2.037
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/08348877

CENTERFIRE PATTERNS # 3

POR

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 3.010

VS= 2.289

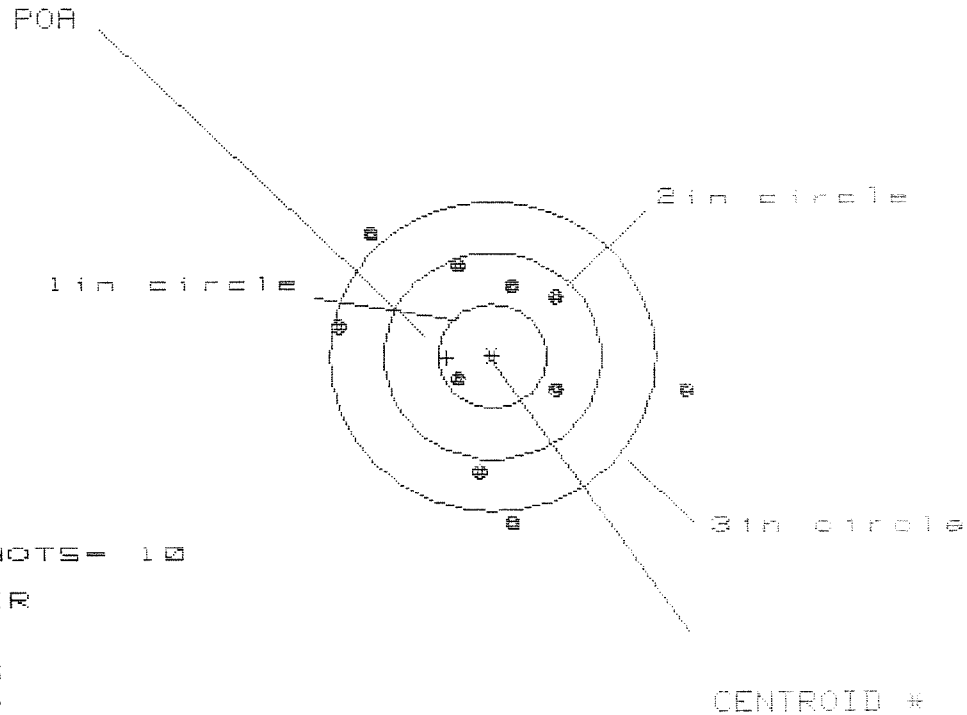
GS= 3.057

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
POR 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	

25 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C5348877

CENTERFIRE PATTERNS # 4

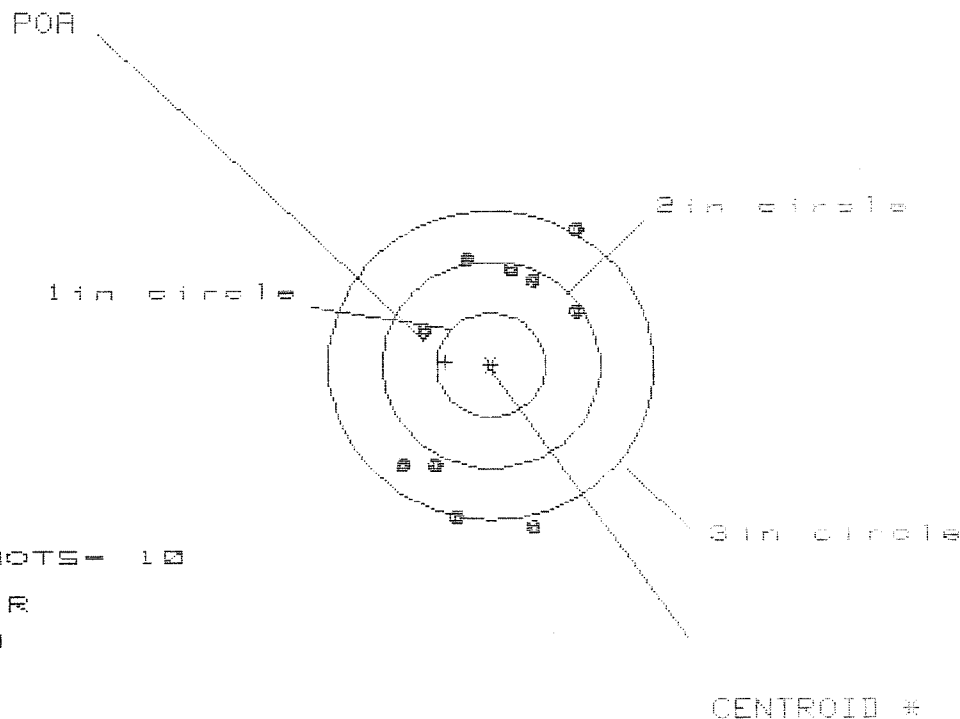


PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	1.757
MINIMUM X	-1.417
MAXIMUM Y	1.178
MINIMUM Y	-1.569
CENTROID X	.420
CENTROID Y	.018
POA TO CENTROID in.	.420
MIN RADIUS	.389
MEAN RADIUS	1.103
MAX RADIUS	1.786
HORIZONTAL SPREAD	3.174
VERTICAL SPREAD	2.747
EXTREME SPREAD	3.243
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	7

25 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348877

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 7

HS= 1.605

VS= 2.879

GS= 3.018

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.795
MINIMUM X	-.810
MAXIMUM Y	1.315
MINIMUM Y	-1.564
CENTROID X	.417
CENTROID Y	-.025
POA TO CENTROID in.	.418
MIN RADIUS	.716
MEAN RADIUS	1.169
MAX RADIUS	1.603
HORIZONTAL SPREAD	1.605
VERTICAL SPREAD	2.879
EXTREME SPREAD	3.018
NUMBER IN ONE INCH CIRCLE =	0
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	7

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: **RE00133968** Serial: C6348877 Model M24 SWS Center Fire Repairman: _____
 Verify Repair _____ Caliber: 7.62 NATO Produced: 09/19/1989 Status: Closed 9/14/2007 3:01:03 PM

Address Information

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

FFL: _____

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: **NN** Received Condition: **Fair** 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	Frt and Rear Sgt Base	1

Condition Notes: _____
 CSR Notes: _____

Repair Search Refresh Close

nagletj 9/17/2007 2:05 PM C4PS NUM INS SCRL

start 2 Micros... 6 Intern... RACD179... 2 SAP Lo... Arms Servi... 2:05 PM

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

RE00133968

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

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

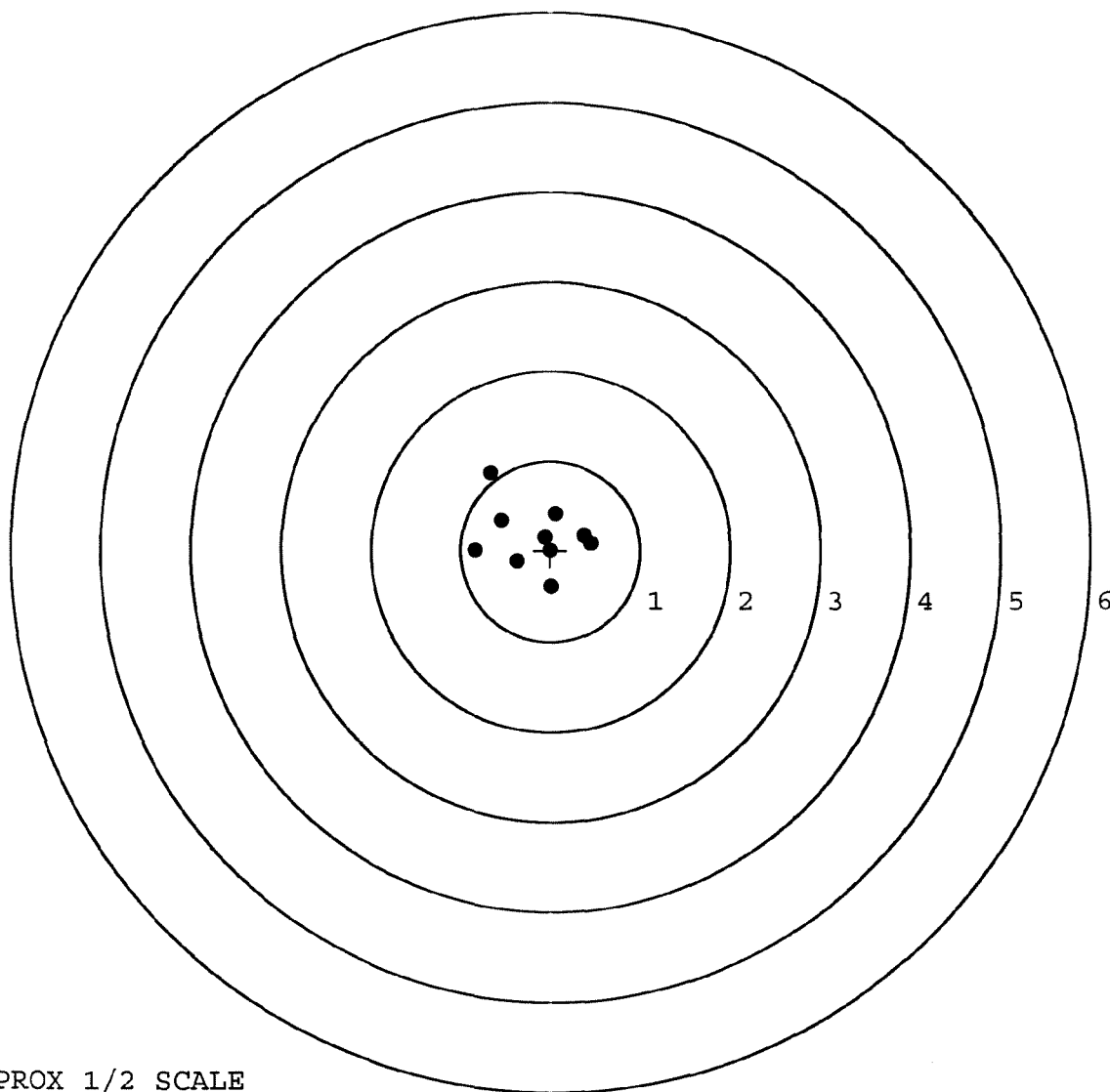
MEAN RADIUS: 0.476

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

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



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

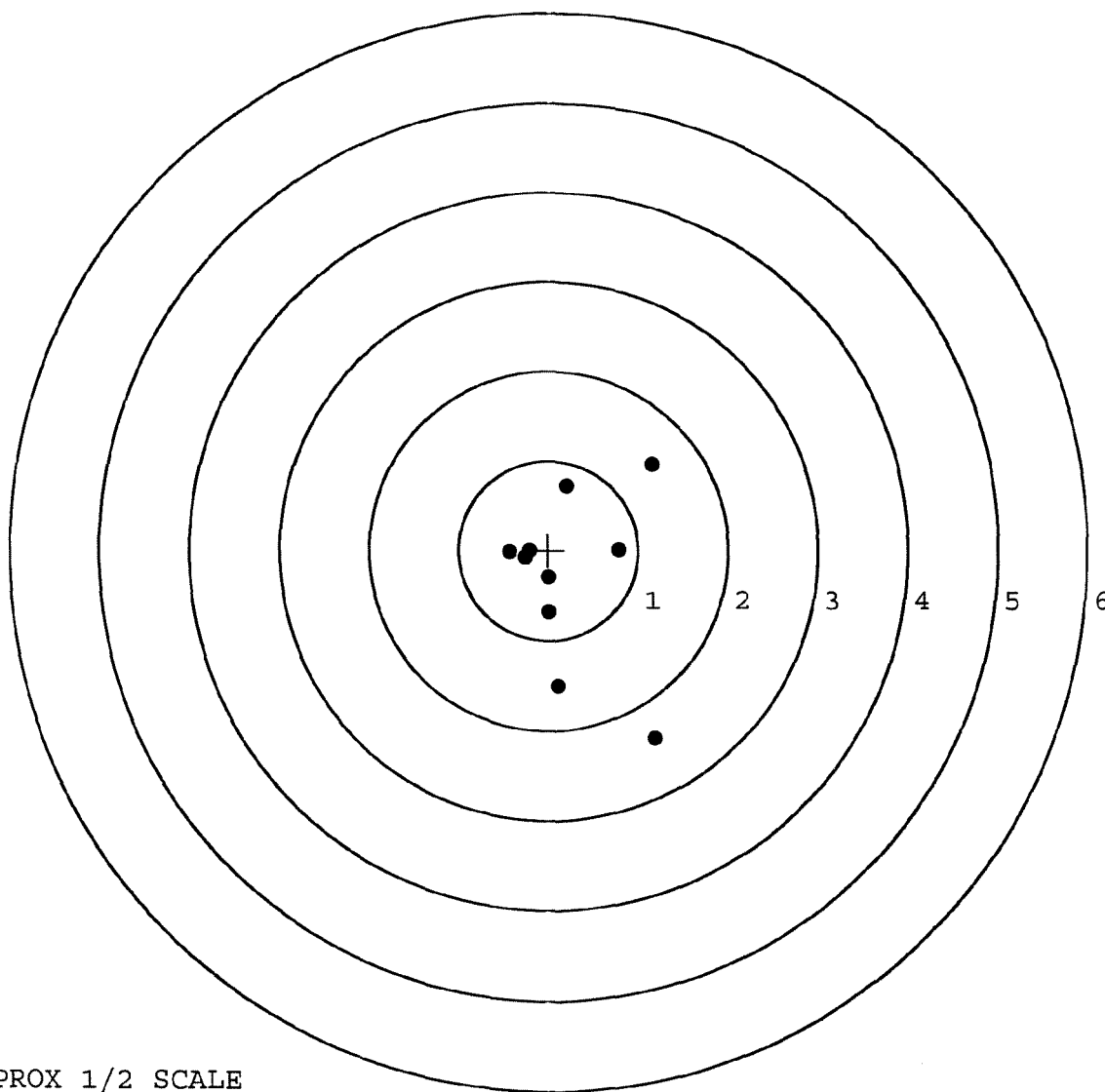
MEAN RADIUS: 0.899

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

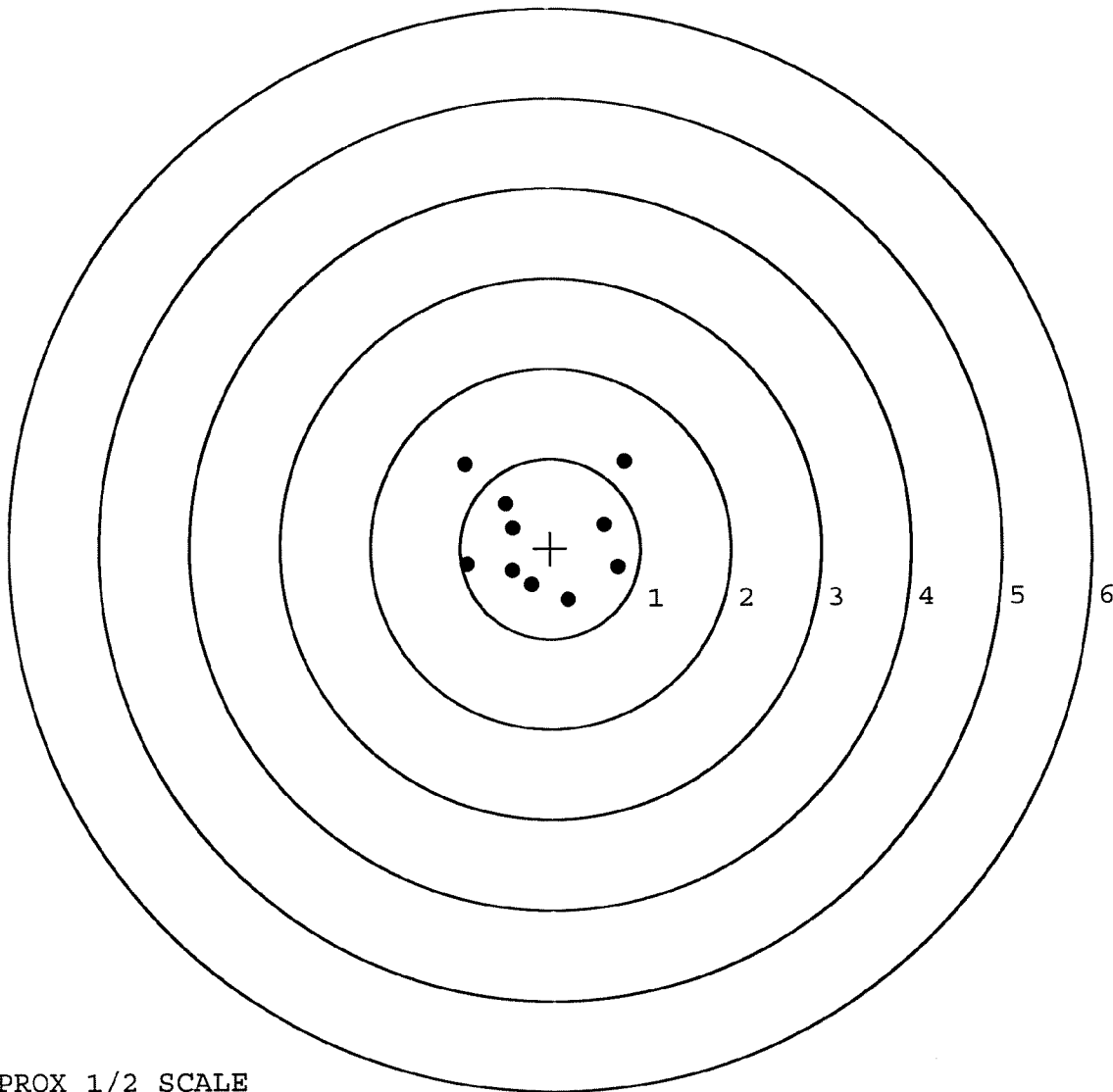


TARGET APPROX 1/2 SCALE

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

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

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



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

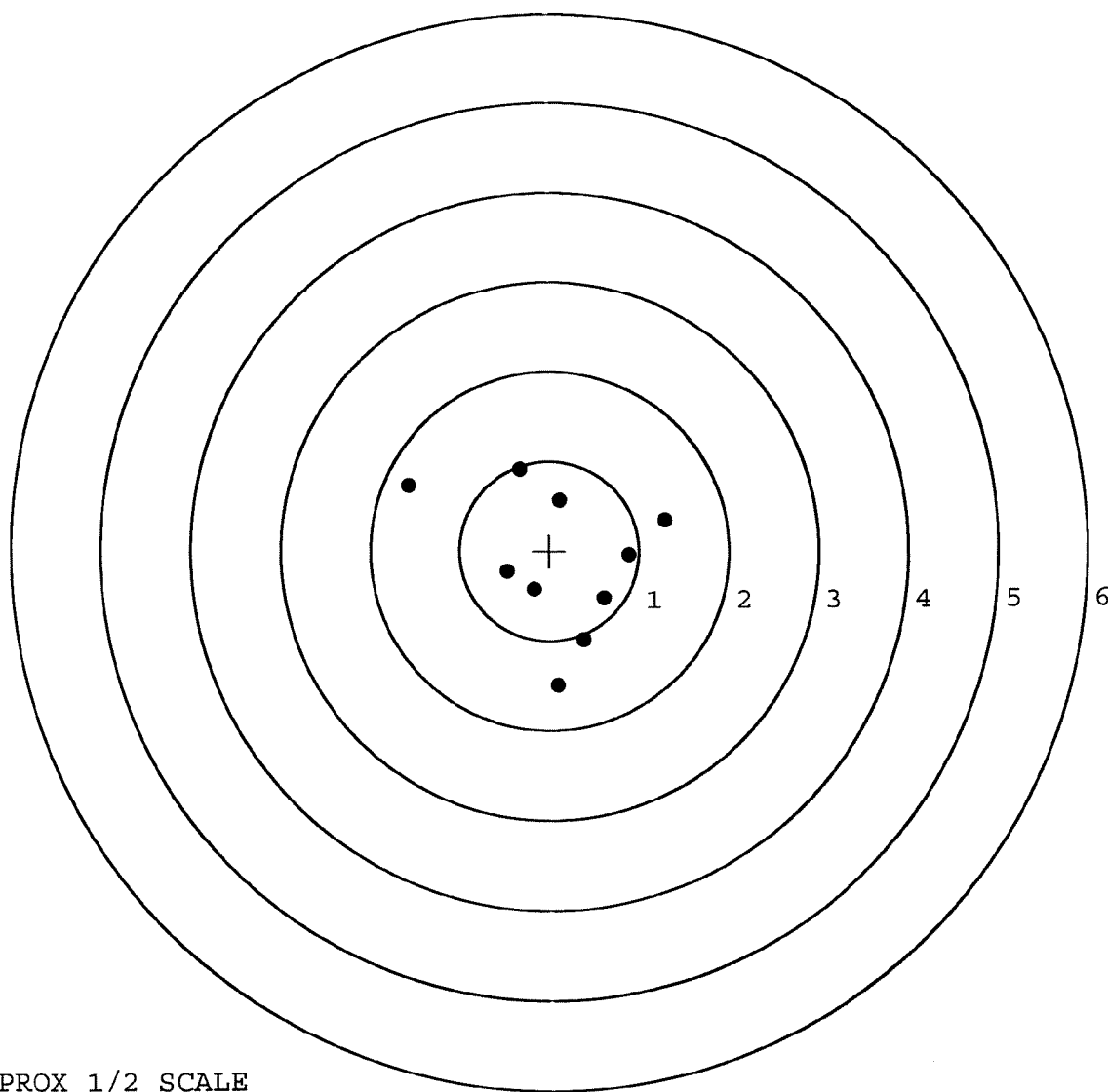
MAX RADIUS: 1.862

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

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

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

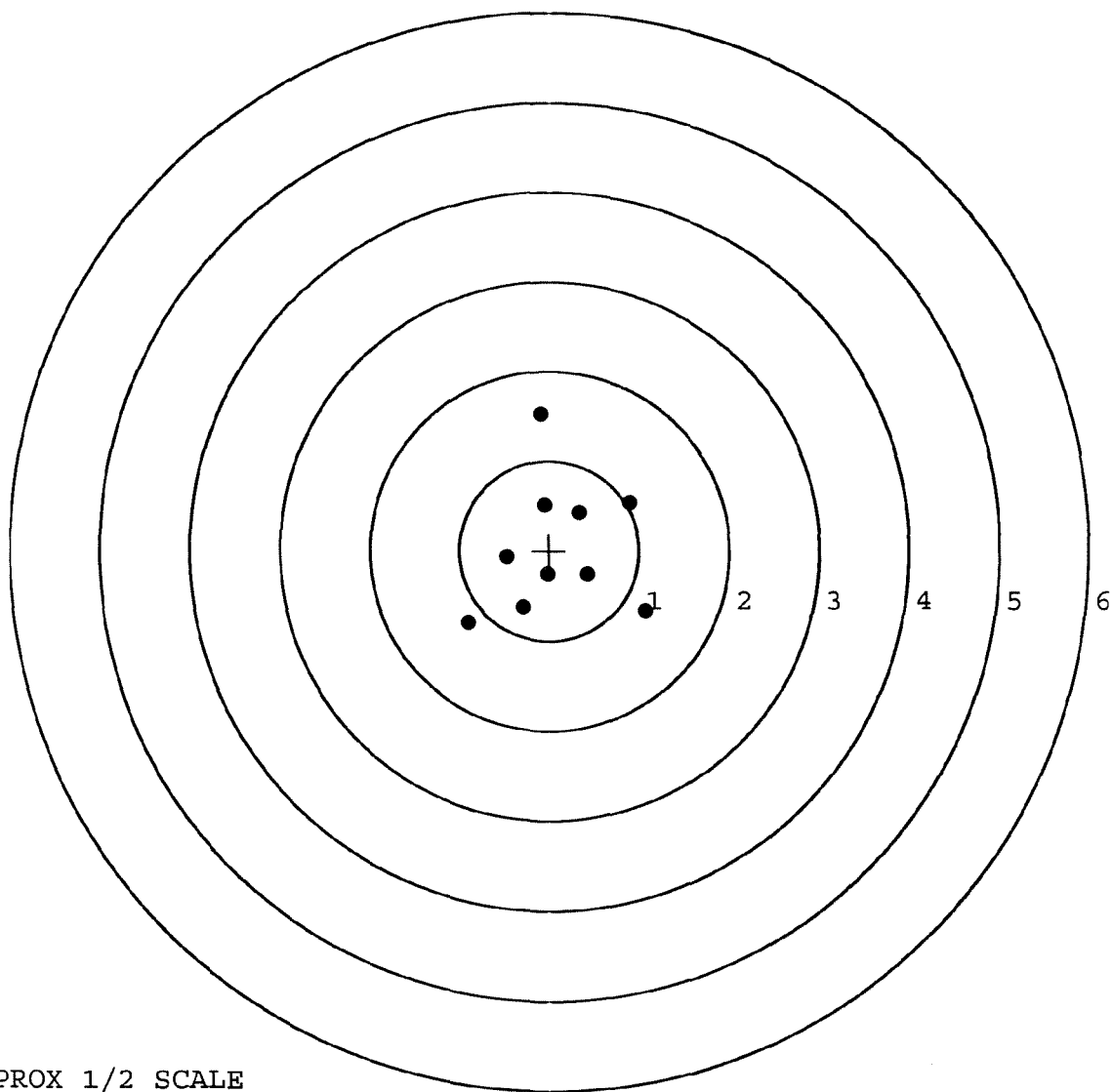
MAX RADIUS: 1.502

MEAN RADIUS: 0.802

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



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	RTL
505	RE-BARREL	10-12-07	RTL
560	ASSEMBLE	10-12-07	RTL
600	PROOF	10-15-07	TRW
605	CHECK HEADSPACE	10-15-07	TRW
610	DIS-ASSEMBLE GUN	10-16-07	RTL
612	MAGNAFLUX	10-22-07	JB
510	DRILL AND TAP	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	RTL
640	FUNCTION TEST AND	PASS FAIL	10/30/07 mm
650	TARGET	PASS FAIL	10/30/07 mm
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		11-6-07 RTL
	A) HEADSPACE	PASS FAIL	11-6-07 RTL
	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 3.5 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