

G 6410261
Rephes
C-6225148

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: **RE00099106** Serial: C6225148 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 03/21/1999 Repairman: Status: Closed 7/22/2005 2:56:41 PM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: **HHC 1504 PIR** **HHC 1504 PIR**

Address 1: **ATTN SPC HUNKER WILLIAM E** **ATTN SPC HUNKER WILLIAM E**

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

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A045	Bi Pod	1

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

maglaj 7/25/2005 10:41 AM CAPS NUM INS SCRL

start 2

C66410261

Serial Number: **C6225148**

Model: **M24 SWS**



RE00099106

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6410261.__3

FILE DATE AND TIME: 02/23/2006 05:14

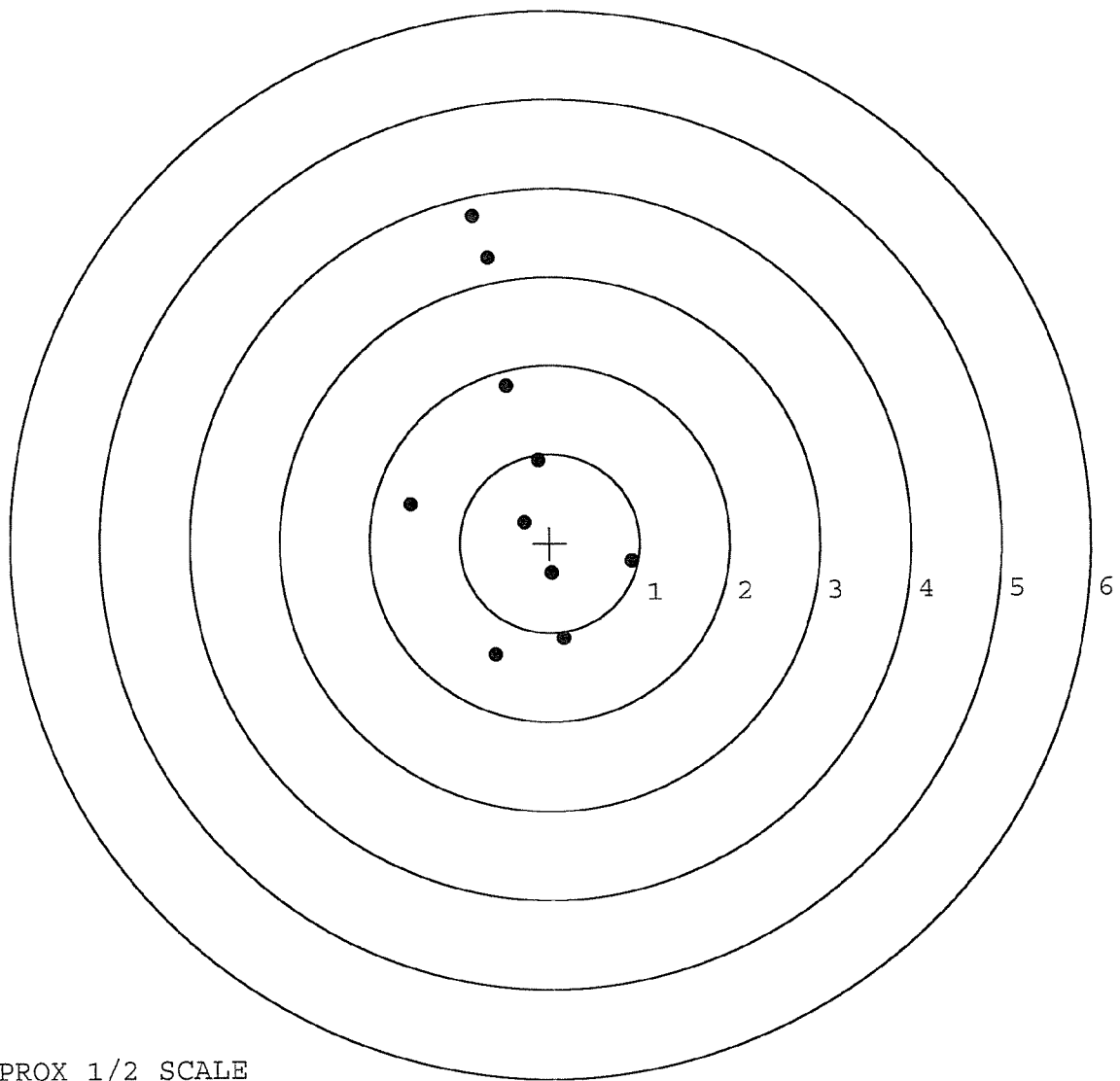
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.077
The Average Y Centroid of the Five Target Set:	0.094
The Average Point of Impact of the Five Target Set:	0.121
The Average Mean Radius of the Five Target Set:	0.952
The Distance from POA to Centroid Target #1:	0.817
The Distance from Centroid Target #2 to Centroid Target #1:	0.936
The Distance from Centroid Target #3 to Centroid Target #1:	0.678
The Distance from Centroid Target #4 to Centroid Target #1:	1.123
The Distance from Centroid Target #5 to Centroid Target #1:	0.790

SERIAL NUMBER: G6410261.___3
TARGET NUMBER: 1
FILE DATE: 02/23/2006
FILE TIME: 05:14

X CENTROID: -0.343
Y CENTROID: 0.741
POA TO CENTROID: 0.817
HORZ SPREAD: 2.452
VERT SPREAD: 4.938
GROUP SPREAD: 4.943
MIN RADIUS: 0.289
MAX RADIUS: 2.986
MEAN RADIUS: 1.515
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 2
in 3 IN DIAMETER: 5

POINT#	X	Y
1:	0.153	-1.069
2:	-0.607	-1.251
3:	0.911	-0.211
4:	0.025	-0.338
5:	-0.281	0.234
6:	-0.126	0.932
7:	-1.541	0.441
8:	-0.471	1.771
9:	-0.665	3.215
10:	-0.832	3.687



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6410261. __3

TARGET NUMBER: 2

FILE DATE: 02/23/2006

FILE TIME: 05:14

POINT#	X	Y
--------	---	---

1:	0.164	-2.081
----	-------	--------

2:	0.659	-1.160
----	-------	--------

3:	-0.377	-0.551
----	--------	--------

4:	0.459	-0.446
----	-------	--------

5:	0.339	-0.082
----	-------	--------

6:	0.988	0.744
----	-------	-------

7:	-0.044	2.141
----	--------	-------

8:	0.062	0.458
----	-------	-------

9:	-0.397	0.460
----	--------	-------

10:	-0.265	0.034
-----	--------	-------

X CENTROID: 0.159

Y CENTROID: -0.048

POA TO CENTROID: 0.166

HORZ SPREAD: 1.385

VERT SPREAD: 4.222

GROUP SPREAD: 4.227

MIN RADIUS: 0.183

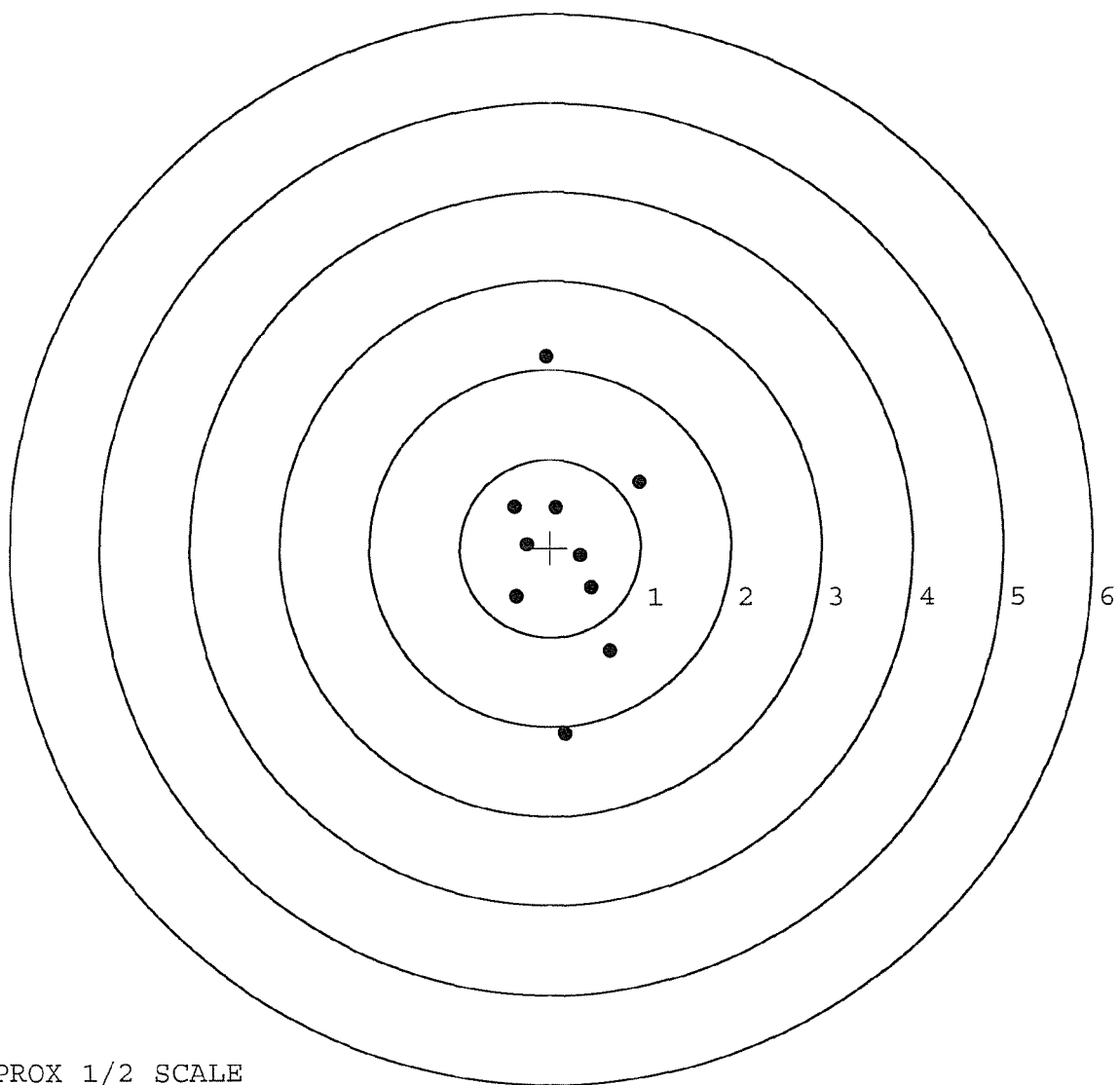
MAX RADIUS: 2.199

MEAN RADIUS: 0.971

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6410261. __3

TARGET NUMBER: 3

FILE DATE: 02/23/2006

FILE TIME: 05:14

POINT#	X	Y
1:	0.382	-1.205
2:	0.447	-0.536
3:	0.484	0.038
4:	0.127	0.797
5:	-0.255	0.707
6:	-0.417	1.666
7:	-0.067	0.071
8:	-0.318	-0.156
9:	-0.124	-0.118
10:	-0.774	0.031

X CENTROID: -0.052

Y CENTROID: 0.129

POA TO CENTROID: 0.139

HORZ SPREAD: 1.258

VERT SPREAD: 2.871

GROUP SPREAD: 2.980

MIN RADIUS: 0.061

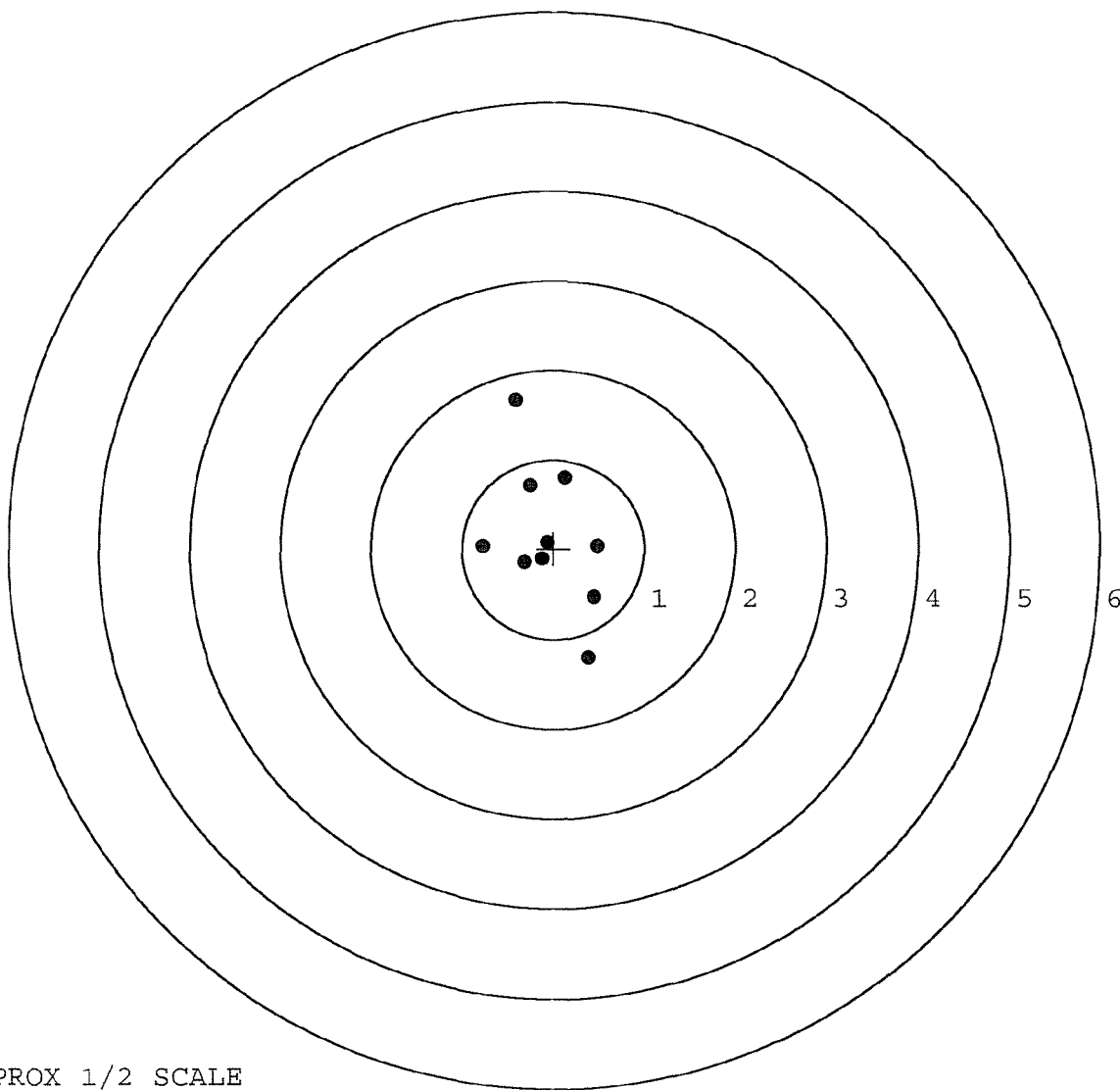
MAX RADIUS: 1.579

MEAN RADIUS: 0.710

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6410261. __3

TARGET NUMBER: 4

FILE DATE: 02/23/2006

FILE TIME: 05:14

POINT#	X	Y
--------	---	---

1:	0.037	-2.108
----	-------	--------

2:	-0.680	-1.964
----	--------	--------

3:	-0.869	-0.742
----	--------	--------

4:	0.685	-0.880
----	-------	--------

5:	0.177	0.122
----	-------	-------

6:	-0.141	-0.087
----	--------	--------

7:	0.385	0.638
----	-------	-------

8:	0.146	0.825
----	-------	-------

9:	-0.351	0.750
----	--------	-------

10:	0.028	-0.006
-----	-------	--------

X CENTROID: -0.058

Y CENTROID: -0.345

POA TO CENTROID: 0.350

HORZ SPREAD: 1.554

VERT SPREAD: 2.933

GROUP SPREAD: 2.935

MIN RADIUS: 0.271

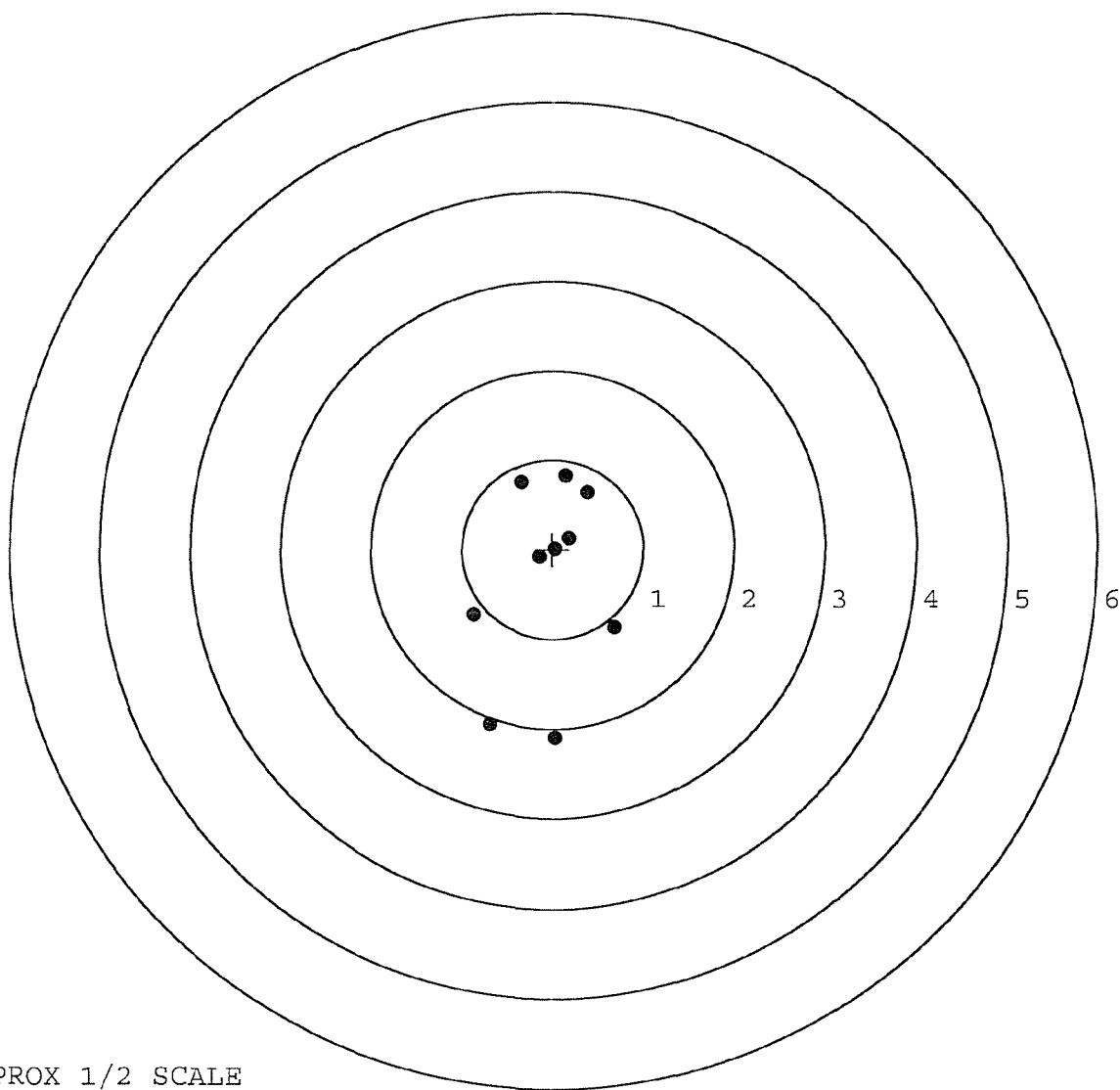
MAX RADIUS: 1.765

MEAN RADIUS: 0.986

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6410261. __3

TARGET NUMBER: 5

FILE DATE: 02/23/2006

FILE TIME: 05:14

POINT#	X	Y
--------	---	---

1:	-0.418	-0.705
----	--------	--------

2:	0.569	-0.516
----	-------	--------

3:	0.082	-0.392
----	-------	--------

4:	-0.146	-0.355
----	--------	--------

5:	-0.612	0.102
----	--------	-------

6:	-0.166	0.402
----	--------	-------

7:	0.381	-0.034
----	-------	--------

8:	0.037	0.016
----	-------	-------

9:	0.253	0.273
----	-------	-------

10:	-0.863	1.141
-----	--------	-------

X CENTROID: -0.088

Y CENTROID: -0.007

POA TO CENTROID: 0.089

HORZ SPREAD: 1.432

VERT SPREAD: 1.846

GROUP SPREAD: 2.190

MIN RADIUS: 0.127

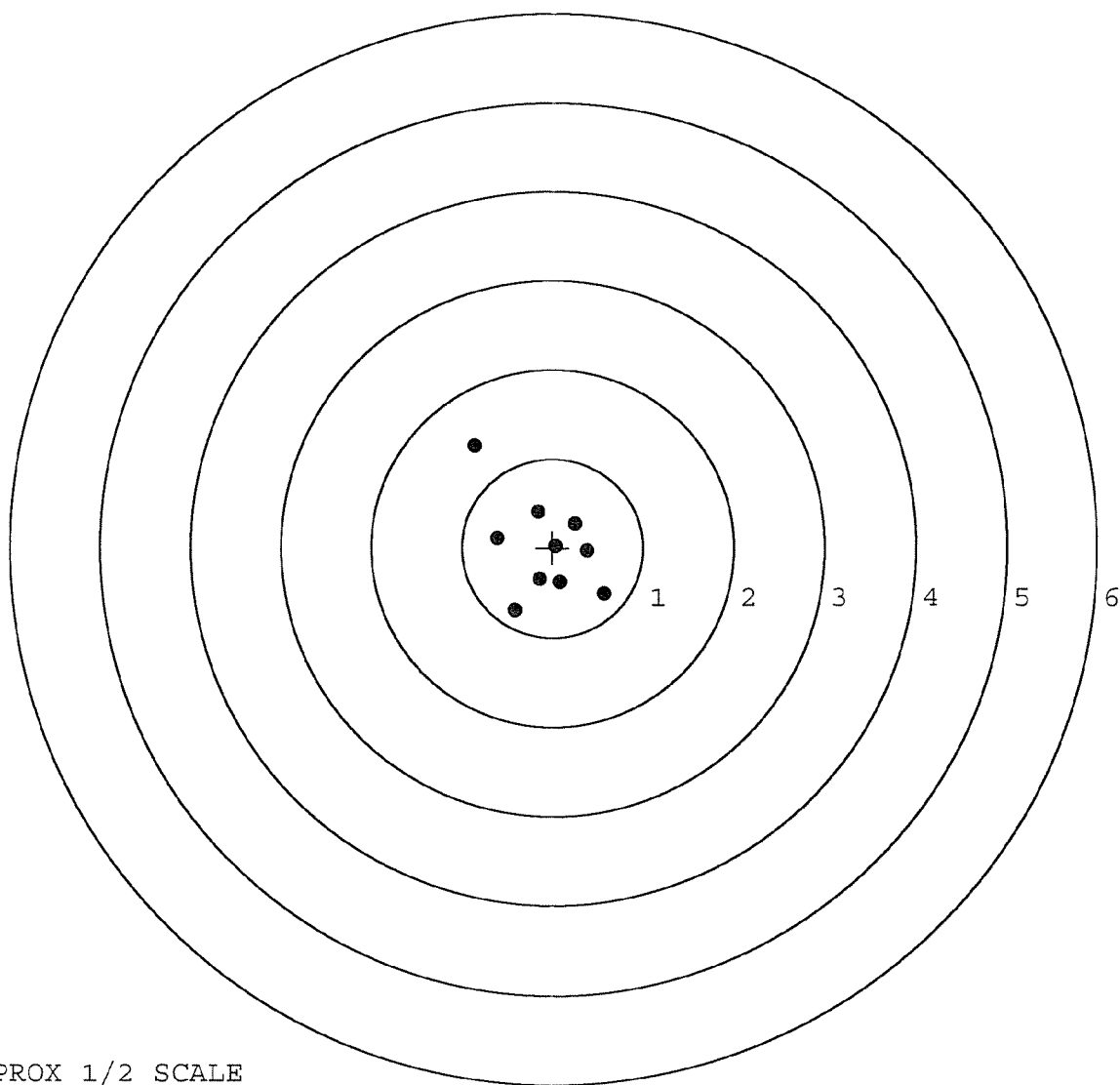
MAX RADIUS: 1.385

MEAN RADIUS: 0.575

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

4354

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

R & E NUMBER	C622 99106		
SERIAL NUMBER	C622 5148	C60461 02101	New
LOG-IN DATE			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8-9-05	RTL
560 A	RE-BARREL		
B	DRILL AND TAP	8-20-06	TRW
575	ASSEMBLE		
600	PROOF		
605	CHECK HEADSPACE		
610	DIS-ASSEMBLE GUN		
2/20/06 612	MAGNAFLUX	8/12/05	unsub
615	ROLLMARK CALIBER 22006 CW	8-15-05	CW
618	ROTO-BLAST	8-17-05	LB
620	APPLY COATINGS 2/24/06 BB	8/17/05	HP
625 A	FINAL ASSEMBLY	2-23-06	RTL
B	TRIGGER PULL TEST		N/A
C	SAFETY "ON" FORCE	2-27-06	AC
D	SAFETY "OFF" FORCE	2-27-06	AC
E	FIRING PIN INDENT	2-27-06	AC
640	TARGET 2-23-06	9-19-05	TRW
655	FINAL INSPECT	2-27-06	AC
660	PACK	4-6-06	DA
		SHIP DATE	
		QAR INSPECTION DATE	

Serial Number: C6225148



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

R & E NUMBER <u>22084</u>			
SERIAL NUMBER <u>C-6225148</u>			
LOG-IN DATE <u>1-31-01</u>			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	<u>2-2-01</u>	<u>CK</u>
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	<u>2/12/01</u>	<u>CK</u>
605	CHECK HEADSPACE	<u>2/12/01</u>	<u>CK</u>
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		
655	FINAL INSPECT	<u>3-13-01</u>	<u>CK</u>
660	PACK	<u>3-15-01</u>	<u>CK</u>
		SHIP DATE	
QAR INSPECTION DATE			

Final Inspection

Sn: C-6225148

DATE REC'D: 1-31-08

DATE RET'D:

Auditor: CK

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:

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225148
16 Mar 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .16
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .135
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .209344

THE AMR FOR THIS RIFLE IS: 1.265

CENTROIDAL DISTANCES

0 TO	1	.309013
1 TO	2	.377922
1 TO	3	.548461
1 TO	4	.218586
1 TO	5	.266008

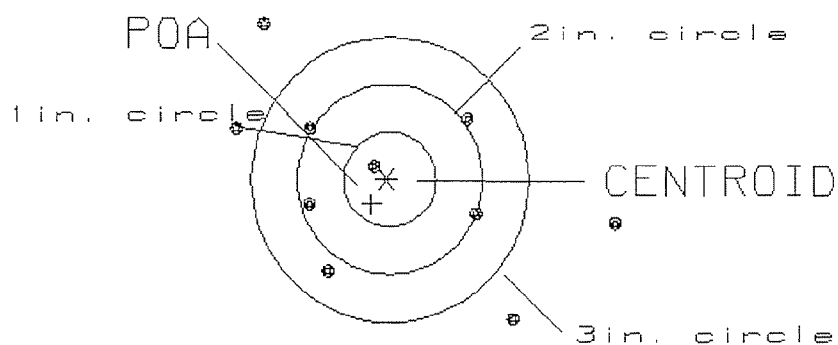
4
1 5
2 <----POA
3

PATTERN #: 1
 POA TO CENTROID: .310
 MIN RADIUS : .268
 MEAN RADIUS : 1.376
 MAX RADIUS : 2.492
 CENTROID X : .167
 CENTROID Y : .260

16 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225148

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 4.07

1

VS= 3.10

2

GS= 4.39

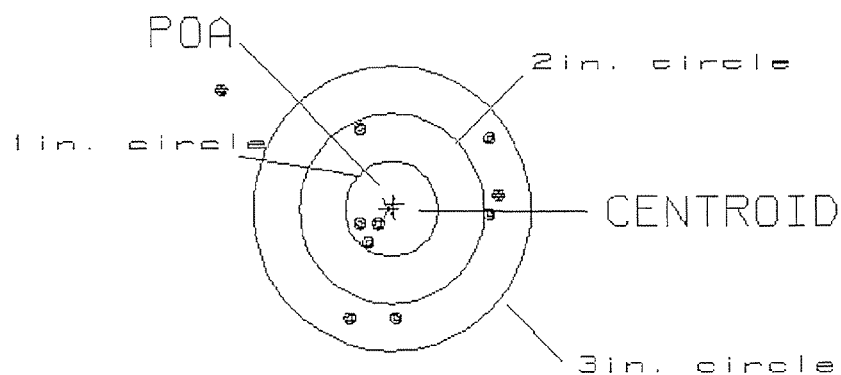
6

PATTERN #: 2
 POA TO CENTROID: .071
 MIN RADIUS : .166
 MEAN RADIUS : .999
 MAX RADIUS : 2.228
 CENTROID X : -.052
 CENTROID Y : -.048

16 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225148

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.96

3

VS= 2.49

4

GS= 3.17

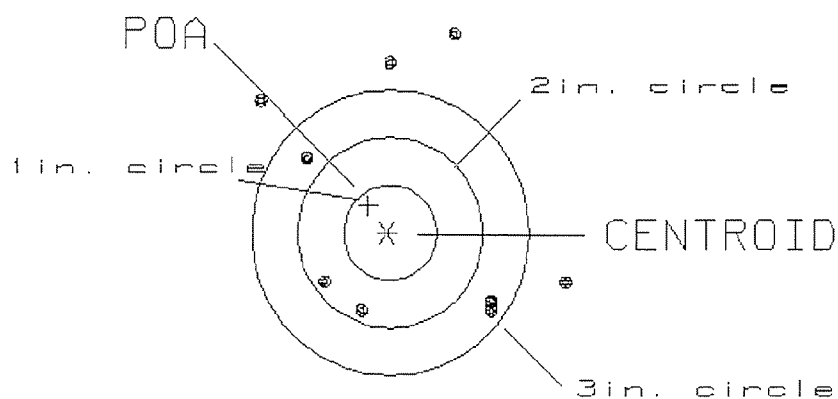
9

PATTERN #: 3
 POA TO CENTROID: .354
 MIN RADIUS : .872
 MEAN RADIUS : 1.636
 MAX RADIUS : 2.998
 CENTROID X : .207
 CENTROID Y : -.287

16 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225148

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.30

0

VS= 4.67

2

GS= 5.14

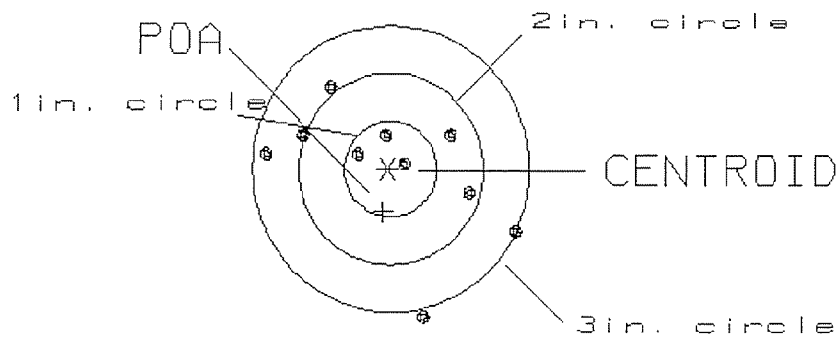
5

PATTERN #: 1 4 1
 POA TO CENTROID: .447
 MIN RADIUS : .196
 MEAN RADIUS : .918
 MAX RADIUS : 1.619
 CENTROID X : .049
 CENTROID Y : .444

16 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225148

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.63

3

VS= 2.48

5

GS= 2.76

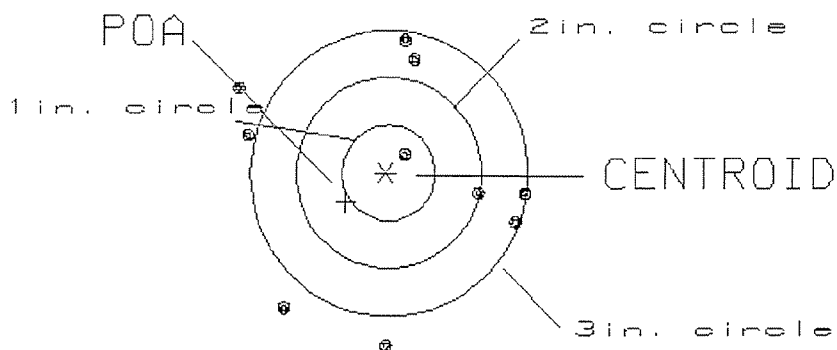
9

PATTERN #: 5
 POA TO CENTROID: .526
 MIN RADIUS : .270
 MEAN RADIUS : 1.394
 MAX RADIUS : 1.852
 CENTROID X : .429
 CENTROID Y : .306

16 Mar 2001

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/c6225148

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.12

1

VS= 3.19

2

GS= 3.32

6

Remington®

MODEL 700™ N24

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

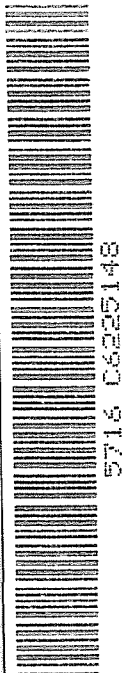
VERY IMPORTANT!
Instruction Book
enclosed to assure
safe use of this
firearm.

REMINGTON-UMC

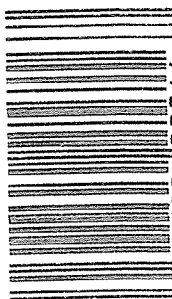
SERIAL NO.
C6225148

ORDER NO.
5716

20



UPC



Date _____

Rear Sight
(Iron Sight)

Base base
~~Material~~

PAY FOR LIFE"

Scope 0453

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225148

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock	9 12 88		FB
600	Proof	9 19 88		RW
607	Check Headspace	9 19 88		RW
610	Dis-assemble gun	9 19 88		RW
612	Magnaflux Barrel Action		9-22-88	P/C.
	Magnaflux Bolt		9-22-88	P/C.
615	Rollmark Caliber		9-26-88	G-S
617	Drill & Tap Sight Holes		10-12-88	FB
618	Polish Barrel		10-12-88	BT
620	Apply Coatings (Barrel Action)		10-31-88	TJA
	Apply Coatings (Bolt)		10-31-88	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		1/10/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/10/89	RW
	C) Inspect Ejector Hole for Chamfer		1/10/89	RW

OVER

OP.#		READINGS	DATE	INITIAL
625	D) Oil Firing Pin Ass'y		1/10/89	RW
cont.	E) Adjust Trigger Pull to Min. Setting and Stake		9 Jan 89	JD
	F) Safety on Force	6 6 5	10 Jan 89	JD
	G) Safety off Force	4 4 4	10 Jan 89	JD
	H) Trigger Pull Test & Retainability		9 Jan 89	JD
	I) Firing Pin Indent	.020 .020 .020	10 Jan 89	JD
	J) Assemble Stock		1/10/89	RW
	K) Attach Front & Rear Sight Assemblies		1/10/89	RW
	L) Iron Sight Alignment		1/10/89	RW
	M) Detach Front & Rear Sights & place in numbered container		1/10/89	RW
	N) Attach Scope to Rifle		16 Jan 89	JD
	O) Detach & Attach Scope 20 times		16 Jan 89	JD
640	Gallery Target & Test	59 R 94 L	1/23/89	DH
	A) Optical Clarity of Scope		1/23/89	DH
645	Inspect for Live Ammo		1/23/89	DH
655	Final Inspection			
	A) Headspace		27 Jan 89	JD
	B) Trigger Pull	238 242 245	248 223	JD
	C) Function		27 Jan 89	JD
	D) Assemble Swivel Studs		27 Jan 89	JD
660	Pack		22 Mar 89	JD

SWS TRIGGER PULL TEST

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

SERIAL NO. 5148
DATE 6/29/90
TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.20	2.30	2.28	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.26	2.36	2.30	
PULL #3	2.28	2.41	2.41	
PULL #4	2.44	2.40	2.32	
PULL #5	2.34	2.42	2.20	
TOTAL	11.52	11.89	11.51	
AVG.	2.304	2.378	2.302	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.46	3.38	
PULL #2	3.39	3.50	
PULL #3	3.41	3.37	
PULL #4	3.40	3.39	
PULL #5	3.43	3.44	
TOTAL	17.09	17.08	
AVG.	3.418	3.416	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.32	4.24		4.34
PULL #2	4.26	4.26		4.19
PULL #3	4.26	4.32		4.12
PULL #4	4.33	4.20		4.16
PULL #5	4.20	4.26		4.16
TOTAL	21.37	21.28		20.81
AVG.	4.274	4.256		4.162

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225148
26 Jan 1989

CENTROIDAL DISTANCES

0 TO	1	.471332
1 TO	2	.616695
1 TO	3	.19892
1 TO	4	.115382
1 TO	5	1.30409

4
+
5

-----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0566
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1356
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .14693

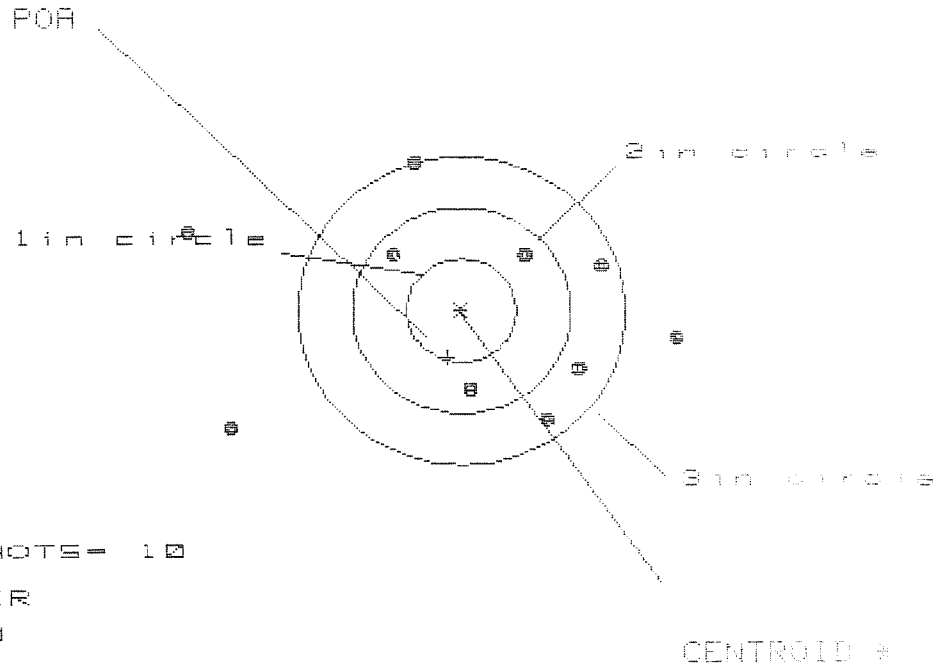
THE AMR FOR THIS RIFLE IS: 1.165

25 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225149

CENTERFIRE PATTERNS

1



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 3

3 in = 7

HS= 4.430

VS= 2.515

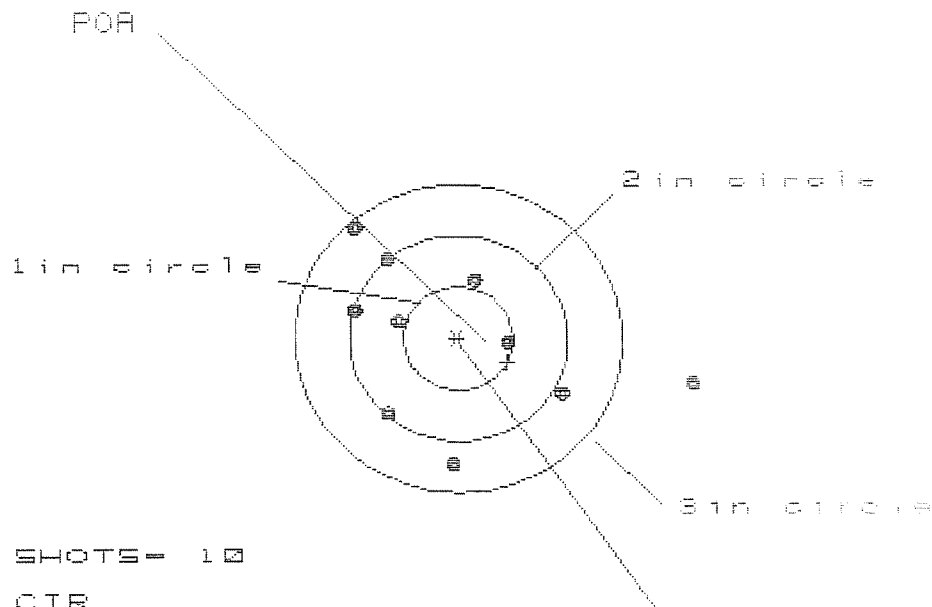
GS= 4.543

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.929	1.651	1.353
MINIMUM X	-2.501	-2.381	-1.216
MAXIMUM Y	1.399	1.486	1.357
MINIMUM Y	-1.116	-1.029	-1.090
CENTROID X	.123	.401	.699
CENTROID Y	.455	.368	.497
POA TO CENTROID in.	.472	.545	.658
MIN RADIUS	.805	.727	.545
MEAN RADIUS	1.468	1.287	1.071
MAX RADIUS	2.621	2.594	1.638
HORIZONTAL SPREAD	4.430	4.032	2.569
VERTICAL SPREAD	2.515	2.515	2.450
EXTREME SPREAD	4.543	4.129	2.863
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	7		

25 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225148

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS = 3.036

VS = 2.286

GS = 3.375

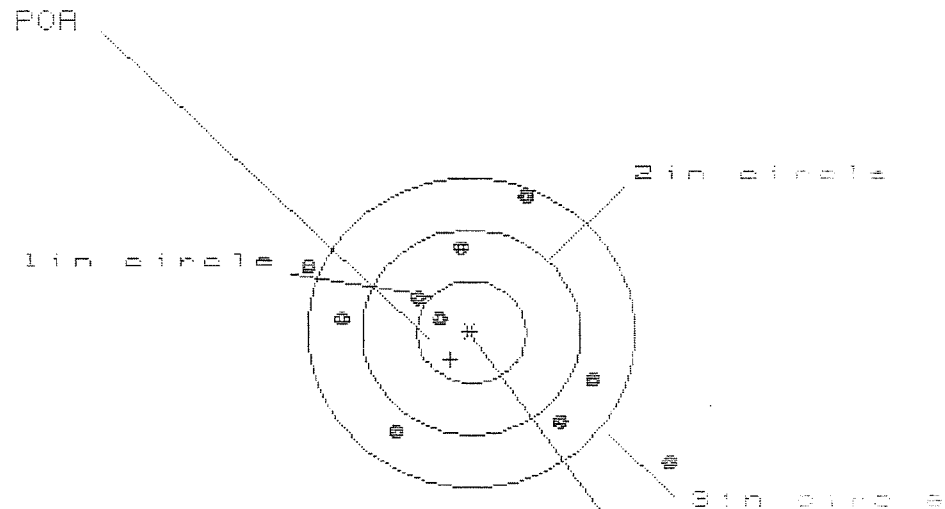
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.115	1.218	1.132
MINIMUM X	:	-.921	-.686	-.768
MAXIMUM Y	:	1.070	1.025	.873
MINIMUM Y	:	-1.216	-1.261	-1.133
CENTROID X	:	-.450	-.685	-.599
CENTROID Y	:	.227	.272	.144
FOR TO CENTROID in.	:	.504	.737	.616
MIN RADIUS	:	.464	.322	.458
MEAN RADIUS	:	1.059	.901	.869
MAX RADIUS	:	2.153	1.365	1.233
HORIZONTAL SPREAD	:	3.036	1.904	1.900
VERTICAL SPREAD	:	2.286	2.286	2.006
EXTREME SPREAD	:	3.375	2.514	2.124
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

25 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225148

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 8

HS= 3.361

VS= 2.525

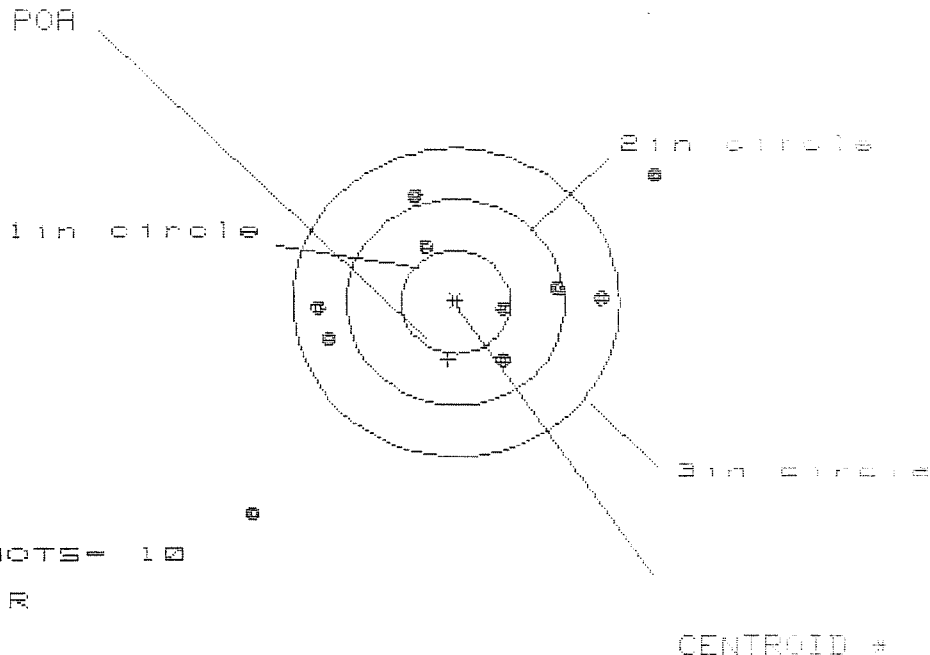
GS= 3.854

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.856	1.314	1.152
MINIMUM X	-1.505	-1.299	-1.142
MAXIMUM Y	1.308	1.172	1.239
MINIMUM Y	-1.217	-1.088	-1.021
CENTROID X	.188	-.018	.144
CENTROID Y	.267	.403	.336
POA TO CENTROID in.	.327	.403	.366
MIN RADIUS	.336	.115	.277
MEAN RADIUS	1.192	1.013	.991
MAX RADIUS	2.220	1.437	1.371
HORIZONTAL SPREAD	3.361	2.613	2.294
VERTICAL SPREAD	2.525	2.260	2.260
EXTREME SPREAD	3.854	2.840	2.597
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	3	
NUMBER IN THREE INCH CIRCLE	=	8	

25 Jan 1985

FILE:/PATTERNING/CENTERFIRE_PATT/C6225140

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS= 3.551

VS= 3.335

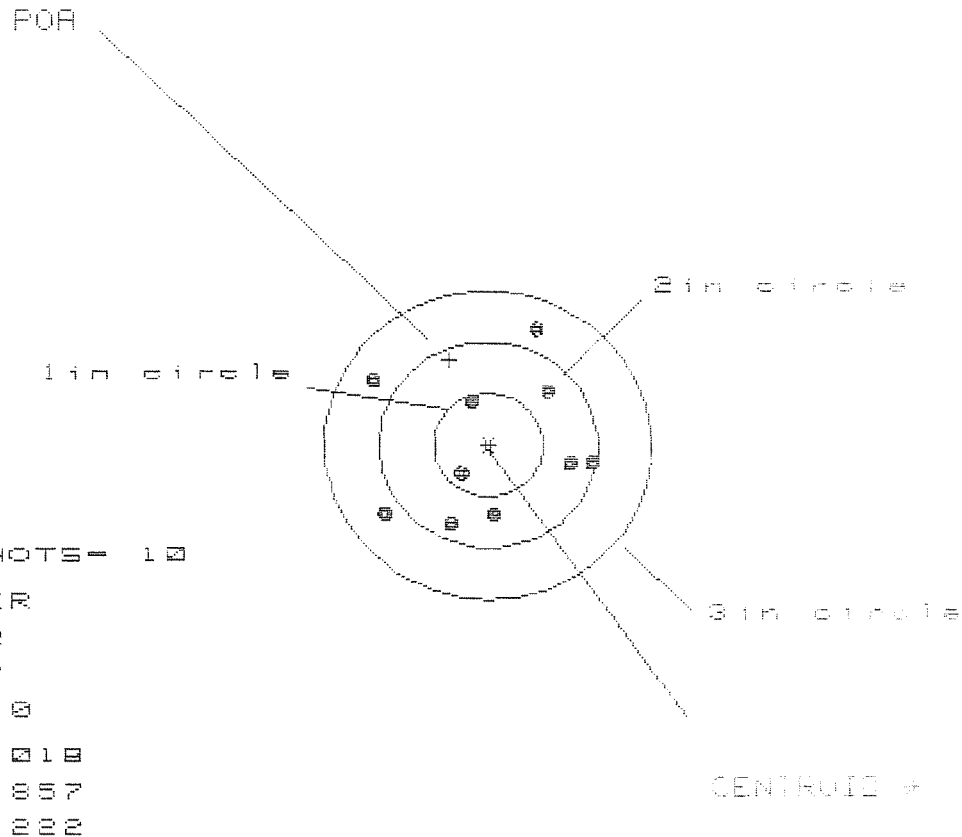
GS= 4.952

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.804	1.598	1.313
MINIMUM X	:	-1.857	-1.491	-1.291
MAXIMUM Y	:	1.254	1.023	.977
MINIMUM Y	:	-2.081	-.774	-.648
CENTROID X	:	.071	.277	.077
CENTROID Y	:	.558	.789	.661
POA TO CENTROID in.	:	.562	.836	.666
MIN RADIUS	:	.451	.369	.467
MEAN RADIUS	:	1.264	1.060	.950
MAX RADIUS	:	2.789	1.897	1.314
HORIZONTAL SPREAD	:	3.661	3.089	2.604
VERTICAL SPREAD	:	3.335	1.797	1.623
EXTREME SPREAD	:	4.952	3.343	2.605
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

25 Jan 1989

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CENTERFIRE PATTERNS # 5



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.941	.822	.858
MINIMUM X	:	-1.077	-1.088	-1.052
MAXIMUM Y	:	1.112	1.183	.756
MINIMUM Y	:	-.745	-.674	-.528
CENTROID X	:	.351	.470	.434
CENTROID Y	:	-.829	-.900	-1.048
POA TO CENTROID in.	:	.900	1.015	1.134
MIN RADIUS	:	.350	.397	.313
MEAN RADIUS	:	.842	.784	.713
MAX RADIUS	:	1.253	1.225	1.131
HORIZONTAL SPREAD	:	2.018	1.910	1.910
VERTICAL SPREAD	:	1.857	1.857	1.282
EXTREME SPREAD	:	2.222	2.222	1.970
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	