

C6348785

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: **RE00087071**

Serial: C6349785 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 10/27/2004 9:31:14 AM

Address Information

Customer:

Received From:

Return To:

Received From:

Name: **ELECTRONIC MAIN SHOP GSC 10TH DIV**

ELECTRONIC MAIN SHOP GSC 10TH DIV

Address 1: **ATTN MSG BARTRON SPC LAUBAUGH**

ATTN MSG BARTRON SPC LAUBAUGH

Address 2: **BLDG 7426 RM 203 BAD TOELZ** PO Box:

BLDG 7426 RM 203 BAD TOELZ PO Box:

City: **FORT CARSON**

FORT CARSON

State: **CO**

Zip Code: **80913**

Country: **US**

State: **CO**

Zip Code: **80913**

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
A017	Scope Base	1
A026	Scope	1
C000	F AND R SGT BASES	1

Repair Search

Refresh

Close

magletj

10/27/2004

12:01 PM

CAPS

NUM

INS

SCPL

start

2

Arms Services

3

2

Serial Number: **C6348785**

Model: **M24 SWS**



RE00087071

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348785.___0
FILE DATE AND TIME: 11/16/2004 07:37

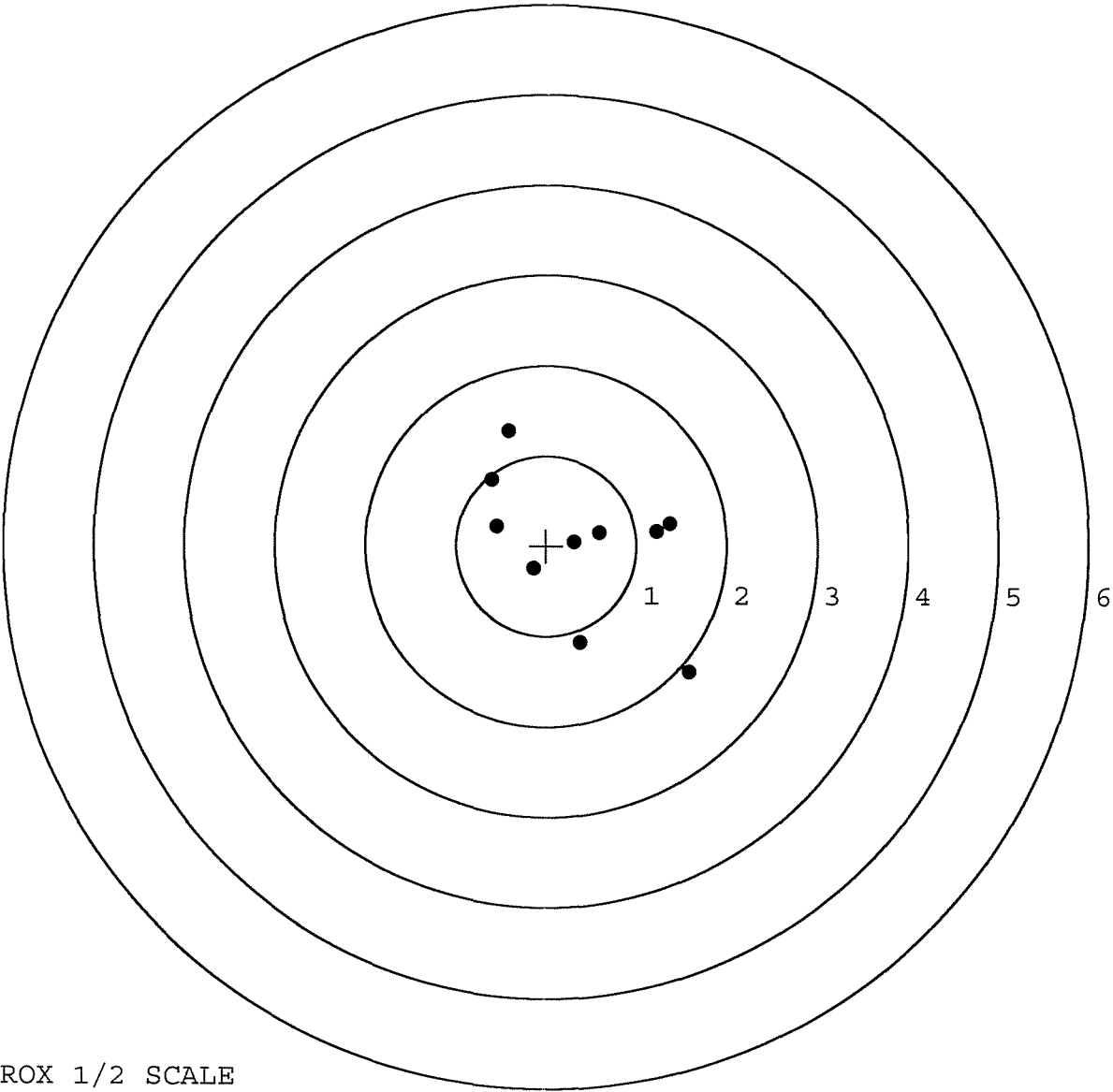
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.134
The Average Y Centroid of the Five Target Set:	0.017
The Average Point of Impact of the Five Target Set:	0.136
The Average Mean Radius of the Five Target Set:	0.717
The Distance from POA to Centroid Target #1:	0.375
The Distance from Centroid Target #2 to Centroid Target #1:	0.383
The Distance from Centroid Target #3 to Centroid Target #1:	0.226
The Distance from Centroid Target #4 to Centroid Target #1:	0.346
The Distance from Centroid Target #5 to Centroid Target #1:	0.315

SERIAL NUMBER: C6348785. __0
TARGET NUMBER: 1
FILE DATE: 11/16/2004
FILE TIME: 07:37

POINT#	X	Y
1:	1.372	0.252
2:	0.590	0.152
3:	0.312	0.041
4:	-0.145	-0.259
5:	-0.552	0.216
6:	-0.607	0.739
7:	-0.421	1.276
8:	1.591	-1.392
9:	0.384	-1.073
10:	1.226	0.161

X CENTROID: 0.375
Y CENTROID: 0.011
POA TO CENTROID: 0.375
HORZ SPREAD: 2.198
VERT SPREAD: 2.668
GROUP SPREAD: 3.342
MIN RADIUS: 0.070
MAX RADIUS: 1.857
MEAN RADIUS: 0.941
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9

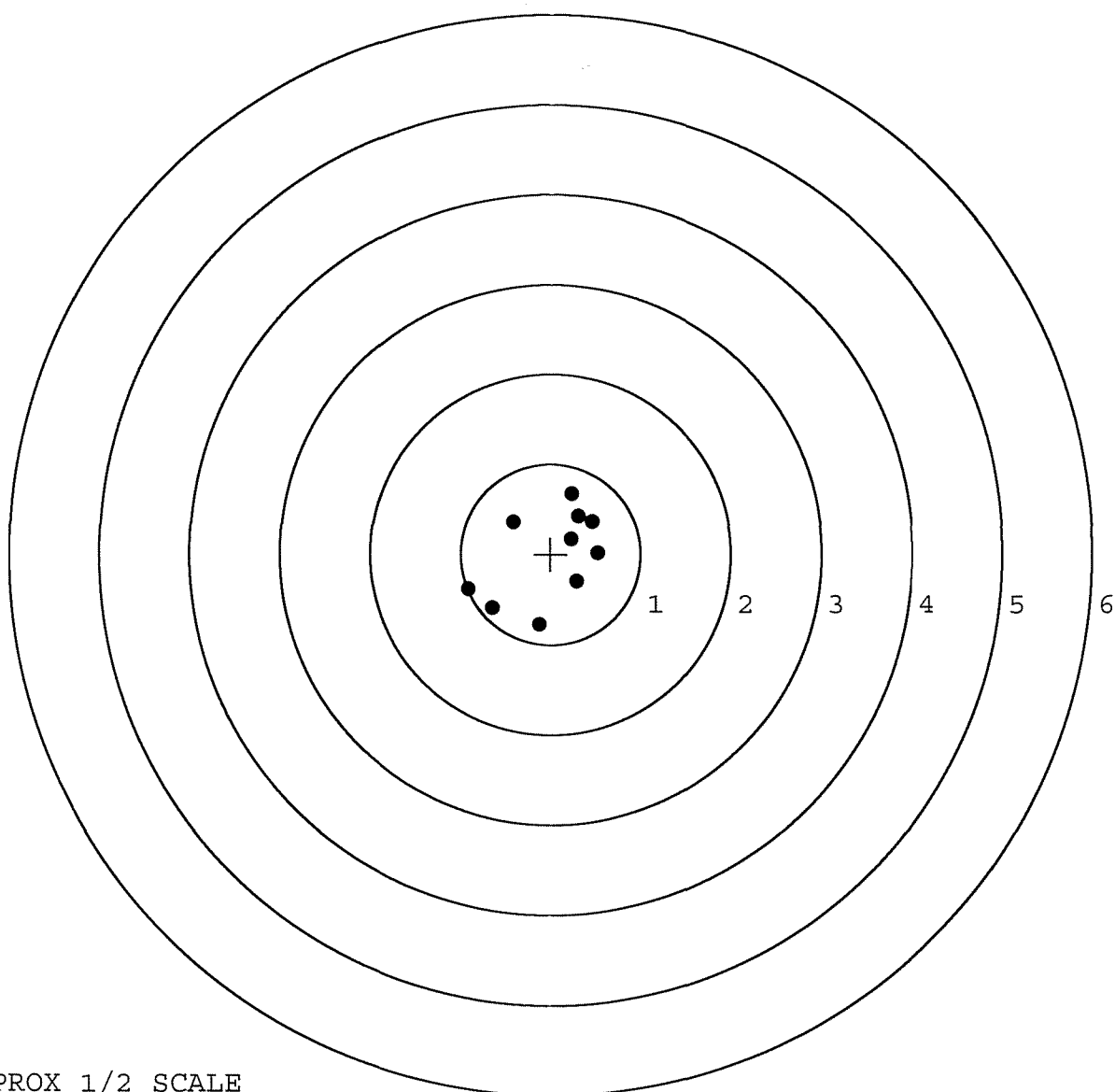


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348785. __0
TARGET NUMBER: 2
FILE DATE: 11/16/2004
FILE TIME: 07:37

X CENTROID: -0.008
Y CENTROID: -0.008
POA TO CENTROID: 0.011
HORZ SPREAD: 1.441
VERT SPREAD: 1.457
GROUP SPREAD: 1.570
MIN RADIUS: 0.300
MAX RADIUS: 0.987
MEAN RADIUS: 0.630
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.426	0.355
2:	-0.917	-0.391
3:	-0.648	-0.596
4:	-0.132	-0.786
5:	0.293	-0.304
6:	0.524	0.015
7:	0.233	0.172
8:	0.231	0.671
9:	0.459	0.364
10:	0.306	0.423

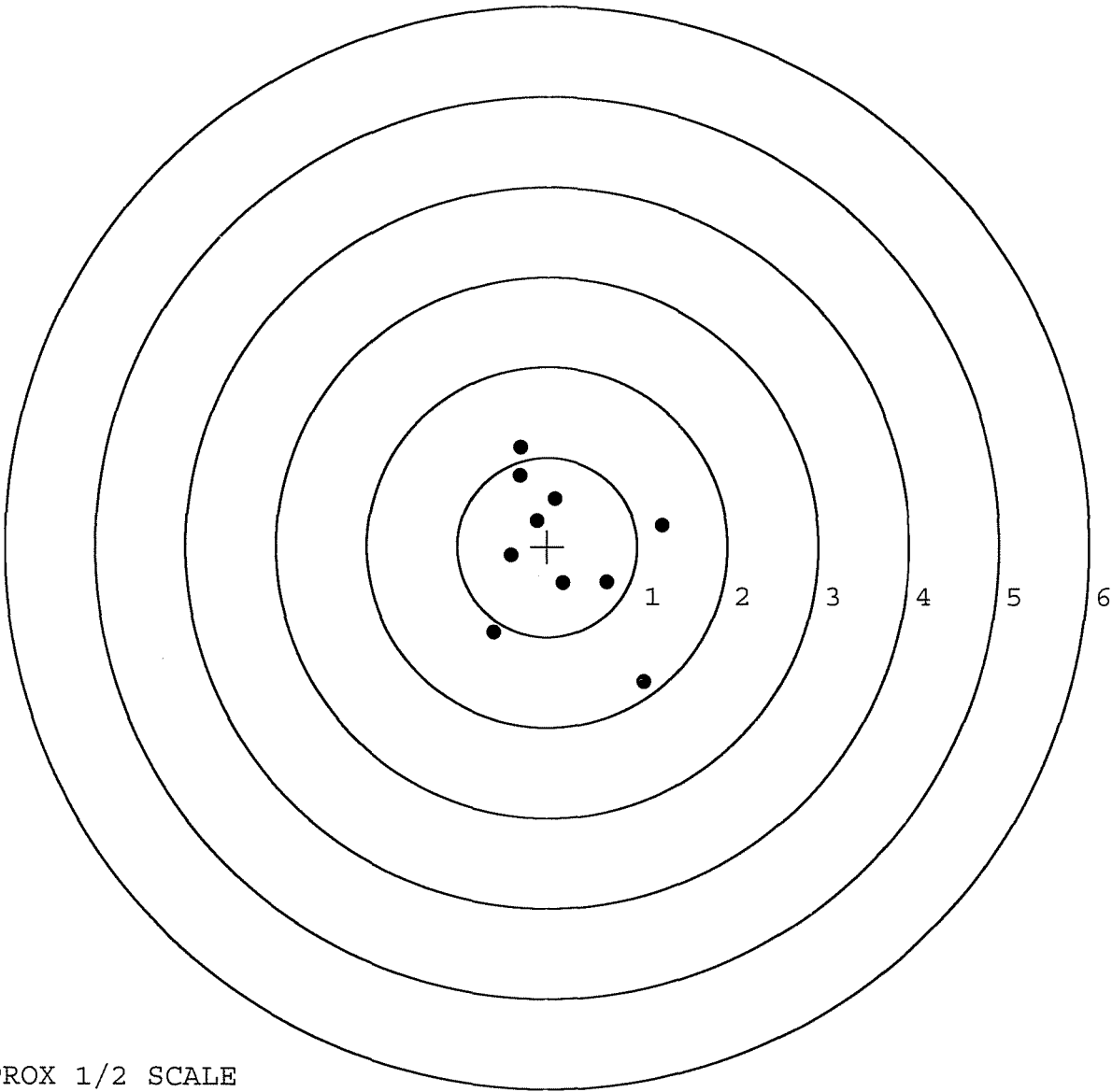


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348785. 0
TARGET NUMBER: 3
FILE DATE: 11/16/2004
FILE TIME: 07:37

POINT#	X	Y
1:	-0.302	1.112
2:	-0.310	0.797
3:	0.084	0.539
4:	-0.116	0.290
5:	-0.405	-0.106
6:	-0.592	-0.959
7:	0.175	-0.413
8:	0.662	-0.398
9:	1.276	0.242
10:	1.077	-1.495

X CENTROID: 0.155
Y CENTROID: -0.039
POA TO CENTROID: 0.160
HORZ SPREAD: 1.868
VERT SPREAD: 2.607
GROUP SPREAD: 2.949
MIN RADIUS: 0.374
MAX RADIUS: 1.723
MEAN RADIUS: 0.883
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

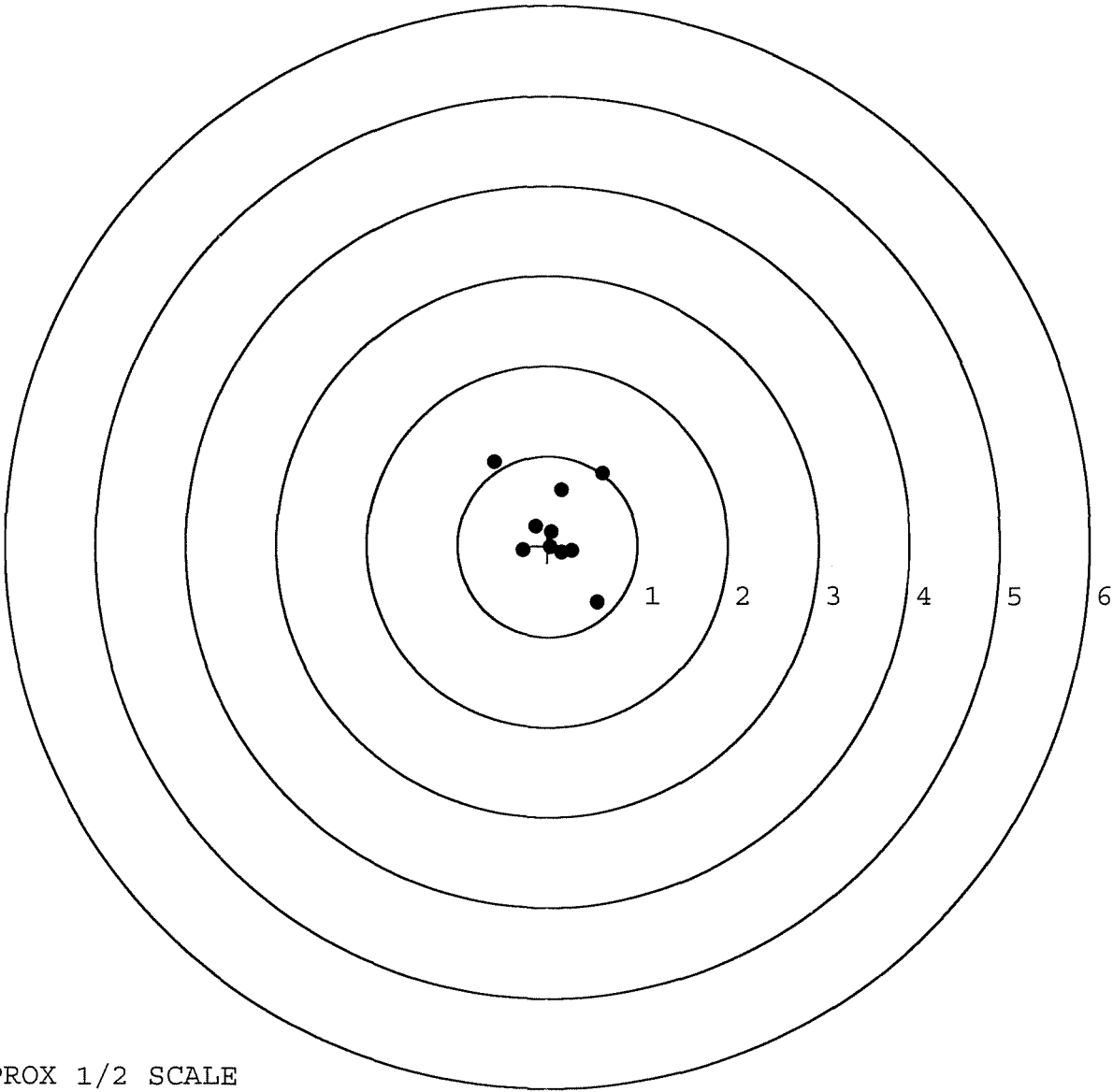


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348785. __0
TARGET NUMBER: 4
FILE DATE: 11/16/2004
FILE TIME: 07:37

POINT#	X	Y
1:	0.606	0.809
2:	0.150	0.624
3:	-0.595	0.929
4:	0.553	-0.621
5:	0.267	-0.059
6:	-0.275	-0.050
7:	-0.138	0.217
8:	0.045	0.160
9:	0.030	-0.017
10:	0.158	-0.076

X CENTROID: 0.080
Y CENTROID: 0.192
POA TO CENTROID: 0.208
HORZ SPREAD: 1.201
VERT SPREAD: 1.550
GROUP SPREAD: 1.929
MIN RADIUS: 0.047
MAX RADIUS: 1.000
MEAN RADIUS: 0.469
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348785. __0

TARGET NUMBER: 5

FILE DATE: 11/16/2004

FILE TIME: 07:37

X CENTROID: 0.070

Y CENTROID: -0.069

POA TO CENTROID: 0.099

HORZ SPREAD: 1.416

VERT SPREAD: 1.788

GROUP SPREAD: 1.923

MIN RADIUS: 0.212

MAX RADIUS: 1.031

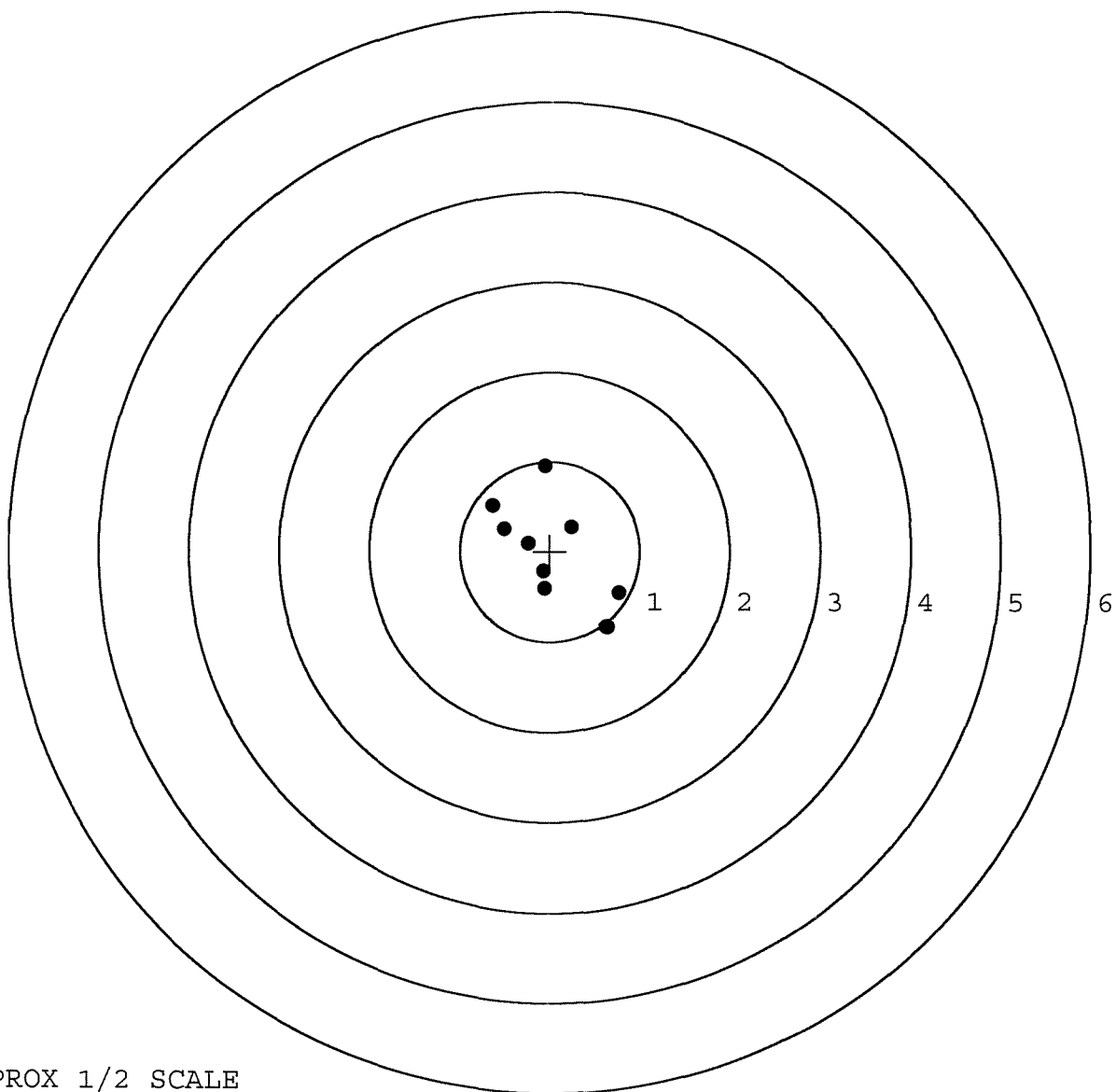
MEAN RADIUS: 0.663

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.061	0.953
2:	-0.644	0.507
3:	-0.509	0.248
4:	0.772	-0.456
5:	0.648	-0.835
6:	0.631	-0.829
7:	-0.062	-0.414
8:	0.245	0.269
9:	-0.244	0.089
10:	-0.075	-0.224



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	87071		
SERIAL NUMBER	C-6348785		
LOG-IN DATE	10-27-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-30-04	DA
560 A	RE-BARREL	11-2-04	RTZ
B	DRILL AND TAP	11-4-04	TRW
575	ASSEMBLE	11-2-04	RTZ
600	PROOF	11-3-04	RTZ
605	CHECK HEADSPACE	11-3-04	RTZ
610	DIS-ASSEMBLE GUN	11-4-04	RTZ
612	MAGNAFLUX	OPERATOR	AB
615	ROLLMARK CALIBER	11/5/04	LB
618	ROTO-BLAST	11-6-04	HP
620	APPLY COATINGS	11/9	RTZ
625 A	FINAL ASSEMBLY	11-15-04	RTZ
B	TRIGGER PULL TEST	N/A	N/A
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-16-04	AC
655	FINAL INSPECT	11-17-04	AC
660	PACK	11-17-04	DA
		SHIP DATE	
		QAR INSPECTION DATE	

GUN SERIAL # C6348785

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	89	RW
600	Proof	9 26	89	RW
607	Check Headspace	9 26	89	RW
610	Dis-assemble Gun	9 26	89	RW
612	Magnaflux Barrel Action	9/29/89		KCR
	Magnaflux Bolt	9/29/89		KCR
615	Rollmark Caliber	9/29/89		LS
7	Drill and Tap Sight Holes	9 29	89	LB
618	Polish Barrel RB	9 29	89	B+
620	Apply Coatings (Barrel Action)		10-11-89	TA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		10/12/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/12/89	RW
	C) Inspect Ejector Hole for Chamfer		10/12/89	RW
	D) Oil Firing Pin Ass'y		10/12/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		27 Oct 89	QSS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			10/27/89	JS
	G) Safety Off Force	4	4	4			10/27/89	JS
	H) Trigger Pull Test & Retainability						27/10/89	JS
	I) Firing Pin Indent	1021	10215	1022			10/27/89	JS
	J) Assemble Stock						10/30/89	RW
	K) Assemble Swivel Studs						6/10/89	JS
	L) Attach Front and Rear Sight Assemblies						10/30/89	RW
	M) Iron Sight Alignment						10/30/89	RW
	N) Detach Front & Rear Sights & place in numbered container						10/30/89	RW
	O) Attach Scope to Rifle						10/30/89	JS
	P) Detach & Attach Scope 20 Times						10/30/89	JS
640	Gallery Target & Test						10-31-89	AC
	A) Time						10-31-89	AC
	B) Malfunctions						10-31-89	AC
	C) Pierced Primers						10-31-89	AC
	D) Optical Clarity of Scope						10-31-89	AC
645	Inspect for Live Ammo						10-31-89	AC
655	Final Inspection						6/10/89	JS
	A) Headspace						6/10/89	JS
	B) Trigger Pull	246	248	246	246	251	6/10/89	JS
	C) Function						6/10/89	JS
660	Pack						14/Dec/89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. 8785

DATE 22 Mar 90

TESTER JES

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	219	212	217	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	217	211	219	
PULL #3	216	211	220	
PULL #4	210	211	217	
PULL #5	209	211	216	
TOTAL	1071	1056		
AVG.	214.2	211.2		

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.02	2.96	
PULL #2	2.97	2.97	
PULL #3	2.97	2.96	
PULL #4	2.97	2.93	
PULL #5	2.95	2.97	
TOTAL	14.88	14.79	
AVG.	2.976	2.959	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	3.92	3.91		
PULL #2	3.91	3.90		
PULL #3	3.91	3.95		
PULL #4	3.90	3.93		
PULL #5	3.89	3.95		
TOTAL	19.53	19.64		
AVG.	3.906	3.928		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348785
31 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.366005
1 TO	2	.551813
1 TO	3	.631862
1 TO	4	.547644
1 TO	5	.275264

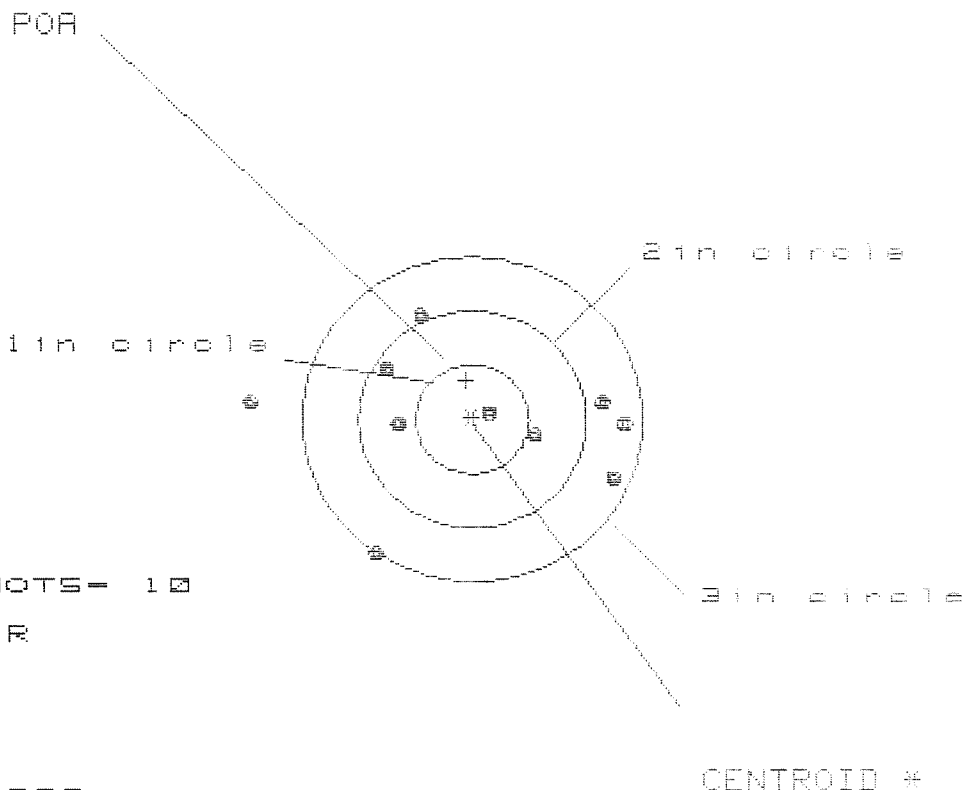
$\frac{4^2 + 5^2}{2 \cdot 15}$ (----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1392
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.174
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .222829
THE AMR FOR THIS RIFLE IS: .9052

31 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08346785

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS= 3.265

VS= 2.170

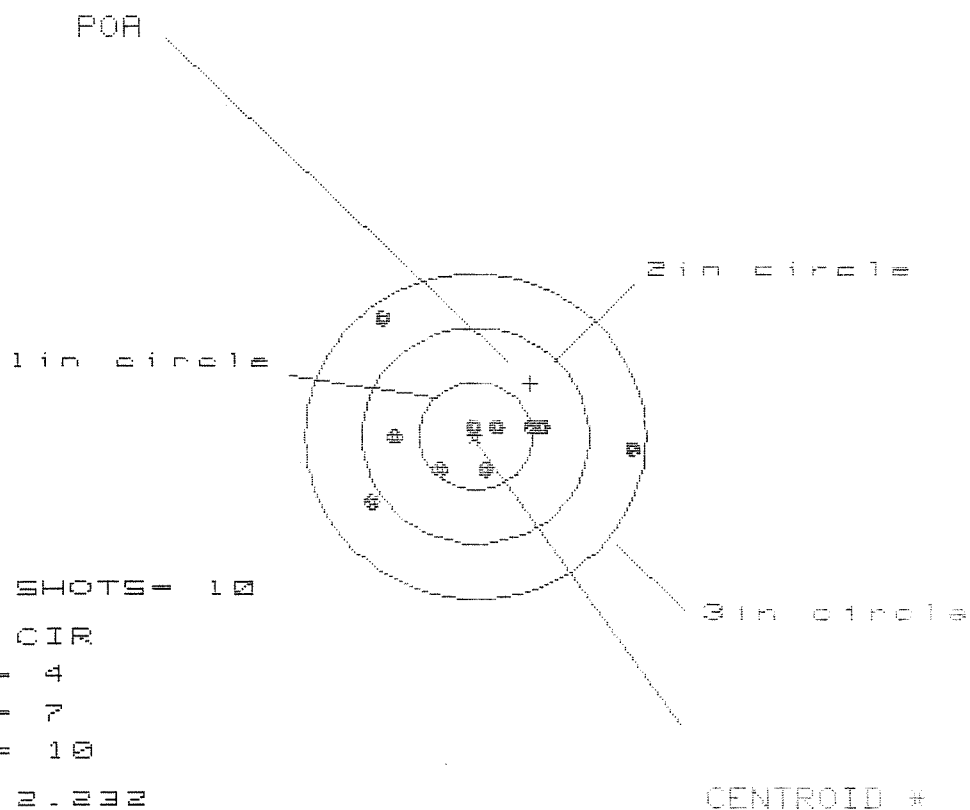
GS= 3.272

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.347	1.134	1.004
MINIMUM X	:	-1.918	-1.041	-1.057
MAXIMUM Y	:	.960	.980	.831
MINIMUM Y	:	-1.210	-1.190	-.641
CENTROID X	:	.054	.267	.397
CENTROID Y	:	-.362	-.382	-.233
POR TO CENTROID in.	:	.366	.466	.461
MIN RADIUS	:	.202	.105	.165
MEAN RADIUS	:	1.058	.930	.833
MAX RADIUS	:	1.926	1.581	1.135
HORIZONTAL SPREAD	:	3.265	2.175	2.061
VERTICAL SPREAD	:	2.170	2.170	1.472
EXTREME SPREAD	:	3.272	2.472	2.211
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	9		

31 Oct 1985

FILE:/PATTERNING/CENTERFIRE_PATT/08348785

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 7

3 in = 10

HS= 2.232

VS= 1.667

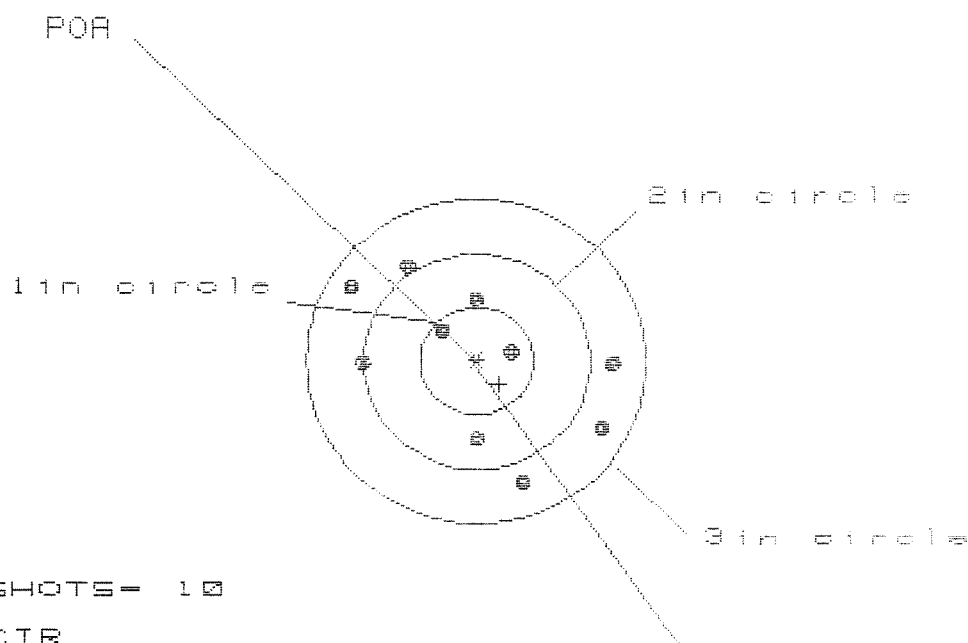
GS= 2.424

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.354	.719	.641
MINIMUM X	:	-.878	-.727	-.805
MAXIMUM Y	:	1.046	1.034	.239
MINIMUM Y	:	-.621	-.633	-.504
CENTROID X	:	-.483	-.634	-.556
CENTROID Y	:	-.489	-.477	-.606
POA TO CENTROID in.	:	.688	.793	.822
MIN RADIUS	:	.061	.149	.188
MEAN RADIUS	:	.663	.600	.500
MAX RADIUS	:	1.359	1.208	.950
HORIZONTAL SPREAD	:	2.232	1.446	1.446
VERTICAL SPREAD	:	1.667	1.667	.743
EXTREME SPREAD	:	2.424	1.670	1.603
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

31 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08348785

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 2.236

VS= 2.021

GS= 2.501

CENTROID #

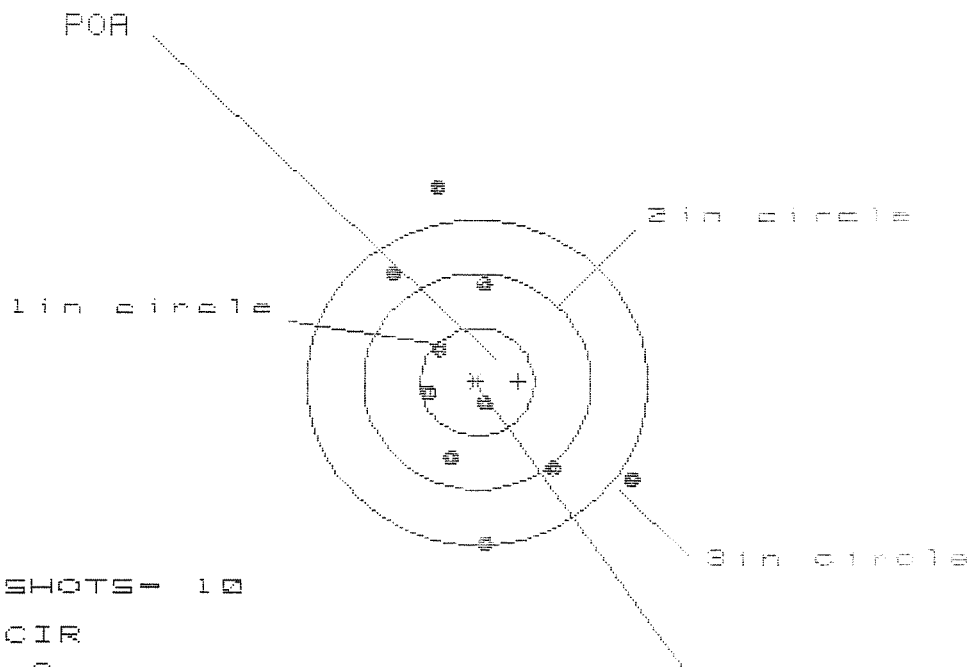
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.160	1.040	1.158
MINIMUM X	:	-1.076	-1.080	-.962
MAXIMUM Y	:	.899	.972	.900
MINIMUM Y	:	-1.122	-1.049	-1.121
CENTROID X	:	-.199	-.079	-.197
CENTROID Y	:	.217	.144	.216
POA TO CENTROID in.	:	.294	.164	.292
MIN RADIUS	:	.304	.222	.303
MEAN RADIUS	:	.890	.843	.800
MAX RADIUS	:	1.260	1.214	1.175
HORIZONTAL SPREAD	:	2.236	2.120	2.120
VERTICAL SPREAD	:	2.021	2.021	2.021
EXTREME SPREAD	:	2.501	2.273	2.238
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

31 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348785

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 8

HS= 2.085

VS= 3.242

GS= 3.266

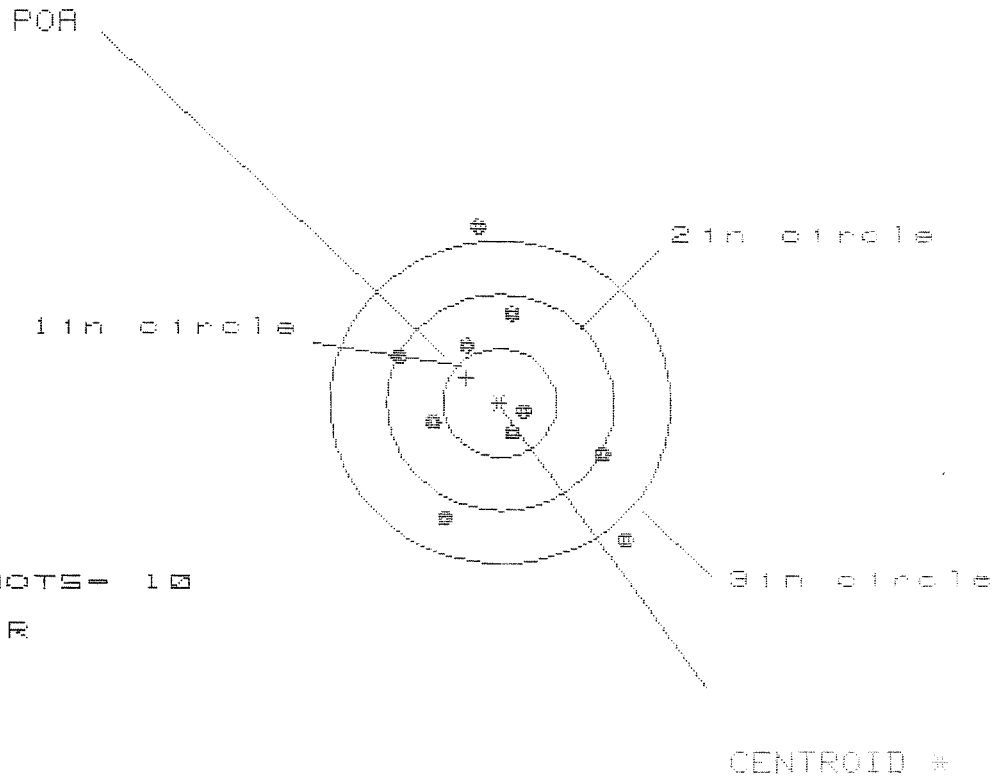
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.347	1.311	.766
MINIMUM X	:	-.738	-.774	-.610
MAXIMUM Y	:	1.773	1.228	1.145
MINIMUM Y	:	-1.469	-1.272	-1.355
CENTROID X	:	-.363	-.327	-.491
CENTROID Y	:	-.007	-.204	-.121
POA TO CENTROID in.	:	.363	.386	.506
MIN RADIUS	:	.154	.048	.170
MEAN RADIUS	:	.998	.890	.799
MAX RADIUS	:	1.802	1.470	1.370
HORIZONTAL SPREAD	:	2.085	2.085	1.376
VERTICAL SPREAD	:	3.242	2.500	2.500
EXTREME SPREAD	:	3.266	2.815	2.629
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

31 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C83487B5

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.053

VS= 2.877

GS= 3.158

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.153	1.053	1.050
MINIMUM X	:	-.910	-.782	-.785
MAXIMUM Y	:	1.619	1.479	.824
MINIMUM Y	:	-1.258	-1.217	-1.032
CENTROID X	:	.295	.167	.170
CENTROID Y	:	-.229	-.089	-.274
POA TO CENTROID in.	:	.373	.189	.322
MIN RADIUS	:	.248	.412	.310
MEAN RADIUS	:	.917	.825	.729
MAX RADIUS	:	1.706	1.479	1.148
HORIZONTAL SPREAD	:	2.063	1.835	1.835
VERTICAL SPREAD	:	2.877	2.696	1.856
EXTREME SPREAD	:	3.158	2.724	2.046
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

Remington®



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

MODEL 700™ H24

SERIAL NO.

C6348785

ORDER NO.

5716

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

01



5716 C6348785

UPC



0 47700 25716 7

Arms Services Repair - CSR Tools - Reports - Tabs Maintenance - System Maintenance - Help

Repair Number: **RE00015073** Serial: C6348785 Model 700 Center Fire Caliber: 7.62 NATO M24 SWS WOG 2 QF 2 Repairman: Status: New 10/6/00 2:51:51 PM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **GSC 10TH SFG A** **GSC 10TH SFG A**

Address 1: Address 2: PO Box: PO Box:

City: **FORT CARSON** **FORT CARSON**

State: **CO** Zip Code: **80913** Country: **US** State: **CO** Zip Code: **80913** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing												
Contact Information: Phone: 719 524 3199 Fax: Email: Comments:	Received Condition: 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 Studs</td> <td>3</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> </tbody> </table>	Code	Desc	Qty	A007	With Studs	3	A017	Scope Base	1	A026	Scope	1		
Code	Desc	Qty														
A007	With Studs	3														
A017	Scope Base	1														
A026	Scope	1														

Repair Search Refresh Close

haglet 10/9/00 8:39 AM NUM

Start Inbox - Microsoft Exc. Microsoft Excel Nagle, Thomas J. - S Arms Services Repair 8:39 AM

Serial Number: **C6348785**

Model: **700**



RE00015073

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

R & E NUMBER	<u>15073</u>		
SERIAL NUMBER	<u>06348785</u>		
LOG-IN DATE	<u>10-9-00</u>		

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-12-00	CK
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	10-13-00	CK
605	CHECK HEADSPACE	10-13-00	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	10-24-00	CK
655	FINAL INSPECT	11-3-00	CK
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

Final Inspection

SN: C6348785

DATE REC'D: 10-9-00

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

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:

MISC.

☐ DD-250

☐ BAR CODE

☐ PACKAGING

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6348785
22 Nov 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1106
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .079
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .135917

THE AMR FOR THIS RIFLE IS: .952

CENTROIDAL DISTANCES

0	TO	1	.341321
1	TO	2	.0994636
1	TO	3	.345845
1	TO	4	.297321
1	TO	5	.378338

5 21
+4 <----POA
3

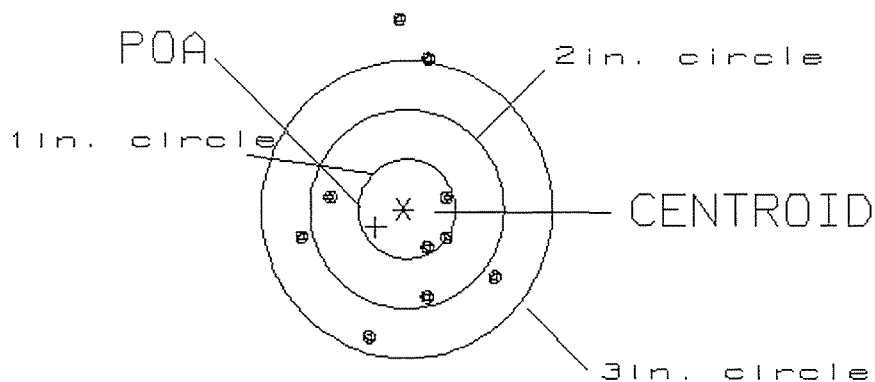
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .342
 MIN RADIUS : .369
 MEAN RADIUS : 1.005
 MAX RADIUS : 1.937
 CENTROID X : .290
 CENTROID Y : .180

22 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348785.1.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.01
 VS= 3.22
 GS= 3.23

3
 5
 8

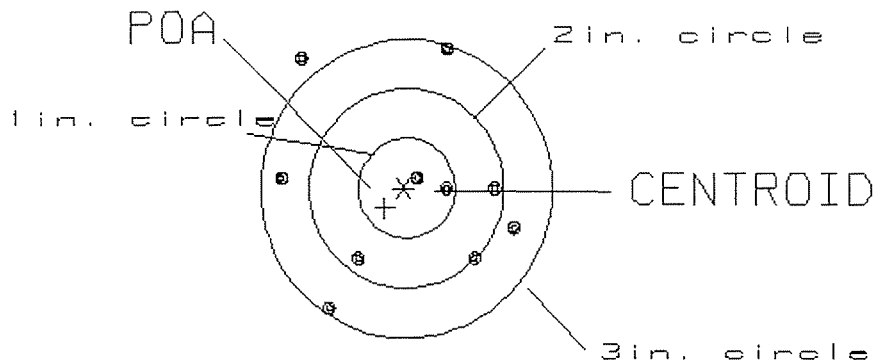
PATTERN #: ☐ 2 ☐

POA TO CENTROID: .274
 MIN RADIUS : .136
 MEAN RADIUS : 1.035
 MAX RADIUS : 1.688
 CENTROID X : .192
 CENTROID Y : .197

22 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348785.1.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.38
 VS= 2.57
 GS= 2.84

2
 5
 9

PATTERN #: ☐ 3 ☐

POA TO CENTROID: .132

MIN RADIUS : .156

MEAN RADIUS : .904

MAX RADIUS : 1.714

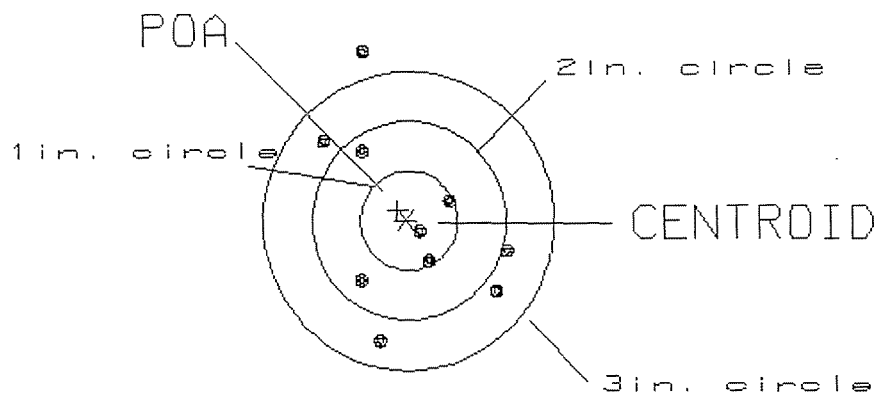
CENTROID X : .087

CENTROID Y : -.100

22 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348785.1.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 1.93

2

VS= 2.83

5

GS= 2.83

9

PATTERN #: ☐ 4 ☐

POA TO CENTROID: .072

MIN RADIUS : .300

MEAN RADIUS : .880

MAX RADIUS : 1.478

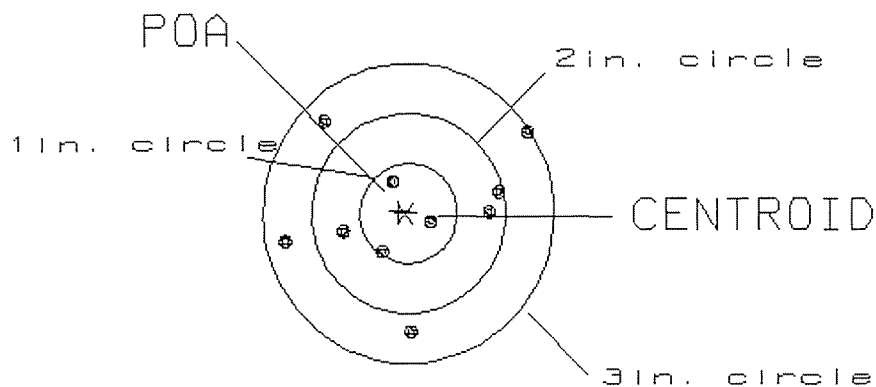
CENTROID X : .070

CENTROID Y : -.020

22 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348785.1.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.50

3

VS= 2.08

6

GS= 2.74

10

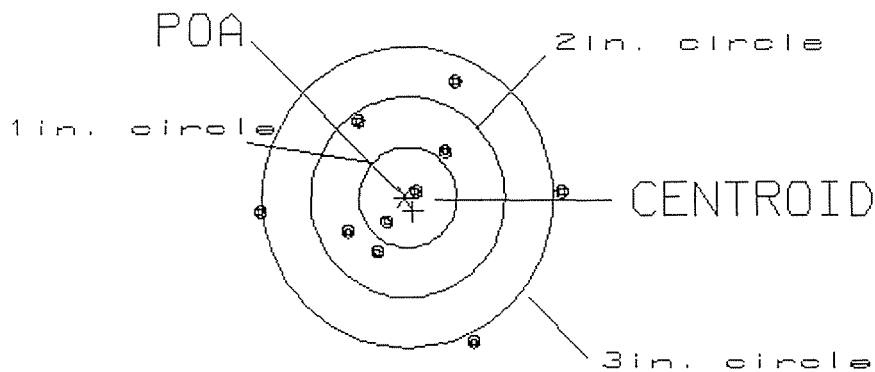
PATTERN #: ☐ 5 ☐

POA TO CENTROID: .163
 MIN RADIUS : .162
 MEAN RADIUS : .936
 MAX RADIUS : 1.581
 CENTROID X : -.086
 CENTROID Y : .138

22 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348785.1.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.10
 VS= 2.62
 GS= 3.10

2
 6
 7

Rensington Test Lab, Ilion, N.Y.

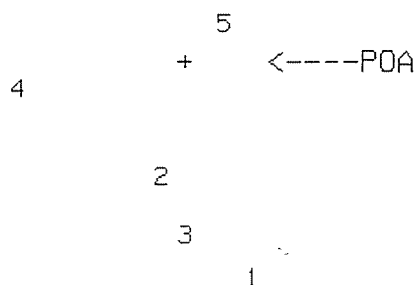
Centroidal distance calculations for Rifle # c6348785
20 Nov 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.113
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.6334
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .643401

THE AMR FOR THIS RIFLE IS: 1.65

CENTROIDAL DISTANCES

0 TO	1	1.45213
1 TO	2	.873894
1 TO	3	.508273
1 TO	4	1.9414
1 TO	5	1.64268

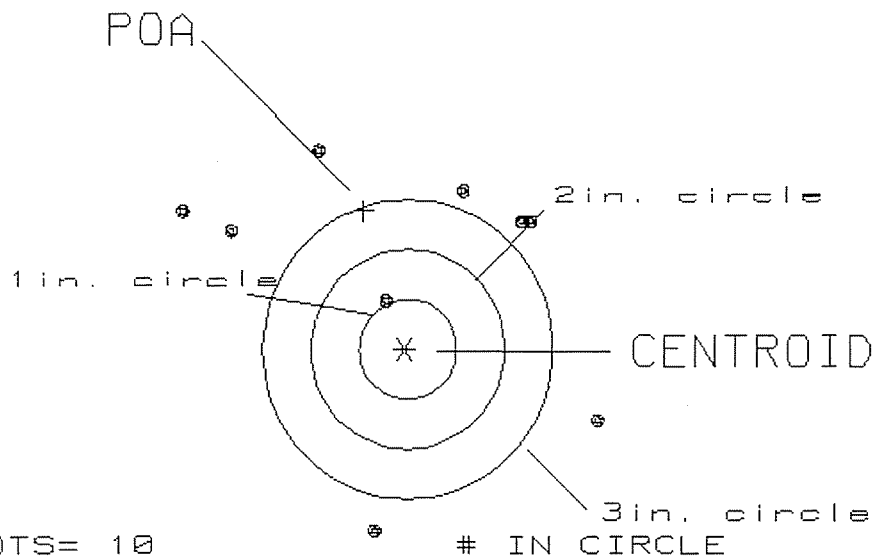


PATTERN #: ☐ 1 ☐
 POA TO CENTROID: 1.452
 MIN RADIUS : .511
 MEAN RADIUS : 2.344
 MAX RADIUS : 6.691
 CENTROID X : .430
 CENTROID Y : -1.387

20 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348785.1

CENTERFIRE PATTERN # 1



HS= 4.27
 VS= 8.67
 GS= 8.80

0
 1
 1

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .752

MIN RADIUS : .127

MEAN RADIUS : 1.461

MAX RADIUS : 4.607

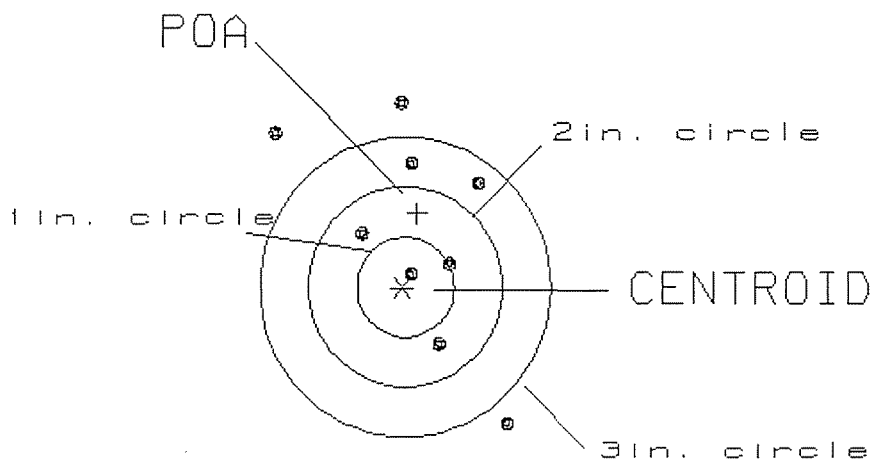
CENTROID X : -.153

CENTROID Y : -.736

20 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348785.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.35

2

VS= 6.36

4

GS= 6.41

6

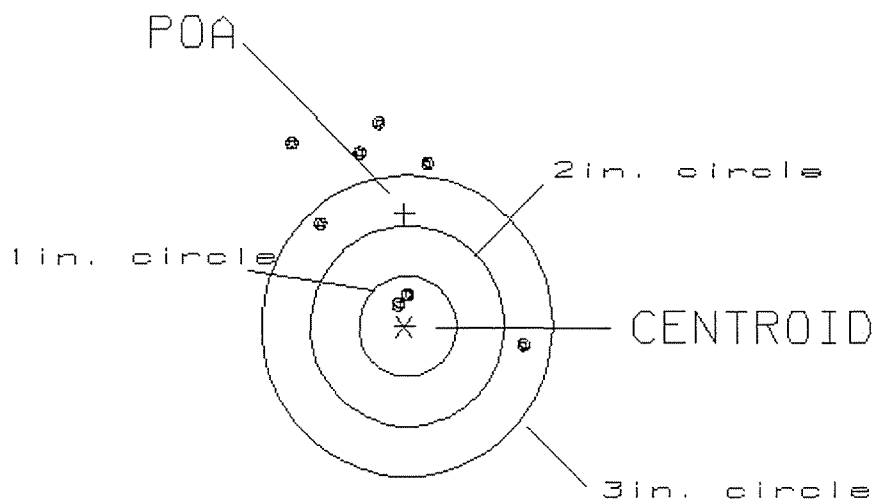
PATTERN #: ☐ 3 ☐

POA TO CENTROID: 1.116
 MIN RADIUS : .298
 MEAN RADIUS : 1.802
 MAX RADIUS : 3.100
 CENTROID X : -0.000
 CENTROID Y : -1.116

20 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348785.1

CENTERFIRE PATTERN # 3



OF SHOTS= 11

IN CIRCLE

HS= 2.82
 VS= 4.94
 GS= 5.25

2
 2
 4

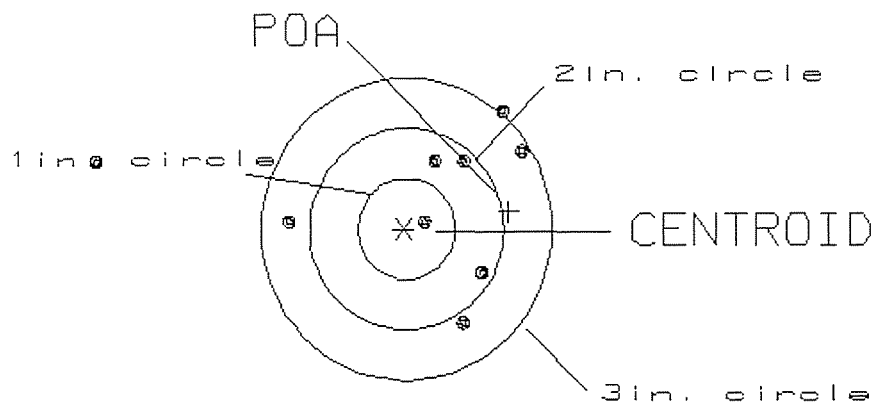
PATTERN #: 4

POA TO CENTROID: 1.098
 MIN RADIUS : .252
 MEAN RADIUS : 1.408
 MAX RADIUS : 3.298
 CENTROID X : -1.085
 CENTROID Y : -.173

20 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348785.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 4.38
 VS= 3.90
 GS= 4.55

1
 4
 7

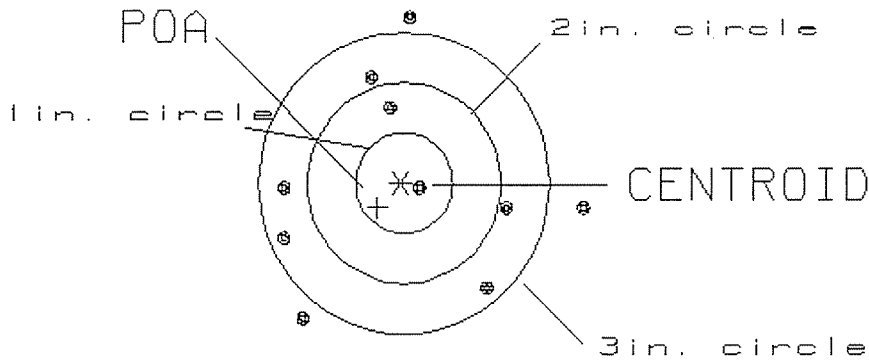
PATTERN #: 5

POA TO CENTROID: .345
 MIN RADIUS : .203
 MEAN RADIUS : 1.233
 MAX RADIUS : 1.844
 CENTROID X : .243
 CENTROID Y : .245

20 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348785.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.05
 VS= 3.00
 GS= 3.22

1
 2
 7

Remington Test Lab, Ilion, N.Y.

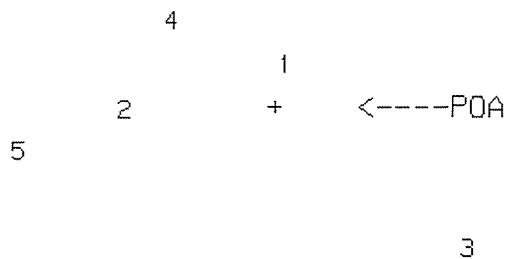
Centroidal distance calculations for Rifle # C6348785
15 Nov 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.4026
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0788
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .410239

THE AMR FOR THIS RIFLE IS: 1.399

CENTROIDAL DISTANCES

0	TO	1	.275951
1	TO	2	1.06825
1	TO	3	1.65959
1	TO	4	.783012
1	TO	5	1.79563



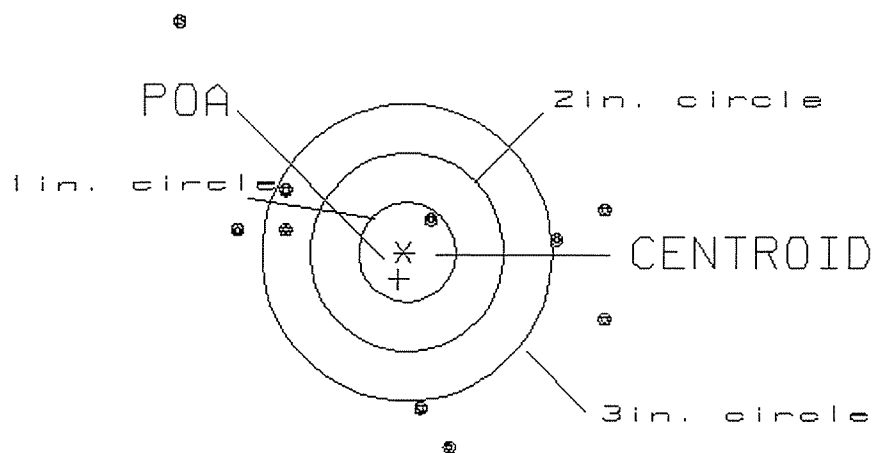
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .276
 MIN RADIUS : .376
 MEAN RADIUS : 1.763
 MAX RADIUS : 3.317
 CENTROID X : .057
 CENTROID Y : .270

15 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348785

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 4.39

1

VS= 4.39

1

GS= 5.34

3

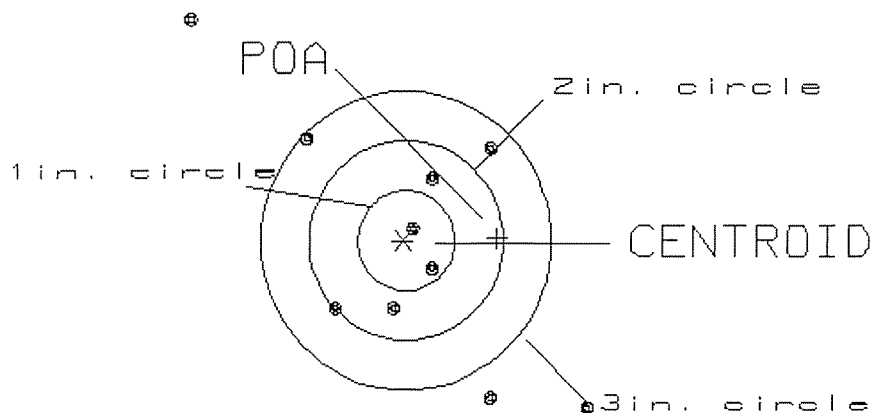
PATTERN #: ☐ 2 ☐

POA TO CENTROID: .971
 MIN RADIUS : .180
 MEAN RADIUS : 1.308
 MAX RADIUS : 3.182
 CENTROID X : -.970
 CENTROID Y : -.024

15 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348785

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 4.16

2

VS= 3.95

4

GS= 5.74

7

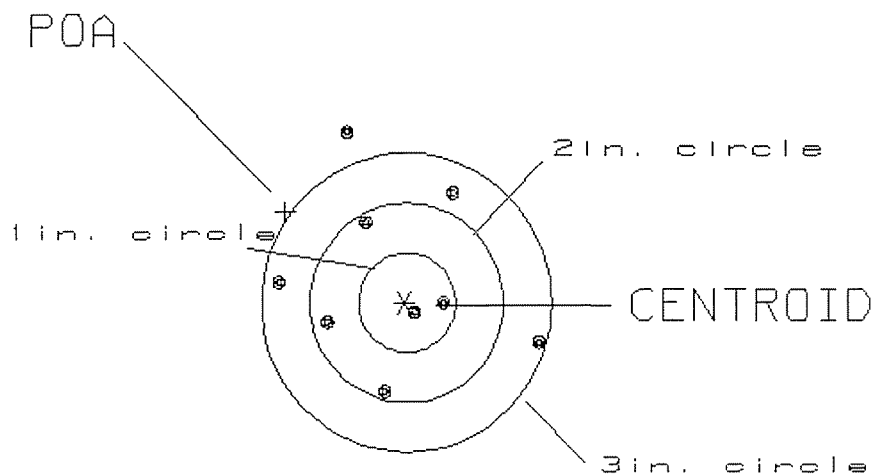
PATTERN #: ☐ 3 ☐

POA TO CENTROID: 1.526
 MIN RADIUS : .112
 MEAN RADIUS : 1.149
 MAX RADIUS : 2.582
 CENTROID X : 1.227
 CENTROID Y : -.907

15 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348785

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.68
 VS= 3.99
 GS= 4.36

2
 5
 8

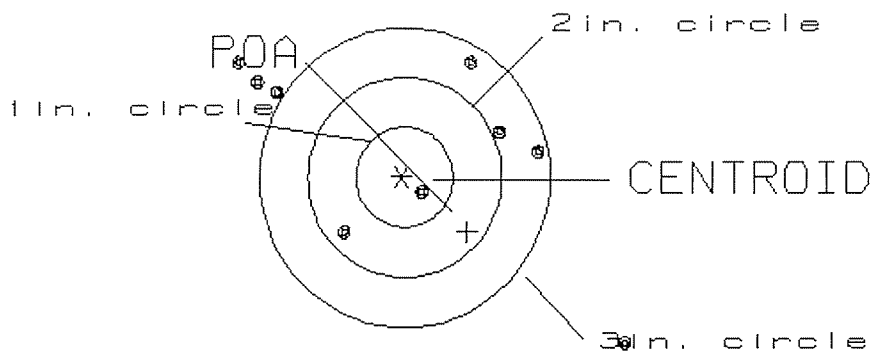
PATTERN #: 4

POA TO CENTROID: .869
 MIN RADIUS : .188
 MEAN RADIUS : 1.571
 MAX RADIUS : 2.828
 CENTROID X : -.675
 CENTROID Y : .548

15 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348785

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 4.01
 VS= 3.65
 GS= 4.88

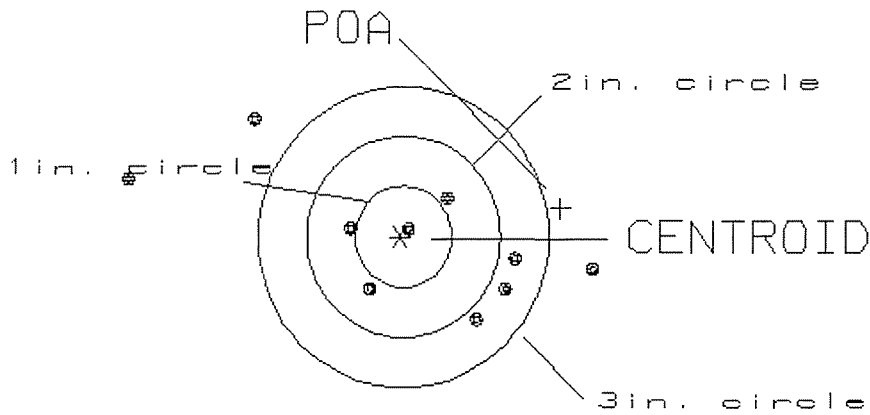
1
 2
 5

PATTERN #: ☐ 5 ☐
 POA TO CENTROID: 1.676
 MIN RADIUS : .050
 MEAN RADIUS : 1.202
 MAX RADIUS : 2.932
 CENTROID X : -1.652
 CENTROID Y : -.281

15 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348785

CENTERFIRE PATTERN # 5



# OF SHOTS= 10	# IN CIRCLE
HS= 4.82	1
VS= 2.00	4
GS= 4.91	7