

C6349160

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



Number: **C6349160**

Model: M24 SWS



RE00112536

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349160.___0

FILE DATE AND TIME: 11/13/2006 23:26

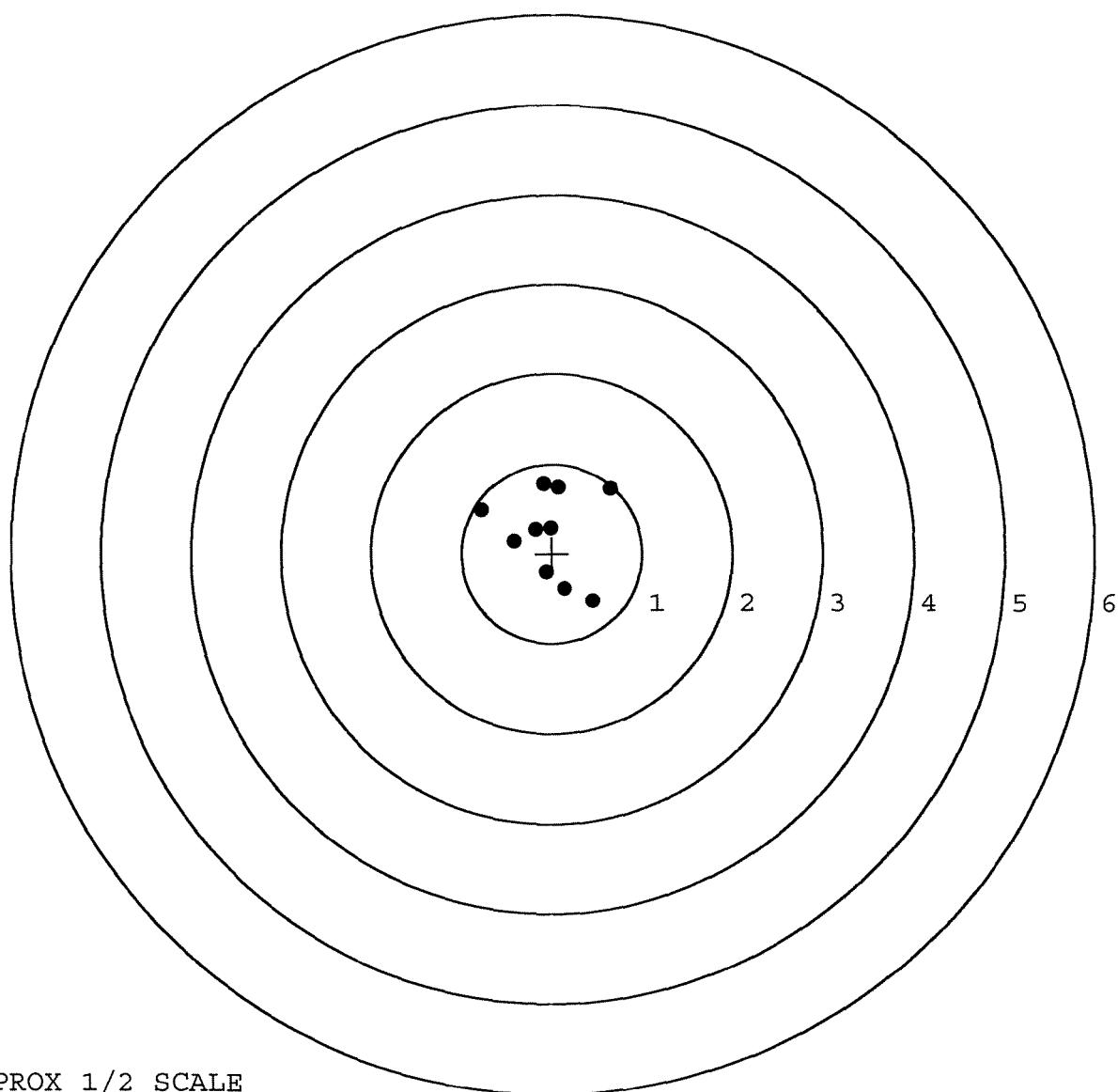
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.056
The Average Y Centroid of the Five Target Set:	0.109
The Average Point of Impact of the Five Target Set:	0.122
The Average Mean Radius of the Five Target Set:	0.573
The Distance from POA to Centroid Target #1:	0.229
The Distance from Centroid Target #2 to Centroid Target #1:	0.169
The Distance from Centroid Target #3 to Centroid Target #1:	0.162
The Distance from Centroid Target #4 to Centroid Target #1:	0.233
The Distance from Centroid Target #5 to Centroid Target #1:	0.197

SERIAL NUMBER: C6349160.___0
TARGET NUMBER: 1
FILE DATE: 11/13/2006
FILE TIME: 23:26

X CENTROID: -0.026
Y CENTROID: 0.227
POA TO CENTROID: 0.229
HORZ SPREAD: 1.436
VERT SPREAD: 1.306
GROUP SPREAD: 1.603
MIN RADIUS: 0.058
MAX RADIUS: 0.897
MEAN RADIUS: 0.533
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.786	0.484
2:	-0.097	0.776
3:	0.070	0.740
4:	0.650	0.723
5:	-0.014	0.284
6:	-0.186	0.267
7:	-0.423	0.135
8:	-0.068	-0.212
9:	0.142	-0.395
10:	0.456	-0.530



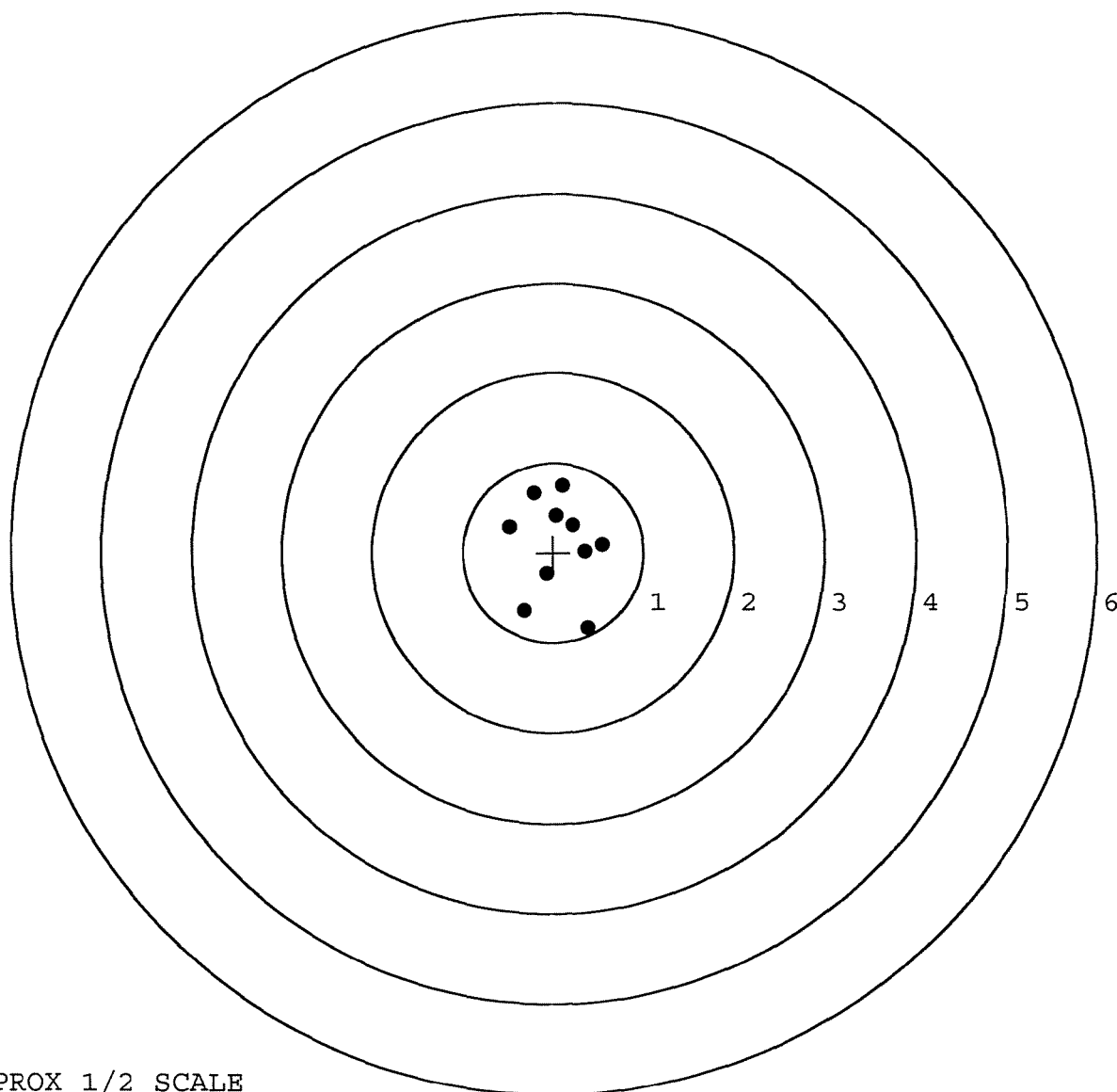
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349160.___0
TARGET NUMBER: 2
FILE DATE: 11/13/2006
FILE TIME: 23:26

X CENTROID: 0.055
Y CENTROID: 0.078
POA TO CENTROID: 0.096
HORZ SPREAD: 1.037
VERT SPREAD: 1.582
GROUP SPREAD: 1.624
MIN RADIUS: 0.280
MAX RADIUS: 0.981
MEAN RADIUS: 0.545

IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.214	0.664
2:	0.032	0.413
3:	0.096	0.740
4:	0.217	0.307
5:	0.357	0.014
6:	0.550	0.090
7:	-0.487	0.283
8:	-0.077	-0.239
9:	-0.320	-0.647
10:	0.393	-0.842

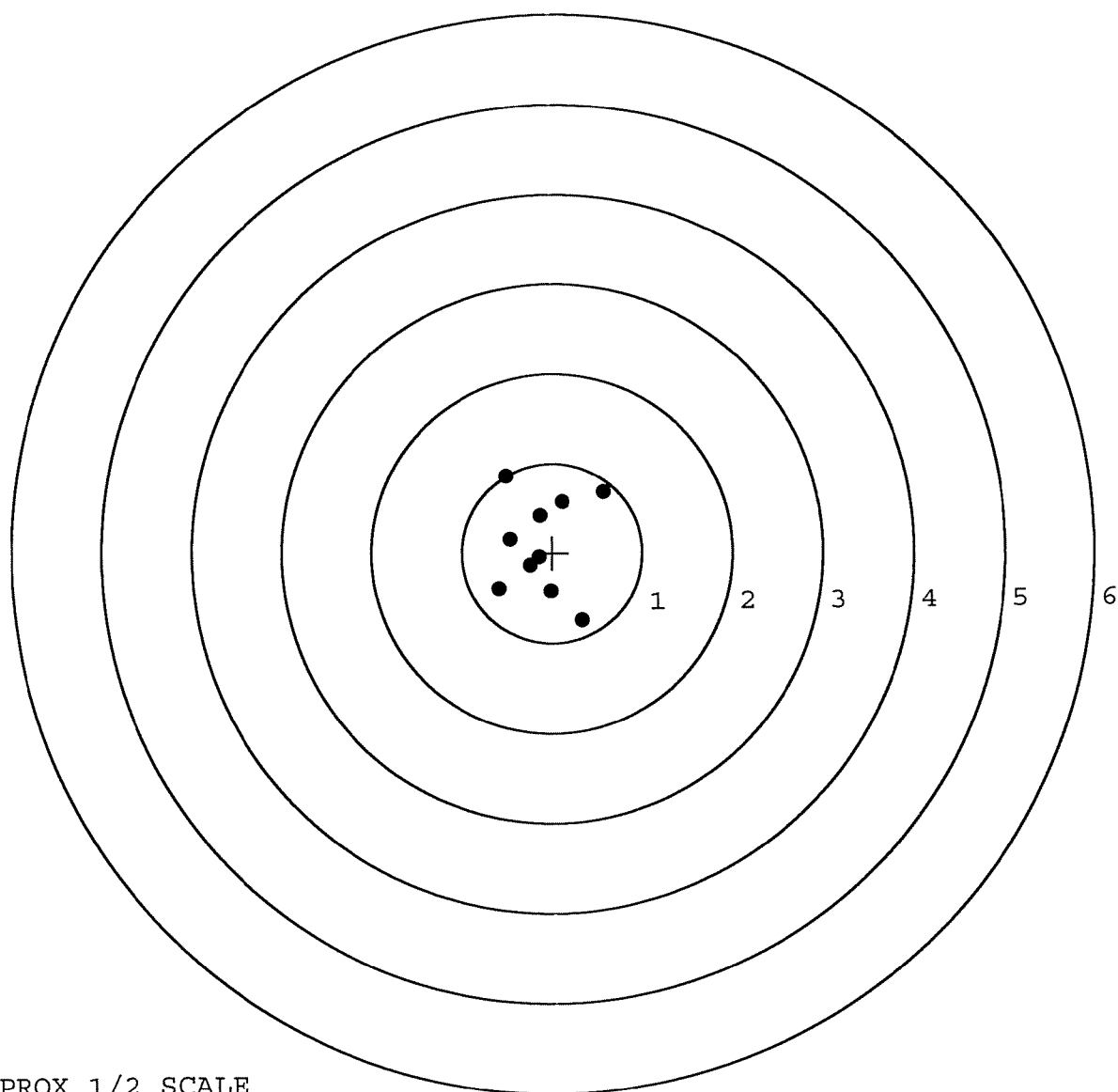


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349160.___0
TARGET NUMBER: 3
FILE DATE: 11/13/2006
FILE TIME: 23:26

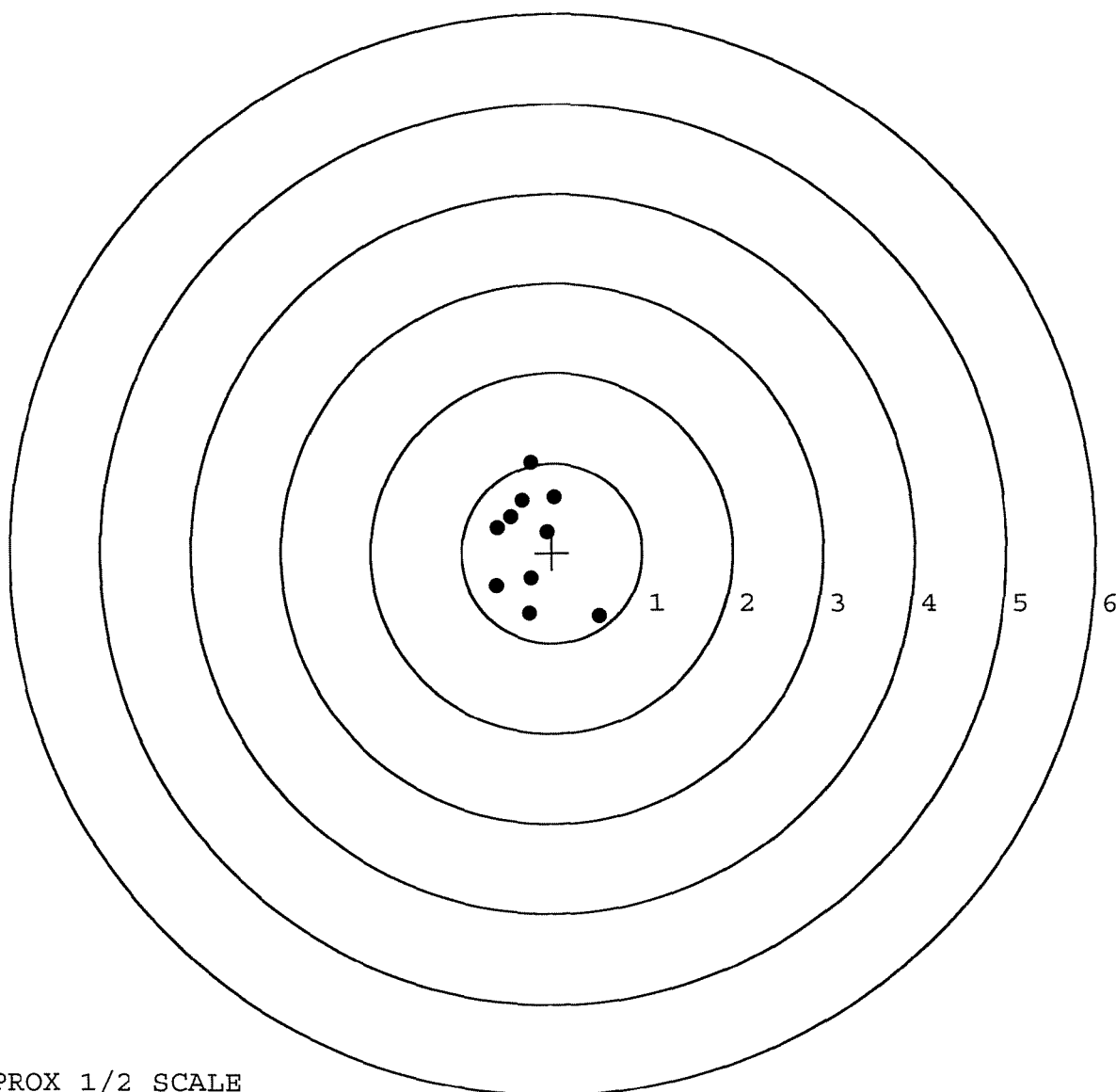
X CENTROID: -0.113
Y CENTROID: 0.091
POA TO CENTROID: 0.145
HORZ SPREAD: 1.175
VERT SPREAD: 1.620
GROUP SPREAD: 1.825
MIN RADIUS: 0.146
MAX RADIUS: 0.955
MEAN RADIUS: 0.558
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.513	0.863
2:	-0.467	0.158
3:	-0.137	0.418
4:	0.114	0.572
5:	0.576	0.674
6:	-0.149	-0.050
7:	-0.253	-0.146
8:	-0.599	-0.394
9:	-0.026	-0.428
10:	0.327	-0.757



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349160. __0	POINT#	X	Y
TARGET NUMBER: 4	1:	-0.241	1.012
FILE DATE: 11/13/2006	2:	0.024	0.616
FILE TIME: 23:26	3:	-0.057	0.229
	4:	-0.336	0.586
X CENTROID: -0.226	5:	-0.466	0.397
Y CENTROID: 0.109	6:	-0.611	0.279
POA TO CENTROID: 0.251	7:	-0.619	-0.367
HORZ SPREAD: 1.151	8:	-0.234	-0.283
VERT SPREAD: 1.713	9:	-0.252	-0.677
GROUP SPREAD: 1.879	10:	0.532	-0.701
MIN RADIUS: 0.207			
MAX RADIUS: 1.109			
MEAN RADIUS: 0.587			
# IN 1 IN DIAMETER: 5			
# IN 2 IN DIAMETER: 9			
# in 3 IN DIAMETER: 10			



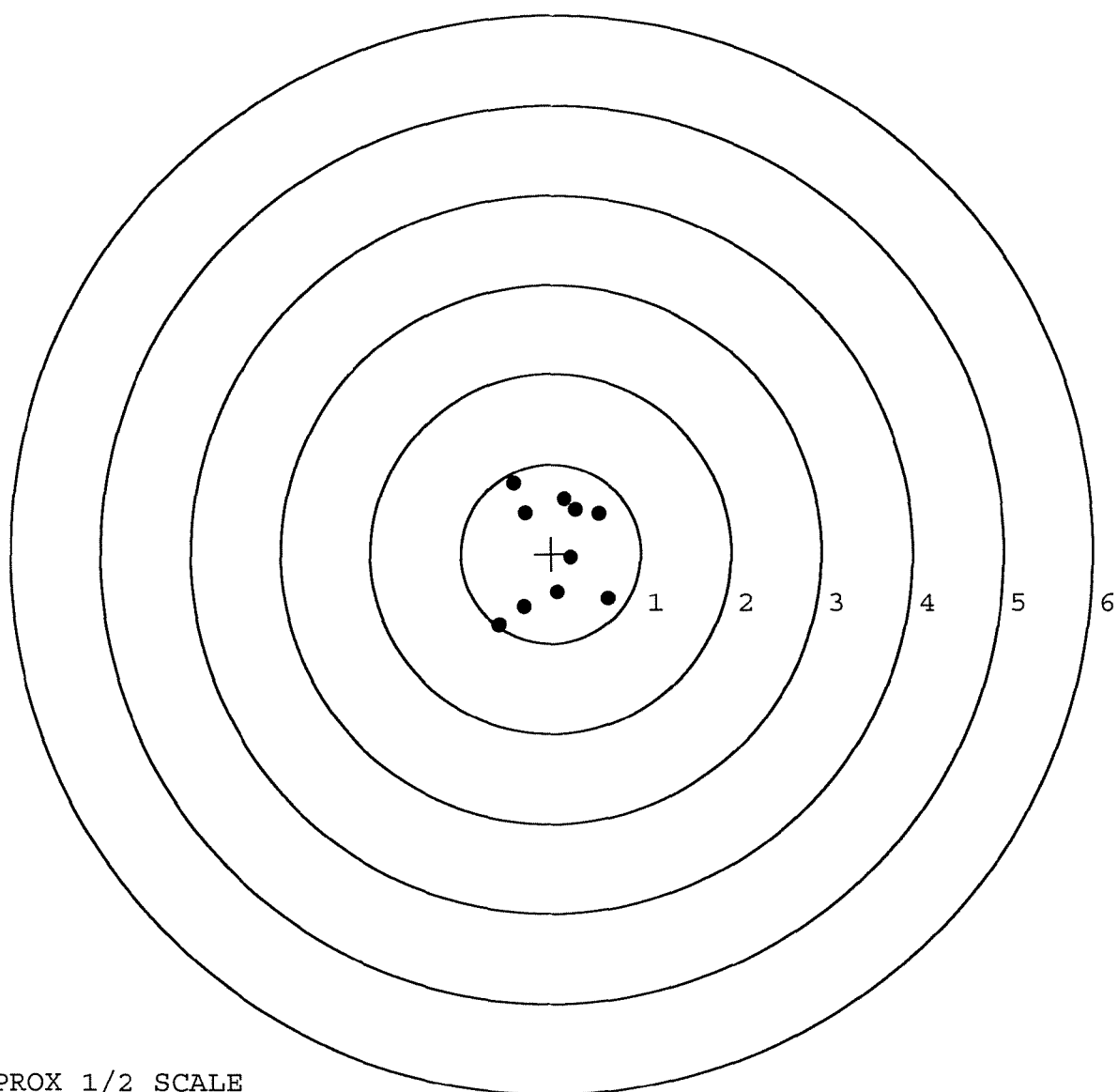
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349160. __0
TARGET NUMBER: 5
FILE DATE: 11/13/2006
FILE TIME: 23:26

X CENTROID: 0.029
Y CENTROID: 0.038
POA TO CENTROID: 0.048
HORZ SPREAD: 1.214
VERT SPREAD: 1.585
GROUP SPREAD: 1.676
MIN RADIUS: 0.207
MAX RADIUS: 1.038
MEAN RADIUS: 0.641

IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.424	0.781
2:	-0.291	0.452
3:	0.148	0.613
4:	0.278	0.493
5:	0.539	0.446
6:	0.216	-0.049
7:	0.070	-0.437
8:	0.636	-0.509
9:	-0.306	-0.604
10:	-0.578	-0.804



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	112536			
SERIAL NUMBER	112536 6349160 A-2			
LOG-IN DATE	5-18-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		5-23-06	RTZ
505	RE-BARREL		5-28-06	RTZ
560	ASSEMBLE		5-30-06	RTZ
600	PROOF	MAGNA-FLUX INSPECTED		
605	CHECK HEADSPACE	INSPECTED		
610	DIS-ASSEMBLE GUN	SEP 20 2006		
612	MAGNAFLUX	JUN 02 2006	6-1-06	RTZ
510	DRILL AND TAP	OPERATOR	6-2-06	APD
615	ROLLMARK CALIBER	9-20-06 CW	6-1-06	TRW
618	ROTO-BLAST		6-2-06	CW
620	APPLY COATINGS	9/20/06 RB	6-2-06	LB
625	FINAL ASSEMBLY		6-15-06	RB
640	FUNCTION TEST AND	PASS	11-13-06	TRW
650	TARGET	PASS	11-13-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		11-13-06	SA
	A) HEADSPACE	PASS	11-15-06	RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	23 238 243 2-43 246 11-14-06	RTZ
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	70 70 70 11-14-06	RTZ
	G) SAFETY OFF FORCE	2 LBS MIN	20 20 20 11-14-06	RTZ
	I) FIRING PIN INDENT	.020	025 025 025 11-14-06	RTZ
690	PACK		11-15-06	DA

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 99-22147INITIAL
SWS

CUSTOMER ORDER NO.

DATE RECEIVED
11/05/99DATE OPENED
11/09/99

DATE CODE

SERIAL NUMBER
C6349160

NEW SERIAL NUMBER

MODEL AND GRADE
700 7.62NAT

M/24-CAMO

ACCESSORIES

SLING STRAP

W/STUDS

W/SWIVELS

HARD CASE

SCOPE BASE

W/SCOPE, BI-POD, CLEAN-TOOL

Scope # 89 1264

FROM:

SHIP TO:

COMMANDER
HHC 1-14 INF
ATTN S4
SCHOFIELD BKS

HI 96857

COMMANDER
HHC 1-14 INF
ATTN S4
SCHOFIELD BKSHI
96857

CUST NO: 119232 C.O.D.

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

GUN CONDITION

- ☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

CYCLE

A1

B1

TRIGGER GROUP

B2

E1

F1

BOLT ASSY.

B3

E2

F2

BARREL ASSY.

B4

D1

E3

F3

REC. ASSY.

B5

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

PARTS

COMMENTS

BBL 96003
Stock 96018
Extractor 96816

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

1-27-00 2-3-00 2-3-00

OFFICE COPY

RD6925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400109082

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6349160
7 Feb 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0714
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1802
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .19383

THE AMR FOR THIS RIFLE IS: 1.061

CENTROIDAL DISTANCES

0	TO	1	.126657
1	TO	2	.208483
1	TO	3	.28262
1	TO	4	.0917606
1	TO	5	.358035

5 + 4 2 <----POA
3

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

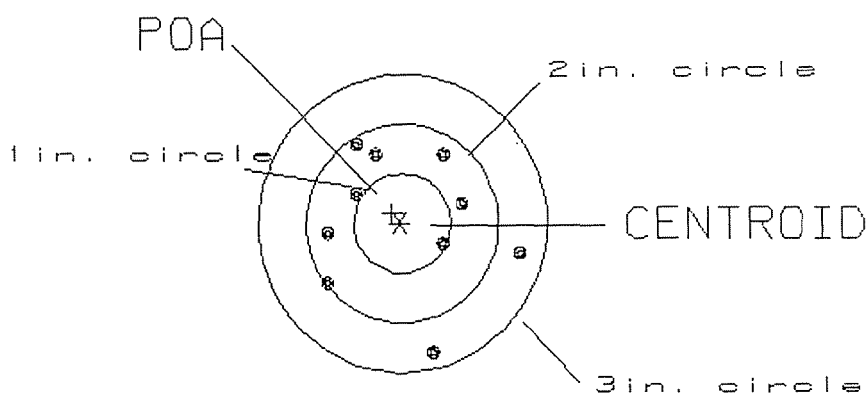
PATTERN #: 1

POA TO CENTROID: .126
 MIN RADIUS : .461
 MEAN RADIUS : .865
 MAX RADIUS : 1.367
 CENTROID X : .079
 CENTROID Y : -.099

4 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349160

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.02

1

VS= 2.15

7

GS= 2.28

10

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

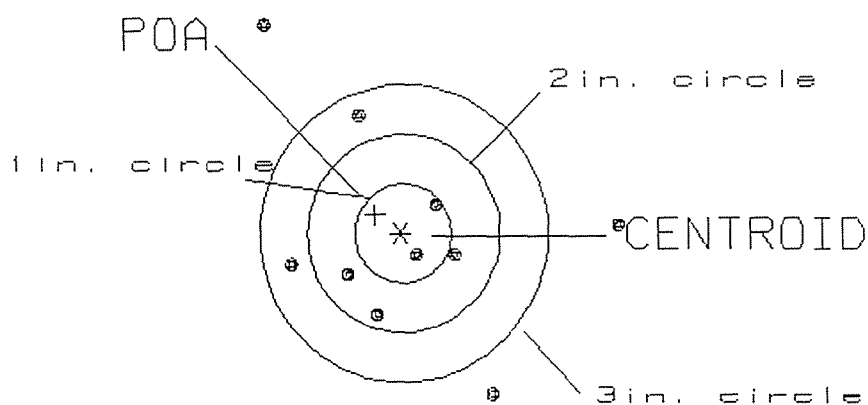
PATTERN #: 2

POA TO CENTROID: .326
 MIN RADIUS : .271
 MEAN RADIUS : 1.190
 MAX RADIUS : 2.568
 CENTROID X : .268
 CENTROID Y : -.187

4 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349160

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.65

2

VS= 3.78

5

GS= 4.45

7

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

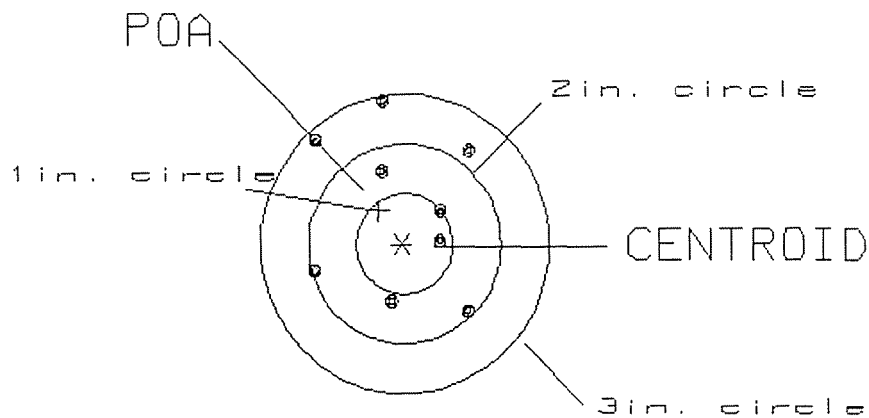
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .409
 MIN RADIUS : .358
 MEAN RADIUS : 1.112
 MAX RADIUS : 3.160
 CENTROID X : .236
 CENTROID Y : -.334

4 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349160

CENTERFIRE PATTERN # 3



OF SHOTS= 10

@ # IN CIRCLE

HS= 1.61

2

VS= 4.60

6

GS= 4.66

8

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

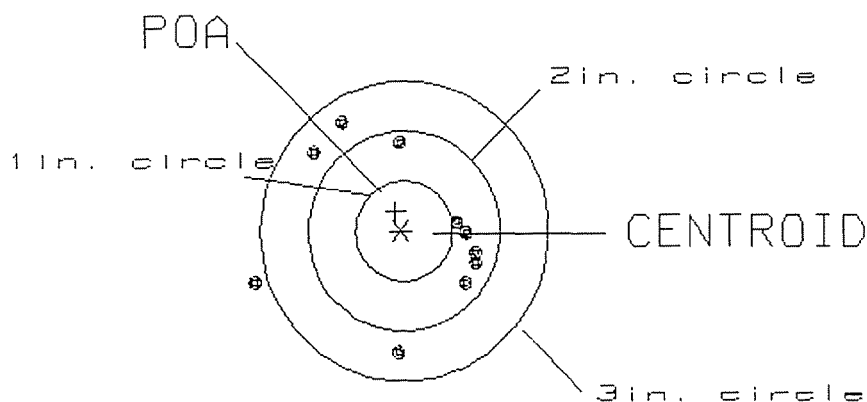
PATTERN #: ☐ 4 ☐

POA TO CENTROID: .195
 MIN RADIUS : .527
 MEAN RADIUS : .961
 MAX RADIUS : 1.643
 CENTROID X : .053
 CENTROID Y : -.187

4 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349160

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.29
 VS= 2.24
 GS= 2.32

0
 6
 9

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

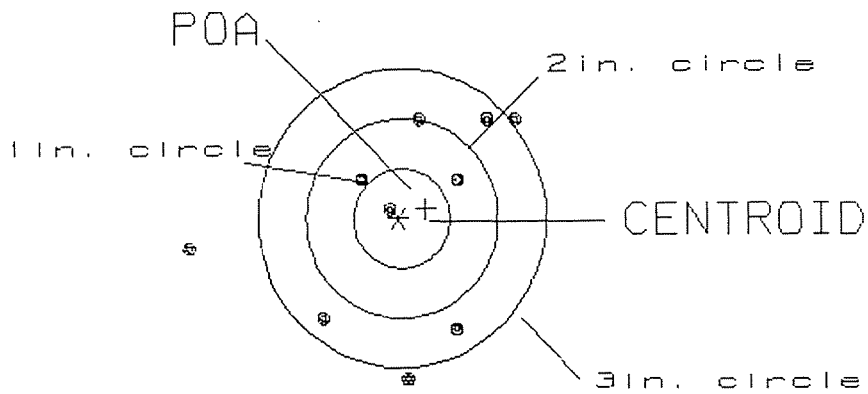
PATTERN #: 5

POA TO CENTROID: .294
 MIN RADIUS : .197
 MEAN RADIUS : 1.177
 MAX RADIUS : 2.192
 CENTROID X : -.279
 CENTROID Y : -.094

4 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349160

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.39
 VS= 2.61
 GS= 3.62

1
 3
 7

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. C6349160

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	12-13-99	RW
605	CHECK HEADSPACE	12-13-99	RW
610	DIS-ASSEMBLE		
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	2-3-00	RW
655	FINAL INSPECT	2-8-00	RW
660	PACK		

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: C6349160

DATE REC'D: 11-5-99

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:

Remington®

REG. U.S. PAT. & TM. OFF.

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

MODEL 700™ H24

SERIAL NO.
C6349160

ORDER NO.
5716

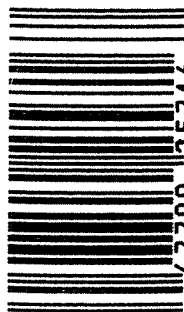
Ø1

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



5716 C6349160

UPC



0 47700 25716 7

RC 52

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349160

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	12-20	89	RW
600	Proof	12-20	89	A
607	Check Headspace	12-20	89	A
610	Dis-assemble Gun	12-20	89	RW
612	Magnaflux Barrel Action	1-5-90		KER
	Magnaflux Bolt	1-5-90		
615	Rollmark Caliber		1/5/90	JS
617	Drill and Tap Sight Holes		1/8/90	FB
618	Polish Barrel AB		1/9/90	WB
620	Apply Coatings (Barrel Action)		1-15-90	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/16/90 1/16/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/16/90	RW
	C) Inspect Ejector Hole for Chamfer		1/16/90	RW
	D) Oil Firing Pin Ass'y		1/16/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1/18/90	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			1-18-90	98
	G) Safety Off Force	2	2	2			1-18-90	98
	H) Trigger Pull Test & Retainability						RMW/90	98
	I) Firing Pin Indent	.020	.020	.020			1-18-90	98
	J) Assemble Stock						3/5/90	RW
	K) Assemble Swivel Studs						3/6/90	WB
	L) Attach Front and Rear Sight Assemblies						3/5/90	RW
	M) Iron Sight Alignment						3/5/90	RW
	N) Detach Front & Rear Sights & place in numbered container						3/5/90	RW
	O) Attach Scope to Rifle						3/5/90	WB
	P) Detach & Attach Scope 20 Times						3/5/90	WB
640	Gallery Target & Test	3-6-90 J.S.					3-5-90	A
	A) Time						11	A
	B) Malfunctions						11	A
	C) Pierced Primers						11	A
	D) Optical Clarity of Scope						11	A
645	Inspect for Live Ammo						3-5-90	A
655	Final Inspection						3/12/90	WB
	A) Headspace							
	B) Trigger Pull	2.60	2.61	2.58	2.66	2.43	3/12/90	WB
	C) Function						3/12/90	WB
660	Pack						20/10/90	98

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6349160

DATE 18 Jan 90

TESTER JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.67	2.64	2.31	2.60	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.58	2.32	2.34	2.61	
PULL #3	2.56	2.30	2.32	2.58	
PULL #4	2.56	2.34	2.30	2.66	
PULL #5	2.54	2.30	2.32	2.43	
TOTAL	12.91	11.90	11.59		
AVG.	2.582	2.38	2.318		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	2.94	2.97		
PULL #2	2.98	2.99		
PULL #3	2.97	3.03		
PULL #4	2.99	3.05		
PULL #5	2.84	3.08		
TOTAL	14.72	15.12		
AVG.	2.944	3.024		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	3.95	3.76		3.74
PULL #2	4.02	4.00		3.71
PULL #3	3.99	4.07		3.74
PULL #4	4.00	4.07		3.76
PULL #5	4.03	4.03		3.74
TOTAL	19.99	19.99		18.69
AVG.	3.998	3.998		3.738

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349160
6 Mar 1990

CENTROIDAL DISTANCES

0 TO 1	.23776
1 TO 2	.375225
1 TO 3	.37718
1 TO 4	.362178
1 TO 5	.314396

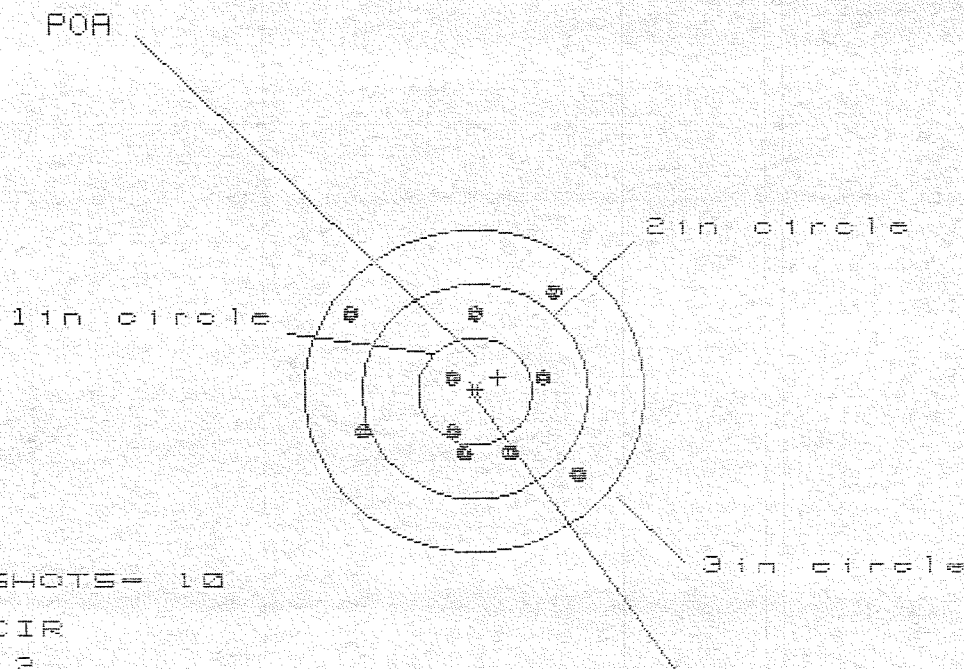
$\frac{24}{415}$ <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1616
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0582
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .171761
THE AMR FOR THIS RIFLE IS: 1.007

6 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8349160.1

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 10

HS= 1.907

VS= 1.647

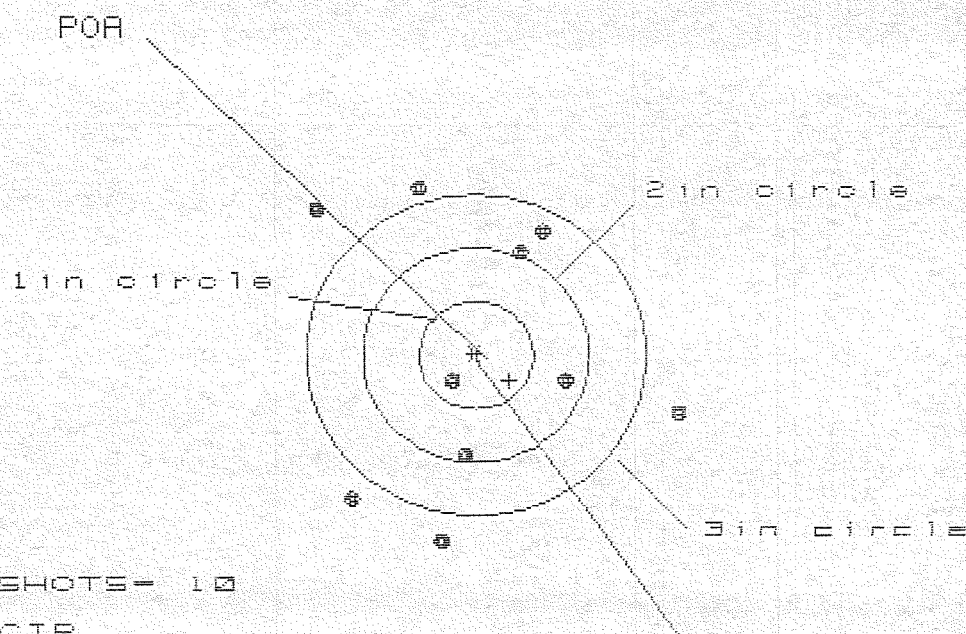
GS= 2.444

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.853	.736	.692
MINIMUM X	:	-1.054	-1.155	-1.063
MAXIMUM Y	:	.888	.973	.889
MINIMUM Y	:	-.759	-.674	-.601
CENTROID X	:	-.201	-.084	-.176
CENTROID Y	:	-.127	-.212	-.128
POA TO CENTROID in.	:	.238	.229	.218
MIN RADIUS	:	.214	.359	.235
MEAN RADIUS	:	.790	.724	.683
MAX RADIUS	:	1.305	1.191	1.127
HORIZONTAL SPREAD	:	1.907	1.891	1.755
VERTICAL SPREAD	:	1.647	1.647	1.490
EXTREME SPREAD	:	2.444	2.164	2.164
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

6 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C63491E0.1

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 3

3 in = 5

HS= 3.201

VS= 3.305

GS= 3.725

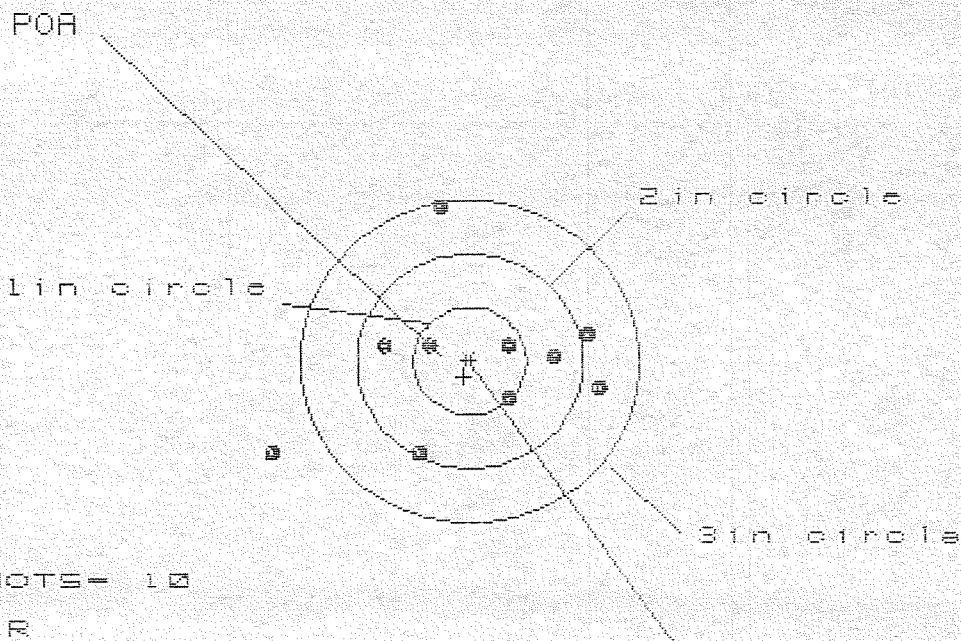
CENTROID *

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.836	1.022	.877
MINIMUM X	-1.365	-1.161	-1.086
MAXIMUM Y	1.559	1.494	1.652
MINIMUM Y	-1.746	-1.811	-1.653
CENTROID X	-.296	-.500	-.355
CENTROID Y	.236	.301	.143
POA TO CENTROID in.	.379	.584	.393
MIN RADIUS	.325	.283	.221
MEAN RADIUS	1.347	1.282	1.195
MAX RADIUS	1.926	1.813	1.714
HORIZONTAL SPREAD	3.201	2.183	1.953
VERTICAL SPREAD	3.305	3.305	3.305
EXTREME SPREAD	3.725	3.312	3.312
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	5		

5 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8349160.1

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.927

VS= 2.305

GS= 2.988

CENTROID *

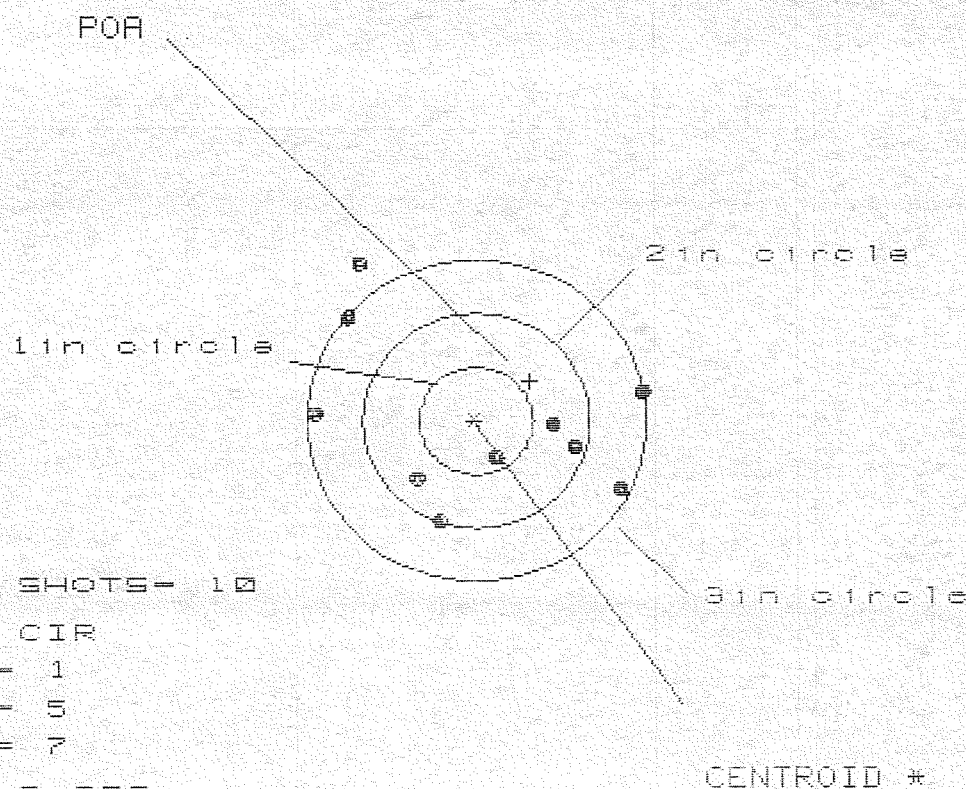
PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.135	.935	.880
MINIMUM X	-1.792	-.917	-.972
MAXIMUM Y	1.464	1.371	.306
MINIMUM Y	-.841	-.934	-.762
CENTROID X	.055	.255	.310
CENTROID Y	.150	.243	.072
POA TO CENTROID in.	.160	.352	.318
MIN RADIUS	.336	.116	.230
MEAN RADIUS	.933	.778	.680
MAX RADIUS	1.978	1.440	1.067
HORIZONTAL SPREAD	2.927	1.852	1.852
VERTICAL SPREAD	2.305	2.305	1.069
EXTREME SPREAD	2.988	2.319	1.894
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

6 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08349160.1

CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 2.959

VS= 2.367

GS= 3.094

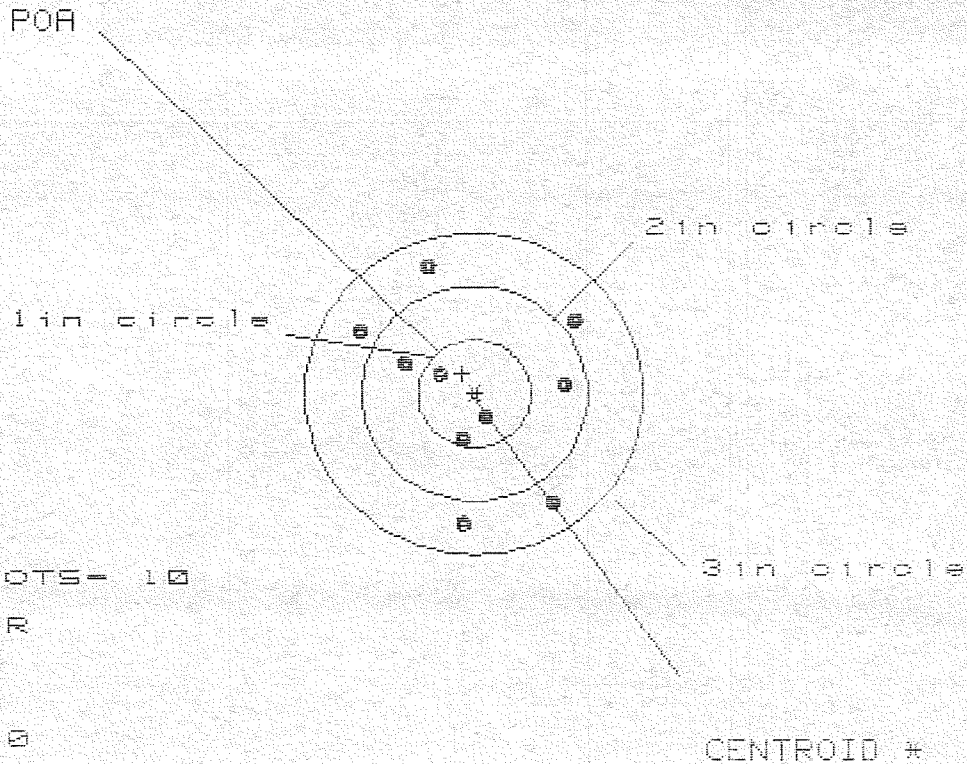
CENTROID #

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.521	1.410	1.323
MINIMUM X	:	-1.438	-1.549	-1.373
MAXIMUM Y	:	1.471	1.135	1.184
MINIMUM Y	:	-.896	-.732	-.683
CENTROID X	:	-.474	-.363	-.539
CENTROID Y	:	-.365	-.529	-.578
POA TO CENTROID in.	:	.599	.641	.790
MIN RADIUS	:	.339	.151	.218
MEAN RADIUS	:	1.130	1.004	.948
MAX RADIUS	:	1.782	1.711	1.619
HORIZONTAL SPREAD	:	2.959	2.959	2.696
VERTICAL SPREAD	:	2.367	1.867	1.867
EXTREME SPREAD	:	3.094	2.965	2.912
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	7		

6 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8349160.1

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 10

HS= 1.902

VS= 2.312

GS= 2.436

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.916	.992	.947
MINIMUM X	-.986	-.910	-.955
MAXIMUM Y	1.136	1.022	.702
MINIMUM Y	-1.176	-1.290	-1.162
CENTROID X	.108	.032	.077
CENTROID Y	-.185	-.071	-.199
POA TO CENTROID in.	.214	.078	.214
MIN RADIUS	.236	.228	.235
MEAN RADIUS	.833	.783	.732
MAX RADIUS	1.233	1.290	1.179
HORIZONTAL SPREAD	1.902	1.902	1.902
VERTICAL SPREAD	2.312	2.312	1.864
EXTREME SPREAD	2.436	2.343	2.105
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349160
5 Mar 1990

CENTROIDAL DISTANCES

0 TO	1	.927272
1 TO	2	.939566
1 TO	3	1.09268
1 TO	4	.678136
1 TO	5	1.44187

$\frac{5}{2}^3$ <----POA
1

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0442
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1324
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .139583
THE AMR FOR THIS RIFLE IS: 1.352

5 Mar 1990

FILE:/PATTERNING/CENTERFIRE_PATT/06349160

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 0

2 in = 1

3 in = 5

HS= 5.169

VS= 2.474

GS= 5.274

CENTROID *

PATTERN #

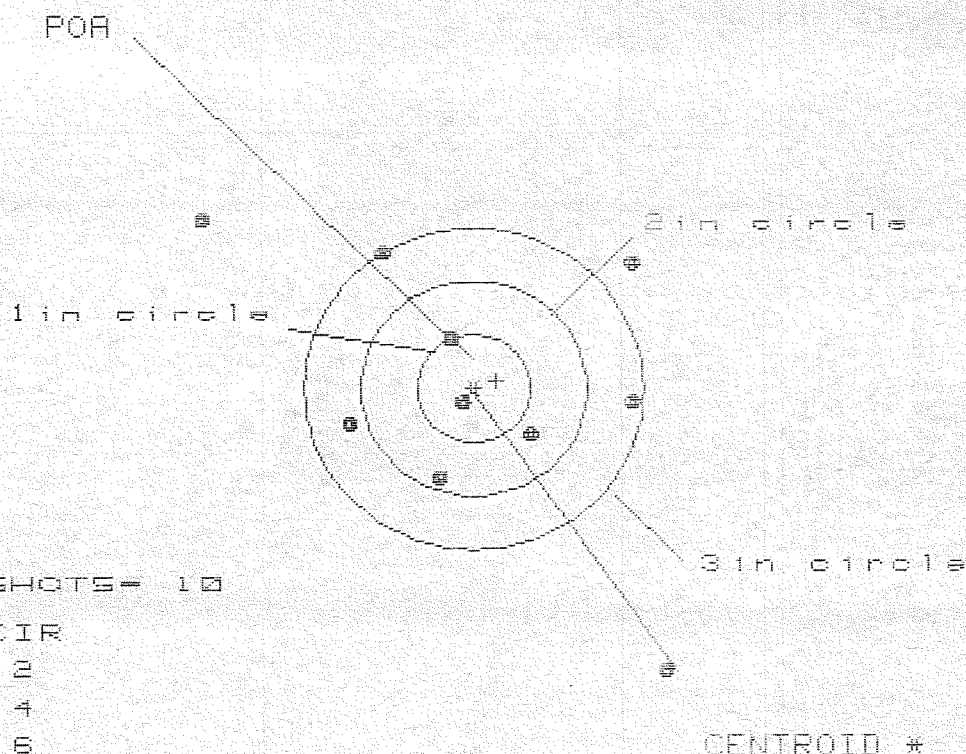
1

SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.690	2.187	1.915
MINIMUM X	-2.479	-2.180	-1.351
MAXIMUM Y	1.478	1.420	1.478
MINIMUM Y	-0.996	-1.054	-0.996
CENTROID X	0.267	-0.032	0.240
CENTROID Y	-0.888	-0.830	-0.888
POA TO CENTROID in.	0.927	0.831	0.920
MIN RADIUS	0.784	0.626	0.771
MEAN RADIUS	1.633	1.463	1.380
MAX RADIUS	2.741	2.389	2.117
HORIZONTAL SPREAD	5.169	4.367	3.266
VERTICAL SPREAD	2.474	2.474	2.474
EXTREME SPREAD	5.274	4.593	3.543
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		1	
NUMBER IN THREE INCH CIRCLE =		5	

5 Mar 1990

FILE:/PATTERNING/CENTERFIRE_PATT/06349160

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 6

HS= 4.073

VS= 4.195

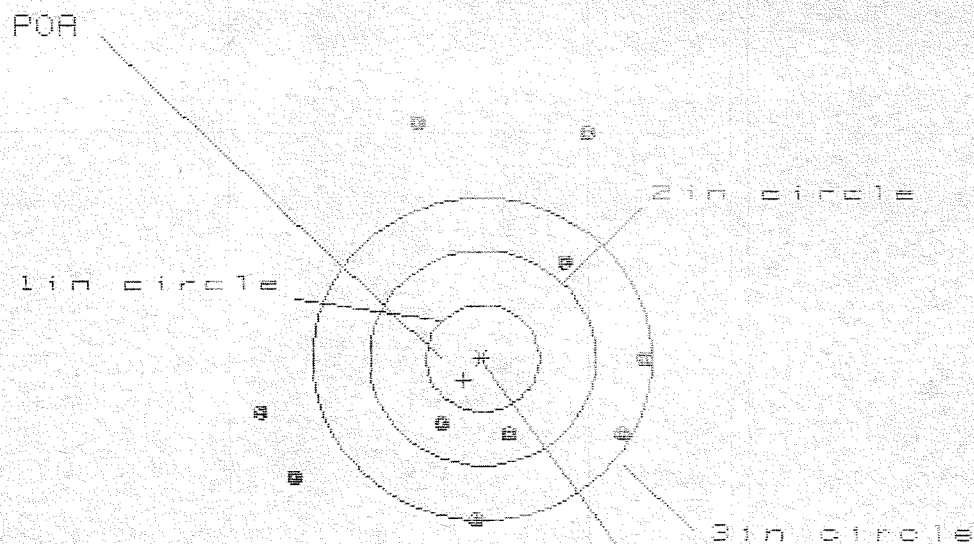
GS= 5.847

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.656	1.603	1.324
MINIMUM X	:	-2.417	-2.233	-1.212
MAXIMUM Y	:	1.533	1.237	1.147
MINIMUM Y	:	-2.662	-1.116	-1.961
CENTROID X	:	-.197	-.381	-.102
CENTROID Y	:	-.071	.225	.070
POA TO CENTROID in.	:	.210	.443	.124
MIN RADIUS	:	.163	.149	.331
MEAN RADIUS	:	1.413	1.222	1.035
MAX RADIUS	:	3.135	2.553	1.671
HORIZONTAL SPREAD	:	4.073	3.836	2.536
VERTICAL SPREAD	:	4.195	2.353	2.108
EXTREME SPREAD	:	5.847	4.170	2.920
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			4	
NUMBER IN THREE INCH CIRCLE =			6	

5 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8349160

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 2

3 in = 5

HS= 3.469

VS= 3.677

GS= 4.103

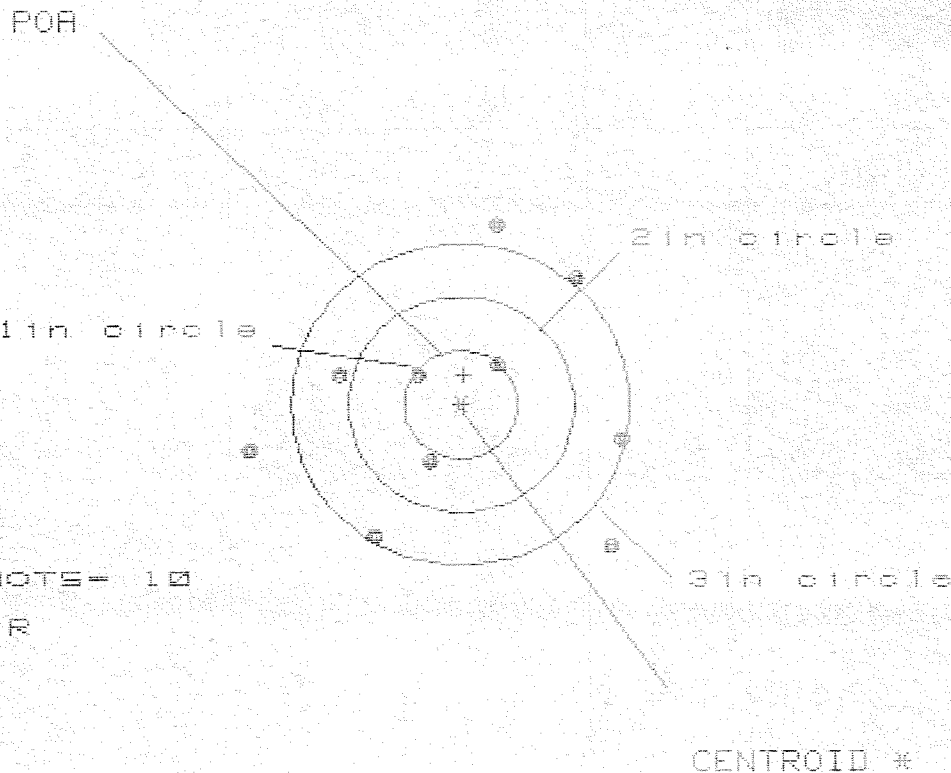
CENTROID #

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.455	1.560	1.506
MINIMUM X	-2.014	-1.909	-1.963
MAXIMUM Y	2.162	2.398	1.391
MINIMUM Y	-1.515	-1.279	-0.980
CENTROID X	.166	.061	.115
CENTROID Y	.200	-.036	-.335
POA TO CENTROID in.	.260	.071	.355
MIN RADIUS	.684	.429	.309
MEAN RADIUS	1.551	1.417	1.216
MAX RADIUS	2.323	2.437	1.963
HORIZONTAL SPREAD	3.469	3.469	3.469
VERTICAL SPREAD	3.677	3.677	2.371
EXTREME SPREAD	4.103	3.703	3.502
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	2		
NUMBER IN THREE INCH CIRCLE =	5		

5 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08349160

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 2

2in = 3

3in = 6

HS= 3.330

VS= 3.035

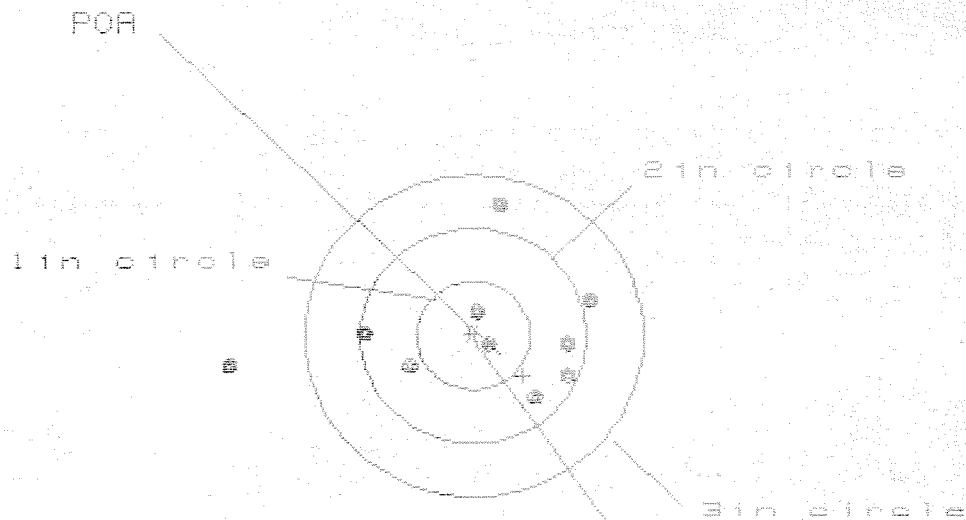
GS= 3.334

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.422	1.210	1.348
MINIMUM X	-1.908	-1.276	-1.139
MAXIMUM Y	1.724	1.674	1.504
MINIMUM Y	-1.311	-1.361	-1.421
CENTROID X	-.023	.189	.051
CENTROID Y	-.275	-.225	-.055
POA TO CENTROID in.	.276	.294	.075
MIN RADIUS	.427	.356	.278
MEAN RADIUS	1.259	1.182	1.076
MAX RADIUS	1.961	1.751	1.633
HORIZONTAL SPREAD	3.330	2.486	2.486
VERTICAL SPREAD	3.035	3.035	2.925
EXTREME SPREAD	3.334	3.190	3.112
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		6	

5 Mar 1990

FILE:/PATTERNING/CENTERFIRE_PATT/06349160

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 3.284

VS= 1.879

GS= 3.339

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.079	.834	.832
MINIMUM X	-2.205	-1.165	-1.167
MAXIMUM Y	1.259	1.224	.409
MINIMUM Y	-.620	-.655	-.502
CENTROID X	-.434	-.189	-.187
CENTROID Y	.372	.407	.254
POA TO CENTROID in.	.572	.449	.316
MIN RADIUS	.152	.196	.139
MEAN RADIUS	.906	.731	.652
MAX RADIUS	2.227	1.224	1.174
HORIZONTAL SPREAD	3.284	1.999	1.999
VERTICAL SPREAD	1.879	1.879	.911
EXTREME SPREAD	3.339	2.018	2.018
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 93-10803

INITIAL CUSTOMER ORDER NO.

WOG 1 OF 3 FRED MARTIN/M24 SNIPER W/10X-M3A SCOPE

EPS

W/BI POD

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
04/28/93	04/28/93	XJ 12-89	C6349160		700 7.62 NATO
ACCESSORIES		SOFT CASE	SCOPE MNTS	SCOPE BASE	W/STUDS

FROM:

SHIP TO:

DEPARTMENT OF THE ARMY
USASCH DOL
STOR BR, BLDG 2131
SCHO BKS

HI 96857

DEPARTMENT OF THE ARMY
USASCH DOL
STOR BR, BLDG 2131
SCHO BKS

HI 96857

CUST NO: 078579 C.O.D

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

GUN CONDITION

- ☐ NEW
- ☐ LIGHTLY WORN
- ☐ WORN
- ☐ VERY WORN
- ☐ UNREPAIRABLE
- ☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

Barrel Replacement

PARTS

COMMENTS

Barrel Assy - 96002 Re Zinc - Scope Rings, Scope Base
Soft Rifle Carrying Case - 96076 Swivel Studs
Re-powder Coat - Floor plate latch
Trigger Guard, Front & Rear Sight
Bases

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW	✓	✓	✓	✓	✓
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
RW	5/4/93	5/18/93	5/18/93	5/18/93	5/18/93

OFFICE COPY

RD6925 REV. 1/92

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400109107

DEPARTMENT OF THE ARMY

USASCH DOL
STOR BR, BLDG 2131
SCHO BKS, HI 96857-5006

APR 22 '93

HI

PS METER
6131140

DA Label 18, Mar 83
Edition of Apr 59 will be used until exhausted.

REMININGTON ARMS CO., INC
ATTN: CUSTOM SHOP
14 HOFELER AVE
LLION, NY 13357

DD FORM 1348-1, SEP 87

1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		27		28		29		30		31		32		33		34		35		36		37		38		39		40		41		42		43		44		45		46		47		48		49		50		51		52		53		54		55		56		57		58		59		60		61		62		63		64		65		66		67		68		69		70		71		72		73		74		75		76		77		78		79		80	
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DOL STORAGE BRANCH P2-100												REMINGTON ARMS CO, INC ATTN: CUSTOM SHOP																																				DOLLARS												CTS.																																																																																																			
BLDG 6037 EAST RANGE												14 HOEFLER AVE																																																																																																																																																			
SCHO BKS, HI 96858-5000												ILLION, NY 13357																																																																																																																																																			
WAREHOUSE LOCATION						TYPE OF CARGO		UNIT PACK		UNIT WEIGHT		UNIT CUBE		UFC		NMFC		FREIGHT RATE		DOCUMENT DATE		MAT COND		QUANTITY																																																																																																																																							
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SELECTED BY AND DATE						TYPE OF CONTAINER(S)						TOTAL WEIGHT						RECEIVED BY AND DATE						INSPECTED BY AND DATE																																																																																																																																							
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11						12						FF						GG																																																																																																																																													
13 TRANSPORTATION CHARGEABLE TO												14 BLADING, AWB, OR RECEIVER'S SIGNATURE (AND DATE)												15 RECEIVER'S DOCUMENT NUMBER																																																																																																																																							

DD Form 1348-1, SEP 87

Jun 86 edition may be used.

FORM APPROVED. OMB NO. 0704-0188

DOD SINGLE LINE ITEM RELEASE/RECEIPT DOCUMENT

P-3106

WARNING: Unauthorized persons removing, detaching, or destroying this tag may be subject to a fine of not more than \$1,000 or imprisonment for not more than one year or both. (48 USC 1361)	FSN, PART NO. AND ITEM DESCRIPTION 1005-01-240-2136 SNIPER RIFLE SYSTEM 7.62MM M24		UNSERVICEABLE (REPARABLE) TAG - MATERIEL	
			INSPECTION ACTIVITY	CONDITION CODE F
			REASON FOR REPARABLE CONDITION	
	SERIAL NO./LOT NO. C6349160/891264	UNIT OF ISSUE EA	TAA DoI Maint Div 3009 31 MAR 93 Inspected By JUAN VISITACION	
	CONTRACT OR PURCHASE ORDER NO.	QUANTITY 1		
REMARKS NRTS: MAXIMUM Rds. THROUGH BARREL				

DATE: 24-FEB-93

MAINTENANCE REQUEST

AWAMF511

CUSTOMER DATA

UIC: WALUAA
UTIL CODE: 0

HHC 1/14TH INF BN

PHONE: (808) 655-9024

ACTIVITY DATA

SUP WON: 1763
SUP UIC: WH06C0

C CO. 225 FSB

PHONE: 655-2679

SHOP SEC: B

EQUIPMENT DATA

TYPE MNT REQ: 1 ID: A NSN: 1005012402136 MODEL: M24 SWS

NDUN: 7.62MM SNIPER SYSTEM SER NUM: C6349160/891264 QTY: 00001

DRG WON: ALUAA1300747 PRIORITY: 03/13 FAILURE DETECTED: F

MI/KM: 000000 HOURS: 000000 ROUNDS: 000000

IN WARRANTY: N LEVEL OF WORK: F ADMIN NUM:

MALFUNCTION/REMARKS: BARREL SCRATCHES/

PD AUTHENTICATING SIGNATURE: *[Signature]*

SIGNATURE DATA

SUBMITTED BY: *[Signature]*

ORD DATE: 93075

MIL TIME:

ACCEPTED BY: *[Signature]*

STATUS:

ORD DATE: 93075

MIL TIME:

ACTION DATA

WORK STARTED BY: *[Signature]*

STATUS: B

ORD DATE: 93095

MIL TIME:

INSPECTED BY: *[Signature]*

STATUS: R

ORD DATE: 93095

MIL TIME:

PICKED UP BY: *[Signature]*

STATUS: U

ORD DATE: 93097

MIL TIME:

COMPLETION DATA

QTY RPR:

QTY CONDEMNED:

NRTS:

EVAC WON:

EVAC UNIT NAME:

COPY 3

M2400109112

GFM

CONTRACT # DAAA21-87-C-0086

New Barrel

GUN SERIAL # C63 49160

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		5/4/93	RW
600	Proof		5/4/93	RW
607	Check Headspace		5/4/93	RW
610	Dis-assemble Gun		5/4/93	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/13/93	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/13/93	RW
	C) Inspect Ejector Hole for Chamfer		5/13/93	RW
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS				DATE	INIT
625 cont.	F) Safety On Force						
	G) Safety Off Force						
	H) Trigger Pull Test & Retainability						
	I) Firing Pin Indent						
	J) Assemble Stock						
	K) Assemble Swivel Studs						
	L) Attach Front and Rear Sight Assemblies						
	M) Iron Sight Alignment						
	N) Detach Front & Rear Sights & place in numbered container						
	O) Attach Scope to Rifle						
	P) Detach & Attach Scope 20 Times						
630	Gallery Target & Test						
	A) Time						
	B) Malfunctions						
	C) Pierced Primers						
	D) Optical Clarity of Scope						
645	Inspect for Live Ammo					5/18/93	RW
655	Final Inspection						
	A) Headspace					5/18/93	RW
	B) Trigger Pull						
	C) Function					5/18/93	RW
660	Pack						

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349160
21 May 1993

CENTROIDAL DISTANCES

0 TO	1	.895863
1 TO	2	.692407
1 TO	3	.308561
1 TO	4	1.43254
1 TO	5	1.58817

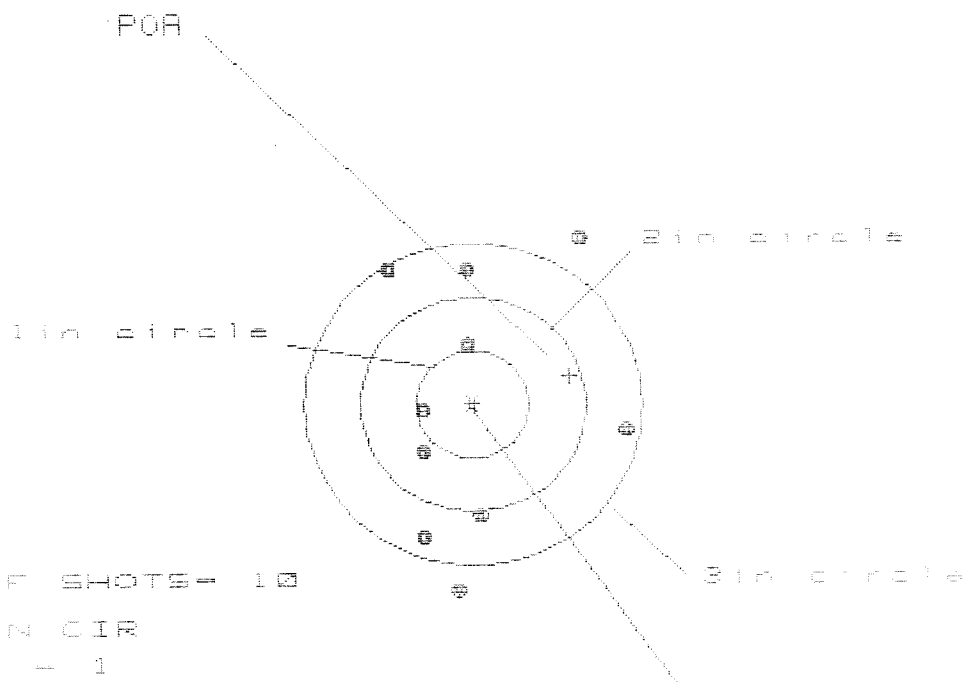
4
3 + 5 (----FOR
2

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2644
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0504
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .269161
THE AMR FOR THIS RIFLE IS: .9862

21 May 1993

FILE:/PATTERNING/CENTERFIRE_PATT/C6349160

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 3

3 in = 6

HS = 2.065

VS = 3.257

GS = 3.426

CENTROID *

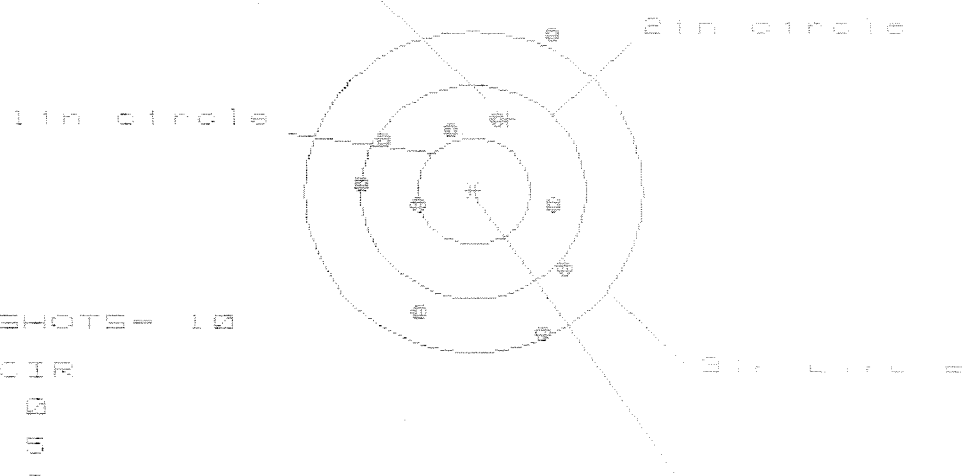
PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.333	1.434	1.427
MINIMUM X	:	-0.732	-0.631	-0.638
MAXIMUM Y	:	1.550	1.477	1.286
MINIMUM Y	:	-1.707	-1.535	1.210
CENTROID X	:	-0.857	-0.958	-0.951
CENTROID Y	:	-0.261	-0.433	-0.242
R TO CENTROID in.	:	0.896	1.051	0.981
MIN RADIUS	:	0.415	0.349	0.322
MEAN RADIUS	:	1.143	1.041	0.973
MAX RADIUS	:	1.797	1.535	1.444
HORIZONTAL SPREAD	:	2.065	2.065	2.065
VERTICAL SPREAD	:	3.257	3.012	2.496
EXTREME SPREAD	:	3.426	3.013	2.525
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	6		

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CENTERFIRE PATTERNS # 2

FOR



OF SHOTS= 10

IN CIR

1in = 0

2in = 5

3in = 5

HS= 1.876

VS= 2.868

GS= 2.870

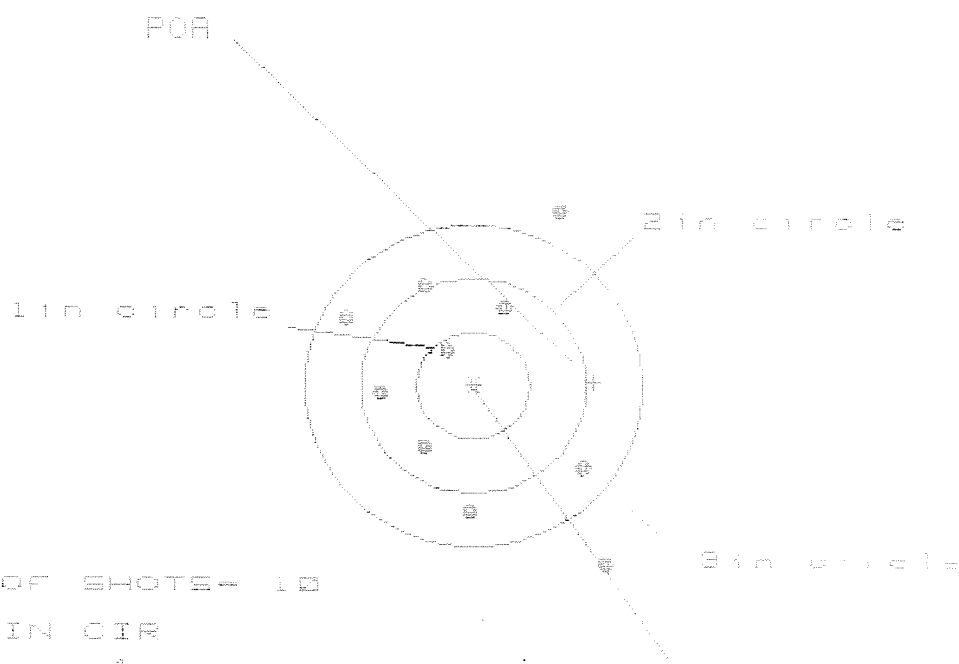
CENTROID :

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.832	.908	.991
MINIMUM X	:	-1.044	-.968	-.885
MAXIMUM Y	:	1.518	.898	.743
MINIMUM Y	:	-1.350	-1.182	-1.096
CENTROID X	:	-.305	-.381	-.464
CENTROID Y	:	-.679	-.847	-.700
FOR TO CENTROID in.	:	.744	.929	.839
MIN RADIUS	:	.551	.471	.392
MEAN RADIUS	:	1.007	.931	.845
MAX RADIUS	:	1.664	1.355	1.197
HORIZONTAL SPREAD	:	1.876	1.876	1.876
VERTICAL SPREAD	:	2.868	2.072	1.833
EXTREME SPREAD	:	2.870	2.266	2.048
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 5

PS= 2.354

SE= 3.277

ES= 3.384

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.178	1.080	1.101
MINIMUM X	-1.176	-1.045	-1.004
MAXIMUM Y	1.640	1.458	1.000
MINIMUM Y	-1.637	-1.356	-1.173
CENTROID X	-1.066	-1.197	-1.308
CENTROID Y	-.034	.148	-.035
POA TO CENTROID IN.	1.066	1.206	1.308
MIN RADIUS	.425	.202	.332
MEAN RADIUS	1.139	.994	.895
MAX RADIUS	2.017	1.708	1.437
HORIZONTAL SPREAD	2.354	2.125	2.125
VERTICAL SPREAD	3.277	2.814	2.166
EXTREME SPREAD	3.384	2.913	2.568
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	5		

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CENTERFIRE PATTERNS # 4

FOR

1 in circle

2 in circle

3 in circle

BEST OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 10

HS= 1.468

VS= 2.398

ES= 2.551

ENTERED #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.735	.743	.783
MINIMUM X	:	-.743	-.725	-.885
MAXIMUM Y	:	1.056	.968	.728
MINIMUM Y	:	-1.334	-1.440	-1.336
CENTROID X	:	.199	.181	.141
CENTROID Y	:	.707	.855	1.010
POP TO CENTROID in.	:	.734	.874	1.044
MIN RADIUS	:	.522	.385	.252
MEAN RADIUS	:	1.054	.995	.892
MAX RADIUS	:	1.344	1.475	1.501
HORIZONTAL SPREAD	:	1.468	1.468	1.468
VERTICAL SPREAD	:	2.398	2.348	2.064
EXTREME SPREAD	:	2.551	2.551	2.323
NUMBER IN ONE INCH CIRCLE =	:		0	
NUMBER IN TWO INCH CIRCLE =	:		3	
NUMBER IN THREE INCH CIRCLE =	:		10	

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CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in - 4

2 in - 9

3 in - 10

HS- 2.029

VS= 1.089

GS= 2.086

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.939	.818	.693
MINIMUM X	:	-1.090	-.617	-.515
MAXIMUM Y	:	.474	.436	.450
MINIMUM Y	:	-.615	-.653	-.639
CENTROID X	:	.707	.828	.726
CENTROID Y	:	.015	.053	.040
POA TO CENTROID in.	:	.707	.830	.727
MIN RADIUS	:	.062	.086	.031
MEAN RADIUS	:	.588	.528	.470
MAX RADIUS	:	1.142	.825	.724
HORIZONTAL SPREAD	:	2.029	1.435	1.148
VERTICAL SPREAD	:	1.089	1.089	1.089
EXTREME SPREAD	:	2.086	1.493	1.311
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	