

C6594606

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

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: **RE00093104**Serial: C6594608 Model: M24 SWS CenterFire
Caliber: 7.62 NATO

Repairman:

Status: Closed 2/14/2005 8:53:06 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: ODB 320 Bco 1st BN3rd SFG A

ODB 320 Bco 1st BN3rd SFG A

Address 1: ATTN SGT CARLOS BETANCOURT

ATTN SGT CARLOS BETANCOURT

Address 2: BLDG E 1646 KUWAIT ST

PO Box:

BLDG E 1646 KUWAIT ST

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: 910 432 3918

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A042	Adjustable Butt Pad	1

Repair Search

Refresh

Close

neg/etj

2/14/2005

9:49 AM

CAPS

NUM

INS

SCPL

start

5

2

4

Arms Services

Serial
Number:**C6594608**Model: **M24 SWS****RE00093104**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594608.__3
FILE DATE AND TIME: 02/15/2005 09:13

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.130
The Average Y Centroid of the Five Target Set:	0.028
The Average Point of Impact of the Five Target Set:	0.133
The Average Mean Radius of the Five Target Set:	0.757
The Distance from POA to Centroid Target #1:	0.143
The Distance from Centroid Target #2 to Centroid Target #1:	0.034
The Distance from Centroid Target #3 to Centroid Target #1:	0.411
The Distance from Centroid Target #4 to Centroid Target #1:	0.218
The Distance from Centroid Target #5 to Centroid Target #1:	0.029

SERIAL NUMBER: C6594608. __3

TARGET NUMBER: 1

FILE DATE: 02/15/2005

FILE TIME: 09:13

X CENTROID: -0.127

Y CENTROID: -0.065

POA TO CENTROID: 0.143

HORZ SPREAD: 1.381

VERT SPREAD: 1.096

GROUP SPREAD: 1.403

MIN RADIUS: 0.191

MAX RADIUS: 0.833

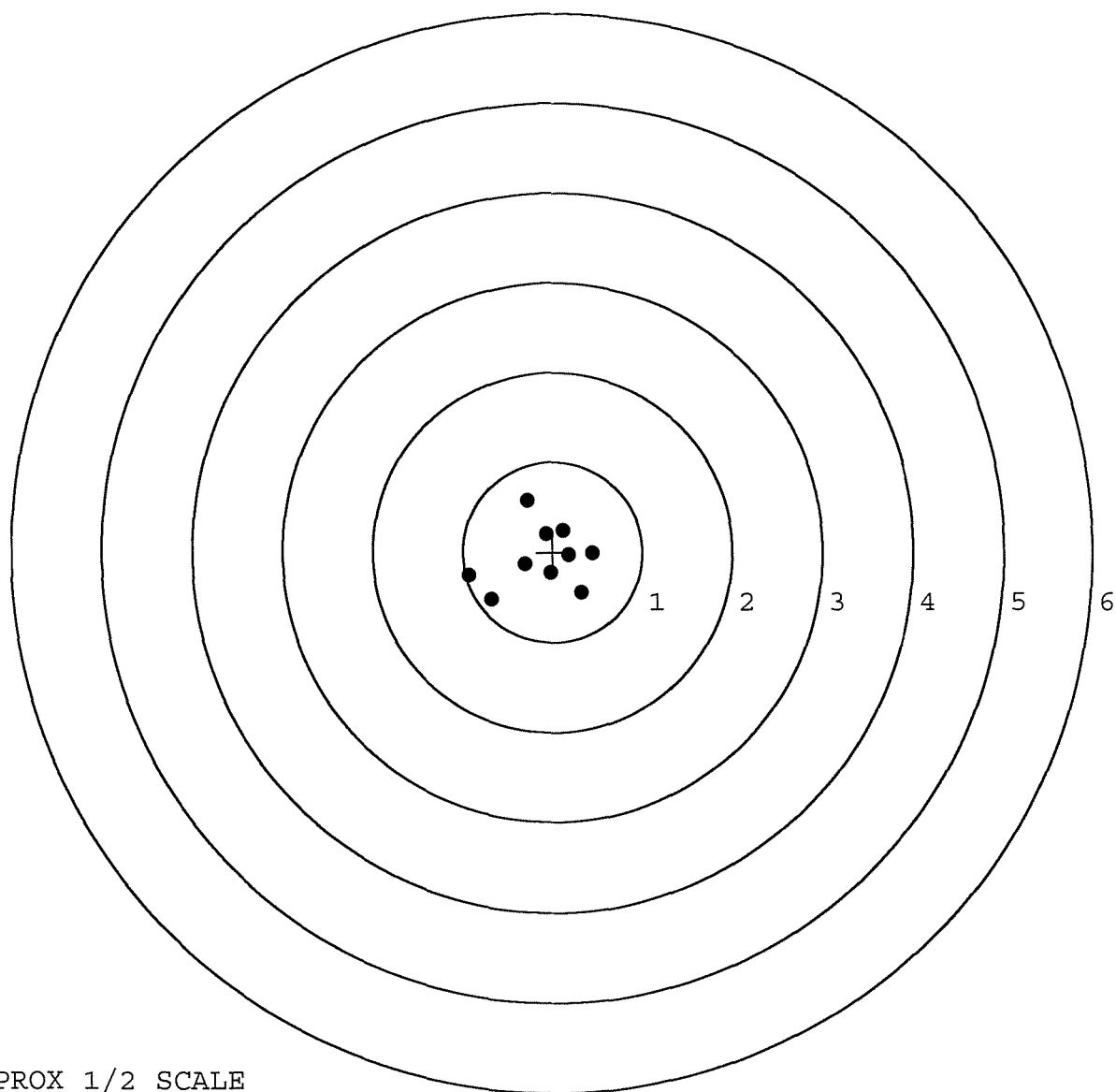
MEAN RADIUS: 0.474

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.683	-0.523
2:	-0.936	-0.264
3:	-0.291	0.573
4:	0.445	-0.015
5:	0.326	-0.451
6:	-0.317	-0.140
7:	-0.077	0.204
8:	0.115	0.237
9:	0.176	-0.039
10:	-0.032	-0.230



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594608. __3

TARGET NUMBER: 2

FILE DATE: 02/15/2005

FILE TIME: 09:13

X CENTROID: -0.100

Y CENTROID: -0.044

POA TO CENTROID: 0.109

HORZ SPREAD: 2.577

VERT SPREAD: 1.510

GROUP SPREAD: 2.582

MIN RADIUS: 0.365

MAX RADIUS: 1.684

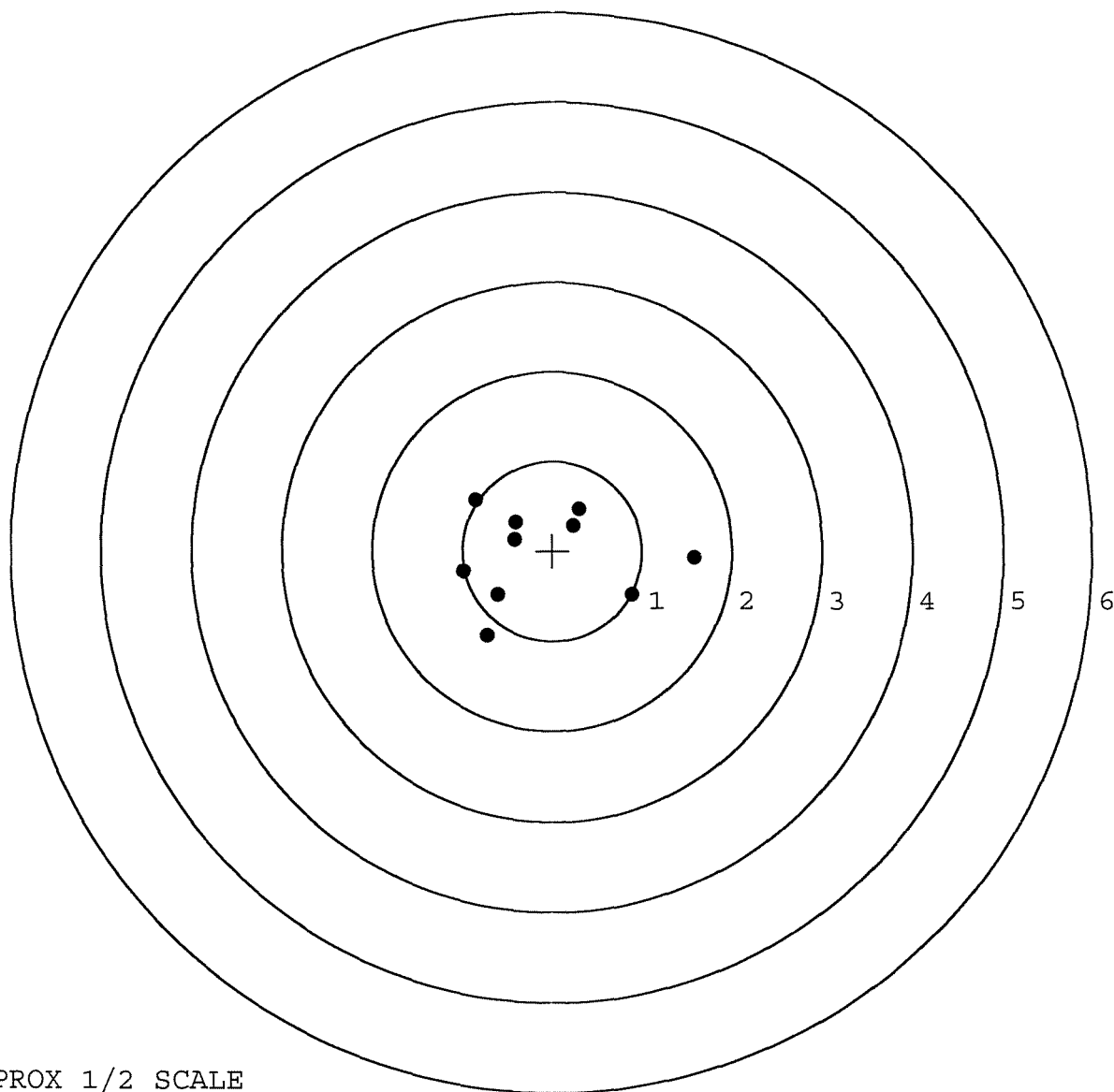
MEAN RADIUS: 0.839

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.584	-0.074
2:	0.893	-0.480
3:	-0.724	-0.941
4:	-0.610	-0.489
5:	-0.993	-0.232
6:	-0.410	0.322
7:	-0.421	0.130
8:	-0.858	0.569
9:	0.300	0.468
10:	0.239	0.285

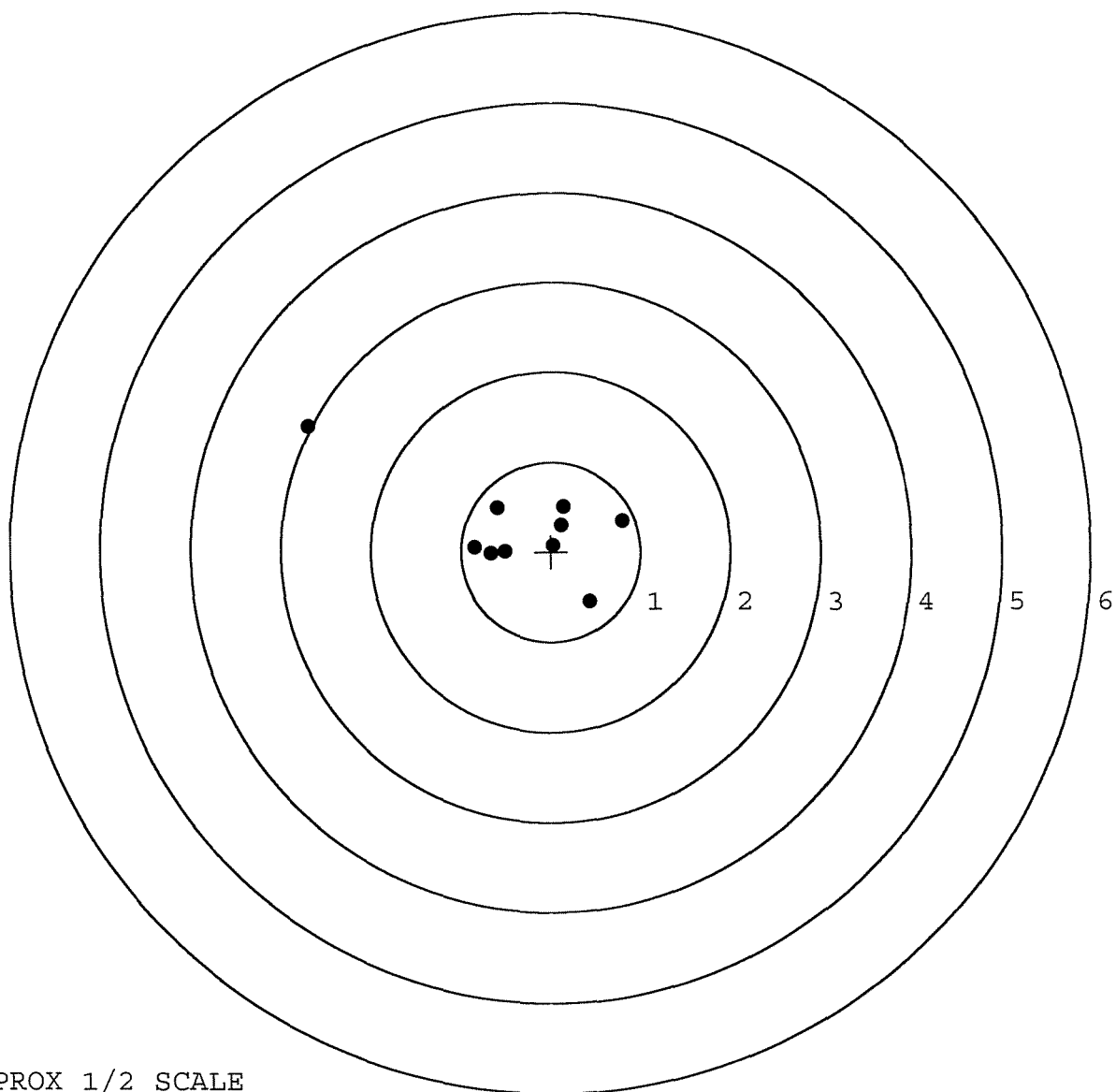


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594608. __3
 TARGET NUMBER: 3
 FILE DATE: 02/15/2005
 FILE TIME: 09:13

X CENTROID: -0.384
 Y CENTROID: 0.257
 POA TO CENTROID: 0.462
 HORZ SPREAD: 3.492
 VERT SPREAD: 1.947
 GROUP SPREAD: 3.699
 MIN RADIUS: 0.290
 MAX RADIUS: 2.583
 MEAN RADIUS: 0.796
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.787	0.347
2:	0.440	-0.557
3:	-2.705	1.390
4:	-0.601	0.489
5:	-0.852	0.052
6:	-0.516	-0.002
7:	0.024	0.069
8:	0.119	0.299
9:	0.135	0.502
10:	-0.673	-0.022



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594608. __3

TARGET NUMBER: 4

FILE DATE: 02/15/2005

FILE TIME: 09:13

X CENTROID: 0.063

Y CENTROID: 0.043

POA TO CENTROID: 0.076

HORZ SPREAD: 2.331

VERT SPREAD: 1.931

GROUP SPREAD: 3.027

MIN RADIUS: 0.242

MAX RADIUS: 1.791

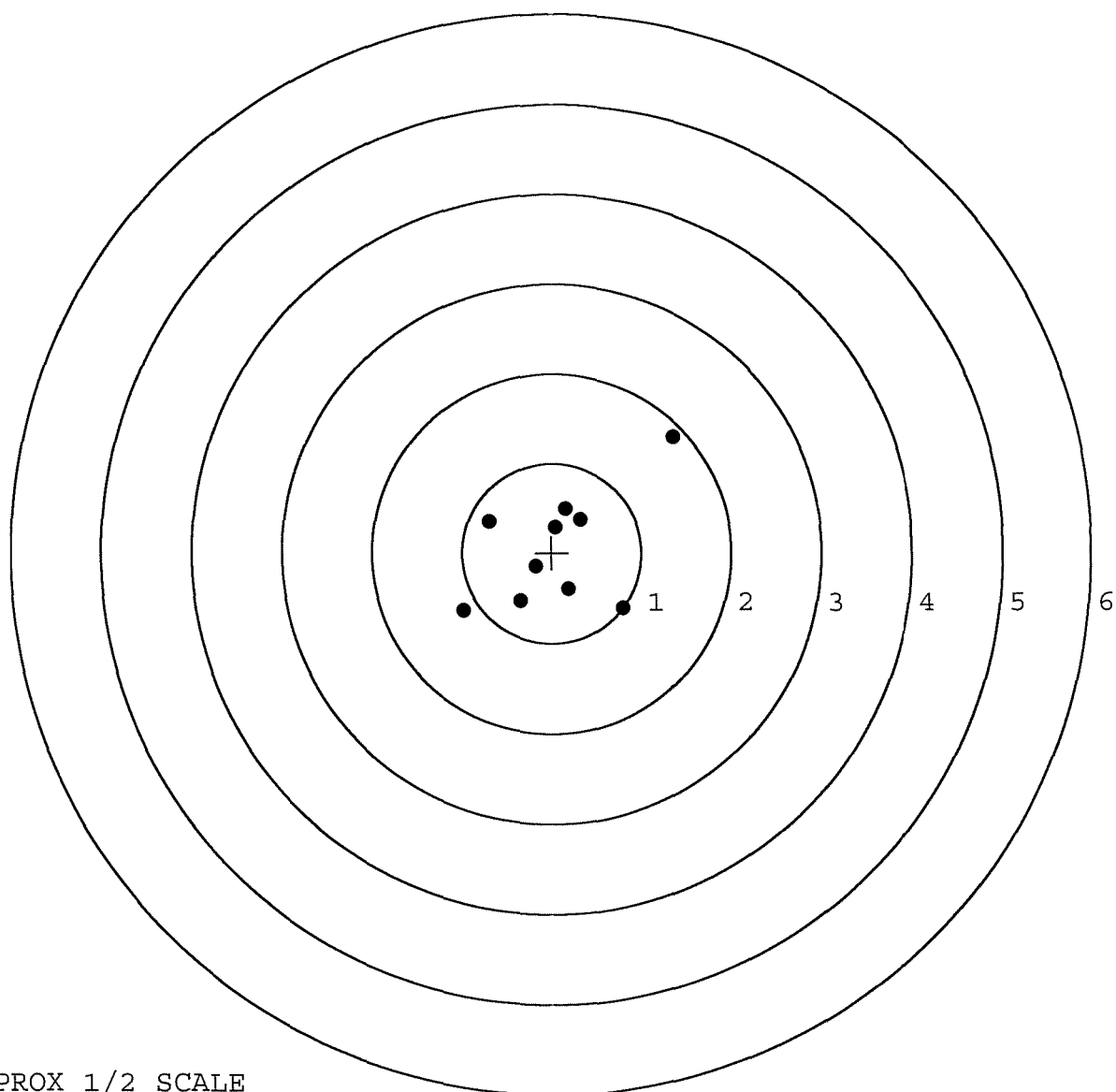
MEAN RADIUS: 0.746

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.348	1.290
2:	0.798	-0.619
3:	-0.983	-0.641
4:	-0.701	0.353
5:	0.151	0.493
6:	0.316	0.367
7:	0.045	0.284
8:	0.181	-0.412
9:	-0.183	-0.154
10:	-0.347	-0.535



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594608. __3

TARGET NUMBER: 5

FILE DATE: 02/15/2005

FILE TIME: 09:13

X CENTROID: -0.103

Y CENTROID: -0.050

POA TO CENTROID: 0.115

HORZ SPREAD: 2.602

VERT SPREAD: 2.002

GROUP SPREAD: 2.853

MIN RADIUS: 0.127

MAX RADIUS: 1.760

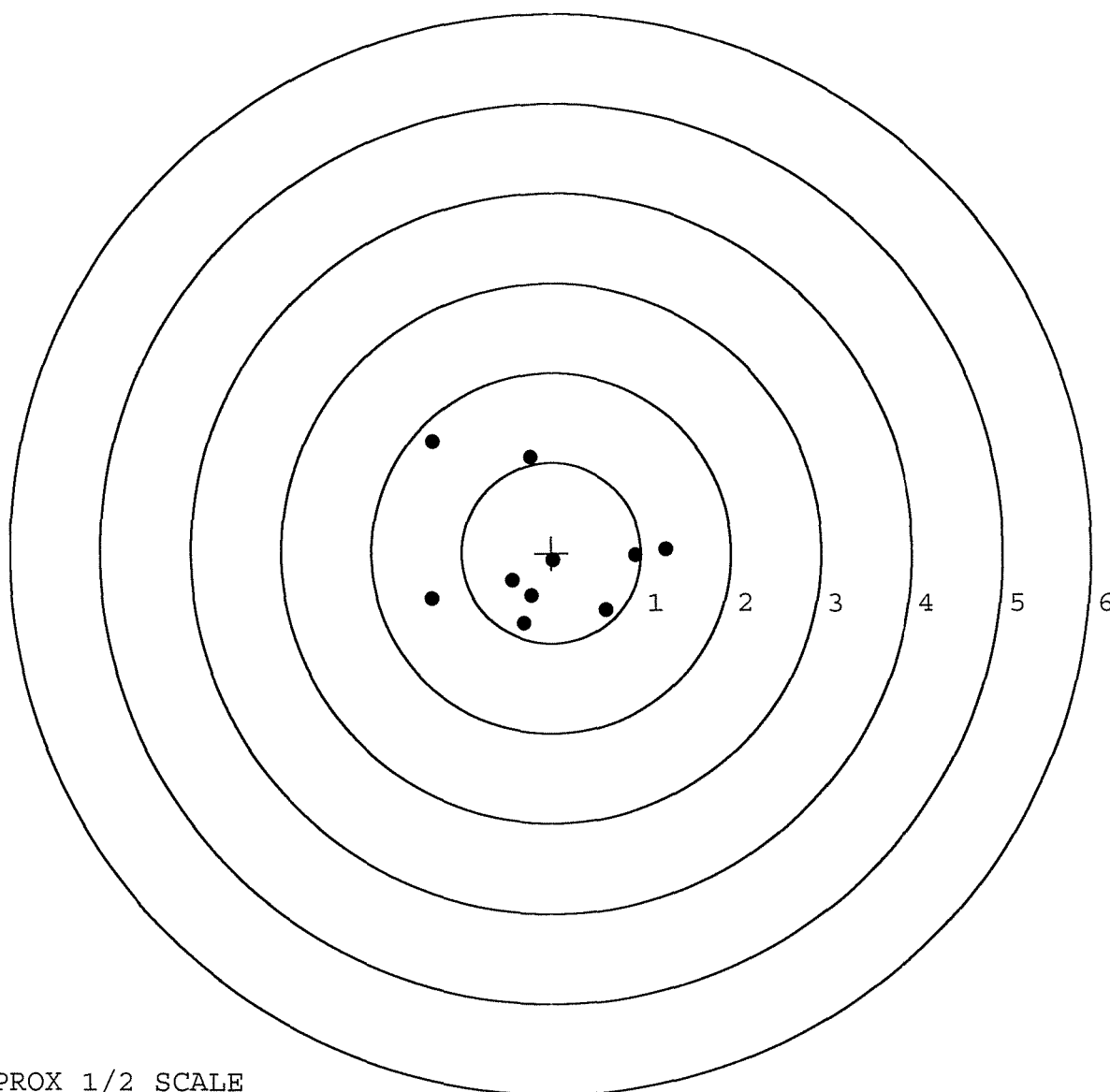
MEAN RADIUS: 0.928

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.277	0.042
2:	0.934	-0.021
3:	0.608	-0.633
4:	0.020	-0.082
5:	-1.325	-0.517
6:	-0.239	1.056
7:	-1.320	1.222
8:	-0.444	-0.308
9:	-0.231	-0.475
10:	-0.312	-0.780



TARGET APPROX 1/2 SCALE

INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)

3.00 LBS (plus or minus 0.75 LBS)

4.00 LBS (plus or minus 1.00 LBS)

DATE

2-14-05

TESTER

TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.62	2.47		2.31	
PULL #2	2.39	2.44		2.35	
PULL #3	2.46	2.48		2.39	
PULL #4	2.50	2.41		2.37	
PULL #5	2.50	2.47		2.52	
TOTAL	12.47	12.27		11.94	
AVERAGE	2.49	2.45		2.38	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.45	3.10		
PULL #2	3.49	3.10		
PULL #3	3.11	3.36		
PULL #4	3.01	3.13		
PULL #5	3.23	3.16		
TOTAL	16.29	15.85		
AVERAGE	3.25	3.17		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.31	4.07		4.06
PULL #2	4.07	4.20		3.90
PULL #3	4.10	4.16		4.07
PULL #4	3.89	4.02		4.05
PULL #5	4.05	4.02		4.36
TOTAL	20.42	20.47		20.44
AVERAGE	4.08	4.09		4.08

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

R & E NUMBER	93104				
SERIAL NUMBER	C659 4608				
LOG-IN DATE	2-14-05				
INSPECT AND VERIFY:					
OPERATION #	OPERATION NAME	DATE	INITIAL		
550	DIS-ASSEMBLE GUN	N/A	A		
560 A	RE-BARREL				
B	DRILL AND TAP				
575	ASSEMBLE				
600	PROOF				
605	CHECK HEADSPACE				
610	DIS-ASSEMBLE GUN				
612	MAGNAFLUX				
615	ROLLMARK CALIBER				
618	ROTO-BLAST			2-23-05	RTL
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	2-15-05	RTL		
655	FINAL INSPECT	2-23-05	RTL		
660	PACK	2-23-05	DA		
		SHIP DATE			
QAR INSPECTION DATE					

Remington[®]


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

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

MODEL 700TM M24

SERIAL NO.
C6594606

ORDER NO.
5716

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

20


5716 C6594606

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # **C6594606**

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		12/26/90	K.S.
600	Proof		12/26/90	K.S.
607	Check Headspace		12/26/90	K.S.
610	Dis-assemble Gun		12/26/90	K.S.
612	Magnaflux Barrel Action		1-7-91	KR
	Magnaflux Bolt		1-7-91	KR
615	Rollmark Caliber		1-7-91	KR
617	Drill and Tap Sight Holes	1 10 9 1	10 9 1	FB
618	Polish Barrel	1 10 9 1	10 9 1	WB
620	Apply Coatings (Barrel Action)		1-26-91	JA
	Apply Coating (Bolt)		1-26-91	JA
625	Final Assembly		2/6/91	KA
	A) Clean inside of Bolt Assembly		2/6/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/6/91	KA
	C) Inspect Ejector Hole for Chamfer		2/6/91	KA
	D) Oil Firing Pin Ass'y		2/6/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		2/7/91	JA

Op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			2/7/91	WB
	G) Safety Off Force	3	3	3			2/7/91	WB
	H) Trigger Pull Test & Retainability						2/7/91	828
	I) Firing Pin Indent	.0205	.0205	.0205			2/7/91	WB
	J) Assemble Stock						2/7/91	KS
	K) Assemble Swivel Studs						2-21-91	A
	L) Attach Front and Rear Sight Assemblies						2/7/91	KS
	M) Iron Sight Alignment						2/7/91	KS
	N) Detach Front & Rear Sights & place in numbered container						2/7/91	KS
	O) Attach Scope to Rifle						2/7/91	KS
	P) Detach & Attach Scope 20 Times						2/7/91	KS
640	Gallery Target & Test						2-8-91	DH
	A) Time						2-8-91	DH
	B) Malfunctions						2-8-91	DH
	C) Pierced Primers						2-8-91	DH
	D) Optical Clarity of Scope						2-8-91	DH
645	Inspect for Live Ammo						2-8-91	DH
655	Final Inspection							
	A) Headspace						2-21-91	Ar
	B) Trigger Pull	2.65	2.66	2.67	2.69	2.60	2/14/91	WB
	C) Function						2-21-91	K
660	Pack						2-15-91	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6594606

DATE 2/7/91

TESTER JEP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.32	2.47	2.43	2.68	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.24	2.47	2.40	2.66	
PULL #3	2.27	2.41	2.40	2.67	
PULL #4	2.27	2.50	2.48	2.69	
PULL #5	2.23	2.49	2.48	2.60	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.30		
PULL #2	3.36	3.18		
PULL #3	3.27	3.25		
PULL #4	3.28	3.28		
PULL #5	3.20	3.30		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.22	4.26		4.40
PULL #2	4.10	4.31		4.38
PULL #3	4.44	4.23		4.38
PULL #4	4.23	4.39		4.34
PULL #5	4.27	4.33		4.35
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594606
8 Feb 1991

CENTROIDAL DISTANCES

0 TO	1	.21001
1 TO	2	.194003
1 TO	3	.269676
1 TO	4	.09996
1 TO	5	.230653

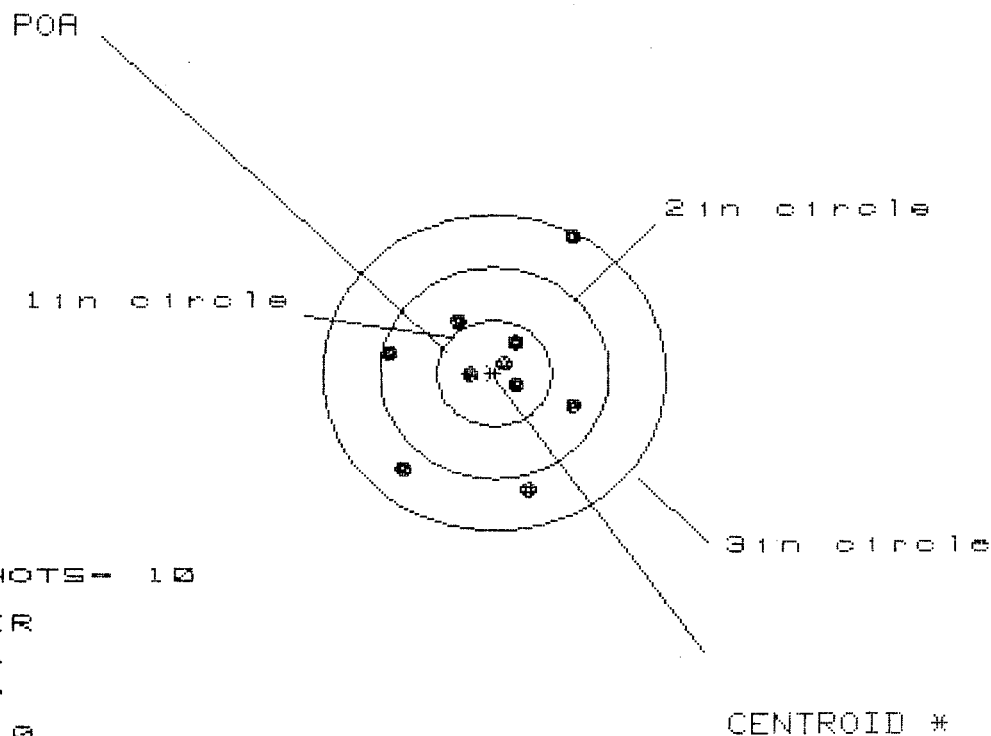
$\bar{x}_2$ <----POR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1614
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0464
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .167937
THE AMP FOR THIS RIFLE IS: .7904

8 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594686

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 10

HS= 1.532

VS= 2.383

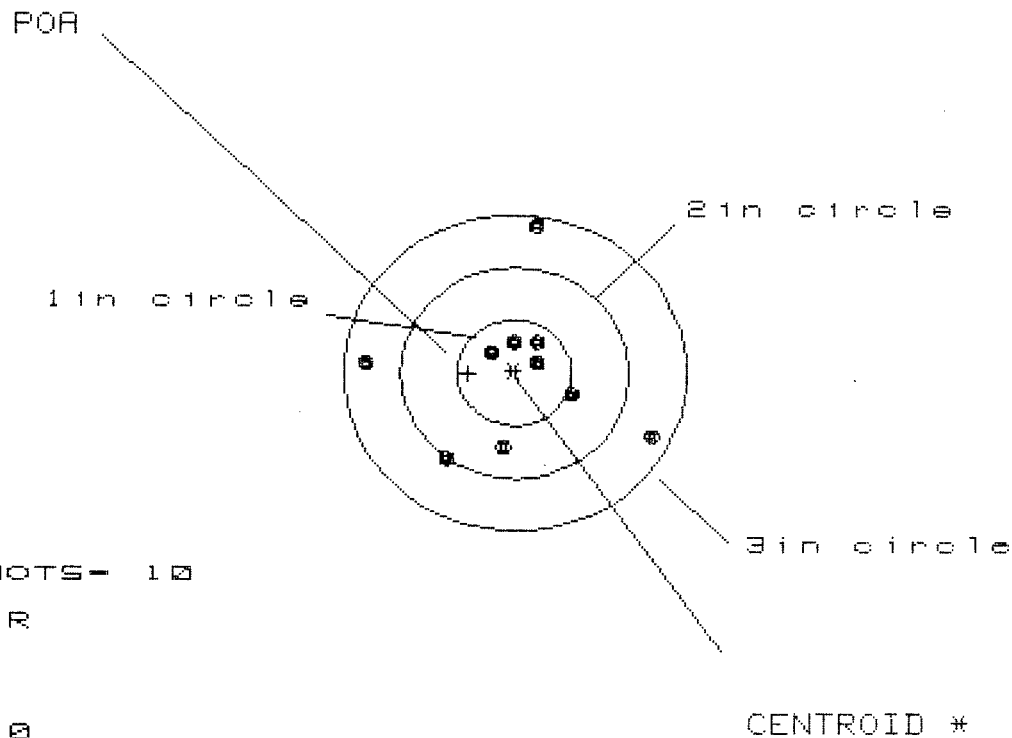
GS= 2.648

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.671	.745	.655
MINIMUM X	-.861	-.787	-.877
MAXIMUM Y	1.306	.609	.515
MINIMUM Y	-1.077	-.932	-1.026
CENTROID X	.210	.136	.225
CENTROID Y	.002	-.143	-.049
POA TO CENTROID in.	.210	.198	.231
MIN RADIUS	.152	.148	.190
MEAN RADIUS	.687	.620	.531
MAX RADIUS	1.467	1.043	1.062
HORIZONTAL SPREAD	1.532	1.532	1.532
VERTICAL SPREAD	2.383	1.541	1.541
EXTREME SPREAD	2.648	1.696	1.696
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

8 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594606

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 5

2 in = 7

3 in = 10

HS= 2.481

VS= 2.157

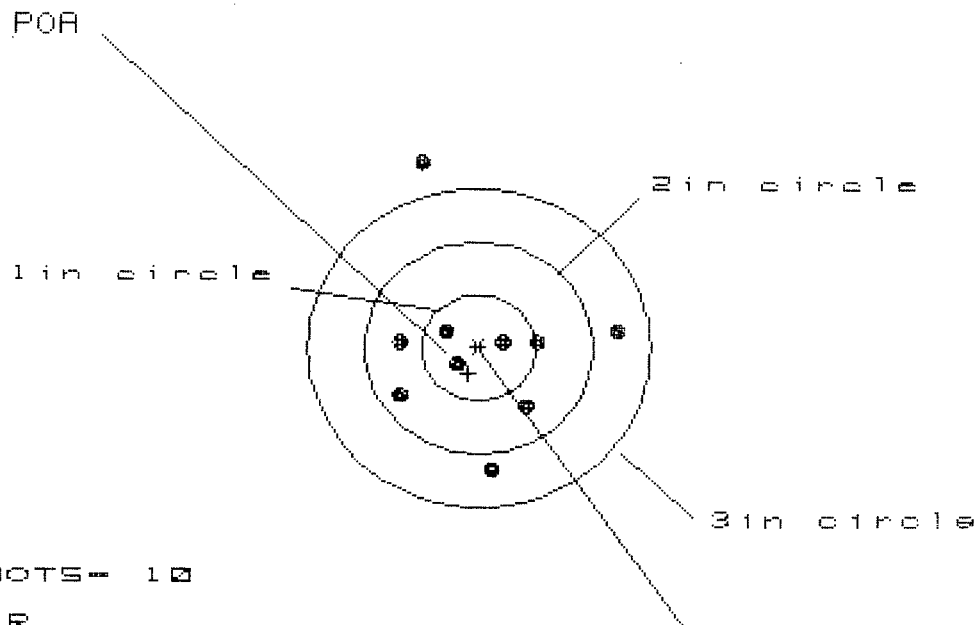
GS= 2.600

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.202	1.225	.630
MINIMUM X	:	-1.279	-1.256	-1.103
MAXIMUM Y	:	1.391	.452	.390
MINIMUM Y	:	-.766	-.611	-.673
CENTROID X	:	.404	.381	.228
CENTROID Y	:	.003	-.152	-.090
POA TO CENTROID in.	:	.404	.410	.245
MIN RADIUS	:	.222	.334	.278
MEAN RADIUS	:	.743	.687	.605
MAX RADIUS	:	1.407	1.320	1.126
HORIZONTAL SPREAD	:	2.481	2.481	1.733
VERTICAL SPREAD	:	2.157	1.063	1.063
EXTREME SPREAD	:	2.600	2.600	1.764
NUMBER IN ONE INCH CIRCLE	=	5		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	10		

8 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594606

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 7

3 in = 9

HS= 1.942

VS= 2.912

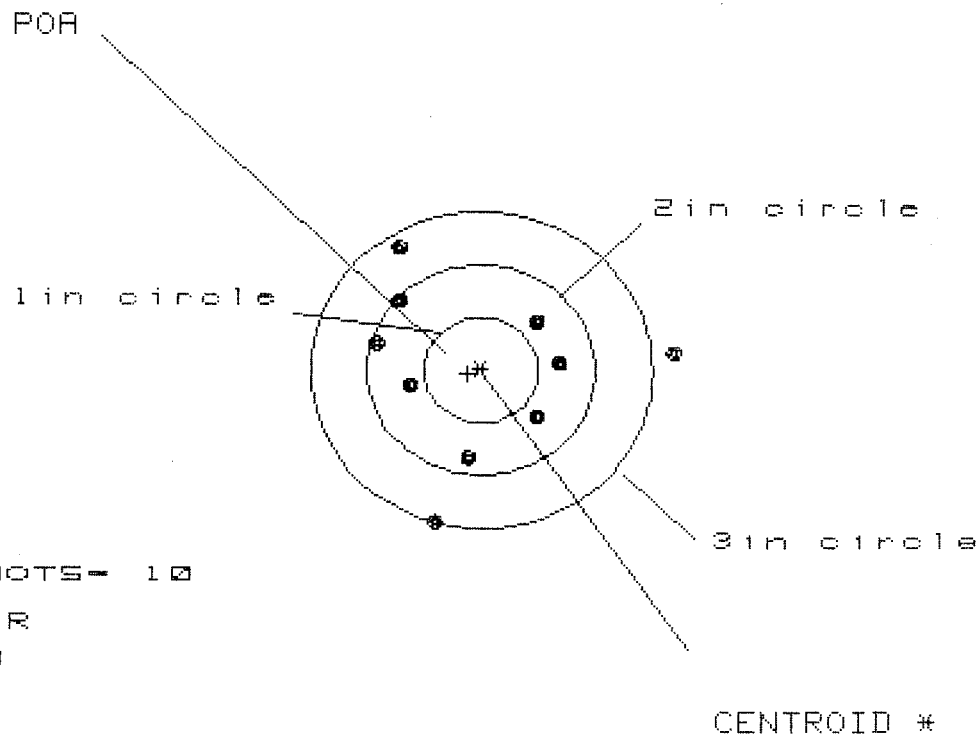
GS= 2.976

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.217	1.165	.564
MINIMUM X	:	-.725	-.777	-.632
MAXIMUM Y	:	1.760	.393	.434
MINIMUM Y	:	-1.152	-.957	-.916
CENTROID X	:	.091	.143	-.002
CENTROID Y	:	.244	.049	.008
POA TO CENTROID in.	:	.261	.151	.009
MIN RADIUS	:	.187	.300	.189
MEAN RADIUS	:	.772	.655	.574
MAX RADIUS	:	1.820	1.210	.948
HORIZONTAL SPREAD	:	1.942	1.942	1.195
VERTICAL SPREAD	:	2.912	1.350	1.350
EXTREME SPREAD	:	2.976	2.025	1.478
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

8 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594606

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 7

3 in = 8

HS= 2.599

VS= 2.665

GS= 2.692

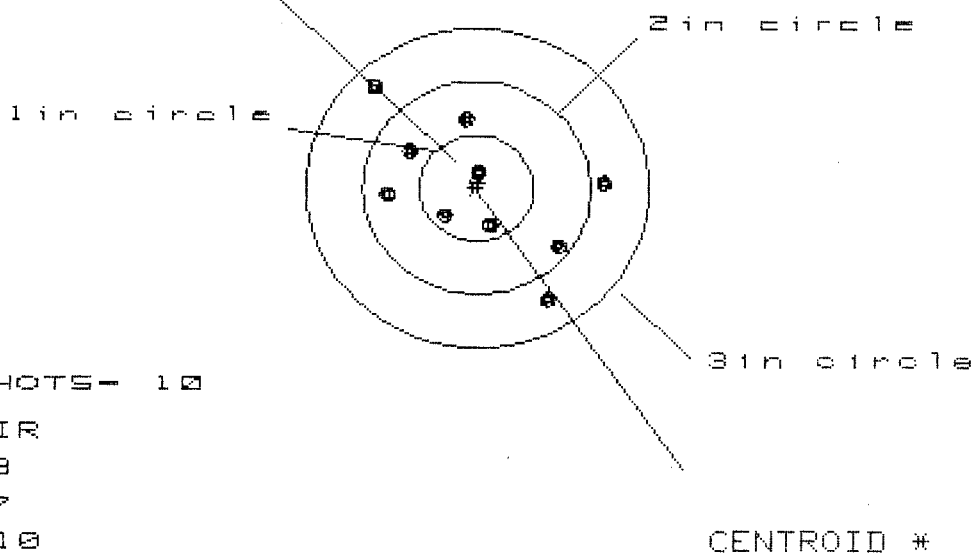
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.715	.867	.836
MINIMUM X	:	-.884	-.693	-.724
MAXIMUM Y	:	1.204	1.222	1.041
MINIMUM Y	:	-1.461	-1.443	-.951
CENTROID X	:	.116	-.075	-.044
CENTROID Y	:	.036	.018	.199
POA TO CENTROID in.	:	.121	.077	.203
MIN RADIUS	:	.610	.419	.513
MEAN RADIUS	:	.995	.900	.819
MAX RADIUS	:	1.723	1.464	1.177
HORIZONTAL SPREAD	:	2.599	1.560	1.560
VERTICAL SPREAD	:	2.665	2.665	1.992
EXTREME SPREAD	:	2.692	2.679	2.091
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

8 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06594606

CENTERFIRE PATTERNS # 5

POA



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS= 1.942

VS= 2.008

GS= 2.490

PATTERN #	5	10	9	8
SHOTS (BEST OF)	10	9	8	
MAXIMUM X	1.088	.993	1.059	
MINIMUM X	-.854	-.862	-.796	
MAXIMUM Y	.974	.783	.667	
MINIMUM Y	-1.034	-.925	-.550	
CENTROID X	-.014	.081	.015	
CENTROID Y	-.053	-.162	-.046	
POA TO CENTROID in.	.055	.181	.048	
MIN RADIUS	.185	.217	.184	
MEAN RADIUS	.755	.696	.634	
MAX RADIUS	1.295	1.063	1.062	
HORIZONTAL SPREAD	1.942	1.855	1.855	
VERTICAL SPREAD	2.008	1.708	1.217	
EXTREME SPREAD	2.490	1.860	1.860	
NUMBER IN ONE INCH CIRCLE =		3		
NUMBER IN TWO INCH CIRCLE =		7		
NUMBER IN THREE INCH CIRCLE =		10		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594606
5 Mar 1991

*Shot after
Rezero of Scope
JPH*

CENTROIDAL DISTANCES

0 TO	1	.4031
1 TO	2	.323784
1 TO	3	.257158
1 TO	4	.296007
1 TO	5	.34869

1 <----POA
2

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1948
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0354
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .19799
THE AMR FOR THIS RIFLE IS: .9152

5 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8594606.1

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 2.690

VS= 1.602

GS= 2.692

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.069	.889	.981
MINIMUM X	:	-1.621	-.869	-.777
MAXIMUM Y	:	.761	.739	.649
MINIMUM Y	:	-.841	-.863	-.953
CENTROID X	:	.403	.583	.491
CENTROID Y	:	.009	.030	.120
POA TO CENTROID in.	:	.403	.584	.506
MIN RADIUS	:	.076	.145	.168
MEAN RADIUS	:	.862	.762	.719
MAX RADIUS	:	1.632	1.129	1.063
HORIZONTAL SPREAD	:	2.690	1.758	1.758
VERTICAL SPREAD	:	1.602	1.602	1.602
EXTREME SPREAD	:	2.692	2.159	2.039
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

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CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HS= 2.087

VS= 2.743

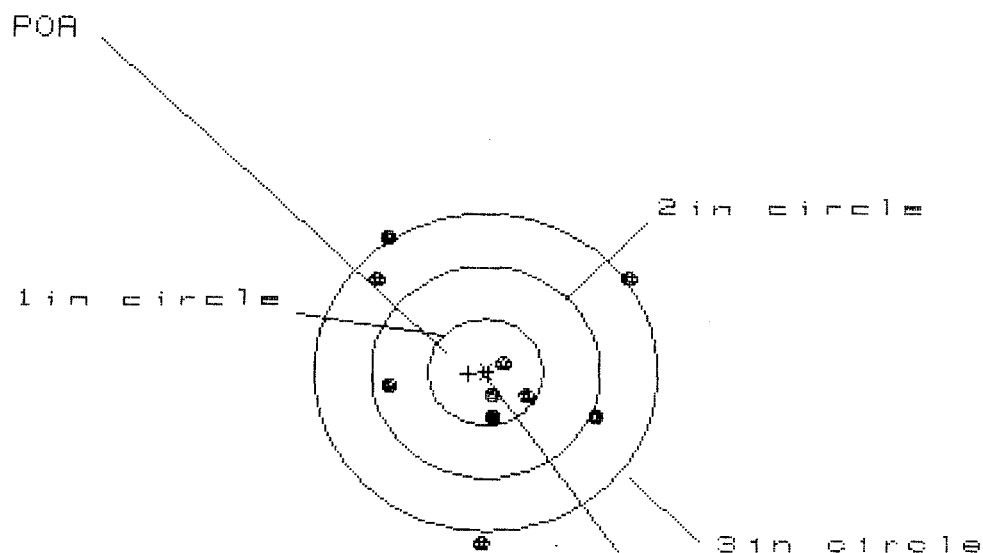
GS= 2.798

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.206	.496	.504
MINIMUM X	:	-.881	-.747	-.739
MAXIMUM Y	:	1.319	1.176	.980
MINIMUM Y	:	-1.424	-1.567	-1.018
CENTROID X	:	.259	.125	.117
CENTROID Y	:	-.281	-.138	.058
POA TO CENTROID in.	:	.382	.186	.130
MIN RADIUS	:	.296	.233	.137
MEAN RADIUS	:	.870	.740	.608
MAX RADIUS	:	1.764	1.569	1.041
HORIZONTAL SPREAD	:	2.087	1.243	1.243
VERTICAL SPREAD	:	2.743	2.743	1.998
EXTREME SPREAD	:	2.798	2.757	2.010
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 4

2 in = 5

3 in = 7

HS = 2.196

VS = 2.893

GS = 3.001

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.261	1.251	1.139
MINIMUM X	-.935	-.945	-1.058
MAXIMUM Y	1.262	1.080	.833
MINIMUM Y	-1.631	-.644	-.509
CENTROID X	.146	.156	.269
CENTROID Y	.018	.200	.065
POA TO CENTROID in.	.147	.253	.276
MIN RADIUS	.129	.141	.036
MEAN RADIUS	.909	.857	.730
MAX RADIUS	1.634	1.433	1.411
HORIZONTAL SPREAD	2.196	2.196	2.196
VERTICAL SPREAD	2.893	1.724	1.342
EXTREME SPREAD	3.001	2.476	2.282
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

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CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 10

HS= 2.258

VS= 2.558

GS= 2.728

CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.316	1.229	1.154
MINIMUM X	:	-.942	-1.029	-1.104
MAXIMUM Y	:	1.303	1.165	1.070
MINIMUM Y	:	-1.255	-1.393	-1.247
CENTROID X	:	.107	.194	.269
CENTROID Y	:	.011	.149	.003
POA TO CENTROID in.	:	.108	.244	.269
MIN RADIUS	:	.208	.208	.333
MEAN RADIUS	:	1.081	1.025	.991
MAX RADIUS	:	1.467	1.403	1.270
HORIZONTAL SPREAD	:	2.258	2.258	2.258
VERTICAL SPREAD	:	2.558	2.558	2.317
EXTREME SPREAD	:	2.720	2.595	2.433
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
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 = 3

2 in = 7

3 in = 9

HS= 2.386

VS= 2.164

GS= 3.002

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.439	.892	.815
MINIMUM X	-.947	-.787	-.864
MAXIMUM Y	1.224	1.134	.540
MINIMUM Y	-.940	-1.030	-.888
CENTROID X	.059	-.101	-.024
CENTROID Y	.066	.156	.014
POA TO CENTROID in.	.089	.186	.028
MIN RADIUS	.464	.371	.370
MEAN RADIUS	.854	.754	.682
MAX RADIUS	1.650	1.289	.999
HORIZONTAL SPREAD	2.386	1.679	1.679
VERTICAL SPREAD	2.164	2.164	1.428
EXTREME SPREAD	3.002	2.176	1.730
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	