

C6349076

MODEL 700TM M24

Model SWS TM

Action _____

Barrel Length _____

Capacity _____

Order No. 5716

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: **RE00089033**

Serial: C6349076 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 12/6/2004 7:41:35 AM

Address Information

Customer:

Received From:

Return To:

Received From:

Name: **TRANSPORTATION OFFICER**

TRANSPORTATION OFFICER

Address 1: **DEF DIST DEPOT ANNISTON AL**

DEF DIST DEPOT ANNISTON AL

Address 2: **PO Box:**

PO Box:

City: **ANNISTON**

ANNISTON

State: **AL**

Zip Code: **36201**

Country: **US**

State: **AL**

Zip Code: **36201**

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
A006	Sling Strap	1
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope V//CASE	1
A055	Deployment Kit	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

msljet

12/6/2004

8:53 AM

CAPS

NUM

INS

SCPL

start

2

2

2

2

2

2

Serial Number: **C6349076**

Model: **M24 SWS**



RE00089033

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349076.___0
FILE DATE AND TIME: 01/10/2005 10:53

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.053
The Average Y Centroid of the Five Target Set:	-0.049
The Average Point of Impact of the Five Target Set:	0.072
The Average Mean Radius of the Five Target Set:	0.685
The Distance from POA to Centroid Target #1:	0.125
The Distance from Centroid Target #2 to Centroid Target #1:	0.193
The Distance from Centroid Target #3 to Centroid Target #1:	0.205
The Distance from Centroid Target #4 to Centroid Target #1:	0.054
The Distance from Centroid Target #5 to Centroid Target #1:	0.099

SERIAL NUMBER: C6349076. __0

TARGET NUMBER: 1

FILE DATE: 01/10/2005

FILE TIME: 10:53

X CENTROID: -0.122

Y CENTROID: -0.027

POA TO CENTROID: 0.125

HORZ SPREAD: 1.940

VERT SPREAD: 1.856

GROUP SPREAD: 2.146

MIN RADIUS: 0.198

MAX RADIUS: 1.367

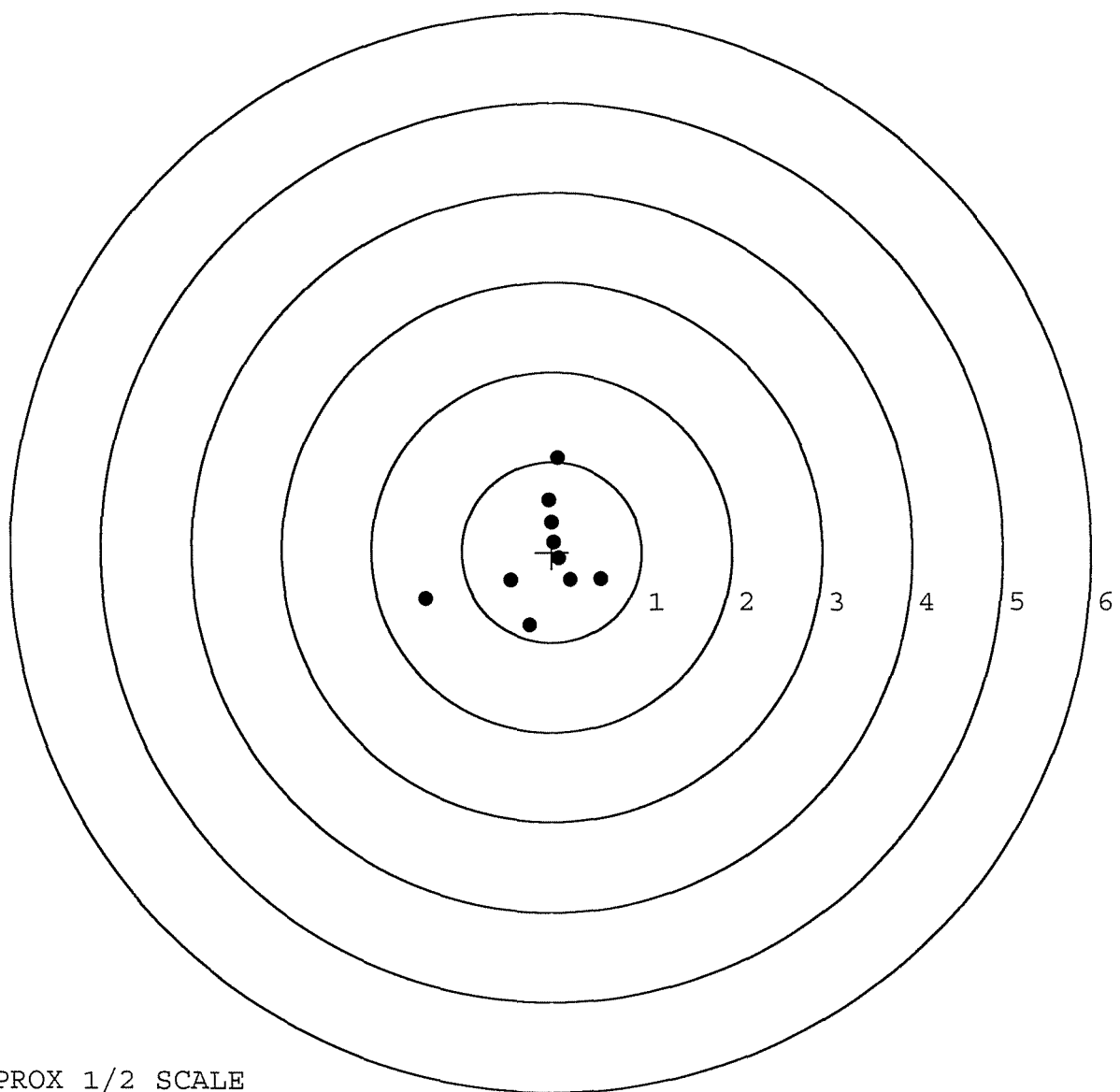
MEAN RADIUS: 0.624

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.545	-0.295
2:	0.203	-0.309
3:	-0.247	-0.811
4:	-0.465	-0.318
5:	-1.395	-0.525
6:	0.068	1.045
7:	-0.036	0.577
8:	0.006	0.332
9:	0.022	0.109
10:	0.079	-0.072

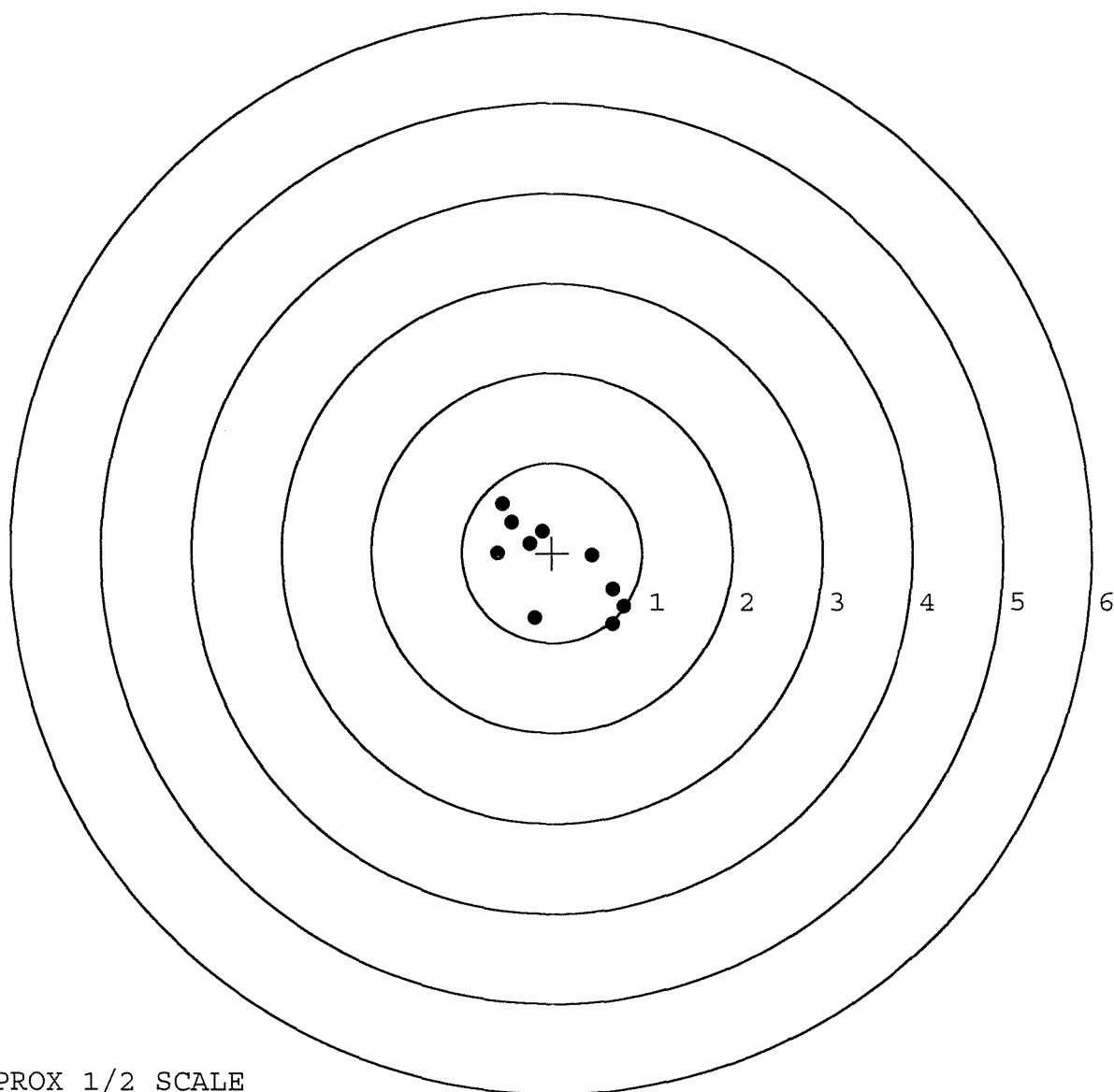


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349076. 0
TARGET NUMBER: 2
FILE DATE: 01/10/2005
FILE TIME: 10:53

X CENTROID: 0.040
Y CENTROID: -0.132
POA TO CENTROID: 0.138
HORZ SPREAD: 1.404
VERT SPREAD: 1.337
GROUP SPREAD: 1.816
MIN RADIUS: 0.373
MAX RADIUS: 0.910
MEAN RADIUS: 0.657
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.670	-0.789
2:	0.796	-0.596
3:	0.675	-0.405
4:	0.443	-0.027
5:	-0.200	-0.730
6:	-0.608	-0.004
7:	-0.559	0.548
8:	-0.112	0.236
9:	-0.252	0.100
10:	-0.454	0.342



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349076. 0

TARGET NUMBER: 3

FILE DATE: 01/10/2005

FILE TIME: 10:53

X CENTROID: 0.077

Y CENTROID: 0.023

POA TO CENTROID: 0.080

HORZ SPREAD: 1.122

VERT SPREAD: 2.200

GROUP SPREAD: 2.236

MIN RADIUS: 0.285

MAX RADIUS: 1.459

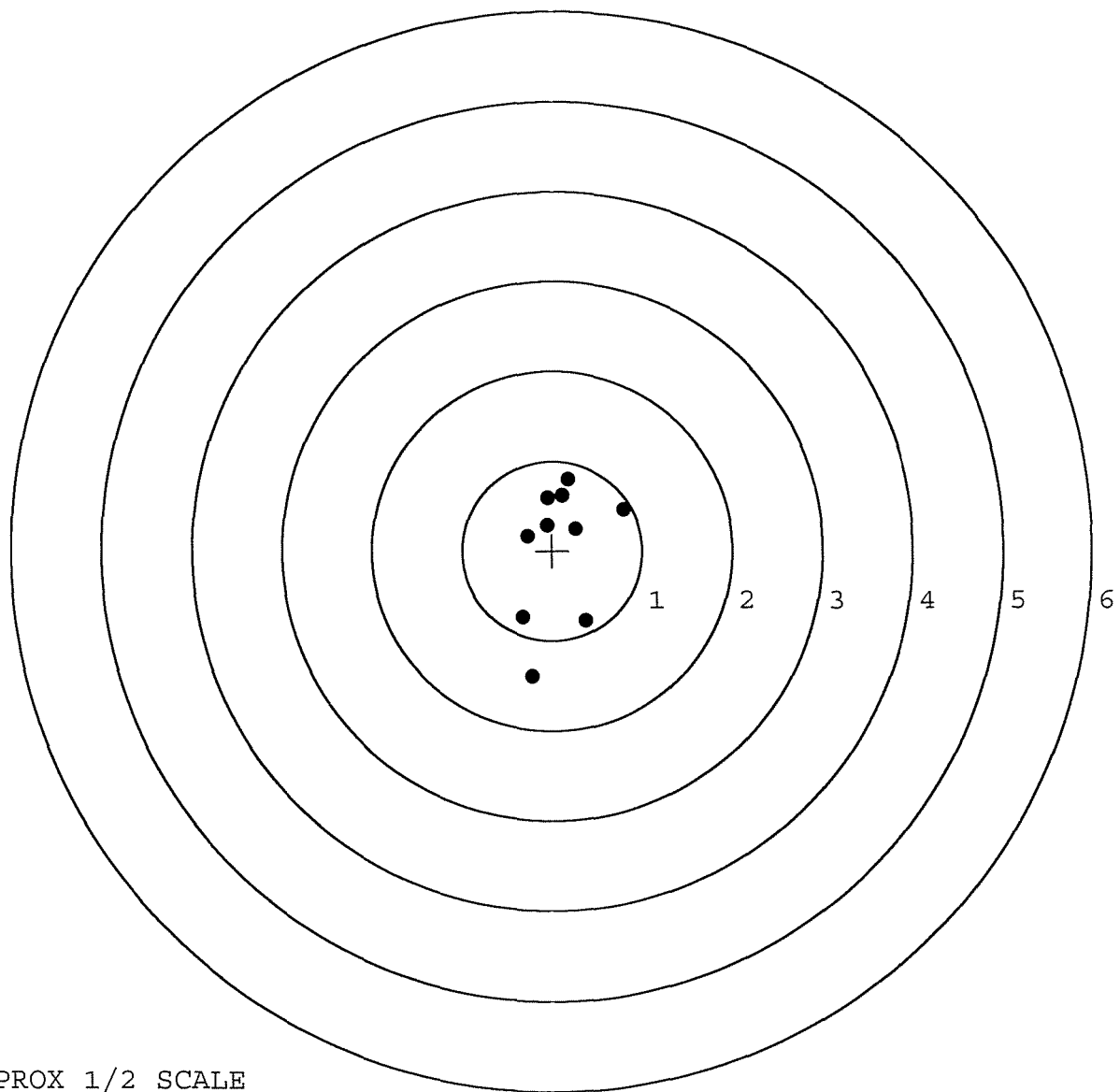
MEAN RADIUS: 0.694

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.224	-1.405
2:	0.375	-0.780
3:	-0.330	-0.742
4:	0.792	0.463
5:	0.175	0.795
6:	0.112	0.619
7:	-0.059	0.590
8:	0.260	0.241
9:	-0.056	0.285
10:	-0.280	0.161



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349076. __0

TARGET NUMBER: 4

FILE DATE: 01/10/2005

FILE TIME: 10:53

X CENTROID: -0.072

Y CENTROID: -0.006

POA TO CENTROID: 0.072

HORZ SPREAD: 1.902

VERT SPREAD: 1.469

GROUP SPREAD: 2.112

MIN RADIUS: 0.360

MAX RADIUS: 1.219

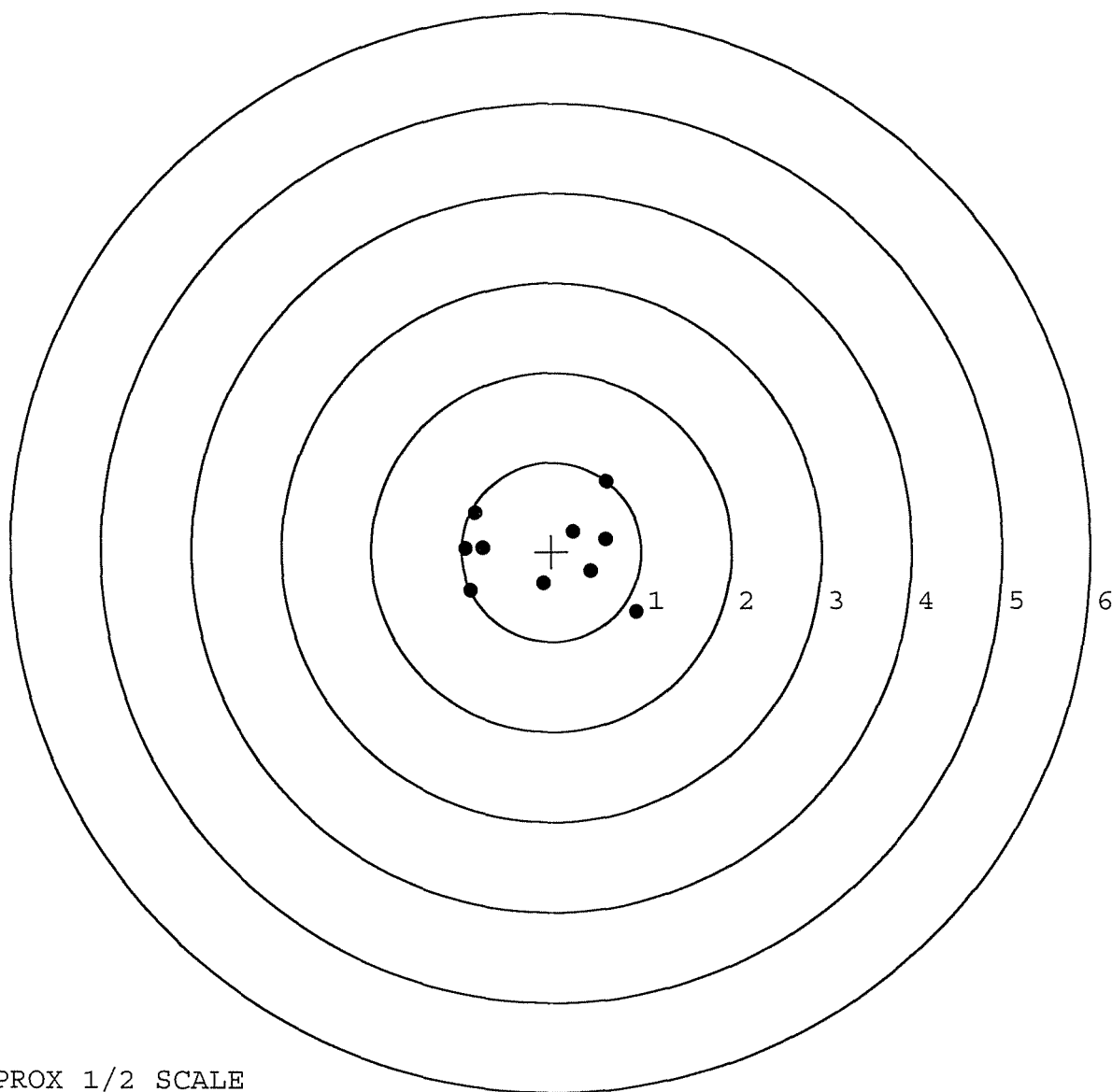
MEAN RADIUS: 0.767

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.946	-0.677
2:	0.436	-0.225
3:	0.608	0.792
4:	0.245	0.224
5:	-0.087	-0.366
6:	-0.897	-0.441
7:	-0.764	0.036
8:	-0.956	0.028
9:	-0.851	0.432
10:	0.602	0.135

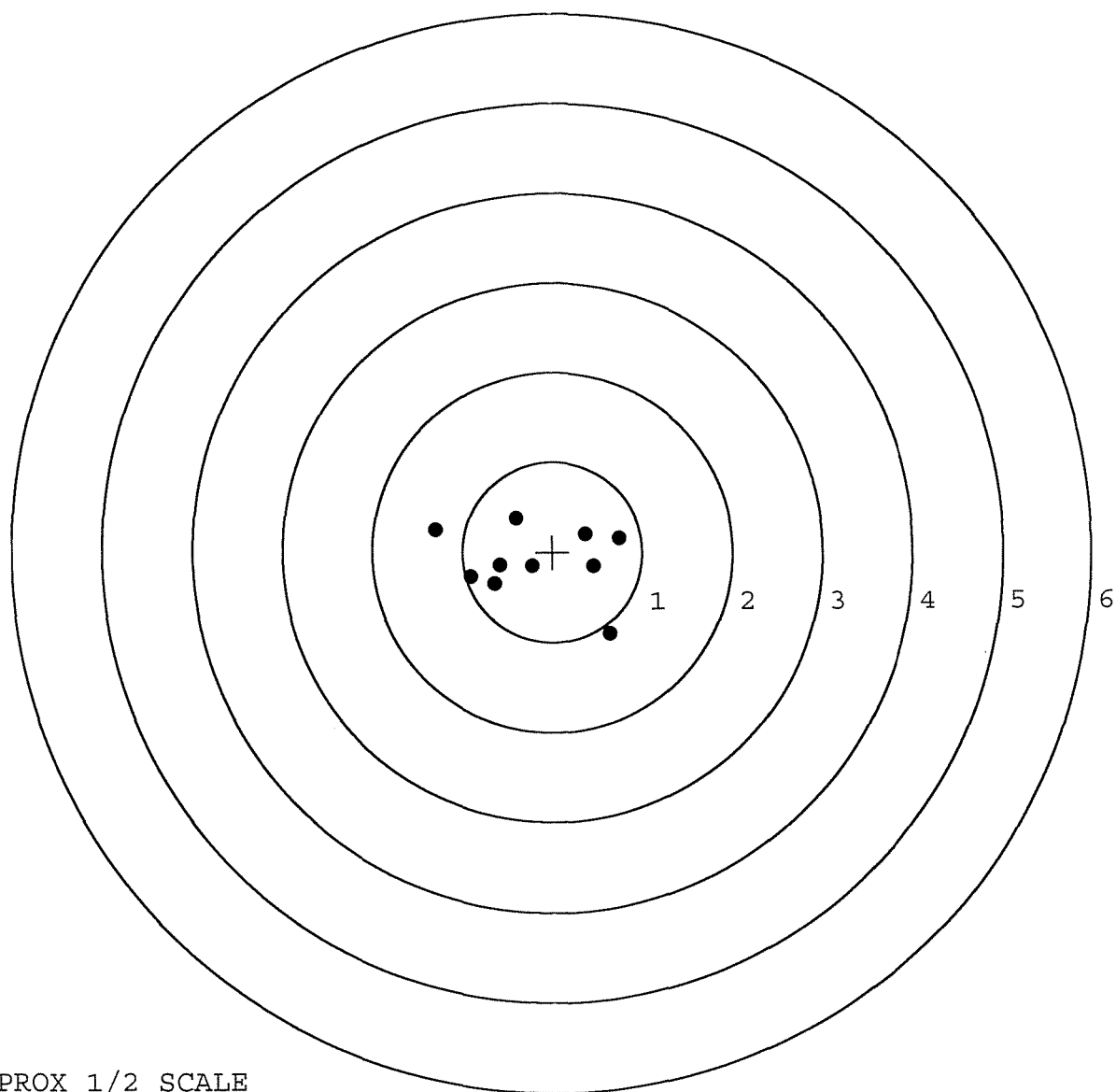


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349076.___0
 TARGET NUMBER: 5
 FILE DATE: 01/10/2005
 FILE TIME: 10:53

X CENTROID: -0.188
 Y CENTROID: -0.100
 POA TO CENTROID: 0.213
 HORZ SPREAD: 2.040
 VERT SPREAD: 1.283
 GROUP SPREAD: 2.253
 MIN RADIUS: 0.068
 MAX RADIUS: 1.164
 MEAN RADIUS: 0.683
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.635	-0.908
2:	0.741	0.155
3:	0.456	-0.159
4:	0.373	0.204
5:	-0.228	-0.156
6:	-0.406	0.375
7:	-1.299	0.248
8:	-0.911	-0.268
9:	-0.648	-0.350
10:	-0.593	-0.145



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 12-6-04

TESTER

TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS	COMMENTS
PULL #1	2.58	2.34	2.06	
PULL #2	2.77	2.53	2.35	
PULL #3	2.01	2.27	2.30	
PULL #4	2.69	2.18	2.18	
PULL #5	2.87	2.06	2.14	
TOTAL	12.92	11.38	11.03 ^{TRW}	
AVERAGE	2.58	2.27	2.20	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES	COMMENTS
PULL #1	3.07	3.15	
PULL #2	3.31	3.14	
PULL #3	3.01	3.06	
PULL #4	3.12	3.01	
PULL #5	3.07	3.03	
TOTAL	15.58	15.39	
AVERAGE	3.11	3.07	

	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	4.07	4.04		4.15
PULL #2	4.13	4.44		4.15
PULL #3	4.11	4.01		4.14
PULL #4	4.07	4.01		4.13
PULL #5	4.03	3.99		4.13
TOTAL	20.41	20.49		20.70
AVERAGE	4.08	4.09		4.14

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

R & E NUMBER	89033		
SERIAL NUMBER	C6349076		
LOG-IN DATE	12-6-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	12-7-04	RTZ
560 A	RE-BARREL	12-15-04	RTZ
B	DRILL AND TAP	12-27-04	TRJ
575	ASSEMBLE	12-16-04	RTZ
600	PROOF	12-16-04	RTZ
605	CHECK HEADSPACE	12-16-04	RTZ
610	DIS-ASSEMBLE GUN	12-27-04	RTZ
612	MAGNAFLUX	OPERATOR	JD
615	ROLLMARK CALIBER	12-27-04	CW
618	ROTO-BLAST	12/28/04	DL
620	APPLY COATINGS	1/3/05	NS
625 A	FINAL ASSEMBLY	1-7-05	RTZ
B	TRIGGER PULL TEST	1-11-05	AC
C	SAFETY "ON" FORCE	1-11-05	R
D	SAFETY "OFF" FORCE	1-11-05	A
E	FIRING PIN INDENT	1-11-05	A
640	TARGET	1-10-05	AC
655	FINAL INSPECT	1-11-05	AC
660	PACK	3-1-05	GA
		SHIP DATE	
QAR INSPECTION DATE			

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349076

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 30	90	RW
600	Proof	1 30	90	K
607	Check Headspace	1 30	90	K
610	Dis-assemble Gun	1 30	90	RW
612	Magnaflux Barrel Action	2-5-90		K.R.
	Magnaflux Bolt	2-5-90		
615	Rollmark Caliber	2-5-90		CS
617	Drill and Tap Sight Holes	2-5-90		FB
618	Polish Barrel RB	2-5-90		WB
620	Apply Coatings (Barrel Action)		2-17-90	TA
	Apply Coating (Bolt)			
625	Final Assembly		3/19/90	WB
	A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/19/90	WB
	C) Inspect Ejector Hole for Chamfer		4/18/90	RW
	D) Oil Firing Pin Ass'y		4/18/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/19/90	SW

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			4/20/90	94
	G) Safety Off Force	3	3	3			4/20/90	94
	H) Trigger Pull Test & Retainability						4/19/90	94
	I) Firing Pin Indent	.023	.022	.022			4/20/90	94
	J) Assemble Stock						4/20/90	RW
	K) Assemble Swivel Studs						4/20/90	WB
	L) Attach Front and Rear Sight Assemblies						4/20/90	RW
	M) Iron Sight Alignment						4/20/90	RW
	N) Detach Front & Rear Sights & place in numbered container						4/20/90	RW
	O) Attach Scope to Rifle						4/20/90	WB
	P) Detach & Attach Scope 20 Times						4/20/90	WB
640	Gallery Target & Test						4-23-90	DH
	A) Time						4-23-90	DH
	B) Malfunctions						4-23-90	DH
	C) Pierced Primers						4-23-90	DH
	D) Optical Clarity of Scope						4-23-90	DH
645	Inspect for Live Ammo						4-23-90	DH
655	Final Inspection						4/30/90	WB
	A) Headspace							
	B) Trigger Pull	2.57	2.65	2.66	2.67	2.67	4/26/90	WB
	C) Function						4/30/90	WB
660	Pack						6-19-90	DH

MOD.		GA. CAL.	GUN #	ASSEM. #
#	DATE	C6349076		
TEST		MALFUNCTION/DEFECT		
	1st	slow brass +		
	4/23/90	don't eject		
	2nd			
	3rd			
	4th			
		FUNCTION		

RD 6654

Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF	Ream Ejector hole Polish Ejector	RW
TEST		4/25
TGT		90
PROOF	4/25/90 60 Rols. OK	AR
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06349076DATE 4/19/90TESTER GU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.56	2.37	2.21	2.57	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.18	2.37	2.30	2.65	
PULL #3	2.41	2.24	2.32	2.66	
PULL #4	2.39	2.24	2.23	2.66	
PULL #5	2.39	2.21	2.30	2.67	
TOTAL	11.93	11.43	11.36		
AVG.	2.386	2.286	2.272		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.47	3.32		
PULL #2	3.46	3.43		
PULL #3	3.43	3.30		
PULL #4	3.46	3.36		
PULL #5	3.46	3.34		
TOTAL	17.28	16.75		
AVG.	3.456	3.35		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.22		4.17
PULL #2	4.23	4.29		4.44
PULL #3	4.15	4.28		4.46
PULL #4	4.22	4.27		4.42
PULL #5	4.25	4.26		4.40
TOTAL	21.15	21.32		21.89
AVG.	4.23	4.264		4.378

Remington®



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

MODEL 700™ H24

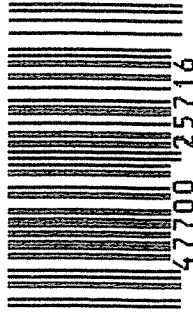
		Ø1
SERIAL NO.	C6349076	
ORDER NO.	5716	

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



5716 C6349076

LPC



0 47700 25716 7

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349076
23 Apr 1990

CENTROIDAL DISTANCES

0 TO	1	.700517
1 TO	2	.512041
1 TO	3	.722391
1 TO	4	.731749
1 TO	5	1.0122

1
4^{2nd} 5 <----POR

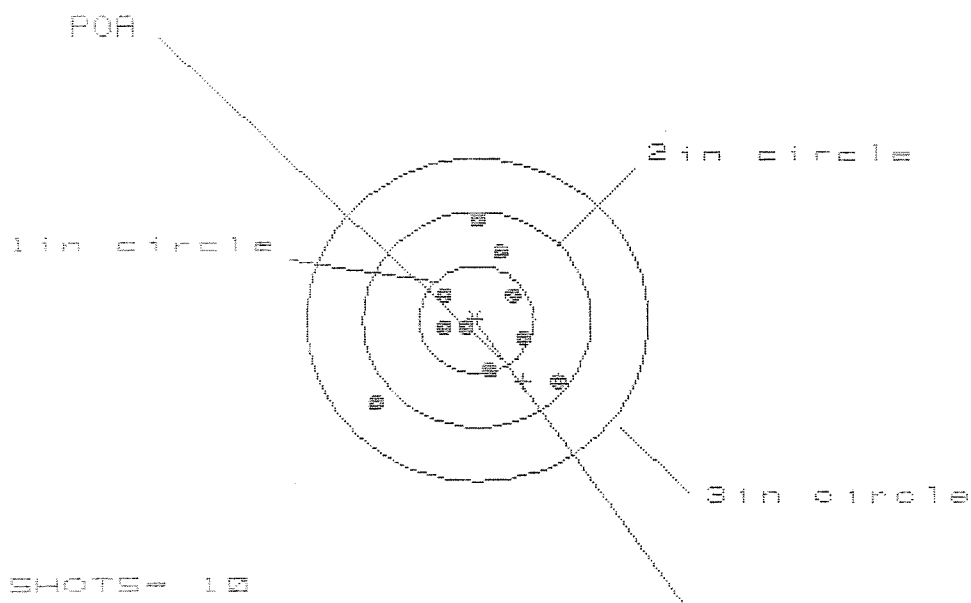
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.202
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0602
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .21078

THE AMR FOR THIS RIFLE IS: .678

23 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8349076

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 6

2 in = 9

3 in = 10

HS= 1.641

VS= 1.644

CS= 1.900

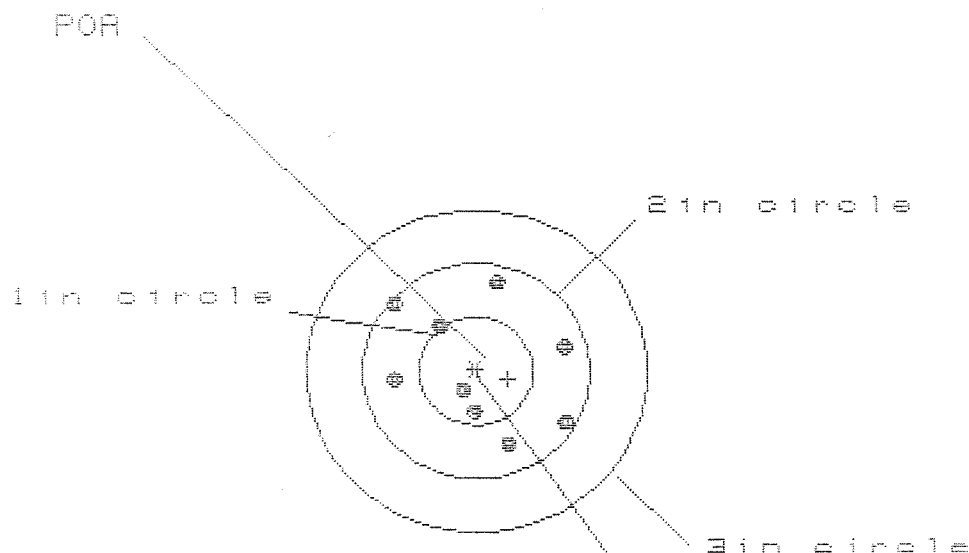
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.707	.603	.592
MINIMUM X	-.934	-.425	-.436
MAXIMUM Y	.914	.832	.674
MINIMUM Y	-.730	-.634	-.529
CENTROID X	-.410	-.306	-.295
CENTROID Y	.568	.650	.545
POA TO CENTROID in.	.701	.718	.620
MIN RADIUS	.088	.216	.200
MEAN RADIUS	.578	.511	.464
MAX RADIUS	1.186	.875	.794
HORIZONTAL SPREAD	1.641	1.028	1.028
VERTICAL SPREAD	1.644	1.468	1.204
EXTREME SPREAD	1.900	1.620	1.322
NUMBER IN ONE INCH CIRCLE =	6		
NUMBER IN TWO INCH CIRCLE =	9		
NUMBER IN THREE INCH CIRCLE =	10		

23 Apr 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349076

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 3

2in = 10

3in = 10

HS = 1.518

VS = 1.466

GS = 1.845

CENTROID *

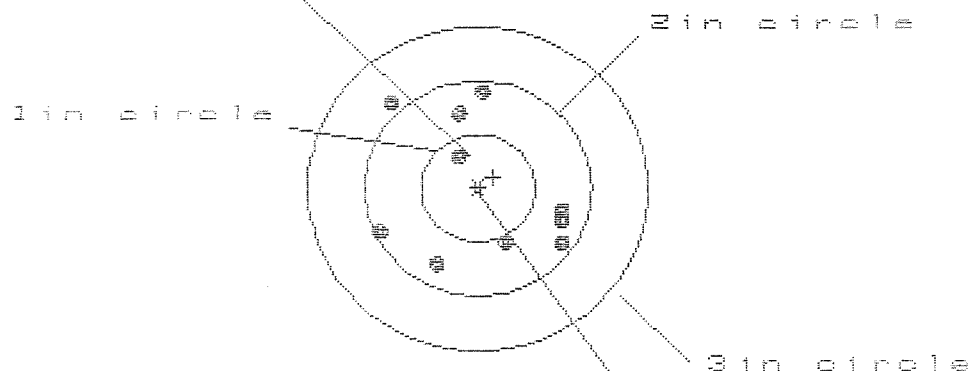
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.771	.689	.774
MINIMUM X	-.747	-.829	-.744
MAXIMUM Y	.788	.858	.812
MINIMUM Y	-.678	-.608	-.654
CENTROID X	-.279	-.197	-.282
CENTROID Y	.073	.003	.049
FOR TO CENTROID in.	.289	.197	.286
MIN RADIUS	.189	.197	.167
MEAN RADIUS	.642	.594	.566
MAX RADIUS	.974	.861	.826
HORIZONTAL SPREAD	1.518	1.518	1.518
VERTICAL SPREAD	1.466	1.466	1.466
EXTREME SPREAD	1.845	1.555	1.539
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		10	
NUMBER IN THREE INCH CIRCLE =		10	

23 Apr 1930

FILE:/PATTERNING/CENTERFIRE_PATT/C6349076

CENTERFIRE PATTERNS # 3

POB



OF SHOTS= 10

IN CIR

1in = 1

2in = 9

3in = 10

HS= 1.570

VS= 1.574

GS= 2.006

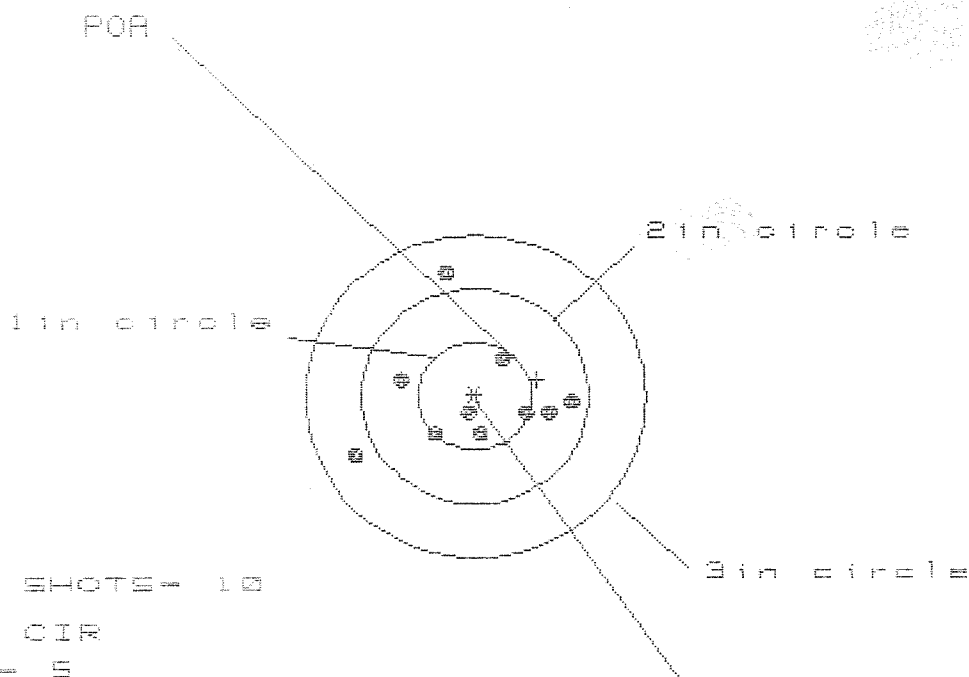
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.713	.623	.505
MINIMUM X	:	-.857	-.947	-.550
MAXIMUM Y	:	.858	.946	.913
MINIMUM Y	:	-.716	-.628	-.661
CENTROID X	:	-.135	-.045	.073
CENTROID Y	:	-.100	-.188	-.155
POB TO CENTROID in.	:	.168	.193	.171
MIN RADIUS	:	.339	.454	.469
MEAN RADIUS	:	.770	.718	.672
MAX RADIUS	:	1.128	.983	.926
HORIZONTAL SPREAD	:	1.570	1.570	1.055
VERTICAL SPREAD	:	1.574	1.574	1.574
EXTREME SPREAD	:	2.006	1.623	1.623
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

23 Apr 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6349076

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 5

2 in = 8

3 in = 10

HS= 1.901

VS= 1.764

GS= 1.982

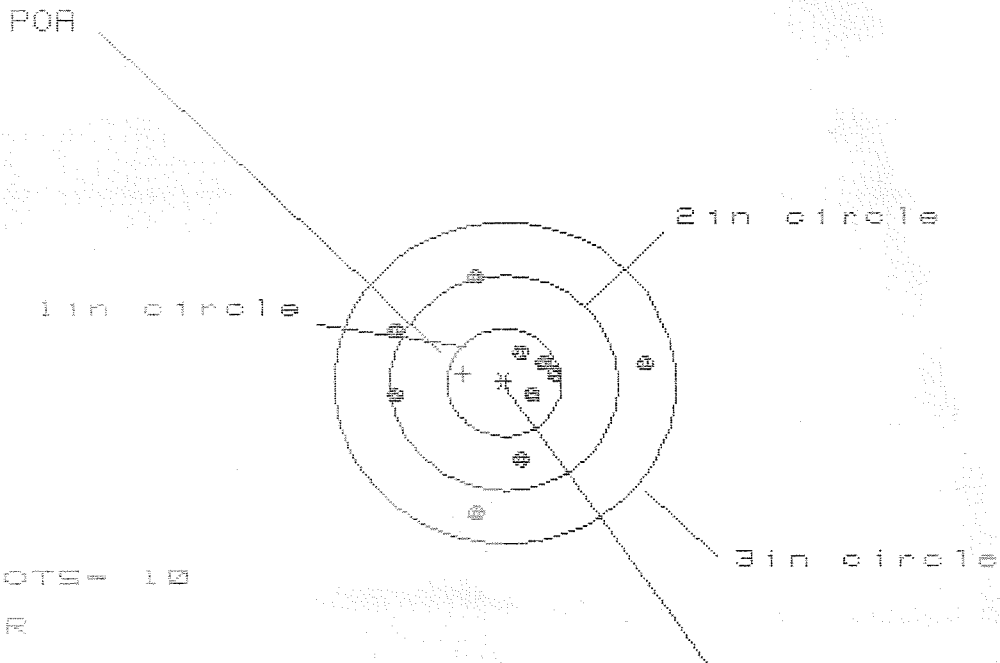
CENTROID #

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.879	.853	.722
MINIMUM X	-1.022	-1.048	-.790
MAXIMUM Y	1.173	.525	.467
MINIMUM Y	-.591	-.461	-.302
CENTROID X	-.546	-.520	-.389
CENTROID Y	-.151	-.281	-.223
POA TO CENTROID in.	.566	.592	.449
MIN RADIUS	.197	.091	.231
MEAN RADIUS	.654	.566	.492
MAX RADIUS	1.195	1.144	.829
HORIZONTAL SPREAD	1.901	1.901	1.512
VERTICAL SPREAD	1.764	.986	.769
EXTREME SPREAD	1.982	1.982	1.527
NUMBER IN ONE INCH CIRCLE =	5		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

23 Apr 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8349076

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 4

2in = 6

3in = 10

HS= 2.135

VS= 2.141

GS= 2.149

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.195	1.165	.564
MINIMUM X	-.940	-.970	-.824
MAXIMUM Y	.962	.831	.832
MINIMUM Y	-1.179	-.811	-.810
CENTROID X	.360	.390	.244
CENTROID Y	-.089	.042	.041
POA TO CENTROID in.	.370	.392	.248
MIN RADIUS	.269	.168	.266
MEAN RADIUS	.746	.676	.641
MAX RADIUS	1.211	1.165	.885
HORIZONTAL SPREAD	2.135	2.135	1.388
VERTICAL SPREAD	2.141	1.642	1.642
EXTREME SPREAD	2.149	2.149	1.697
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		