

C6349128

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

start

Serial Number: C6349128

Model: 700



RE00074624

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349128.___0
FILE DATE AND TIME: 01/28/2004 10:38

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.173
The Average Y Centroid of the Five Target Set:	0.080
The Average Point of Impact of the Five Target Set:	0.190
The Average Mean Radius of the Five Target Set:	0.732
The Distance from POA to Centroid Target #1:	0.186
The Distance from Centroid Target #2 to Centroid Target #1:	0.016
The Distance from Centroid Target #3 to Centroid Target #1:	0.441
The Distance from Centroid Target #4 to Centroid Target #1:	0.317
The Distance from Centroid Target #5 to Centroid Target #1:	0.544

BARBER - M24 0108372

SERIAL NUMBER: C6349128. 0

TARGET NUMBER: 1

FILE DATE: 01/28/2004

FILE TIME: 10:38

X CENTROID: 0.055

Y CENTROID: 0.177

POA TO CENTROID: 0.186

HORZ SPREAD: 1.172

VERT SPREAD: 1.763

GROUP SPREAD: 2.107

MIN RADIUS: 0.131

MAX RADIUS: 1.369

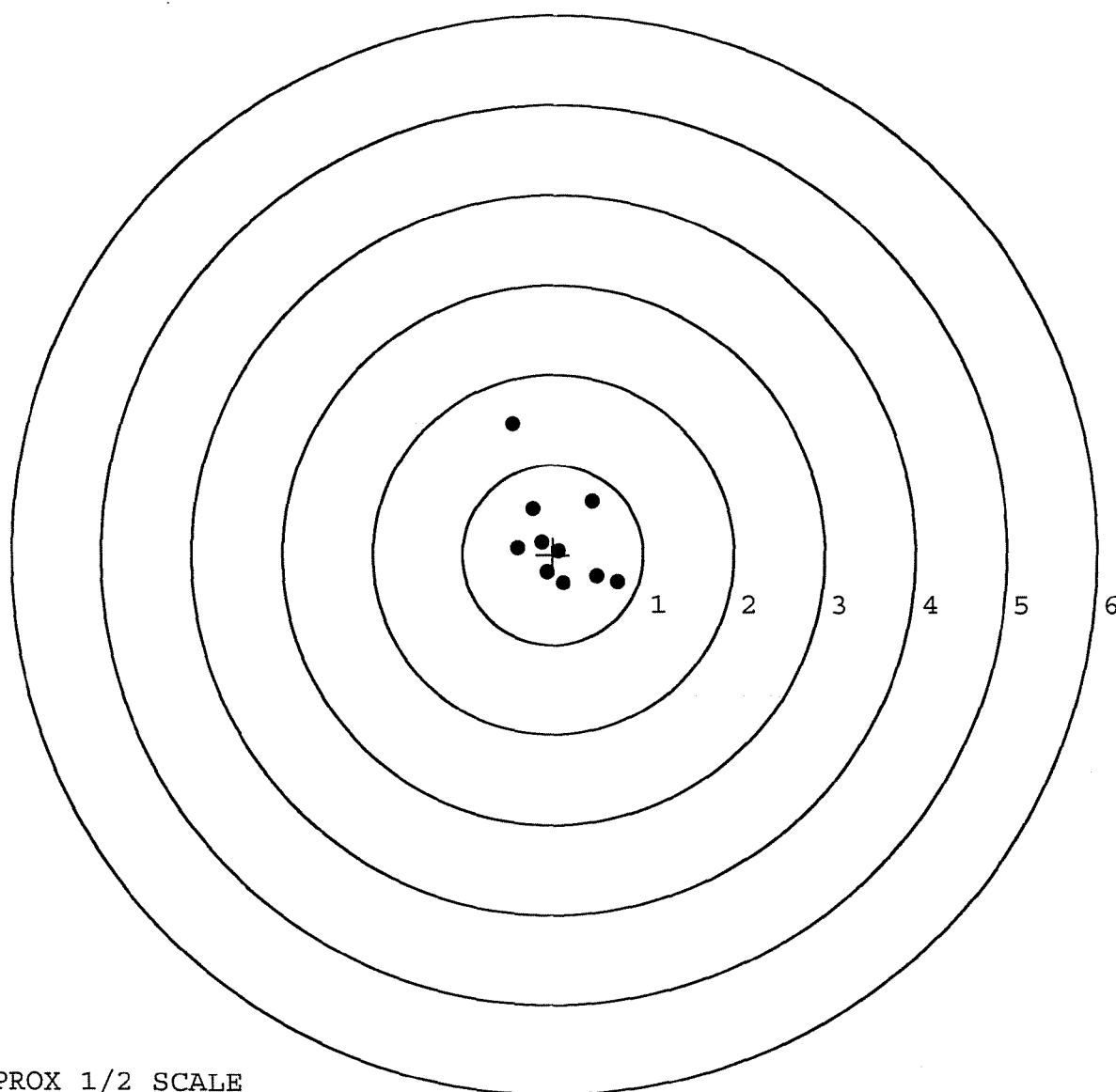
MEAN RADIUS: 0.545

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.457	1.447
2:	0.435	0.598
3:	0.715	-0.304
4:	0.488	-0.235
5:	0.118	-0.316
6:	-0.222	0.513
7:	0.065	0.046
8:	-0.392	0.080
9:	-0.068	-0.195
10:	-0.127	0.137



TARGET APPROX 1/2 SCALE

BARBER - M24 0108373

SERIAL NUMBER: C6349128. __0

TARGET NUMBER: 2

FILE DATE: 01/28/2004

FILE TIME: 10:38

X CENTROID: 0.043

Y CENTROID: 0.167

POA TO CENTROID: 0.173

HORZ SPREAD: 1.079

VERT SPREAD: 1.718

GROUP SPREAD: 1.771

MIN RADIUS: 0.341

MAX RADIUS: 1.215

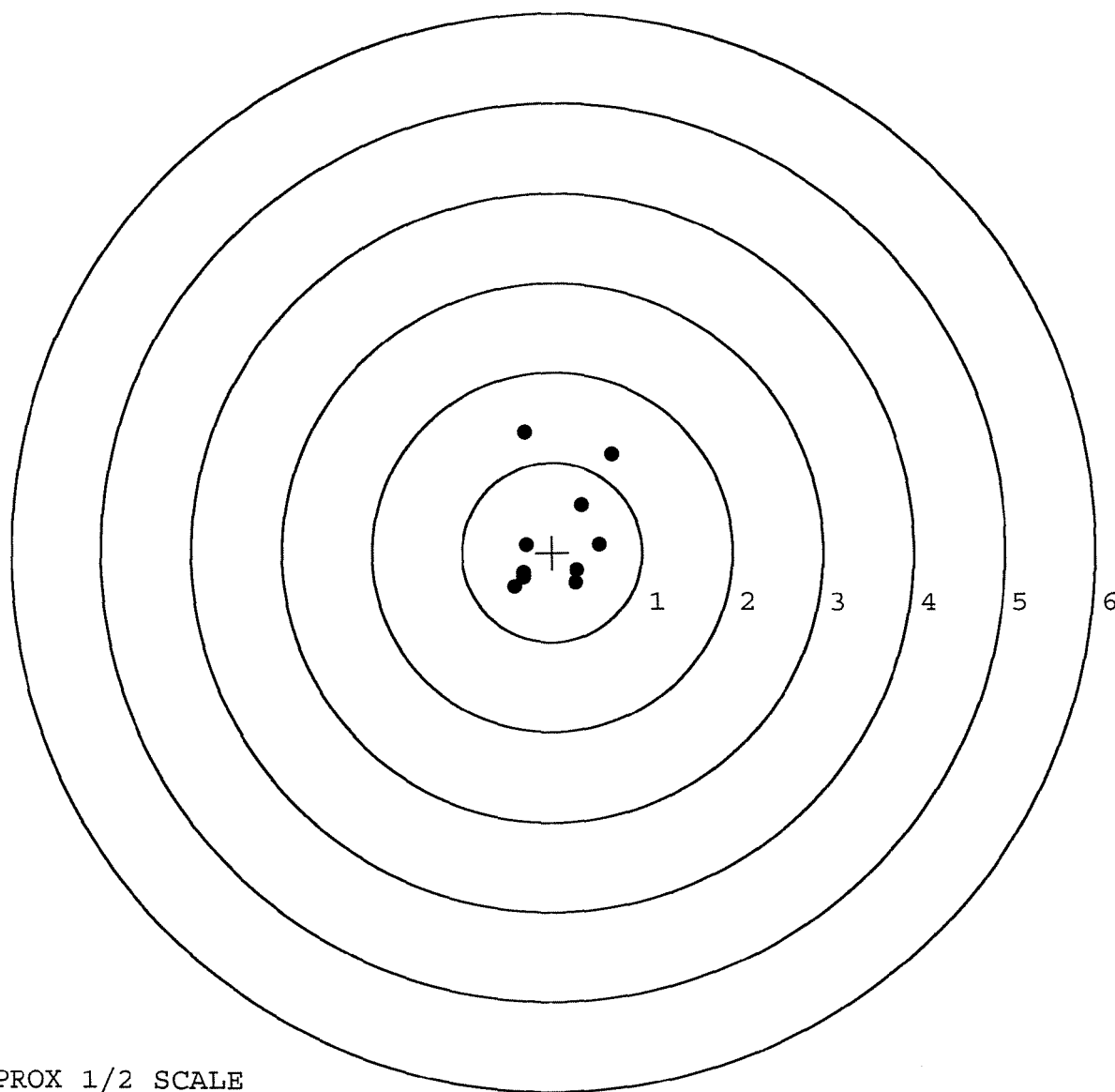
MEAN RADIUS: 0.645

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.662	1.092
2:	-0.308	1.331
3:	0.329	0.522
4:	0.531	0.091
5:	0.270	-0.343
6:	-0.417	-0.387
7:	-0.317	-0.285
8:	-0.287	0.082
9:	0.281	-0.203
10:	-0.314	-0.227



TARGET APPROX 1/2 SCALE

BARBER - M24 0108374

SERIAL NUMBER: C6349128. 0

TARGET NUMBER: 3

FILE DATE: 01/28/2004

FILE TIME: 10:38

X CENTROID: -0.385

Y CENTROID: 0.183

POA TO CENTROID: 0.427

HORZ SPREAD: 1.393

VERT SPREAD: 3.126

GROUP SPREAD: 3.152

MIN RADIUS: 0.095

MAX RADIUS: 1.871

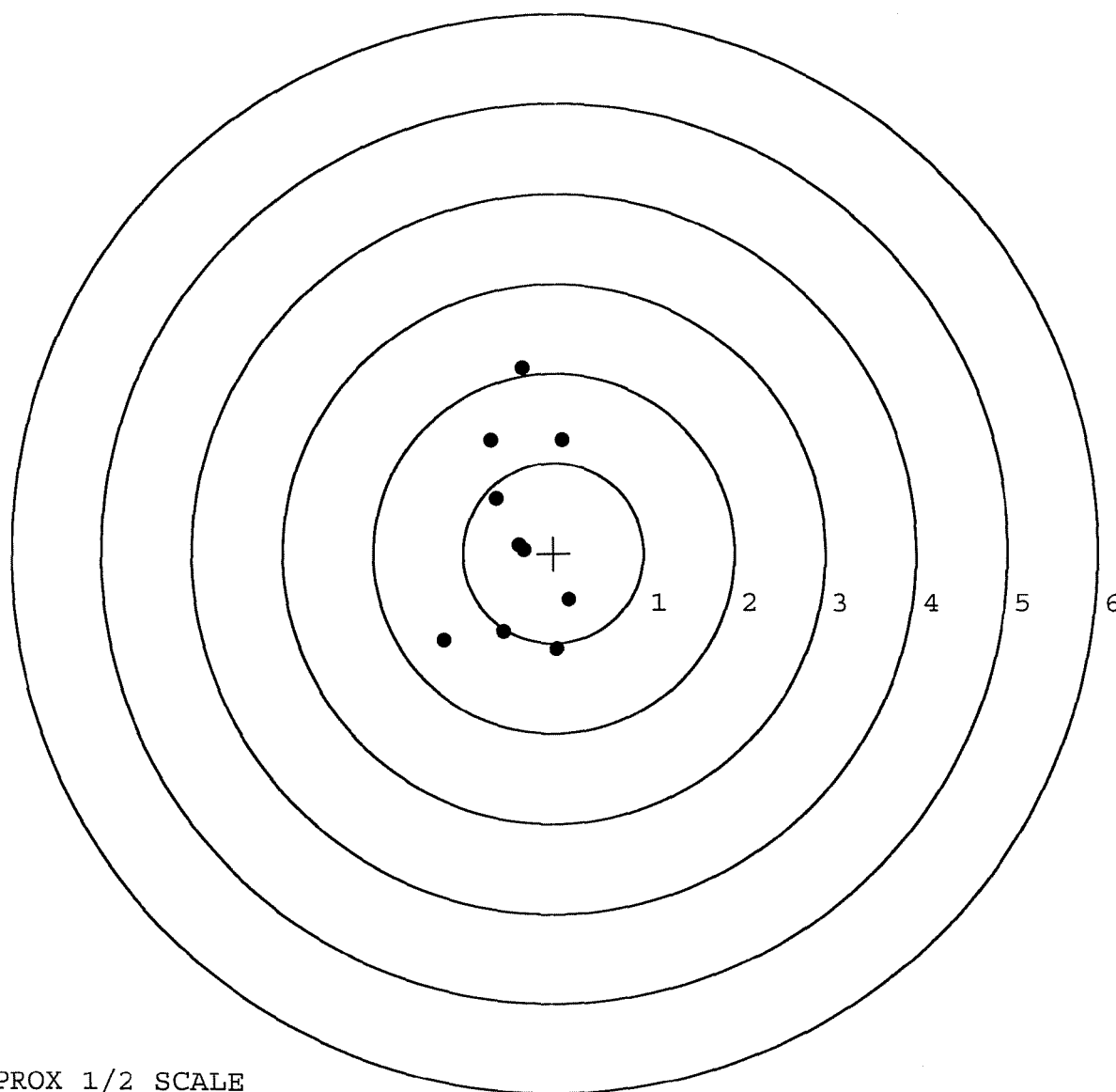
MEAN RADIUS: 0.963

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.176	-0.526
2:	0.042	-1.072
3:	-0.548	-0.877
4:	-1.217	-0.978
5:	-0.383	0.088
6:	-0.634	0.602
7:	0.098	1.254
8:	-0.700	1.250
9:	-0.357	2.054
10:	-0.332	0.034



TARGET APPROX 1/2 SCALE

BARBER - M24 0108375

SERIAL NUMBER: C6349128. 0

TARGET NUMBER: 4

FILE DATE: 01/28/2004

FILE TIME: 10:38

X CENTROID: -0.141

Y CENTROID: -0.072

POA TO CENTROID: 0.158

HORZ SPREAD: 2.267

VERT SPREAD: 2.000

GROUP SPREAD: 3.011

MIN RADIUS: 0.119

MAX RADIUS: 1.703

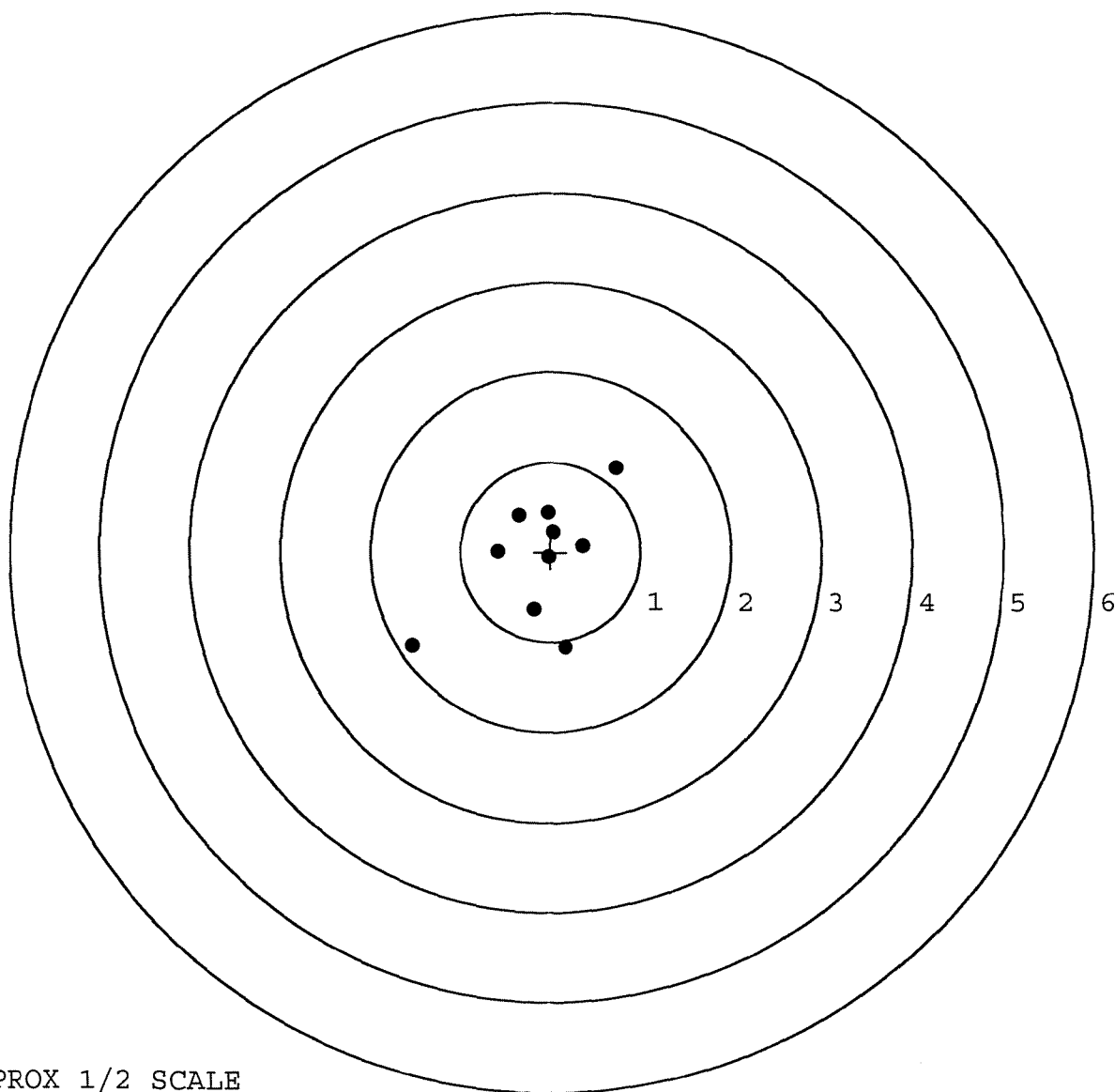
MEAN RADIUS: 0.713

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.728	0.937
2:	0.176	-1.063
3:	-0.185	-0.644
4:	-1.539	-1.044
5:	-0.585	0.011
6:	-0.023	-0.054
7:	0.372	0.072
8:	-0.032	0.434
9:	-0.350	0.408
10:	0.027	0.224



TARGET APPROX 1/2 SCALE

BARBER - M24 0108376

SERIAL NUMBER: C6349128. __0

TARGET NUMBER: 5

FILE DATE: 01/28/2004

FILE TIME: 10:38

X CENTROID: -0.436

Y CENTROID: -0.058

POA TO CENTROID: 0.439

HORZ SPREAD: 2.190

VERT SPREAD: 1.702

GROUP SPREAD: 2.190

MIN RADIUS: 0.410

MAX RADIUS: 1.156

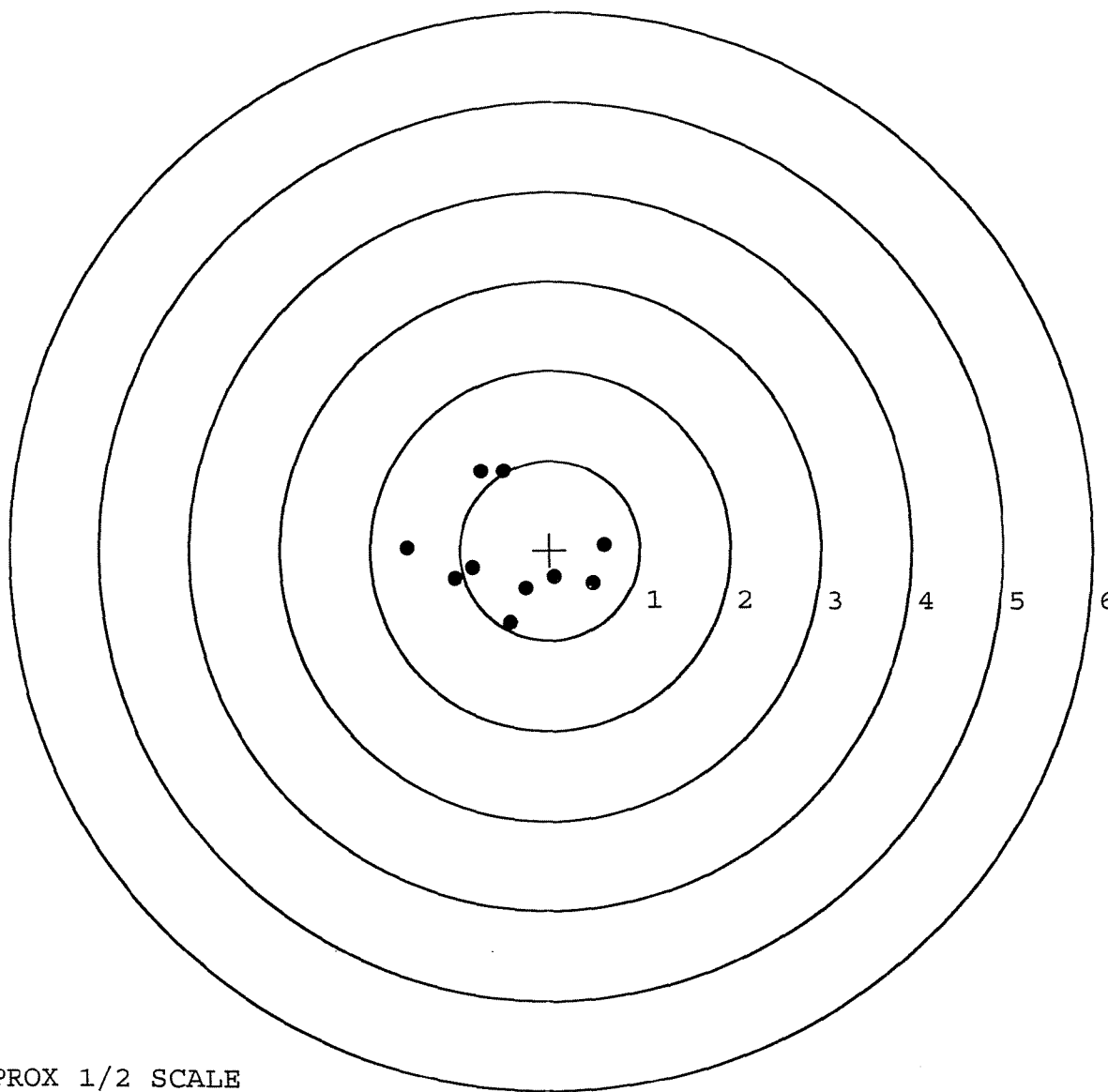
MEAN RADIUS: 0.795

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.522	0.883
2:	-0.771	0.886
3:	-1.589	0.023
4:	-1.058	-0.324
5:	-0.434	-0.816
6:	-0.260	-0.428
7:	0.051	-0.295
8:	0.482	-0.365
9:	0.601	0.066
10:	-0.857	-0.205



TARGET APPROX 1/2 SCALE

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

BARBER - M24 **M2400108416**
0108977

RECEIVING BARBER M24 0108378

COMMENTS

ORDER
R 96-04784

M-24 SNIPER W/10X LEUPOLD SCOPE, & SCOPE SHADE

INITIAL
FPS

CUSTOMER ORDER NO.

DATE RECEIVED
02/12/96DATE OPENED
02/12/96

DATE CODE

SERIAL NUMBER
C6349128

NEW SERIAL NUMBER

MODEL AND GRADE

700 7.62

NATO

ACCESSORIES

HARD CASE

SCOPE MNTS

SCOPE BASE

W/STUDS

W/SWIVELS

W/NIGHT VISION BASE

FROM:

SHIP TO:

U S ARMY
C CO. 3/5 SFG (A)
FT CAMPBELL

KY 42223

U S ARMY
C CO. 3/5 SFG (A)
FT CAMPBELLKY
42223

CUST NO: 137790 C.O.D.L.

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

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

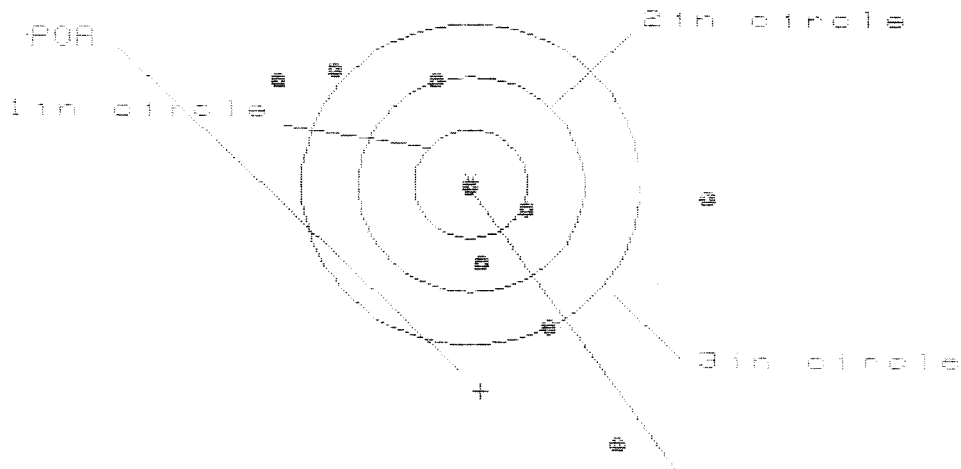
BARBER - M24 0108378

2/17/96

13 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08349128

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 5

HB= 3.721

VB= 4.309

GB= 5.125

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.054	2.202	2.041
MINIMUM X	-1.667	-1.519	-1.680
MAXIMUM Y	1.889	1.620	1.046
MINIMUM Y	-2.420	-1.581	-1.379
CENTROID X	-0.090	-0.238	-0.077
CENTROID Y	1.930	2.199	1.997
POA TO CENTROID in.	1.932	2.212	1.998
MIN RADIUS	0.058	0.365	0.119
MEAN RADIUS	1.454	1.333	1.186
MAX RADIUS	2.764	2.232	2.047
HORIZONTAL SPREAD	3.721	3.721	3.721
VERTICAL SPREAD	4.309	3.201	2.425
EXTREME SPREAD	5.125	4.016	3.860
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	5		

Two
TargetsPrevious
AMR

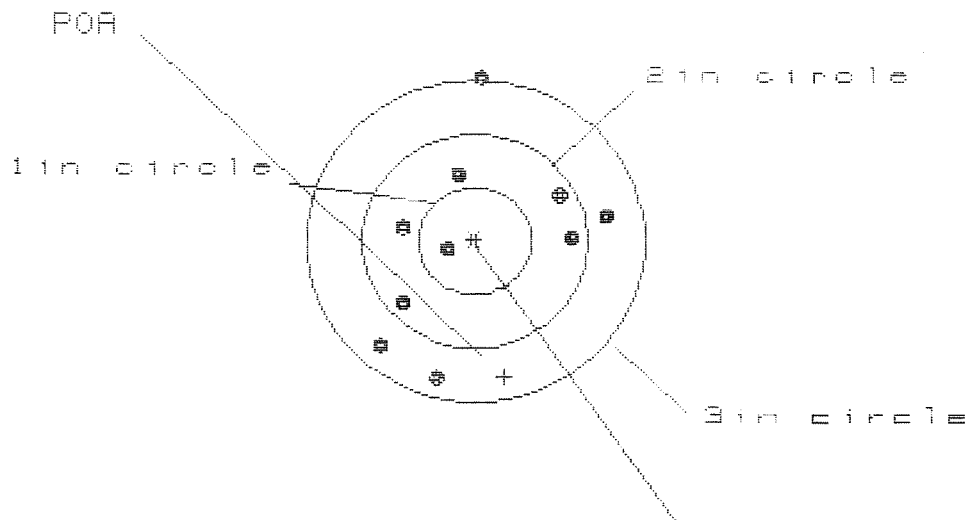
8562

8/13/96

13 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08349128

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 1.988

VS= 2.798

GS= 2.818

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.175	1.177	1.139
MINIMUM X	-.813	-.811	-.849
MAXIMUM Y	1.509	.840	.701
MINIMUM Y	-1.281	-1.113	-.953
CENTROID X	-.258	-.260	-.222
CENTROID Y	1.272	1.104	1.243
POA TO CENTROID in.	1.298	1.134	1.263
MIN RADIUS	.253	.260	.282
MEAN RADIUS	.959	.896	.850
MAX RADIUS	1.509	1.245	1.277
HORIZONTAL SPREAD	1.988	1.988	1.988
VERTICAL SPREAD	2.798	1.953	1.654
EXTREME SPREAD	2.818	2.332	2.332
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

PREVIOUS
HMR

8562

Remington® **DUPONT** REG. U.S. PAT. & TM. OFF.

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

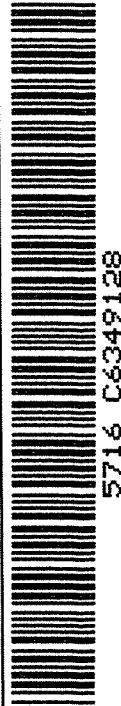
MODEL 700™ M24

SERIAL NO.
C6349128

ORDER NO.
5716

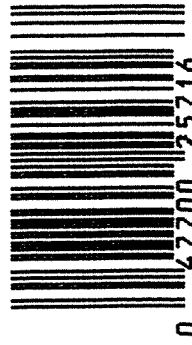
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

Ø1



5716 C6349128

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349128

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 12	90	RW
600	Proof	4 12	90	A
607	Check Headspace	4 12	90	A
610	Dis-assemble Gun	4 12	90	RW
612	Magnaflux Barrel Action	4-19-90		KCR
	Magnaflux Bolt	4-19-90		KCR
615	Rollmark Caliber	4-19-90		GA
617	Drill and Tap Sight Holes		4/23/90	KB
618	Polish Barrel RB		4/24/90	WB
620	Apply Coatings (Barrel Action)		4-30-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/18/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/18/90	RW
	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		5/7/90	JA

BARBER - M24 0108383

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			5/8/90	RM
	G) Safety Off Force	3	3	3			5/8/90	RM
	H) Trigger Pull Test & Retainability						5/7/90	RM
	I) Firing Pin Indent	.020	.020	.0205			5/8/90	RM
	J) Assemble Stock						5/9/90	RM
	K) Assemble Swivel Studs						5/17/90	W.B
	L) Attach Front and Rear Sight Assemblies						5/9/90	RM
	M) Iron Sight Alignment						5/9/90	RM
	N) Detach Front & Rear Sights & place in numbered container						5/9/90	RM
	O) Attach Scope to Rifle						5/10/90	RM
	P) Detach & Attach Scope 20 Times						5/10/90	RM
640	Gallery Target & Test						5-11-90	DH
	A) Time						5-11-90	DH
	B) Malfunctions						5-11-90	DH
	C) Pierced Primers						5-11-90	DH
	D) Optical Clarity of Scope						5-11-90	DH
645	Inspect for Live Ammo						5-11-90	DH
655	Final Inspection						5/17/90	W.B
	A) Headspace							
	B) Trigger Pull	2.62	2.63	2.63	2.65	2.67	5/16/90	W.B
	C) Function						5/17/90	W.B
660	Pack						6/20/90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 06349128

DATE 5/7/90

TESTER JM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.29	2.46	2.35	2.62	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.36	2.50	2.50	2.63	
PULL #3	2.26	2.52	2.53	2.63	
PULL #4	2.26	2.42	2.43	2.65	
PULL #5	2.24	2.51	2.50	2.67	
TOTAL	11.41	12.41	12.31		
AVG.	2.282	2.482	2.462		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.33		
PULL #2	3.21	3.32		
PULL #3	3.24	3.34		
PULL #4	3.20	3.30		
PULL #5	3.50	3.34		
TOTAL	16.40	16.63		
AVG.	3.28	3.326		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.24		4.27
PULL #2	4.27	4.28		4.30
PULL #3	4.20	4.29		4.27
PULL #4	4.34	4.29		4.41
PULL #5	4.24	4.27		4.40
TOTAL	21.30	21.39		21.65
AVG.	4.26	4.274		4.33

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349128
11 May 1998

CENTROIDAL DISTANCES

0 TO	1	.0790759
1 TO	2	.0449222
1 TO	3	.219572
1 TO	4	.293015
1 TO	5	.149933

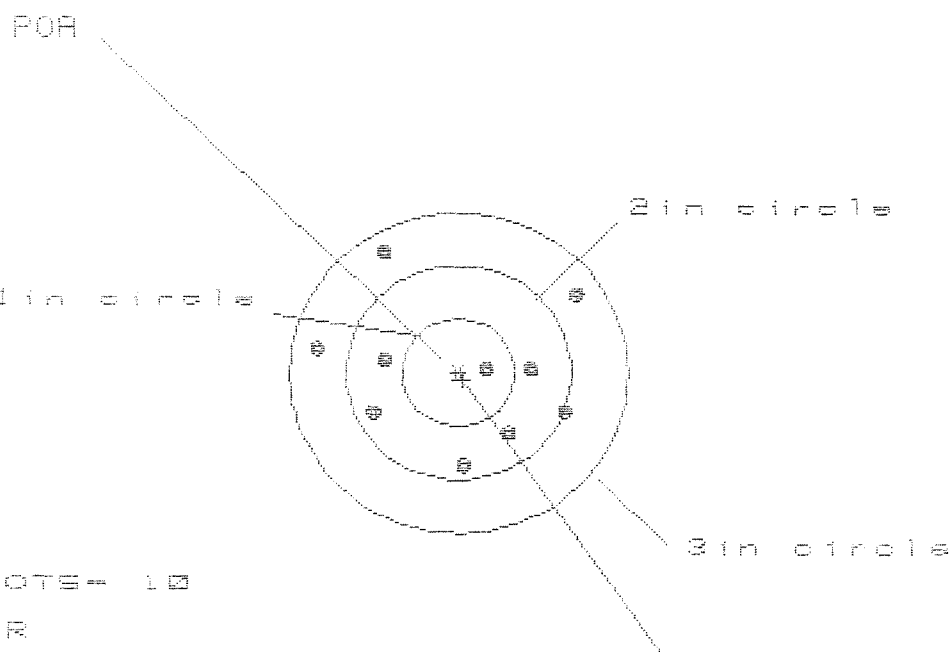
<----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0352
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .009
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0363324
THE AMR FOR THIS RIFLE IS: .8562

11 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/Q8349128

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 10

HS= 2.380

VS= 2.023

GS= 2.446

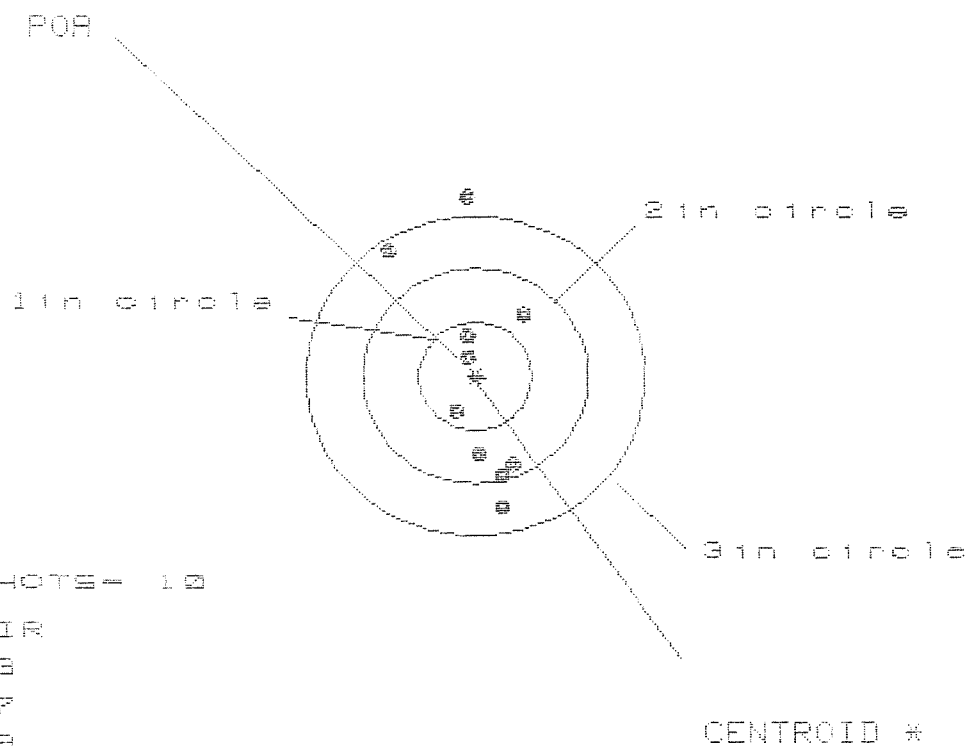
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.090	1.110	.964
MINIMUM X	-1.290	-1.169	-.800
MAXIMUM Y	1.147	1.234	1.272
MINIMUM Y	-.876	-.789	-.752
CENTROID X	-.042	-.163	-.017
CENTROID Y	.067	-.020	-.058
POA TO CENTROID in.	.079	.164	.060
MIN RADIUS	.263	.393	.266
MEAN RADIUS	.906	.855	.782
MAX RADIUS	1.340	1.334	1.430
HORIZONTAL SPREAD	2.380	2.279	1.764
VERTICAL SPREAD	2.023	2.023	2.023
EXTREME SPREAD	2.446	2.365	2.249
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

11 May 1988

FILE:/PATTERNING/CENTERFIRE_PATT/GS349128

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 1.205

VS= 2.877

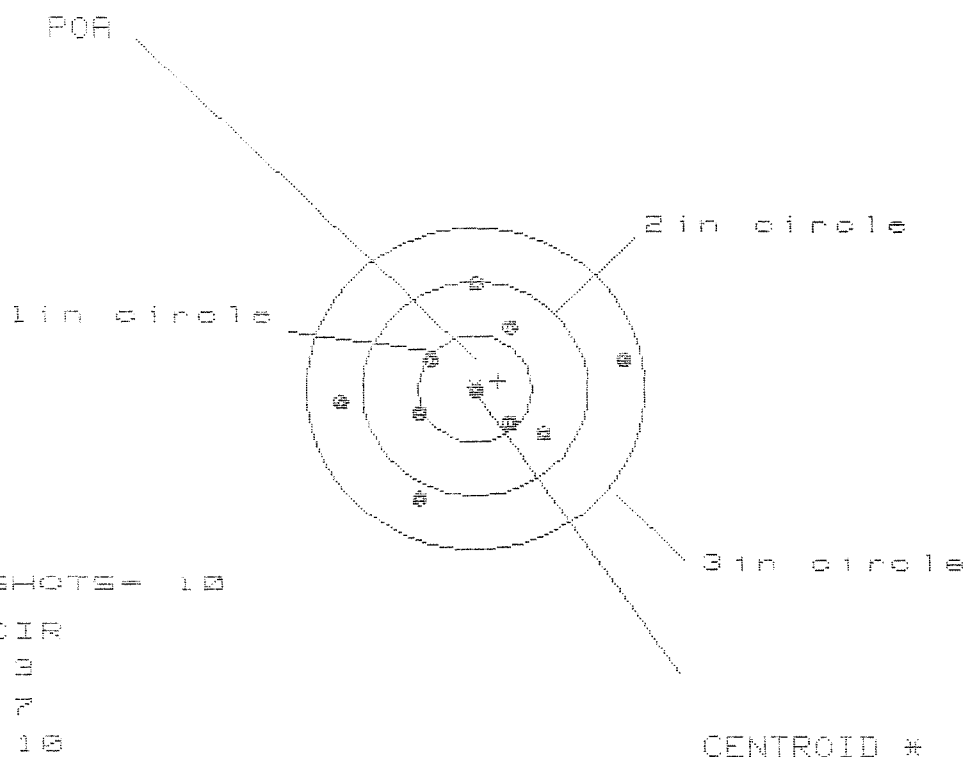
GS= 2.892

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.387	.383	.281
MINIMUM X	-.818	-.822	-.317
MAXIMUM Y	1.666	1.387	.943
MINIMUM Y	-1.211	-1.025	-.852
CENTROID X	-.029	-.025	.077
CENTROID Y	.024	-.162	-.335
POA TO CENTROID in.	.037	.164	.344
MIN RADIUS	.228	.235	.327
MEAN RADIUS	.868	.762	.636
MAX RADIUS	1.667	1.612	.984
HORIZONTAL SPREAD	1.205	1.205	.598
VERTICAL SPREAD	2.877	2.412	1.795
EXTREME SPREAD	2.892	2.645	1.799
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

11 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/Q6349128

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS= 2.560

VS= 1.958

CS= 2.661

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.326
MINIMUM X	-1.234
MAXIMUM Y	.966
MINIMUM Y	-.992
CENTROID X	-.206
CENTROID Y	-.079
POA TO CENTROID in.	.220
MIN RADIUS	.070
MEAN RADIUS	.766
MAX RADIUS	1.364
HORIZONTAL SPREAD	2.560
VERTICAL SPREAD	1.958
EXTREME SPREAD	2.661
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	10

01 May 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8349128

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 1

2in = 7

3in = 10

HS = 2.090

VS = 1.671

GS = 2.434

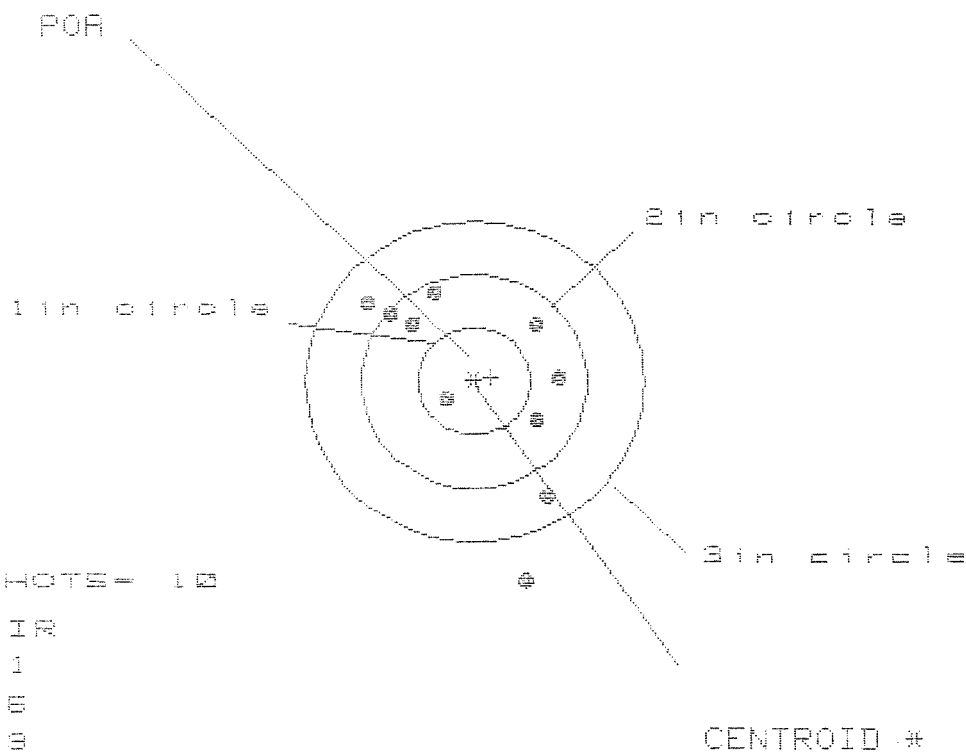
CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.198	1.099	.919
MINIMUM X	-.892	-.959	-.822
MAXIMUM Y	.763	.662	.670
MINIMUM Y	-.908	-.626	-.618
CENTROID X	.251	.350	.213
CENTROID Y	.070	.171	.163
POA TO CENTROID in.	.261	.390	.268
MIN RADIUS	.041	.110	.069
MEAN RADIUS	.798	.749	.689
MAX RADIUS	1.273	1.100	1.135
HORIZONTAL SPREAD	2.090	2.058	1.741
VERTICAL SPREAD	1.671	1.288	1.288
EXTREME SPREAD	2.434	2.106	2.030
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

11 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/Q8349128

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 1

2in = 6

3in = 9

HS = 1.647

VS = 2.788

GS = 2.897

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.768	.764	.850
MINIMUM X	-.939	-.883	-.797
MAXIMUM Y	.885	.683	.530
MINIMUM Y	-1.823	-1.222	-.737
CENTROID X	-.150	-.206	-.292
CENTROID Y	-.037	.165	.318
POA TO CENTROID in.	.155	.264	.432
MIN RADIUS	.294	.429	.505
MEAN RADIUS	.943	.815	.718
MAX RADIUS	1.898	1.403	.979
HORIZONTAL SPREAD	1.647	1.647	1.647
VERTICAL SPREAD	2.788	1.905	1.267
EXTREME SPREAD	2.897	2.325	1.798
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		