

06348977

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington



RECORDS CONTROL SCHEDULE

RECORDS CATEGORY OR TITLE:

612 - MONTHLY COST SHEETS-LOUVIERS

#5615 (1980)

COPY "O" (OFFICIAL) ☐ "X" (EXTRA) ☒

TOTAL RETENTION: MAX. 3 YEARS

1980 - 1983

GS-11050 Rev. 8/78

CTOC# 00771007

S
(1980)

Repair Inquiry

Repair Number: **RE00087054**

Serial: C6348977 Model: M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 10/27/2004 8:28:26 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**

BLDG 7426 RM 203 BAD TOELZ

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
C000	F AND R SGT BASES	2

Repair Search

Refresh

Close

nagletj

10/27/2004

10:19 AM

CAPS

NUM

INS

SCPL

start

3

3

3

2

5

Serial Number:

C6348977

Model: **M24 SWS**



RE00087054

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348977.___0

FILE DATE AND TIME: 11/19/2004 09:04

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.017
The Average Y Centroid of the Five Target Set:	-0.083
The Average Point of Impact of the Five Target Set:	0.085
The Average Mean Radius of the Five Target Set:	0.762
The Distance from POA to Centroid Target #1:	0.206
The Distance from Centroid Target #2 to Centroid Target #1:	0.132
The Distance from Centroid Target #3 to Centroid Target #1:	0.288
The Distance from Centroid Target #4 to Centroid Target #1:	0.203
The Distance from Centroid Target #5 to Centroid Target #1:	0.061

SERIAL NUMBER: C6348977. __0

TARGET NUMBER: 1

FILE DATE: 11/19/2004

FILE TIME: 09:04

X CENTROID: 0.009

Y CENTROID: -0.206

POA TO CENTROID: 0.206

HORZ SPREAD: 1.158

VERT SPREAD: 2.540

GROUP SPREAD: 2.623

MIN RADIUS: 0.271

MAX RADIUS: 1.432

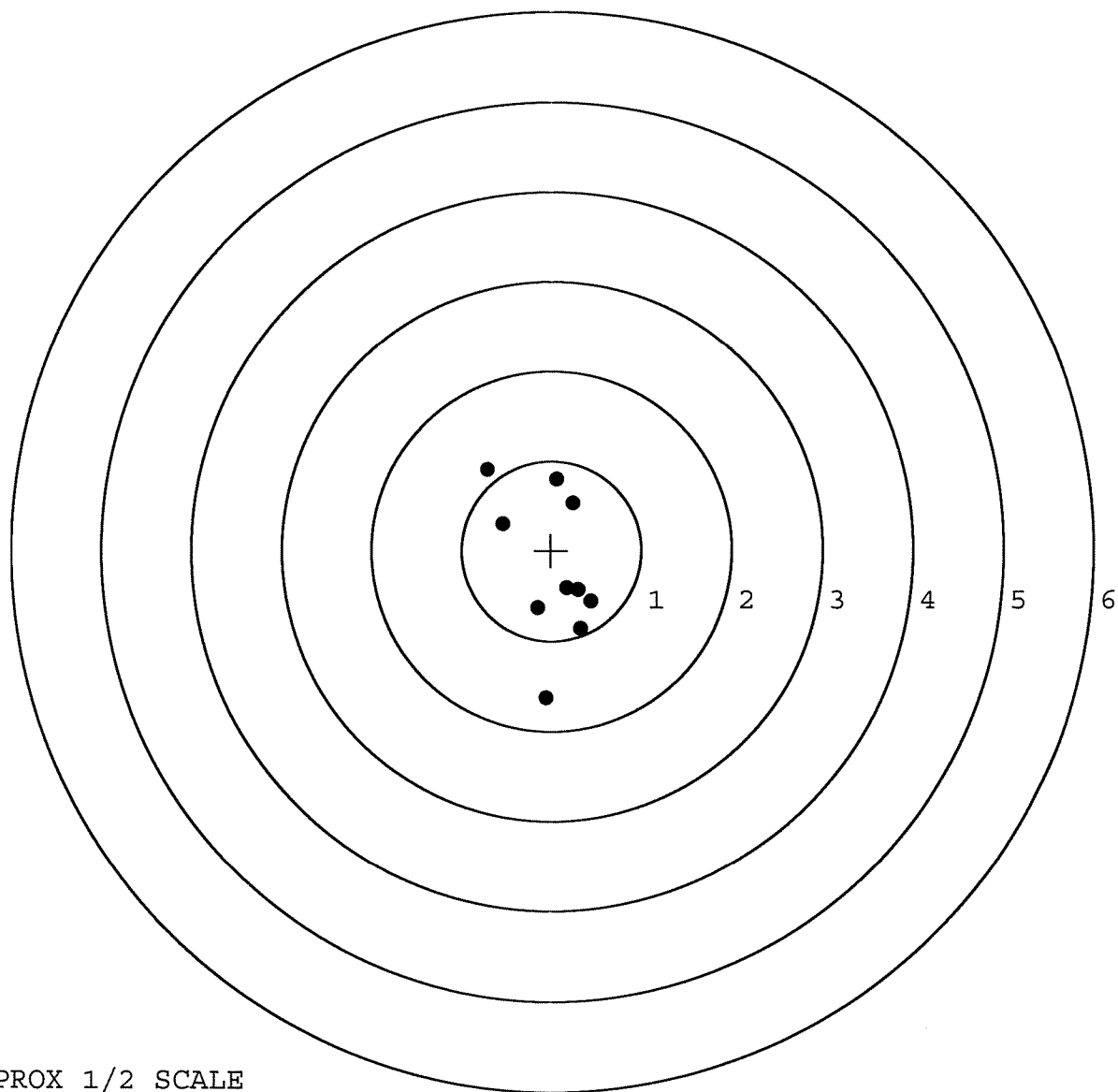
MEAN RADIUS: 0.770

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.327	-0.870
2:	0.444	-0.570
3:	0.174	-0.421
4:	0.306	-0.443
5:	-0.147	-0.644
6:	0.245	0.533
7:	0.064	0.794
8:	-0.546	0.298
9:	-0.714	0.904
10:	-0.058	-1.636



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348977. __0

TARGET NUMBER: 2

FILE DATE: 11/19/2004

FILE TIME: 09:04

X CENTROID: -0.013

Y CENTROID: -0.075

POA TO CENTROID: 0.076

HORZ SPREAD: 2.250

VERT SPREAD: 2.428

GROUP SPREAD: 2.446

MIN RADIUS: 0.265

MAX RADIUS: 1.517

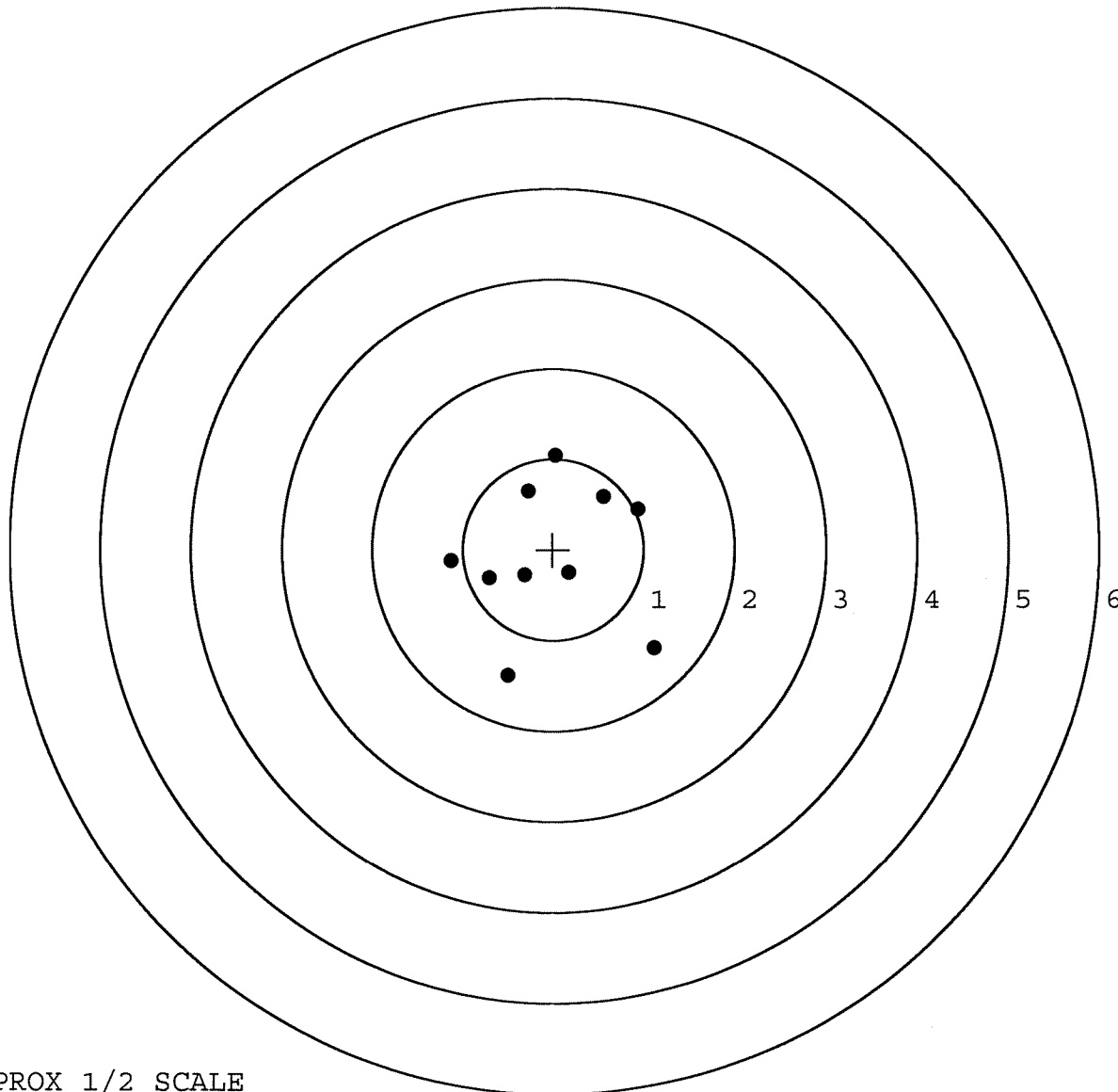
MEAN RADIUS: 0.925

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.117	-1.088
2:	-0.502	-1.388
3:	0.937	0.443
4:	0.554	0.582
5:	0.027	1.040
6:	-0.276	0.645
7:	-1.133	-0.129
8:	-0.712	-0.316
9:	-0.317	-0.284
10:	0.179	-0.258



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348977. 0

TARGET NUMBER: 3

FILE DATE: 11/19/2004

FILE TIME: 09:04

X CENTROID: 0.072

Y CENTROID: 0.076

POA TO CENTROID: 0.104

HORZ SPREAD: 1.742

VERT SPREAD: 1.889

GROUP SPREAD: 2.036

MIN RADIUS: 0.250

MAX RADIUS: 1.253

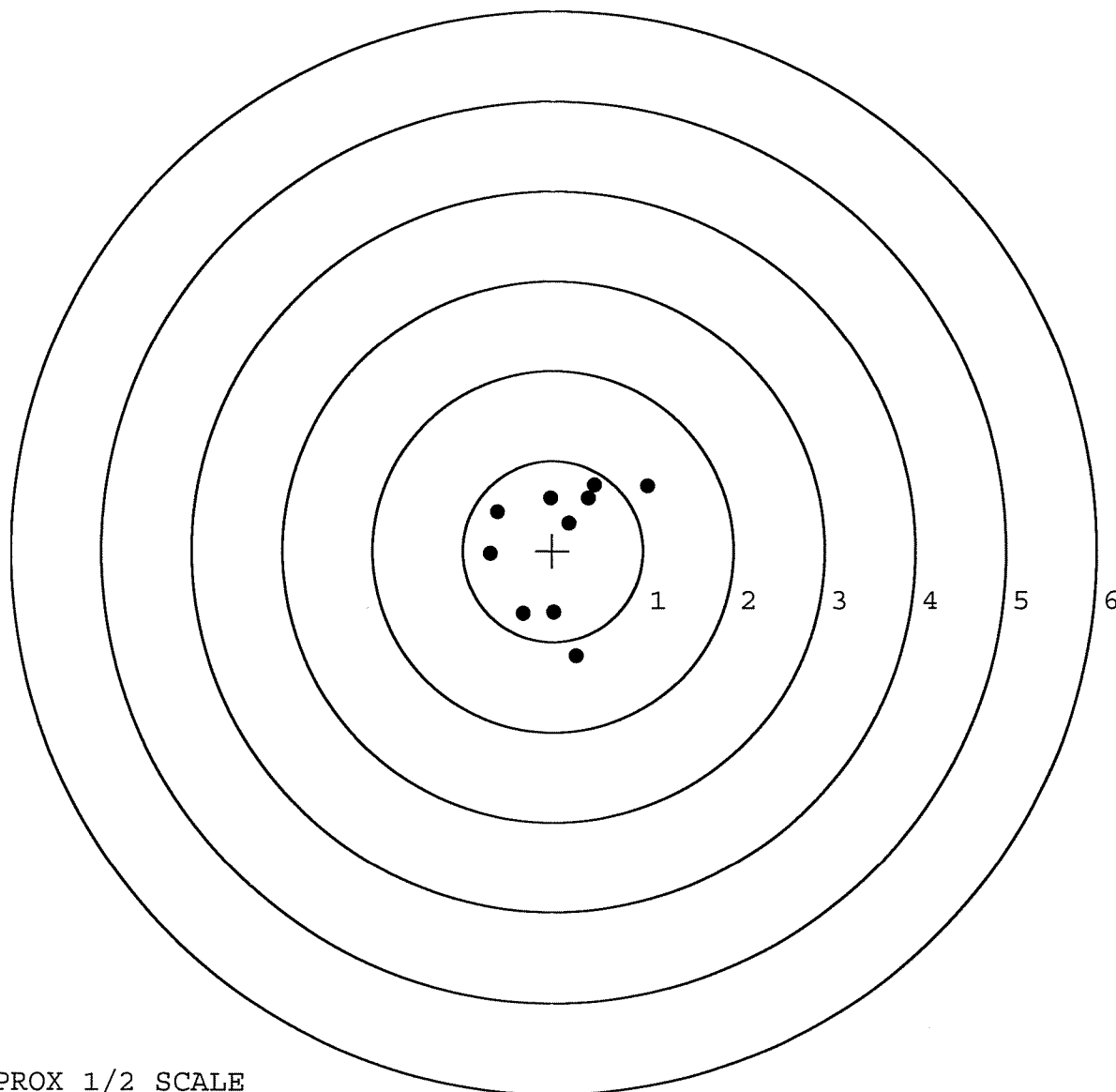
MEAN RADIUS: 0.773

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.048	0.718
2:	0.466	0.727
3:	0.183	0.300
4:	-0.022	0.580
5:	-0.615	0.432
6:	-0.694	-0.036
7:	-0.329	-0.698
8:	0.017	-0.684
9:	0.266	-1.162
10:	0.397	0.581

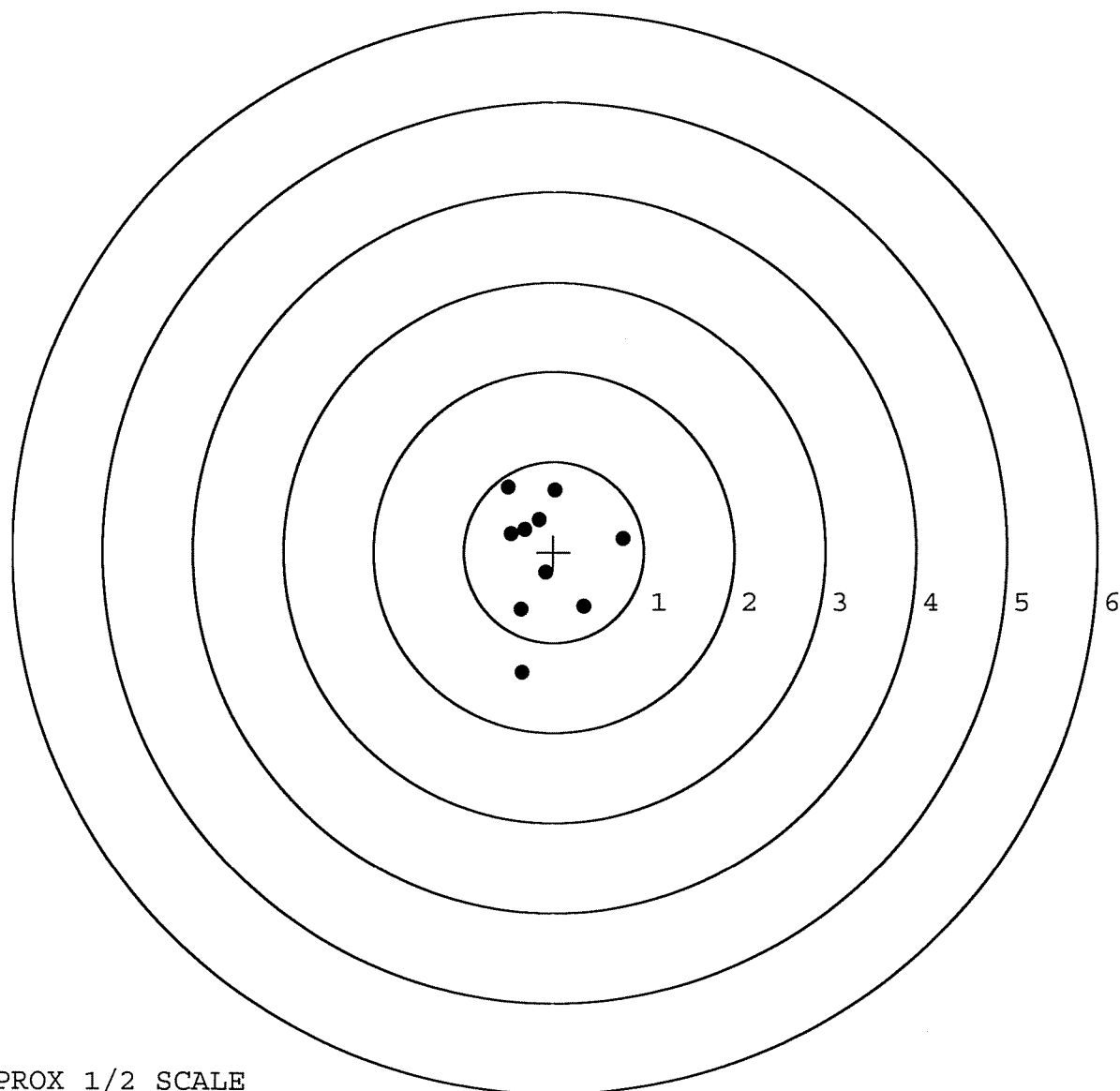


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348977. __0
TARGET NUMBER: 4
FILE DATE: 11/19/2004
FILE TIME: 09:04

X CENTROID: -0.114
Y CENTROID: -0.044
POA TO CENTROID: 0.123
HORZ SPREAD: 1.283
VERT SPREAD: 2.056
GROUP SPREAD: 2.063
MIN RADIUS: 0.185
MAX RADIUS: 1.316
MEAN RADIUS: 0.656
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.338	-0.602
2:	0.772	0.150
3:	-0.347	-1.339
4:	-0.362	-0.634
5:	-0.090	-0.228
6:	0.014	0.685
7:	-0.511	0.717
8:	-0.475	0.202
9:	-0.320	0.253
10:	-0.162	0.355



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348977. __0

TARGET NUMBER: 5

FILE DATE: 11/19/2004

FILE TIME: 09:04

X CENTROID: -0.038

Y CENTROID: -0.168

POA TO CENTROID: 0.172

HORZ SPREAD: 1.685

VERT SPREAD: 1.548

GROUP SPREAD: 1.776

MIN RADIUS: 0.269

MAX RADIUS: 1.054

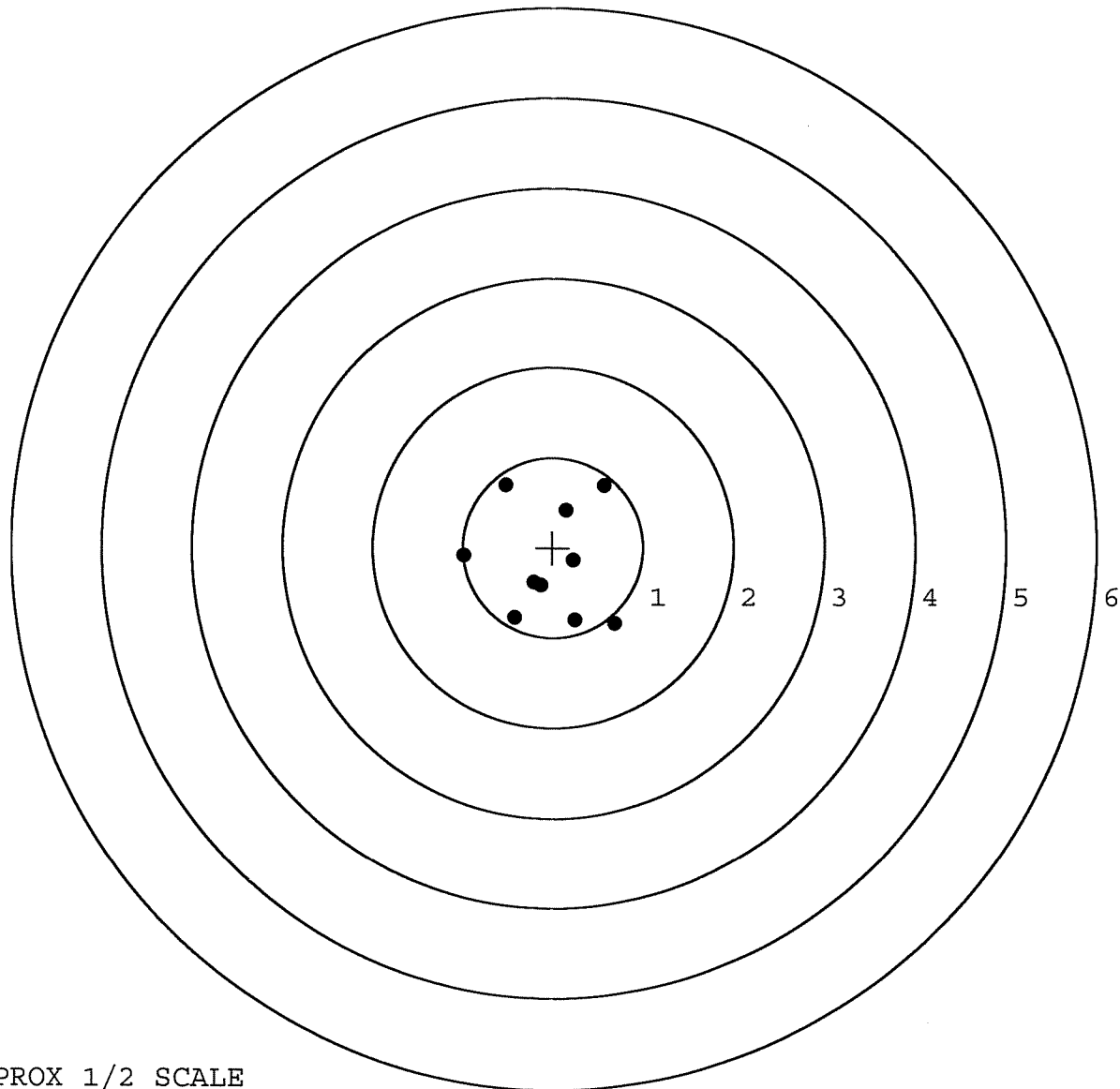
MEAN RADIUS: 0.686

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.693	-0.853
2:	0.249	-0.807
3:	-0.422	-0.781
4:	-0.131	-0.420
5:	-0.209	-0.392
6:	0.230	-0.143
7:	0.151	0.420
8:	0.571	0.692
9:	-0.522	0.695
10:	-0.992	-0.091



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	87054		
SERIAL NUMBER	C-6348977		
LOG-IN DATE	10-27-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10/29/04	RA
560 A	RE-BARREL	11-2-04	RTL
B	DRILL AND TAP	11-4-04	TRW
575	ASSEMBLE	11-2-04	RTL
600	PROOF	11-3-04	RTL
605	CHECK HEADSPACE	11-3-04	RTL
610	DIS-ASSEMBLE GUN	11-4-04	RTL
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	11/5/04	B
618	ROTO-BLAST	11-6-04	UB
620	APPLY COATINGS	11/9	HP
625 A	FINAL ASSEMBLY	11-15-04	RTL
B	TRIGGER PULL TEST		NA
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-19-04	TRW
655	FINAL INSPECT	11-20-04	RTL
660	PACK	11-20-04	RA
		SHIP DATE	
QAR INSPECTION DATE			

Remington



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

MODEL 700TM H24

SERIAL NO.
C6348977

ORDER NO.
5716

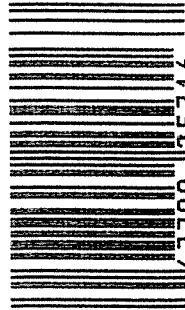
Ø1

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



5716 C6348977

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6348977

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 14	89	RW
600	Proof	9 14	89	RW
607	Check Headspace	9 14	89	RW
610	Dis-assemble Gun	9 14	89	RW
612	Magnaflux Barrel Action	9-14-89		KCR
	Magnaflux Bolt	9-14-89		KCR
615	Rollmark Caliber		9-15-89	GS
7	Drill and Tap Sight Holes	9 15	89	YB
618	Polish Barrel	9 15	89	BT
620	Apply Coatings (Barrel Action)		9-25-89	JSA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/26/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/26/89	RW
	C) Inspect Ejector Hole for Chamfer		9/26/89	RW
	D) Oil Firing Pin Ass'y		9/26/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		28 Sept 89	GS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	7	7			9/28/89	JS
	G) Safety Off Force	3	3	4			9/28/89	JS
	H) Trigger Pull Test & Retainability						28 Sept 89	JS
	I) Firing Pin Indent	.020	.020	.020			9/28/89	JS
	J) Assemble Stock						10/9/89	RW
	K) Assemble Swivel Studs						11 Oct 89	JS
	L) Attach Front and Rear Sight Assemblies						10/9/89	RW
	M) Iron Sight Alignment						10/9/89	RW
	N) Detach Front & Rear Sights & place in numbered container						10/9/89	RW
	O) Attach Scope to Rifle						9 Oct 89	JS
	P) Detach & Attach Scope 20 Times						9 Oct 89	JS
640	Gallery Target & Test						10-9-89	JS
	A) Time						10-9-89	JS
	B) Malfunctions						10-9-89	JS
	C) Pierced Primers						10-9-89	JS
	D) Optical Clarity of Scope						10-9-89	JS
645	Inspect for Live Ammo						10-9-89	JS
655	Final Inspection							
	A) Headspace						11 Oct 89	JS
	B) Trigger Pull	235	265	274	274	273	11 Oct 89	JS
	C) Function						11 Oct 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. 8977

DATE 3-26-90

TESTER JR

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.53	2.46	2.53	MIN. SETTING,
PULL #2	2.49	2.38	2.42	NO AVG. OF 5
PULL #3	2.56	2.41	2.40	READINGS ACCEPT-
PULL #4	2.58	2.37	2.54	ABLE LESS THAN 2#
PULL #5	2.51	2.38	2.55	
TOTAL	12.66	12.00	12.44	
AVG.	2.532	2.40	2.488	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.20	3.57	
PULL #2	3.57	3.50	
PULL #3	3.43	3.49	
PULL #4	3.49	3.30	
PULL #5	3.45	3.57	
TOTAL	17.14	17.43	
AVG.	3.428	3.486	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.17		
PULL #2	4.26	4.19		
PULL #3	4.03	4.28		
PULL #4	4.29	4.36		
PULL #5	4.28	4.30		
TOTAL	21.16	21.30		
AVG.	4.232	4.260		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348977
9 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.654358
1 TO	2	.512562
1 TO	3	.793841
1 TO	4	.682077
1 TO	5	.74013

1 2 ⁴ 5 <----POA

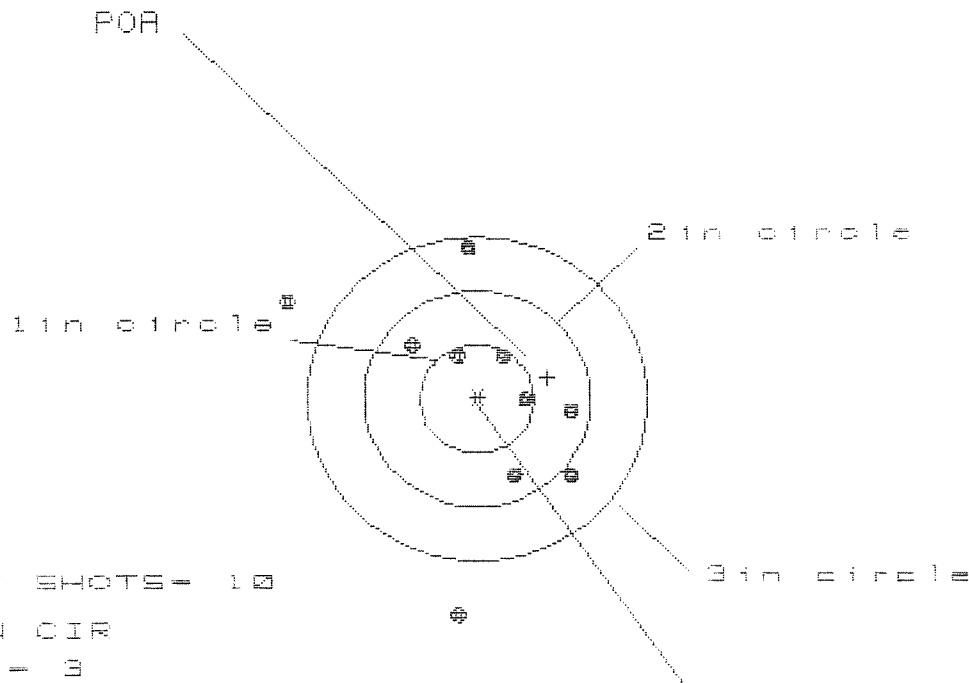
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1192
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1514
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .192693
THE AMR FOR THIS RIFLE IS: 1.001

9 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8348377

CENTERFIRE PATTERNS

1



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 6

3 in = 8

HS= 2.511

VS= 3.353

GS= 3.357

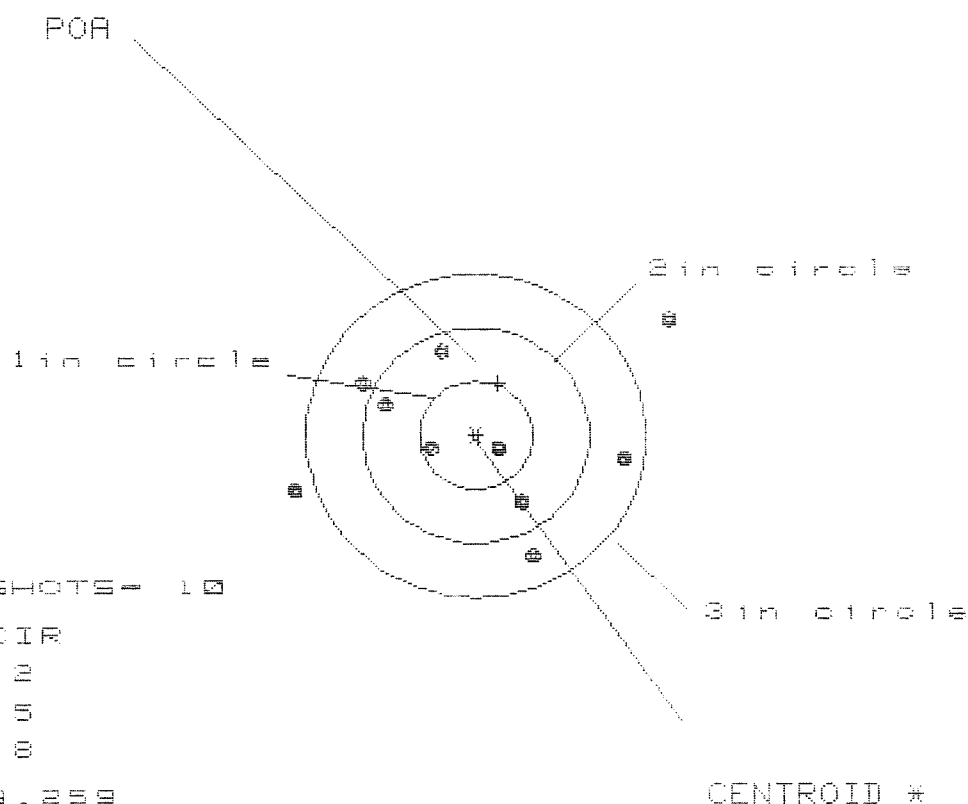
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.872	.848	.640
MINIMUM X	-1.639	-1.663	-.827
MAXIMUM Y	1.374	1.154	1.233
MINIMUM Y	-1.979	-.932	-.853
CENTROID X	-.624	-.600	-.392
CENTROID Y	-.197	.023	-.056
POA TO CENTROID in.	.655	.600	.396
MIN RADIUS	.396	.263	.233
MEAN RADIUS	1.008	.864	.721
MAX RADIUS	1.992	1.779	1.269
HORIZONTAL SPREAD	2.511	2.511	1.467
VERTICAL SPREAD	3.353	2.086	2.086
EXTREME SPREAD	3.357	2.958	2.288
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

9 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06346377

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 3.259

VS= 2.236

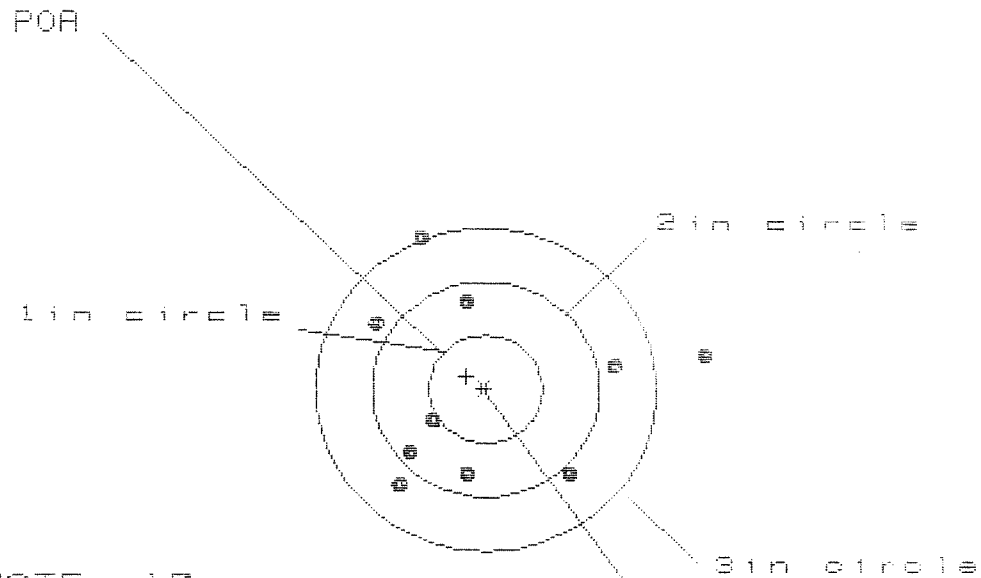
GS= 3.626

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.652	1.494	1.316
MINIMUM X	:	-1.607	-1.423	-1.022
MAXIMUM Y	:	1.103	.952	.907
MINIMUM Y	:	-1.133	-1.011	-1.056
CENTROID X	:	-.200	-.384	-.206
CENTROID Y	:	-.485	-.607	-.562
POA TO CENTROID in.	:	.525	.718	.598
MIN RADIUS	:	.241	.201	.209
MEAN RADIUS	:	1.051	.923	.848
MAX RADIUS	:	1.986	1.494	1.319
HORIZONTAL SPREAD	:	3.259	2.917	2.338
VERTICAL SPREAD	:	2.236	1.963	1.963
EXTREME SPREAD	:	3.626	2.934	2.435
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

9 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06346977

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS= 2.878

VS= 2.243

GS= 2.988

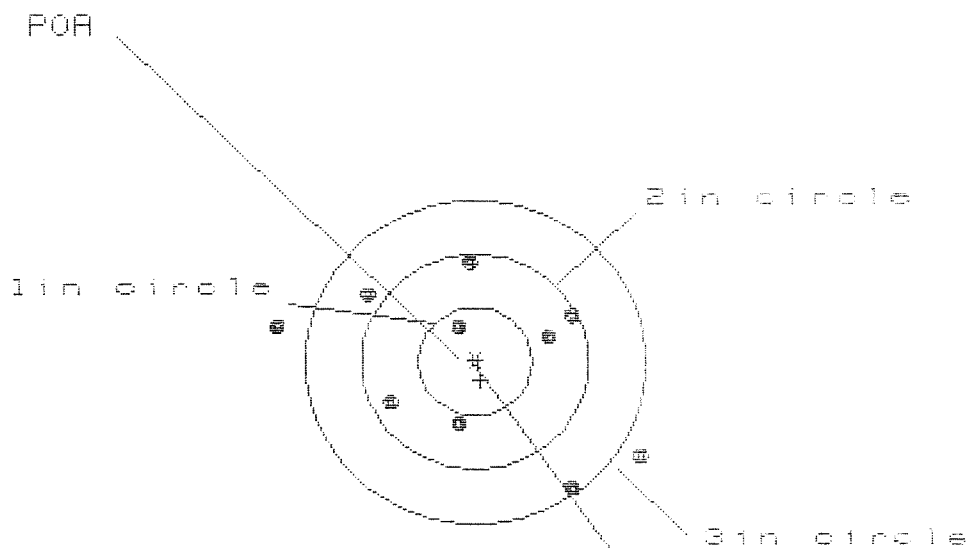
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.947	1.320	1.274
MINIMUM X	:	-.931	-.715	-.761
MAXIMUM Y	:	1.381	1.416	1.057
MINIMUM Y	:	-.861	-.827	-.650
CENTROID X	:	.166	-.050	-.004
CENTROID Y	:	-.119	-.153	-.330
PORA TO CENTROID in.	:	.204	.161	.330
MIN RADIUS	:	.555	.357	.322
MEAN RADIUS	:	1.110	.970	.880
MAX RADIUS	:	1.971	1.464	1.339
HORIZONTAL SPREAD	:	2.878	2.035	2.035
VERTICAL SPREAD	:	2.243	2.243	1.707
EXTREME SPREAD	:	2.990	2.567	2.196
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

9 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8348977

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 3.205

VS= 2.100

GS= 3.404

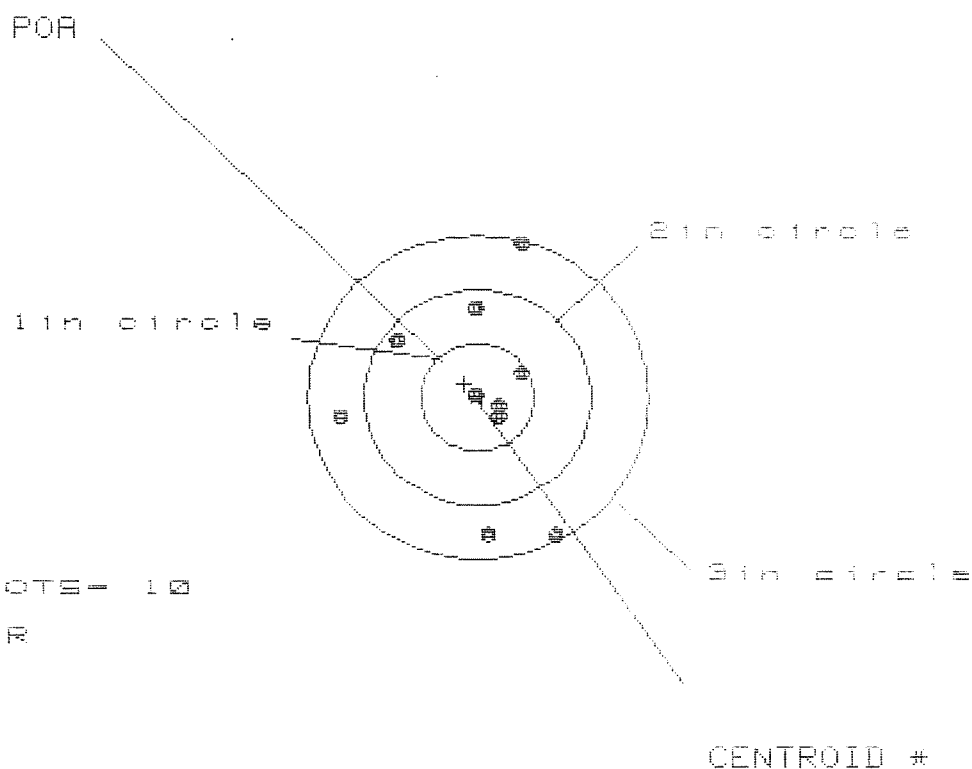
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.424	1.226	.856
MINIMUM X	:	-1.781	-1.119	-.965
MAXIMUM Y	:	.928	.961	.860
MINIMUM Y	:	-1.172	-1.139	-1.240
CENTROID X	:	-.051	.147	-.007
CENTROID Y	:	.173	.140	.241
POA TO CENTROID in.	:	.181	.283	.241
MIN RADIUS	:	.384	.514	.355
MEAN RADIUS	:	1.041	.953	.862
MAX RADIUS	:	1.806	1.469	1.495
HORIZONTAL SPREAD	:	3.205	2.345	1.821
VERTICAL SPREAD	:	2.100	2.100	2.100
EXTREME SPREAD	:	3.404	2.774	2.553
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

9 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08348977

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 4

2in = 6

3in = 9

HS = 1.877

VS = 2.759

GS = 2.773

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.664	.706	.474
MINIMUM X	:	-1.213	-1.171	-1.082
MAXIMUM Y	:	1.460	.984	.842
MINIMUM Y	:	-1.299	-1.137	-1.221
CENTROID X	:	.113	.071	-.018
CENTROID Y	:	-.129	-.291	-.149
POR TO CENTROID in.	:	.171	.299	.150
MIN RADIUS	:	.012	.157	.122
MEAN RADIUS	:	.796	.740	.657
MAX RADIUS	:	1.510	1.339	1.242
HORIZONTAL SPREAD	:	1.877	1.877	1.556
VERTICAL SPREAD	:	2.759	2.121	2.063
EXTREME SPREAD	:	2.773	2.231	2.064
NUMBER IN ONE INCH CIRCLE =			4	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			9	