C661491

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: RE00087844

Verify Repair

Serial: C6611491 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 11/12/2004 7:32:46 AM

Address Information

Customer: (Received From)		Return To: (Received From)	
Name:	KANSAS NAT L GD USPFO WHSE		KANSAS NAT L GD USPFO WHSE
Address 1:	RICK SEPULVEDA		RICK SEPULVEDA
Address 2:	131 SW 27TH ST BLDG 202 PO Box:		131 SW 27TH ST BLDG 202 PO Box:
City:	TOPEKA		TOPEKA
State:	KS Zip Code: 66611 Country: US	State:	KS Zip Code: 66611 Country: US

FFL:

Contact / Condition | Problems | Estimate | History / Status | Shipping / Billing

Contact Information

Phone: 785 274 1290
Fax:
Email:
Comments:

Received Condition

Good
Condition Notes:
CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A016	Scope Rings	2
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A055	Deployment Kit	1
C000	FRT AND R SGT BAS	1

Repair Search | Refresh | Close

nagletj | 11/12/2004 | 7:37 AM | CAPS | NUM | INS | SCRL

start | 3 | Arms S | 3 | 2

Serial Number: C6611491

Model: M24 SWS

RE00087844

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

R & E NUMBER	87844		
SERIAL NUMBER	CL661491		
LOG-IN DATE	11-12-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-15-04	RTL
560 A	RE-BARREL	11-16-04	RTL
B	DRILL AND TAP	11-17-04	TRW
575	ASSEMBLE	11-16-04	RTL
600	PROOF	11-16-04	RTL
605	CHECK HEADSPACE	11-16-04	RTL
610	DIS-ASSEMBLE GUN	11-17-04	RTL
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	11-18-04	SB/CW
618	ROTO-BLAST	11-30-04	LB
620	APPLY COATINGS	12/1/04	
625 A	FINAL ASSEMBLY	12-6-04	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	12-6-04	TRW
655	FINAL INSPECT	12-7-04	RTL
660	PACK	12-7-04	DA
		SHIP DATE	
	QAR INSPECTION DATE		

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611491.__0
FILE DATE AND TIME: 12/06/2004 08:33

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

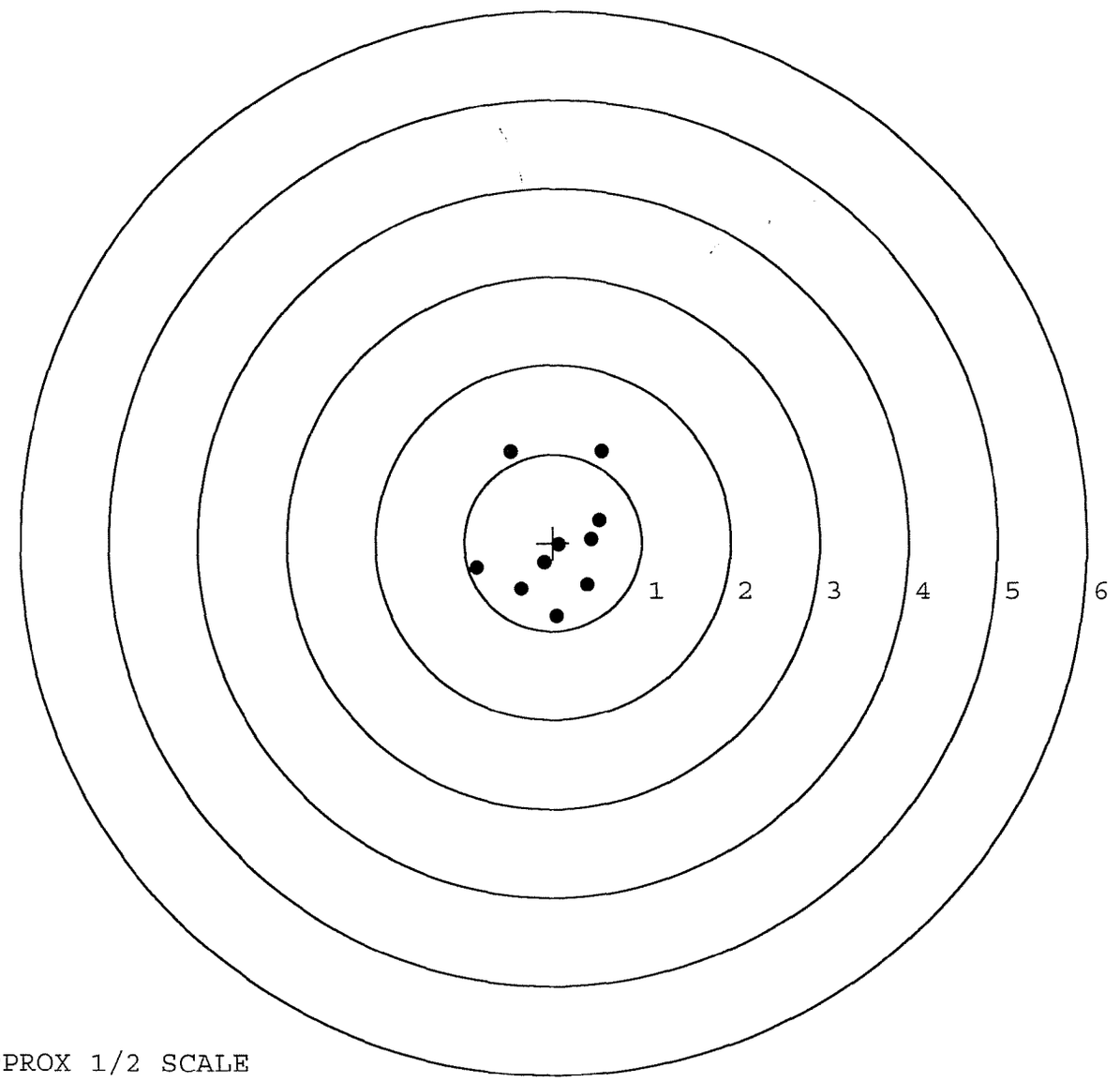
The Average X Centroid of the Five Target Set:	0.009
The Average Y Centroid of the Five Target Set:	-0.038
The Average Point of Impact of the Five Target Set:	0.039
The Average Mean Radius of the Five Target Set:	0.800
The Distance from POA to Centroid Target #1:	0.024
The Distance from Centroid Target #2 to Centroid Target #1:	0.062
The Distance from Centroid Target #3 to Centroid Target #1:	0.122
The Distance from Centroid Target #4 to Centroid Target #1:	0.118
The Distance from Centroid Target #5 to Centroid Target #1:	0.148

BARBER - M24 0077747

SERIAL NUMBER: C6611491.__0
TARGET NUMBER: 1
FILE DATE: 12/06/2004
FILE TIME: 08:33

X CENTROID:	0.023
Y CENTROID:	-0.004
POA TO CENTROID:	0.024
HORZ SPREAD:	1.417
VERT SPREAD:	1.866
GROUP SPREAD:	1.935
MIN RADIUS:	0.044
MAX RADIUS:	1.161
MEAN RADIUS:	0.660
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.044	-0.834
2:	0.396	-0.482
3:	0.436	0.035
4:	0.532	0.249
5:	0.557	1.027
6:	-0.474	1.032
7:	0.061	-0.026
8:	-0.104	-0.223
9:	-0.355	-0.529
10:	-0.860	-0.291



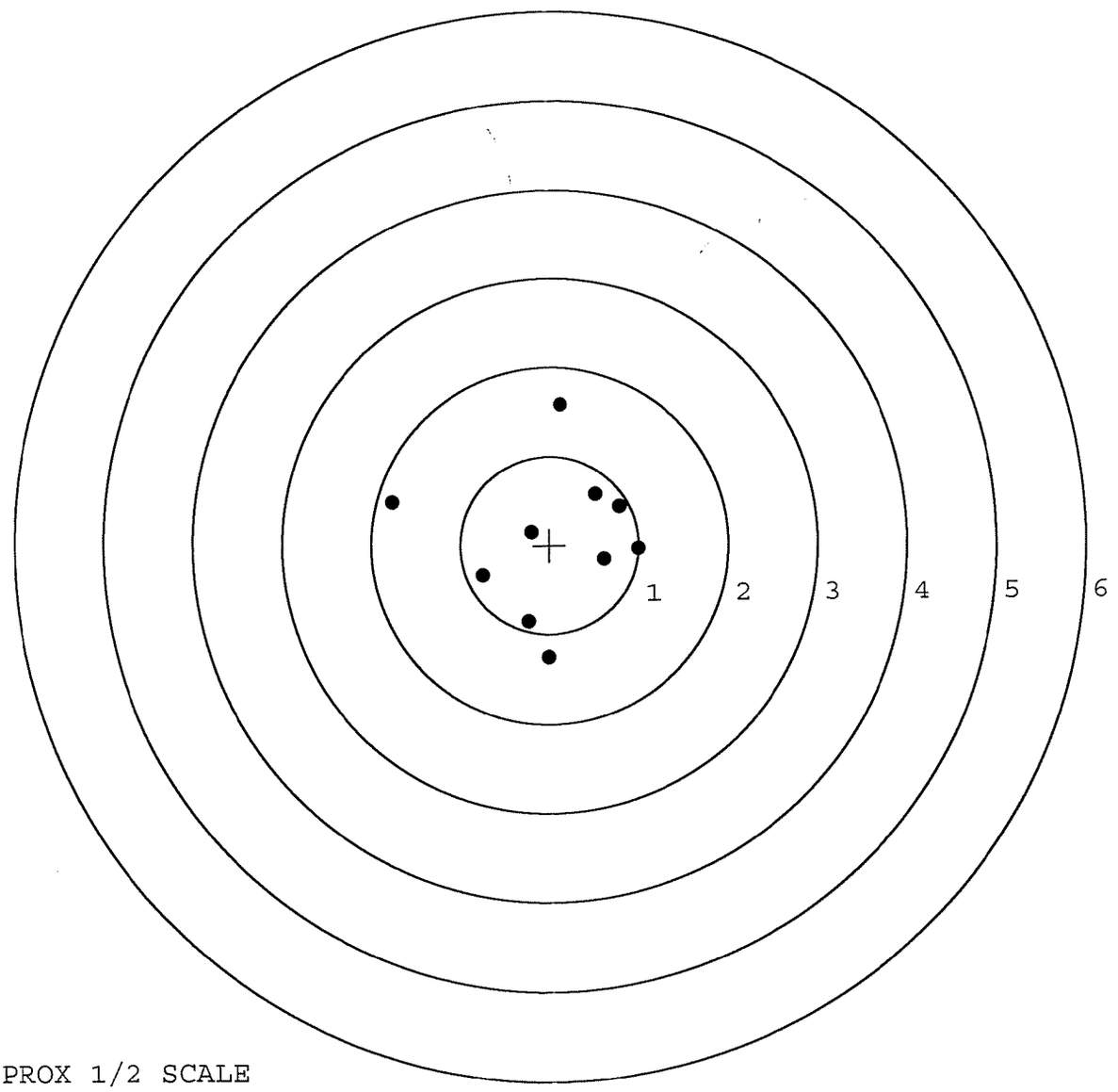
TARGET APPROX 1/2 SCALE

BARBER - M24 0077748

SERIAL NUMBER: C6611491.__0
TARGET NUMBER: 2
FILE DATE: 12/06/2004
FILE TIME: 08:33

X CENTROID:	0.008
Y CENTROID:	0.056
POA TO CENTROID:	0.057
HORZ SPREAD:	2.757
VERT SPREAD:	2.840
GROUP SPREAD:	2.810
MIN RADIUS:	0.229
MAX RADIUS:	1.824
MEAN RADIUS:	0.994
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	-0.021	-1.261
2:	-0.241	-0.862
3:	-0.752	-0.336
4:	-0.200	0.151
5:	-1.762	0.496
6:	0.135	1.579
7:	0.523	0.573
8:	0.790	0.432
9:	0.995	-0.048
10:	0.616	-0.165



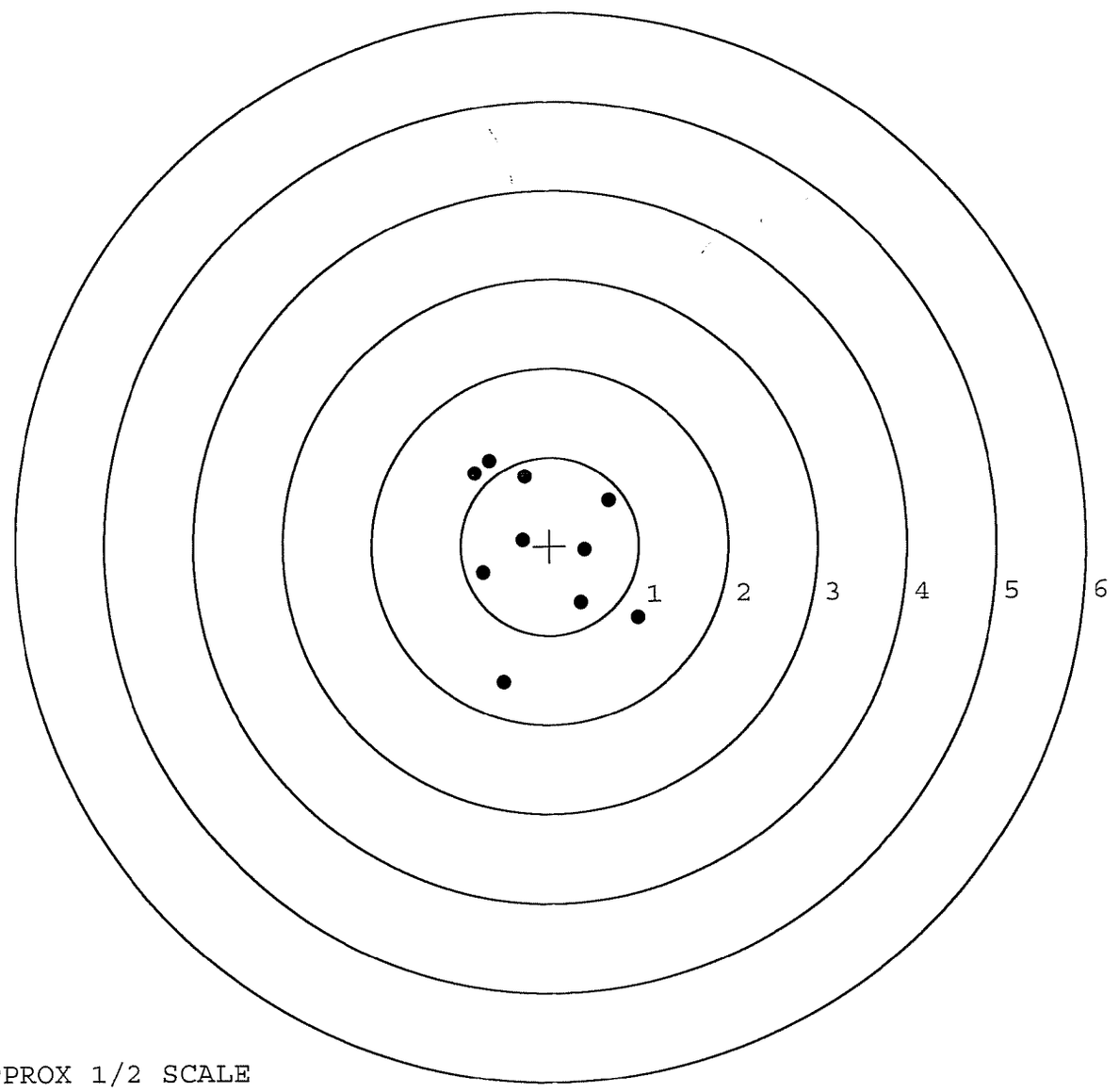
TARGET APPROX 1/2 SCALE

BARBER - M24 0077749

SERIAL NUMBER: C6611491.__0
TARGET NUMBER: 3
FILE DATE: 12/06/2004
FILE TIME: 08:33

X CENTROID:	-0.098
Y CENTROID:	-0.018
POA TO CENTROID:	0.099
HORZ SPREAD:	1.818
VERT SPREAD:	2.489
GROUP SPREAD:	2.493
MIN RADIUS:	0.227
MAX RADIUS:	1.566
MEAN RADIUS:	0.911
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.981	-0.816
2:	0.351	-0.641
3:	0.395	-0.052
4:	0.670	0.502
5:	-0.529	-1.524
6:	-0.306	0.071
7:	-0.753	-0.294
8:	-0.278	0.784
9:	-0.670	0.965
10:	-0.837	0.824



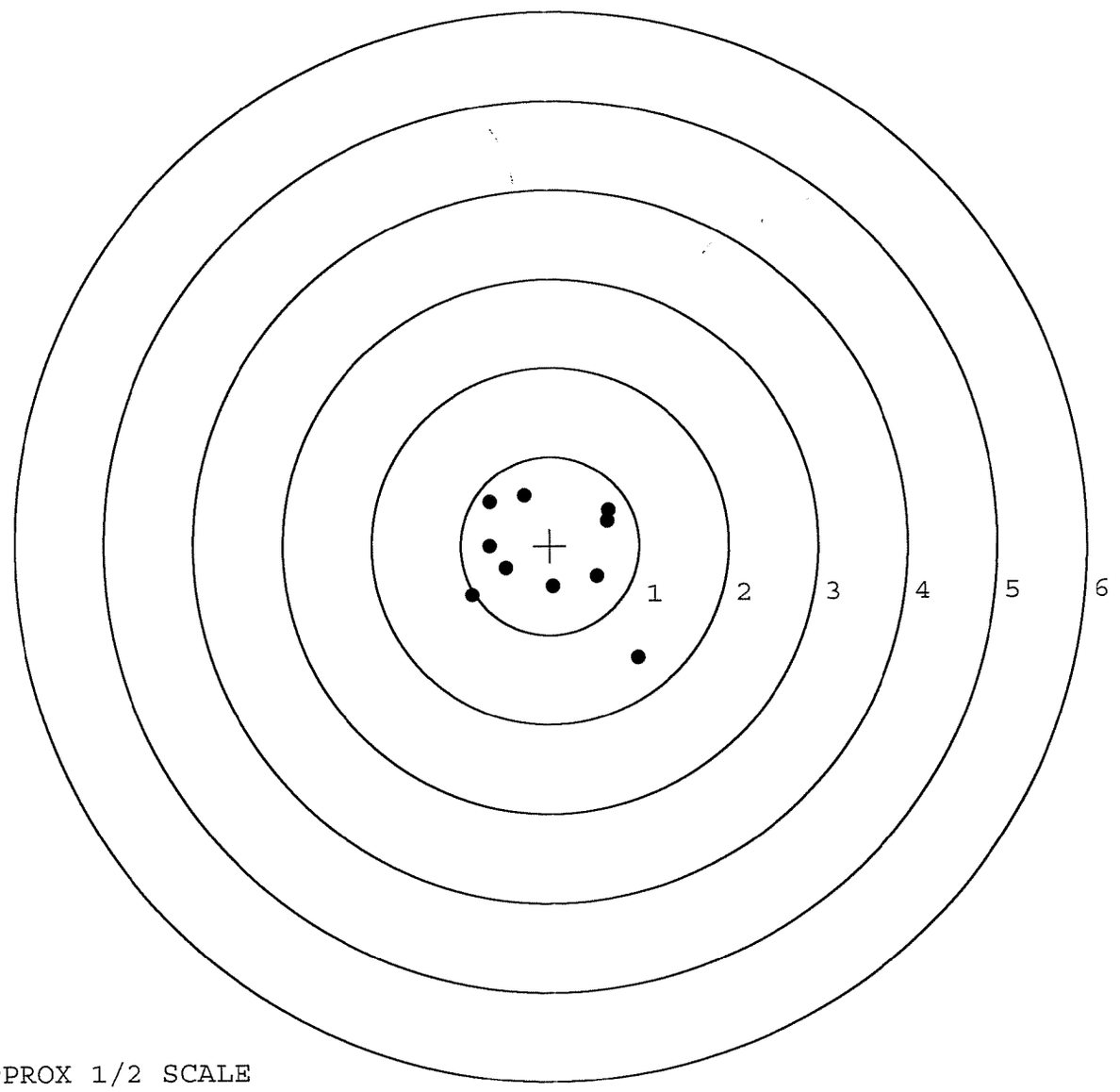
TARGET APPROX 1/2 SCALE

BARBER - M24 0077750

SERIAL NUMBER: C6611491.__0
TARGET NUMBER: 4
FILE DATE: 12/06/2004
FILE TIME: 08:33

X CENTROID:	-0.016
Y CENTROID:	-0.116
POA TO CENTROID:	0.117
HORZ SPREAD:	1.850
VERT SPREAD:	1.834
GROUP SPREAD:	2.413
MIN RADIUS:	0.342
MAX RADIUS:	1.521
MEAN RADIUS:	0.784
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.974	-1.270
2:	0.527	-0.353
3:	0.029	-0.455
4:	0.652	0.272
5:	0.666	0.393
6:	-0.285	0.564
7:	-0.672	0.494
8:	-0.678	0.003
9:	-0.876	-0.551
10:	-0.495	-0.253



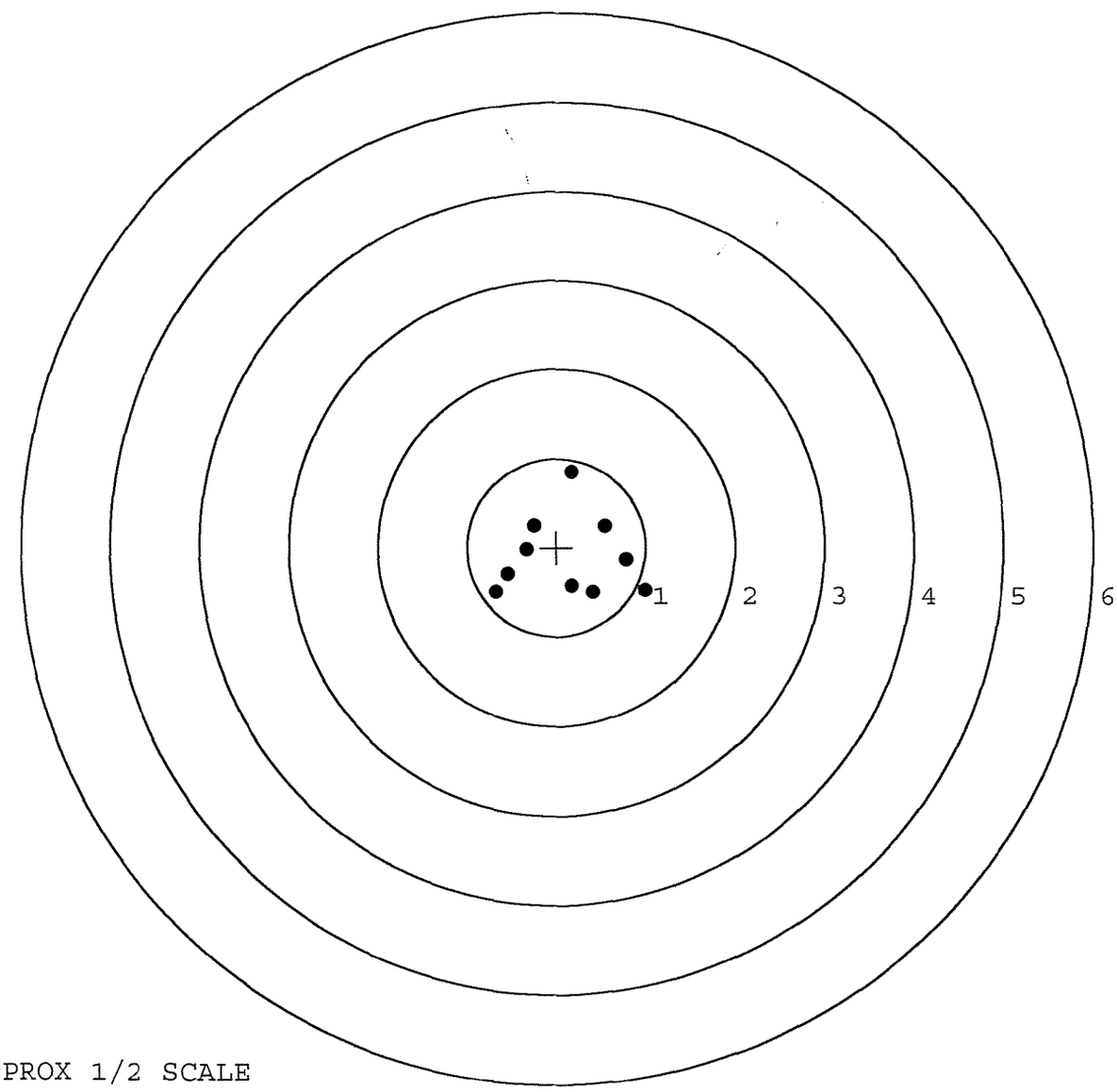
TARGET APPROX 1/2 SCALE

BARBER - M24 0077751

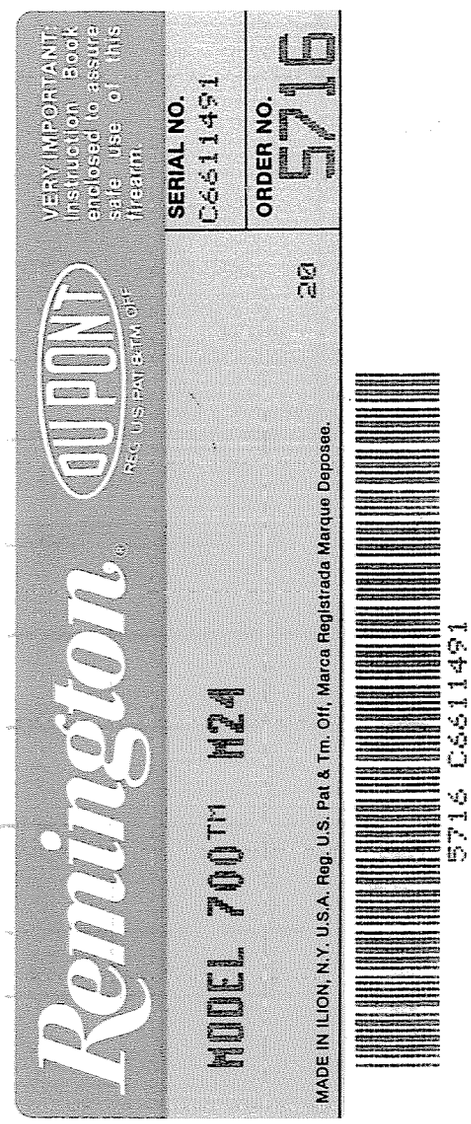
SERIAL NUMBER: C6611491.__0
TARGET NUMBER: 5
FILE DATE: 12/06/2004
FILE TIME: 08:33

X CENTROID:	0.128
Y CENTROID:	-0.108
POA TO CENTROID:	0.168
HORZ SPREAD:	1.672
VERT SPREAD:	1.357
GROUP SPREAD:	1.595
MIN RADIUS:	0.329
MAX RADIUS:	0.956
MEAN RADIUS:	0.652
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.995	-0.490
2:	0.782	-0.141
3:	0.548	0.239
4:	0.171	0.847
5:	0.420	-0.510
6:	0.178	-0.434
7:	-0.249	0.244
8:	-0.338	-0.030
9:	-0.545	-0.306
10:	-0.677	-0.504



TARGET APPROX 1/2 SCALE


UPC
0 47700 25716 7
VERY IMPORTANT!
Instruction Book enclosed to assure safe use of this firearm.
Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
SERIAL NO.
C6611491
ORDER NO.
576
MODEL 700™ M24
20
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.
5716 C6611491

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C66114491

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/13/91	K.S.
600	Proof		3/13/91	K.S.
607	Check Headspace		3/13/91	K.S.
610	Dis-assemble Gun		3/13/91	K.S.
612	Magnaflux Barrel Action		3/27/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		3/27/91	
617	Drill and Tap Sight Holes	APR	3 1991	
618	Polish Barrel	APR	3 1991	
620	Apply Coatings (Barrel Action)		4-12-91	
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/2/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/2/91	KS
	C) Inspect Ejector Hole for Chamfer		5/2/91	KS
	D) Oil Firing Pin Ass'y		5/2/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		5/8/91	

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5/8/91	
	G) Safety Off Force	4	4	4			5/8/91	
	H) Trigger Pull Test & Retainability						5/8/91	
	I) Firing Pin Indent	.023	.022	.022			5/8/91	
	J) Assemble Stock						5/8/91	
	K) Assemble Swivel Studs						5-18-91	
	L) Attach Front and Rear Sight Assemblies						5/8/91	
	M) Iron Sight Alignment						5/8/91	
	N) Detach Front & Rear Sights & place in numbered container						5/8/91	
	O) Attach Scope to Rifle						5/8/91	
	P) Detach & Attach Scope 20 Times						5/8/91	
640	Gallery Target & Test						5-10-91	
	A) Time						"	
	B) Malfunctions						"	
	C) Pierced Primers						"	
	D) Optical Clearity of Scope						"	
645	Inspect for Live Ammo						5-10-91	
655	Final Inspection A) Headspace						5-18-91	
	B) Trigger Pull	2.60	2.44	2.48	2.50	2.55	5/13/91	
	C) Function						5-18-91	
660	Pack						6-17-91	

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C-66N491
DATE 5-18-91
TESTER [illegible]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.55	2.20	2.22	2.60	~~MIN. SETTING,~~
PULL #2	2.58	2.38	2.36	2.44	~~NO AVG. OF 5~~
PULL #3	2.50	2.34	2.38	2.48	~~READINGS ACCEPT-~~
PULL #4	2.38	2.19	2.20	2.58	~~ABLE LESS THAN 2#~~
PULL #5	2.53	2.28	2.24	2.55	
TOTAL					
AVG.					

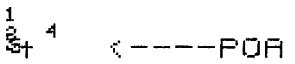
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.43	3.30		
PULL #2	3.40	3.31		
PULL #3	3.41	3.38		
PULL #4	3.44	3.42		
PULL #5	3.40	3.40		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.48	4.38		4.42
PULL #2	4.28	4.42		4.42
PULL #3	4.40	4.43		4.41
PULL #4	4.25	4.43		4.40
PULL #5	4.40	4.44		4.39
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611491
10 May 1991

CENTROIDAL DISTANCES

0	TO	1	.695117
1	TO	2	.365197
1	TO	3	.509614
1	TO	4	.82108
1	TO	5	.601287

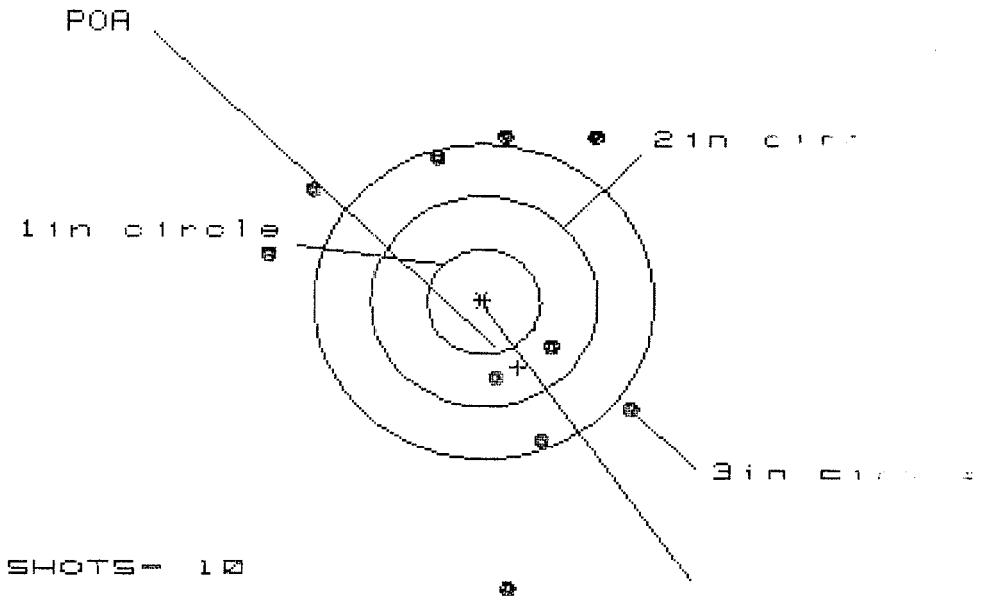


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1058
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .273
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .292784

THE AMR FOR THIS RIFLE IS: 1.198

10 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6611491

CENTERFIRE PATTERNS #



OF SHOTS= 10

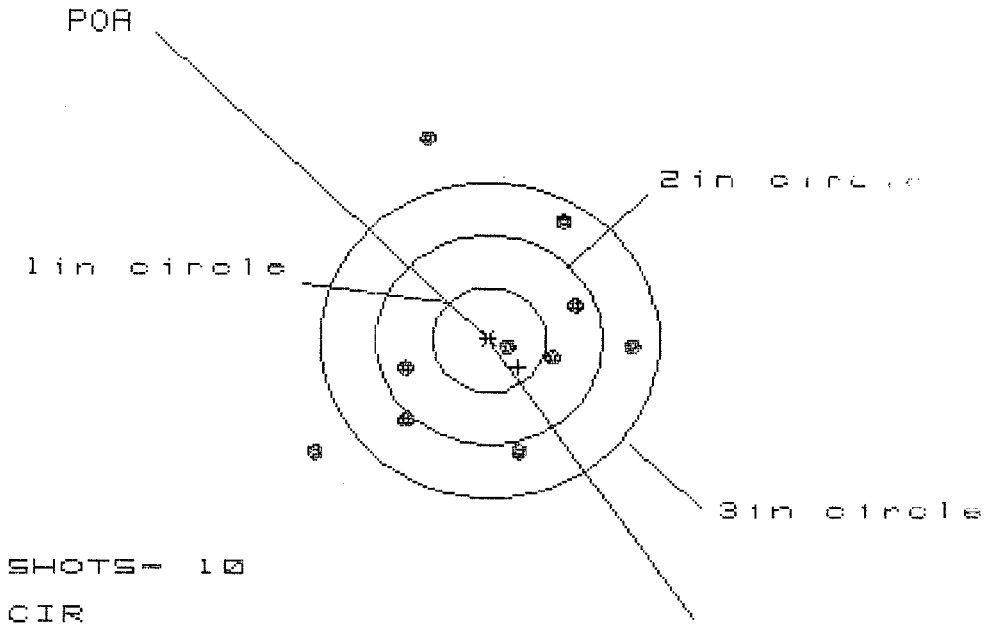
# IN CIR
1in = 0
2in = 2
3in = 4

HS= 3.202
VS= 4.320
GS= 4.403

PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.320	1.337	1.104
MINIMUM X	:	-1.882	-1.865	-1.723
MAXIMUM Y	:	1.614	1.313	1.340
MINIMUM Y	:	-2.706	-1.627	-1.600
CENTROID X	:	-.298	-.315	-.082
CENTROID Y	:	.628	.929	.902
POA TO CENTROID in.	:	.696	.981	.906
MIN RADIUS	:	.705	.962	.820
MEAN RADIUS	:	1.602	1.475	1.402
MAX RADIUS	:	2.711	1.878	1.891
HORIZONTAL SPREAD	:	3.202	3.202	2.827
VERTICAL SPREAD	:	4.320	2.940	2.940
EXTREME SPREAD	:	4.403	3.548	3.500
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		4	

10 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6B11491

CENTERFIRE PATTERNS #



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 8

HS= 2.761

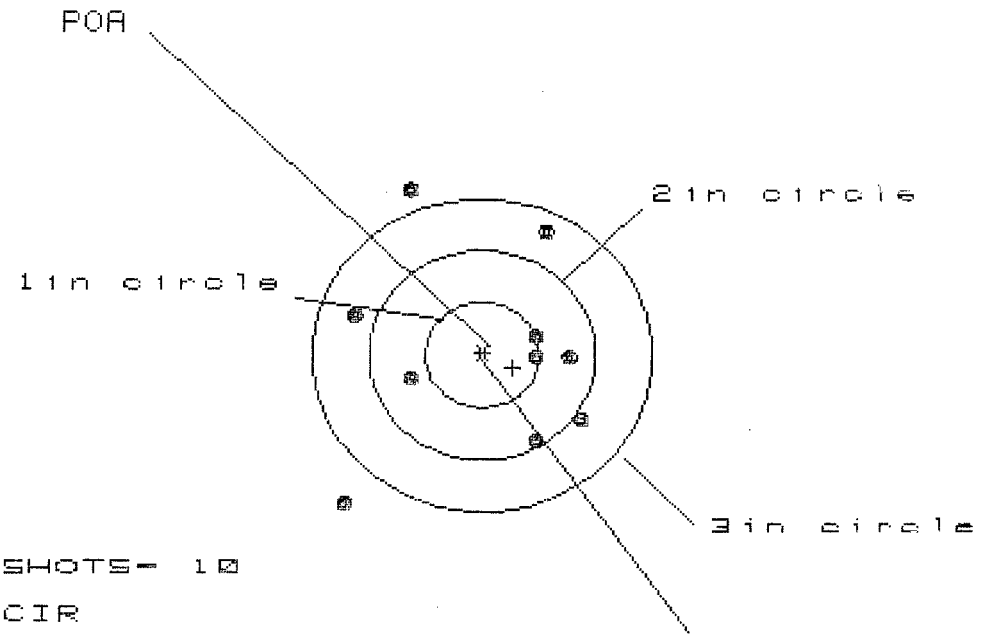
VS= 3.017

GS= 3.132

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.210	1.150	.949
MINIMUM X	:	-1.551	-1.611	-1.041
MAXIMUM Y	:	1.906	1.344	1.241
MINIMUM Y	:	-1.111	-.899	-1.002
CENTROID X	:	-.258	-.198	.003
CENTROID Y	:	.265	.053	.156
POA TO CENTROID in.	:	.370	.205	.156
MIN RADIUS	:	.170	.189	.115
MEAN RADIUS	:	1.097	.974	.824
MAX RADIUS	:	1.981	1.807	1.290
HORIZONTAL SPREAD	:	2.761	2.761	1.990
VERTICAL SPREAD	:	3.017	2.243	2.243
EXTREME SPREAD	:	3.132	3.060	2.340
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

10 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6811491

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

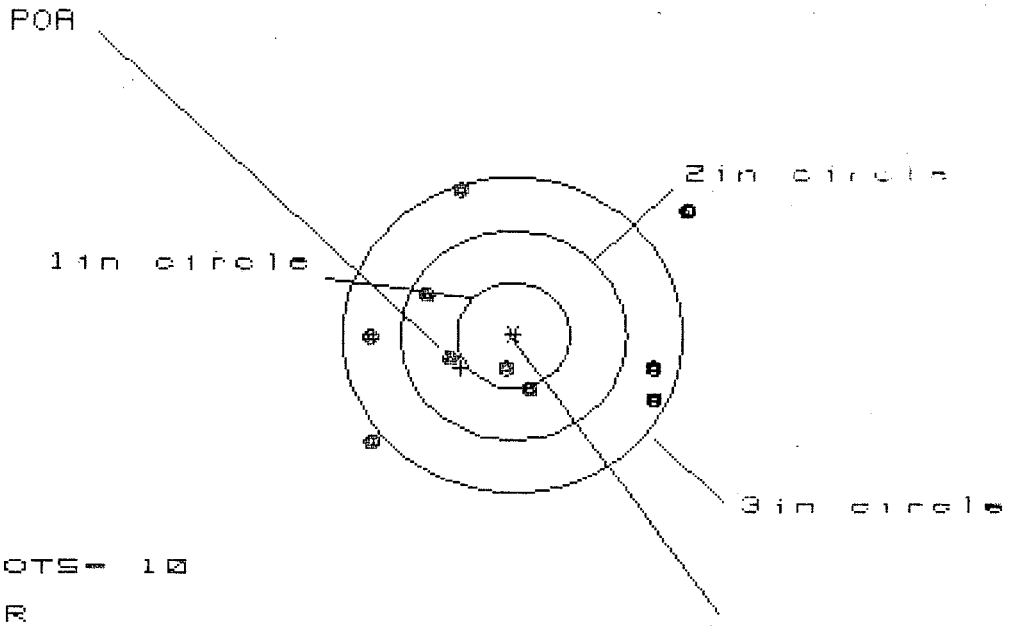
# IN CIR
1in = 1
2in = 5
3in = 8

HS= 2.080
VS= 3.068
GS= 3.173

PATTERN #	:	#3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.852	.715	.620
MINIMUM X	:	-1.228	-1.237	-1.332
MAXIMUM Y	:	1.602	1.439	1.161
MINIMUM Y	:	-1.466	-1.028	-.848
CENTROID X	:	-.273	-.136	-.041
CENTROID Y	:	.119	.282	.102
POA TO CENTROID in.	:	.298	.313	.110
MIN RADIUS	:	.458	.354	.227
MEAN RADIUS	:	1.058	.934	.795
MAX RADIUS	:	1.913	1.629	1.397
HORIZONTAL SPREAD	:	2.080	1.952	1.952
VERTICAL SPREAD	:	3.068	2.467	2.009
EXTREME SPREAD	:	3.173	2.707	2.222
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

10 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6B1[49]

CENTERFIRE PATTERNS # 4

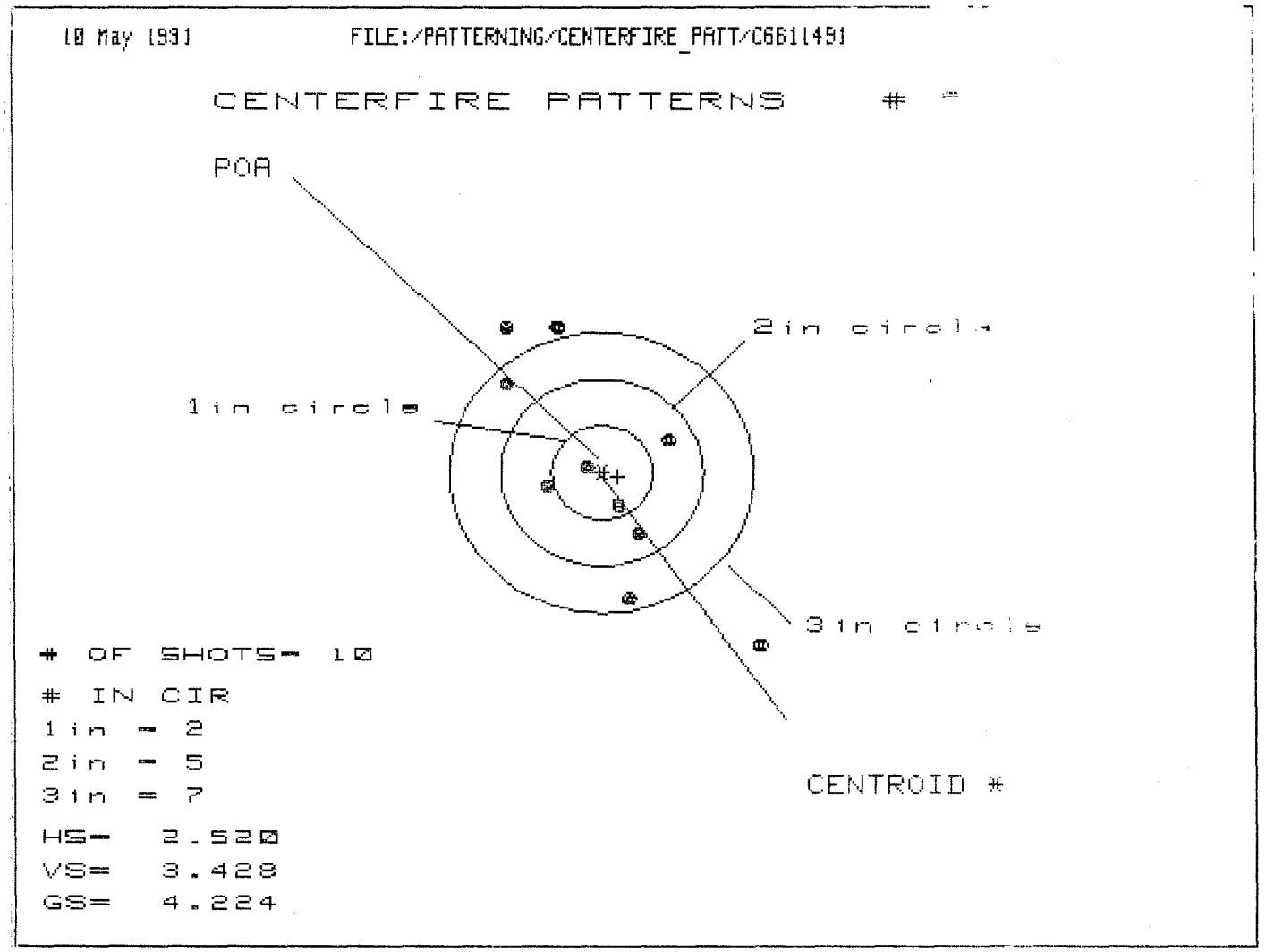


OF SHOTS= 10

# IN CIR
1in = 1
2in = 4
3in = 8

HS= 2.870
VS= 2.408
GS= 3.600

PATTERN #	:	49		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.584	1.462	1.333
MINIMUM X	:	-1.286	-1.110	-1.240
MAXIMUM Y	:	1.358	1.493	1.378
MINIMUM Y	:	-1.050	-.915	-.550
CENTROID X	:	.459	.283	.413
CENTROID Y	:	.310	.175	.289
POA TO CENTROID in.	:	.554	.333	.504
MIN RADIUS	:	.324	.250	.305
MEAN RADIUS	:	1.122	.977	.943
MAX RADIUS	:	1.996	1.513	1.428
HORIZONTAL SPREAD	:	2.870	2.572	2.572
VERTICAL SPREAD	:	2.408	2.408	1.929
EXTREME SPREAD	:	3.600	2.606	2.595
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.565	.798	.707
MINIMUM X	:	-.955	-.781	-.872
MAXIMUM Y	:	1.555	1.346	1.493
MINIMUM Y	:	-1.873	-1.555	-1.386
CENTROID X	:	-.159	-.333	-.242
CENTROID Y	:	.043	.252	.083
POA TO CENTROID in.	:	.165	.417	.256
MIN RADIUS	:	.170	.127	.078
MEAN RADIUS	:	1.109	.964	.852
MAX RADIUS	:	2.441	1.601	1.528
HORIZONTAL SPREAD	:	2.520	1.579	1.579
VERTICAL SPREAD	:	3.428	2.901	2.879
EXTREME SPREAD	:	4.224	3.107	2.945
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	