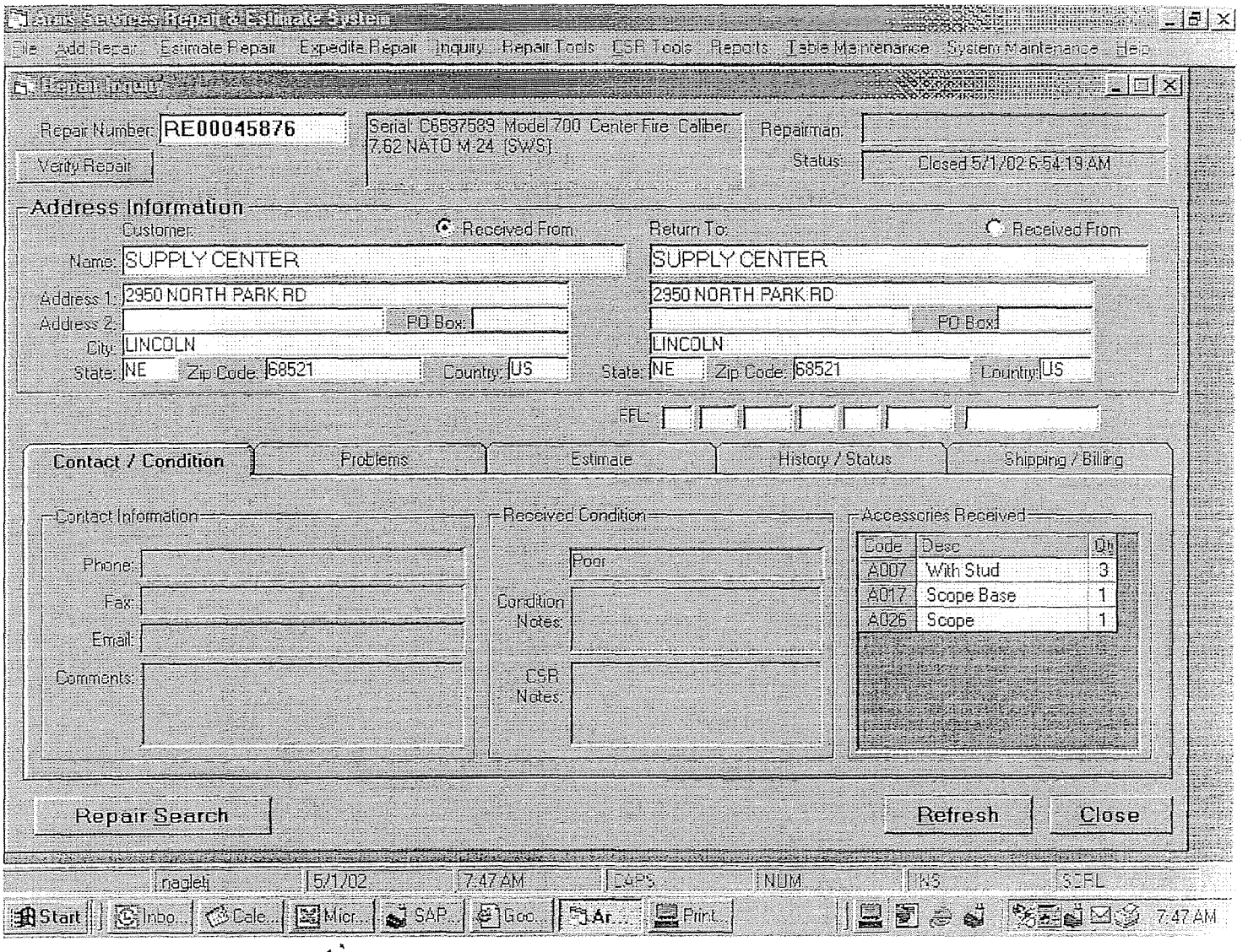
C6878
MODEL 700™ M24
Model SWS TH
Action
Barrel Length
Capacity
Order No. 5716
*Includes 1 in chamber.
Remington



Serial Number: C65587589

Model: 700

RE00045876

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587589.__0
FILE DATE AND TIME: 05/17/2002 14:00

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

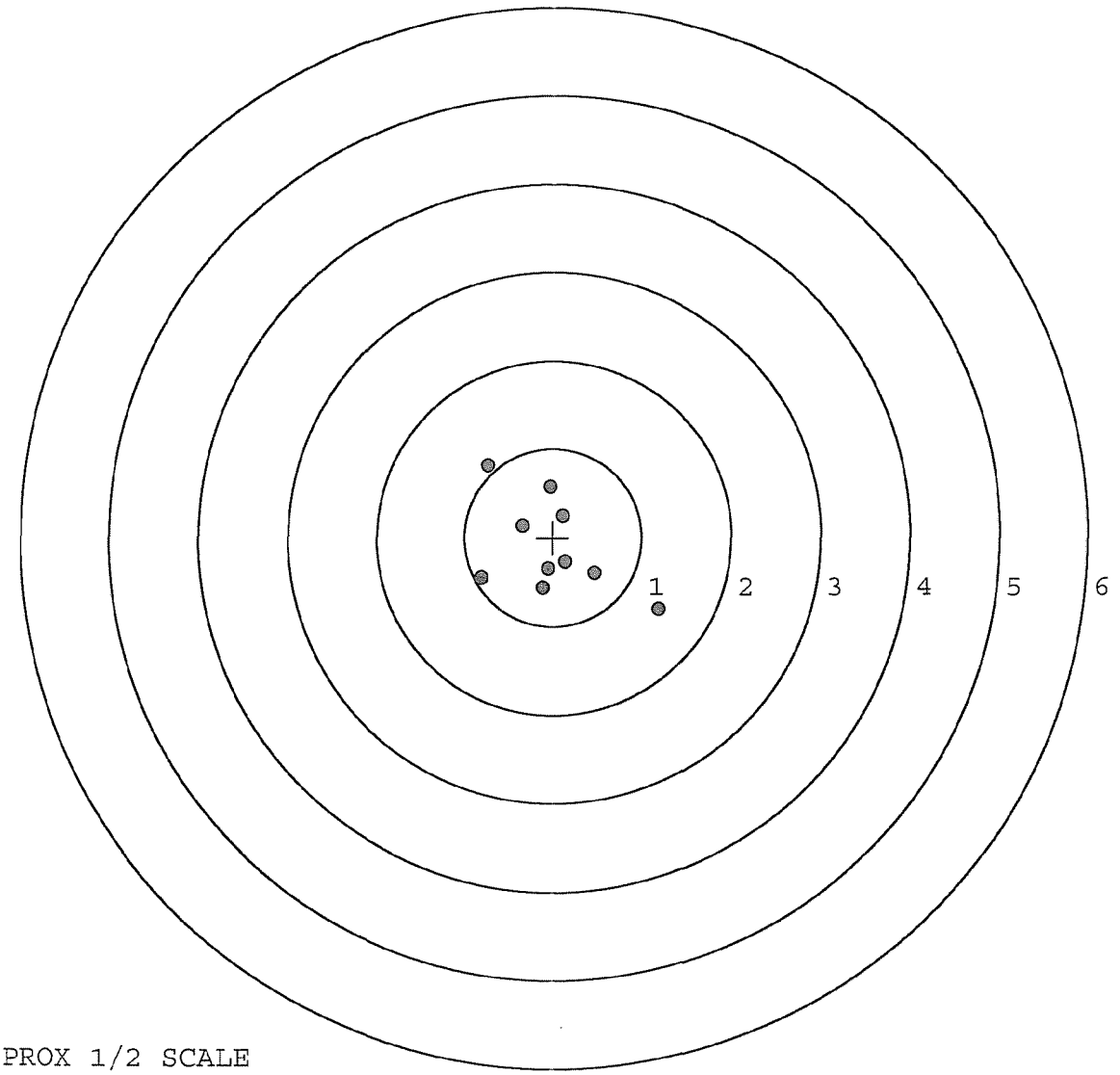
The Average X Centroid of the Five Target Set:	-0.093
The Average Y Centroid of the Five Target Set:	-0.050
The Average Point of Impact of the Five Target Set:	0.106
The Average Mean Radius of the Five Target Set:	0.592
The Distance from POA to Centroid Target #1:	0.114
The Distance from Centroid Target #2 to Centroid Target #1:	0.174
The Distance from Centroid Target #3 to Centroid Target #1:	0.233
The Distance from Centroid Target #4 to Centroid Target #1:	0.237
The Distance from Centroid Target #5 to Centroid Target #1:	0.224

BARBER - M24 0023275

SERIAL NUMBER: C6587589.__0
TARGET NUMBER: 1
FILE DATE: 05/17/2002
FILE TIME: 14:00

X CENTROID:	-0.020
Y CENTROID:	-0.112
POA TO CENTROID:	0.114
HORZ SPREAD:	2.004
VERT SPREAD:	1.617
GROUP SPREAD:	2.523
MIN RADIUS:	0.232
MAX RADIUS:	1.399
MEAN RADIUS:	0.642
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.193	-0.809
2:	0.469	-0.405
3:	0.145	-0.275
4:	-0.057	-0.358
5:	-0.120	-0.568
6:	-0.811	-0.455
7:	-0.350	0.130
8:	-0.037	0.569
9:	0.108	0.241
10:	-0.744	0.808

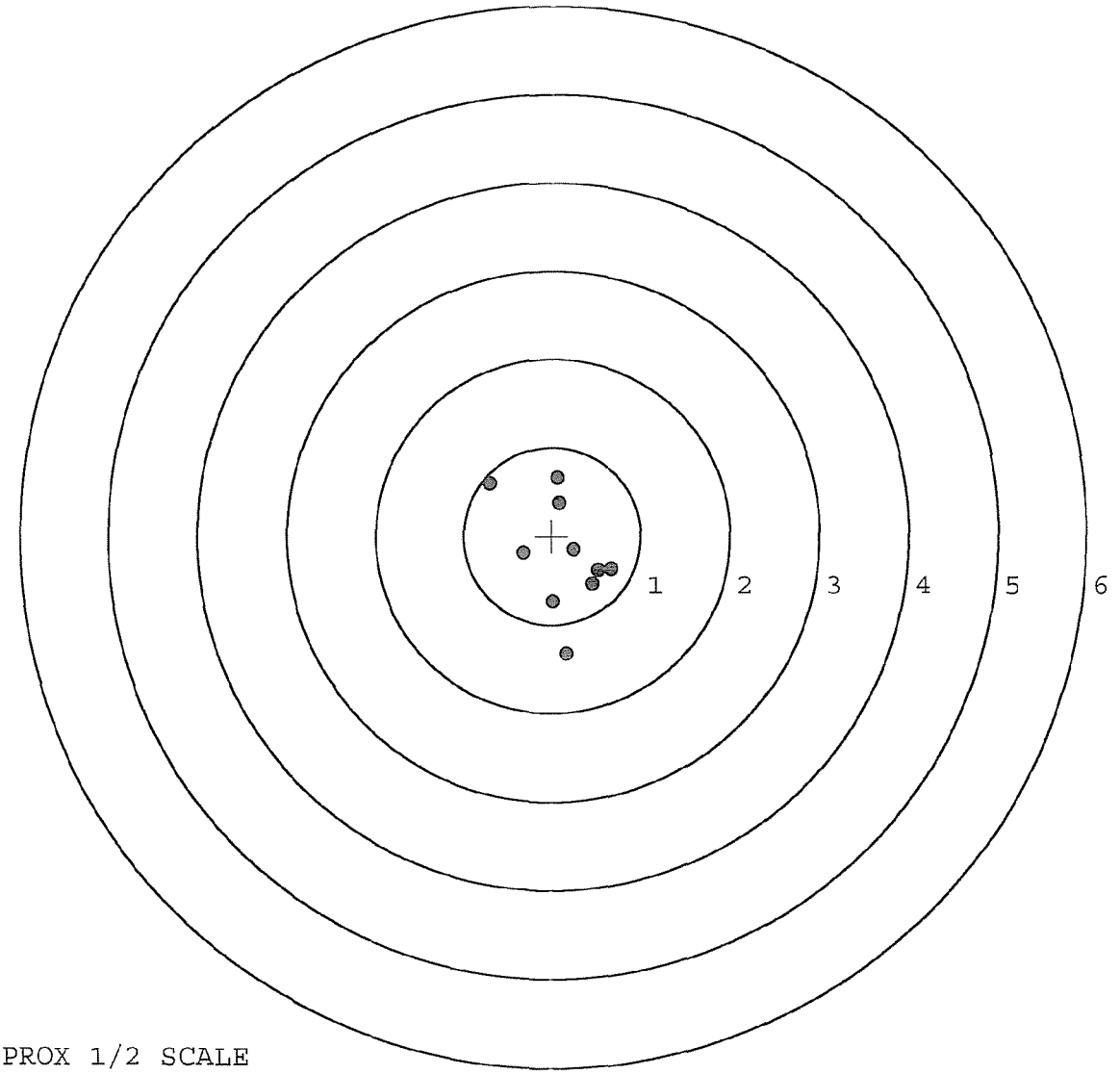


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587589.__0
TARGET NUMBER: 2
FILE DATE: 05/17/2002
FILE TIME: 14:00

X CENTROID:	0.121
Y CENTROID:	-0.213
POA TO CENTROID:	0.245
HORZ SPREAD:	1.379
VERT SPREAD:	1.998
GROUP SPREAD:	2.120
MIN RADIUS:	0.140
MAX RADIUS:	1.153
MEAN RADIUS:	0.635
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.172	-1.340
2:	0.013	-0.745
3:	0.457	-0.543
4:	0.672	-0.376
5:	0.250	-0.159
6:	-0.323	-0.196
7:	0.083	0.369
8:	0.065	0.658
9:	-0.707	0.589
10:	0.524	-0.392

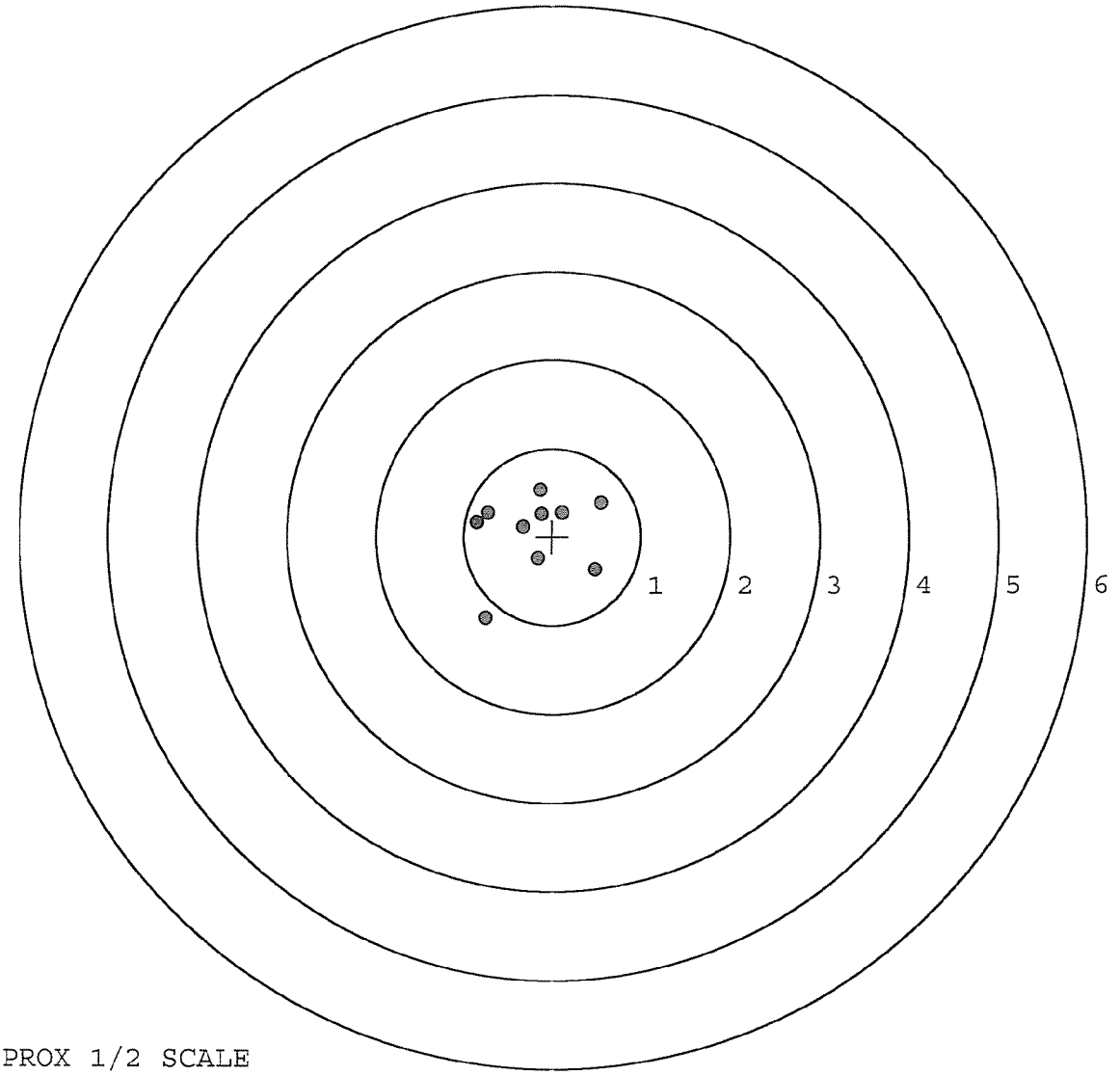


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587589.__0
TARGET NUMBER: 3
FILE DATE: 05/17/2002
FILE TIME: 14:00

X CENTROID:	-0.194
Y CENTROID:	0.044
POA TO CENTROID:	0.199
HORZ SPREAD:	1.406
VERT SPREAD:	1.453
GROUP SPREAD:	1.851
MIN RADIUS:	0.155
MAX RADIUS:	1.121
MEAN RADIUS:	0.554
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.486	-0.377
2:	-0.757	-0.925
3:	-0.855	0.161
4:	-0.728	0.273
5:	0.551	0.385
6:	0.120	0.271
7:	-0.136	0.528
8:	-0.122	0.259
9:	-0.333	0.113
10:	-0.164	-0.249

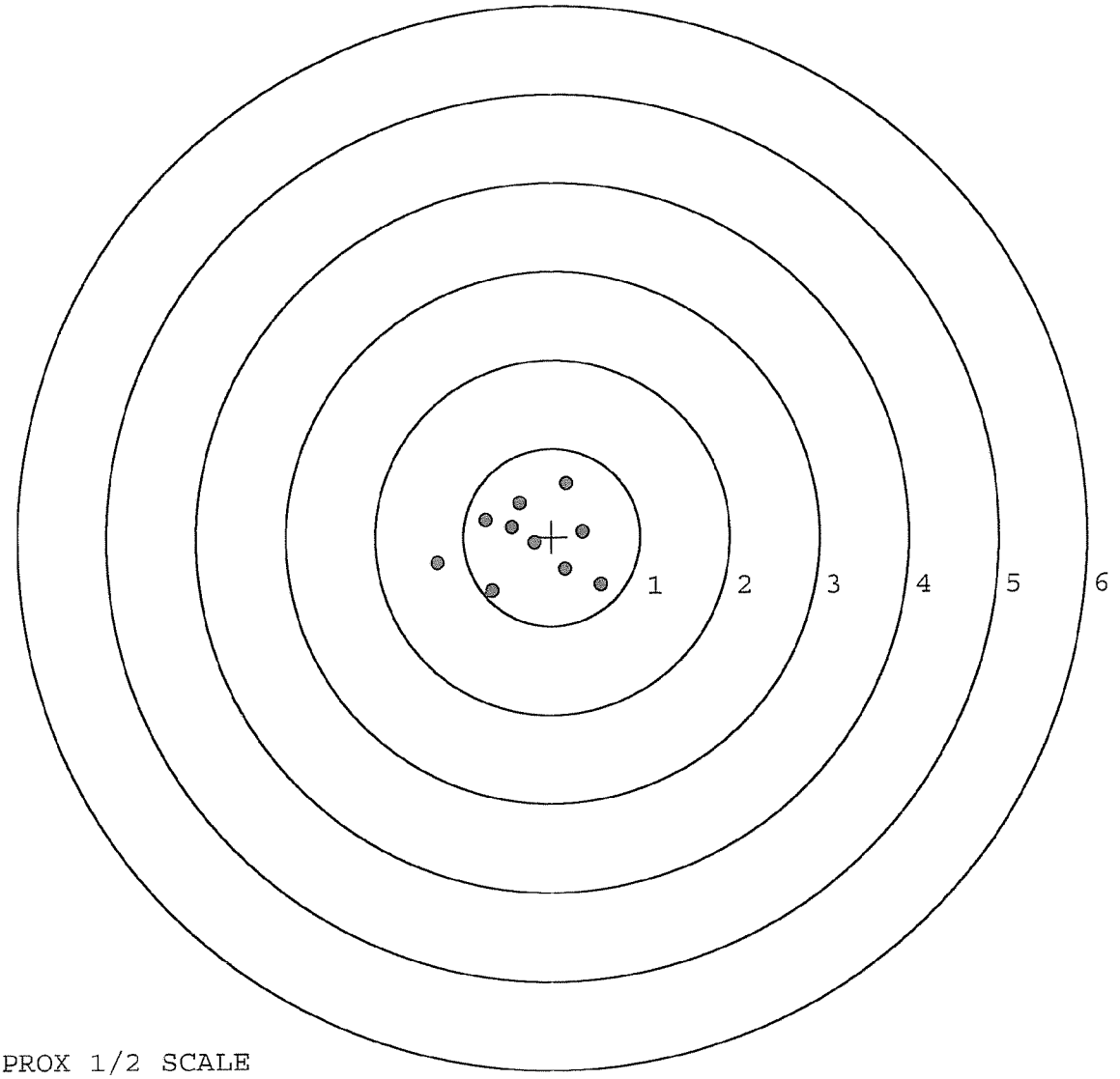


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587589.__0
TARGET NUMBER: 4
FILE DATE: 05/17/2002
FILE TIME: 14:00

X CENTROID:	-0.250
Y CENTROID:	-0.054
POA TO CENTROID:	0.256
HORZ SPREAD:	1.855
VERT SPREAD:	1.213
GROUP SPREAD:	1.872
MIN RADIUS:	0.058
MAX RADIUS:	1.074
MEAN RADIUS:	0.595
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.558	-0.545
2:	0.157	-0.367
3:	-0.679	-0.609
4:	-1.297	-0.295
5:	-0.750	0.190
6:	0.349	0.056
7:	0.171	0.604
8:	-0.362	0.381
9:	-0.452	0.113
10:	-0.194	-0.070



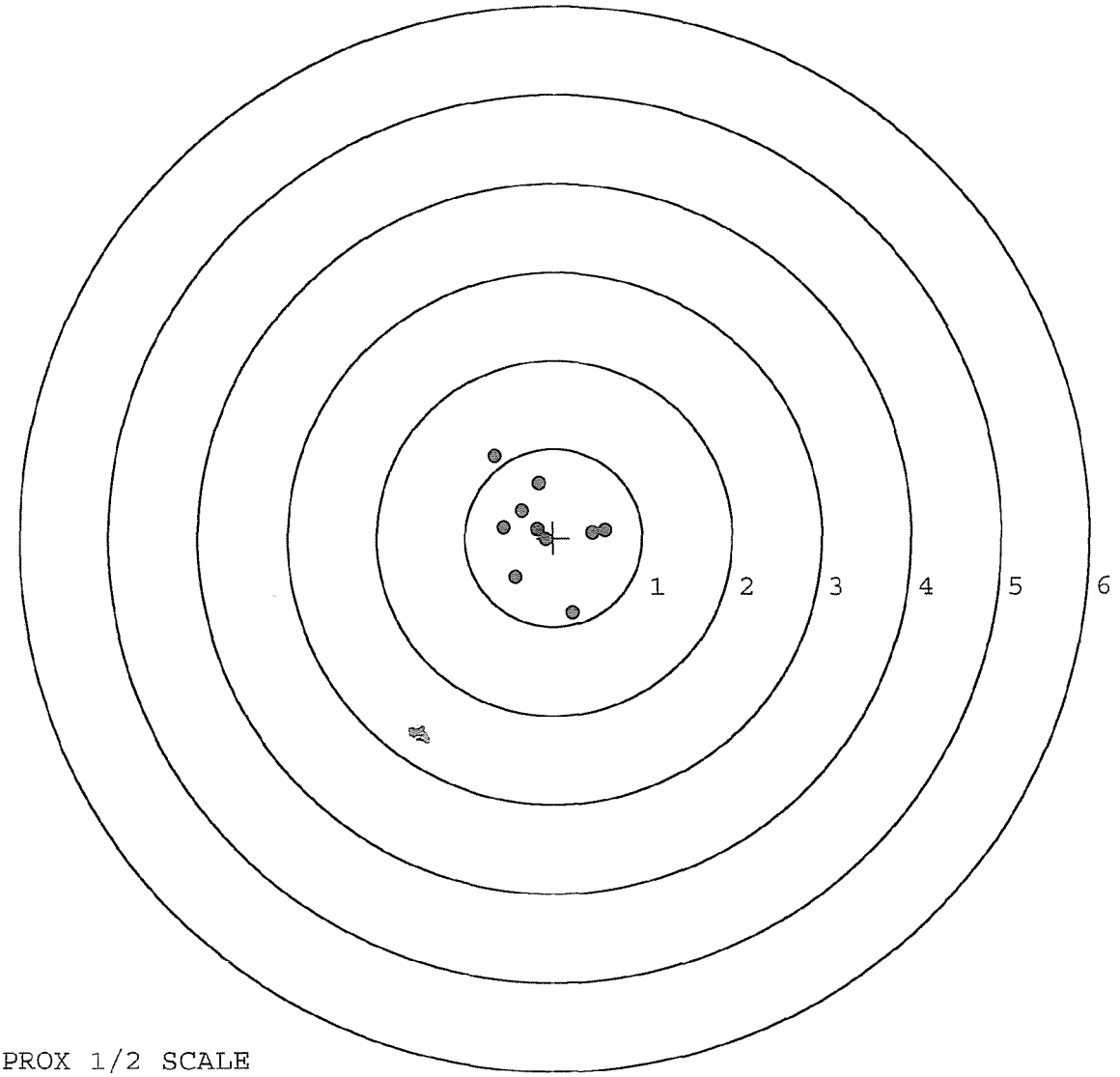
TARGET APPROX 1/2 SCALE

BARBER - M24 0023279

SERIAL NUMBER: C6587589.__0
TARGET NUMBER: 5
FILE DATE: 05/17/2002
FILE TIME: 14:00

X CENTROID:	-0.124
Y CENTROID:	0.086
POA TO CENTROID:	0.151
HORZ SPREAD:	1.244
VERT SPREAD:	1.766
GROUP SPREAD:	1.977
MIN RADIUS:	0.057
MAX RADIUS:	0.999
MEAN RADIUS:	0.534
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.576	0.088
2:	0.436	0.063
3:	0.220	-0.852
4:	-0.428	-0.450
5:	-0.090	-0.025
6:	-0.572	0.115
7:	-0.169	0.612
8:	-0.668	0.914
9:	-0.365	0.304
10:	-0.180	0.094



TARGET APPROX 1/2 SCALE

53A

M-24 INSPECTION CHECKLIST

CONTRACT #: DAAE-20-97-C-242

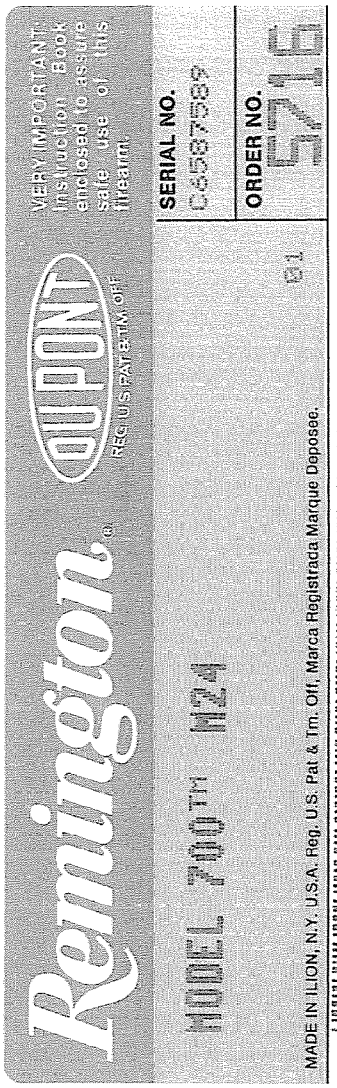
R & E NUMBER 45876

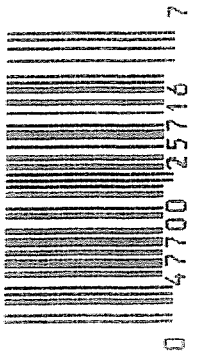
SERIAL NUMBER CL0587589

LOG-IN DATE 5/1/02

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	5/1/02	RL
560 A	RE-BARREL AT CUSTOM SHOP	5/2/02	BWT
B	DRILL AND TAP	5/2/02	BWT
C	POLISH		
575	ASSEMBLE	5/3/02	RL
600	PROOF	5/3/02	RL
605	CHECK HEADSPACE	5/3/02	RL
610	DIS-ASSEMBLE GUN	5/3/02	RL
612	MAGNAFLUX OPERATOR JRB		
615	ROLLMARK CALIBER	5/6/02	LB
618	ROTO-BLAST	5/7	AO
620	APPLY COATINGS	5-9	JA
625 A	FINAL ASSEMBLY	5/16/02	RL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	5-16-02	
655	FINAL INSPECT	5/20/02	RL
660	PACK		
		5/20/02	
	QAR INSPECTION DATE	SHIP DATE	

MAGNA - FLUX INSPECTED MAY 3 2002


Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT
Instruction Book
enclosed to assure
safe use of this
firearm
MODEL 700TH M24
SERIAL NO.
C6587589
ORDER NO.
5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off., Marca Registrada Marque Deposee.
5716 C6587589


UPC
0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587589

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 9	90	RW
600	Proof	10 9	90	RW
607	Check Headspace	10 9	90	RW
610	Dis-assemble Gun	10 9	90	RW
612	Magnaflux Barrel Action		10/19/90	KP
	Magnaflux Bolt		10/19/90	KP
615	Rollmark Caliber		10/19/90	LS
617	Drill and Tap Sight Holes		10/18/90	KB
618	Polish Barrel RB		10/19/90	WB
620	Apply Coatings (Barrel Action)		11-5-90	AA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/7/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/7/90	RW
	C) Inspect Ejector Hole for Chamfer		11/7/90	RW
	D) Oil Firing Pin Ass'y		11/7/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11-14-90	RW

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			11/14/90	CWB
	G) Safety Off Force	2¼	2¼	2¼			11/14/90	CWB
	H) Trigger Pull Test & Retainability						11-14-90	RL
	I) Firing Pin Indent	.0215	.0215	.0215			11/14/90	CWB
	J) Assemble Stock						11/15/90	RW
	K) Assemble Swivel Studs						11-27-90	RR
	L) Attach Front and Rear Sight Assemblies						11/15/90	RW
	M) Iron Sight Alignment						11/15/90	RW
	N) Detach Front & Rear Sights & place in numbered container						11/15/90	RW
	O) Attach Scope to Rifle						11/15/90	RW
	P) Detach & Attach Scope 20 Times						11/15/90	RW
640	Gallery Target & Test						11-28-90	AC
	A) Time						11-28-90	AC
	B) Malfunctions						11-28-90	AC
	C) Pierced Primers						11-28-90	AC
	D) Optical Clearity of Scope						11-28-90	AC
645	Inspect for Live Ammo						11-28-90	AC
655	Final Inspection A) Headspace						11-27-90	RR
	B) Trigger Pull	238	236	231	235	232	11-27-90	RR
	C) Function						11-27-90	RR
660	Pack						12/19/90	VF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6587589

DATE 11-14-90

TESTER JM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.26	2.33	2.28	2.38	MIN. SETTING,
PULL #2	2.32	2.33	2.22	2.36	NO AVG. OF 5
PULL #3	2.26	2.31	2.25	2.31	READINGS ACCEPT-
PULL #4	2.26	2.27	2.22	2.35	ABLE LESS THAN 2#
PULL #5	2.30	2.25	2.25	2.32	
TOTAL					
AVG.					

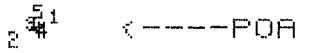
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.41		
PULL #2	3.39	3.36		
PULL #3	3.39	3.11		
PULL #4	3.13	3.39		
PULL #5	3.49	3.37		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.46	4.36		4.50
PULL #2	4.24	4.40		4.37
PULL #3	4.22	4.43		4.41
PULL #4	4.50	4.39		4.48
PULL #5	4.37	4.47		4.35
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587589
27 Nov 1990

CENTROIDAL DISTANCES

0	TO	1	.355951
1	TO	2	.82858
1	TO	3	.409849
1	TO	4	.313818
1	TO	5	.284018

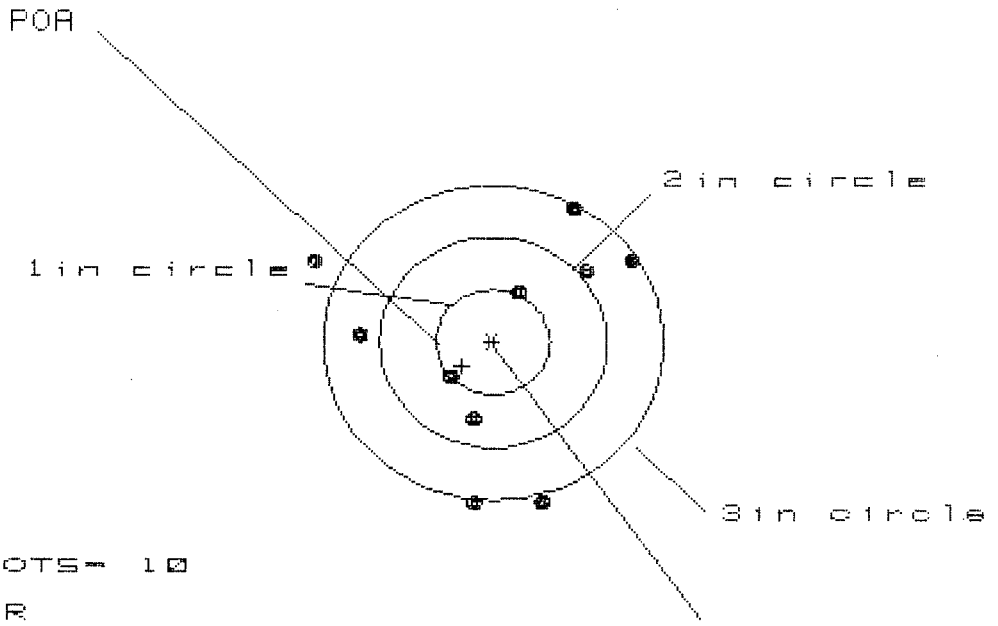


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0414
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0834
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .093110

THE AMR FOR THIS RIFLE IS: .9352

26 Nov 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6587583

CENTERFIRE PATTERNS # 1

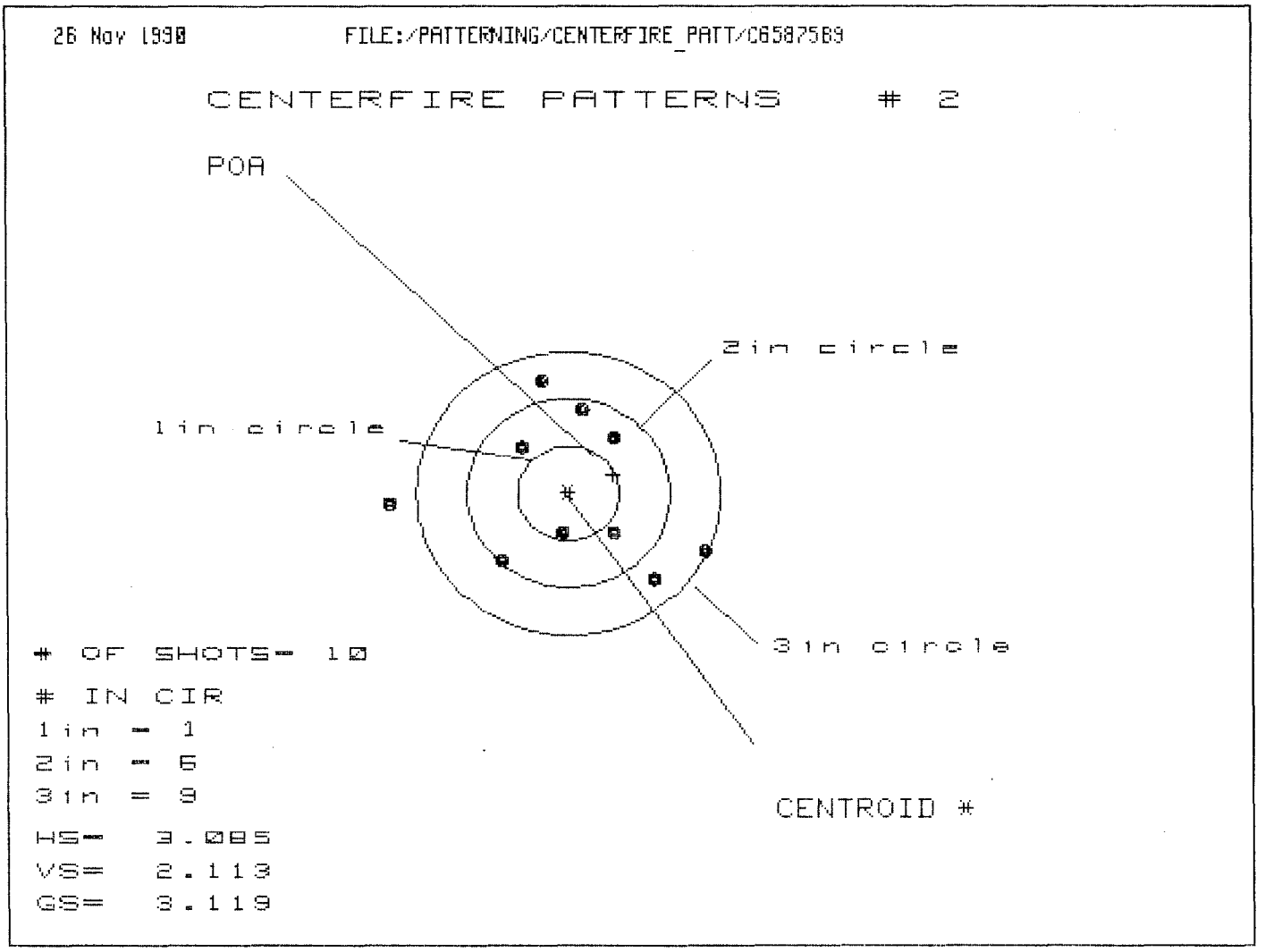


OF SHOTS= 10

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

HS= 2.856
VS= 2.776
GS= 3.041

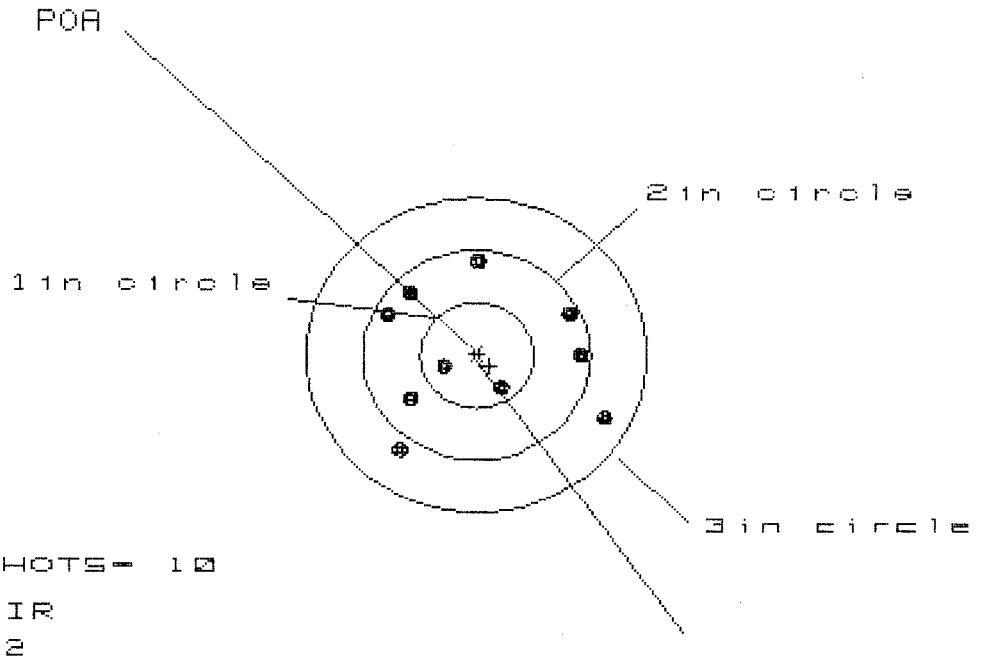
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.267	1.091	1.127
MINIMUM X	:	-1.589	-1.340	-1.304
MAXIMUM Y	:	1.270	1.352	1.174
MINIMUM Y	:	-1.506	-1.424	-1.578
CENTROID X	:	.275	.451	.415
CENTROID Y	:	.226	.144	.322
POA TO CENTROID in.	:	.355	.473	.525
MIN RADIUS	:	.482	.589	.418
MEAN RADIUS	:	1.185	1.120	1.057
MAX RADIUS	:	1.751	1.463	1.613
HORIZONTAL SPREAD	:	2.856	2.431	2.431
VERTICAL SPREAD	:	2.776	2.776	2.752
EXTREME SPREAD	:	3.041	2.905	2.905
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.367	1.176	.757
MINIMUM X	:	-1.718	-.801	-.653
MAXIMUM Y	:	1.224	1.208	1.131
MINIMUM Y	:	-.889	-.905	-.982
CENTROID X	:	-.441	-.250	-.397
CENTROID Y	:	-.191	-.175	-.098
POA TO CENTROID in.	:	.481	.306	.409
MIN RADIUS	:	.398	.477	.497
MEAN RADIUS	:	.988	.895	.830
MAX RADIUS	:	1.724	1.329	1.240
HORIZONTAL SPREAD	:	3.085	1.977	1.411
VERTICAL SPREAD	:	2.113	2.113	2.113
EXTREME SPREAD	:	3.119	2.447	2.365
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

26 Nov 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6587589

CENTERFIRE PATTERNS # 3

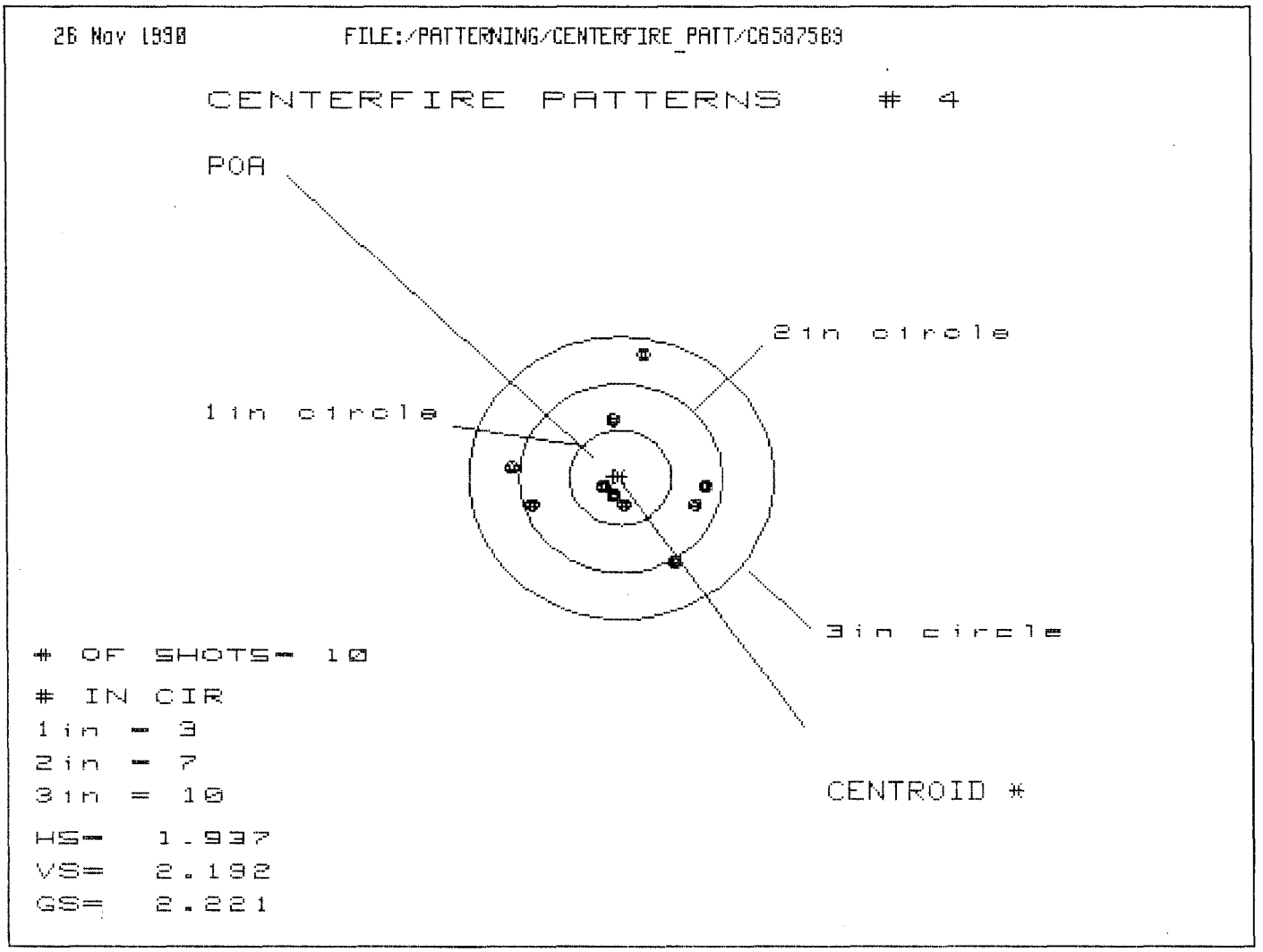


OF SHOTS= 10

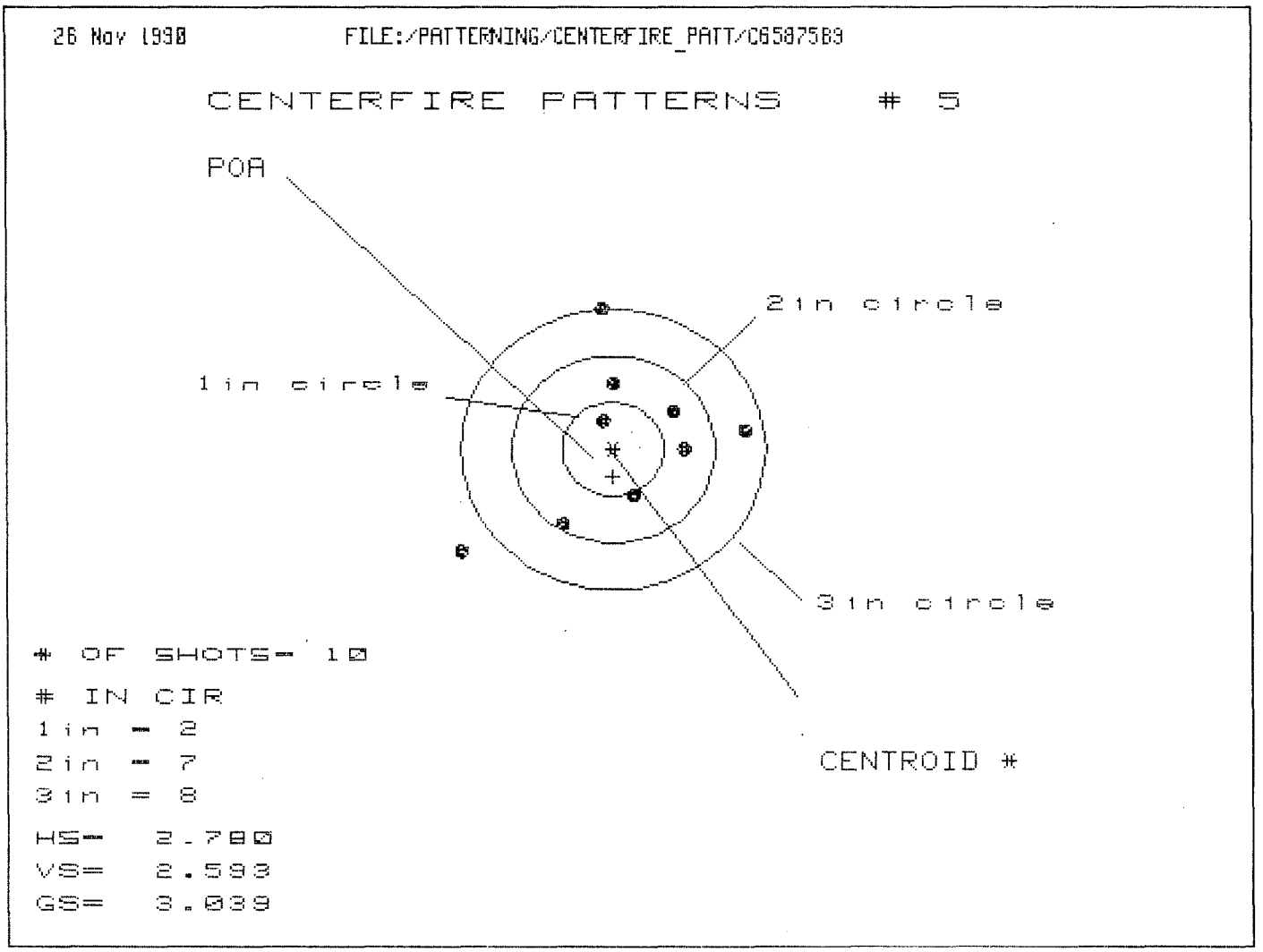
# IN CIR
1in = 2
2in = 8
3in = 10

HS= 1.935
VS= 1.849
GS= 2.170

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.103	.991	.917
MINIMUM X	:	-.832	-.710	-.784
MAXIMUM Y	:	.947	.879	.758
MINIMUM Y	:	-.903	-.970	-.615
CENTROID X	:	-.115	-.237	-.163
CENTROID Y	:	.100	.167	.288
POA TO CENTROID in.	:	.152	.290	.331
MIN RADIUS	:	.300	.216	.353
MEAN RADIUS	:	.832	.770	.731
MAX RADIUS	:	1.260	1.139	.946
HORIZONTAL SPREAD	:	1.935	1.701	1.701
VERTICAL SPREAD	:	1.849	1.849	1.373
EXTREME SPREAD	:	2.170	2.045	1.752
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.850	.870	.737
MINIMUM X	:	-1.087	-1.067	-.959
MAXIMUM Y	:	1.326	.799	.826
MINIMUM Y	:	-.867	-.719	-.692
CENTROID X	:	.074	.054	.187
CENTROID Y	:	-.015	-.163	-.190
POA TO CENTROID in.	:	.076	.171	.267
MIN RADIUS	:	.167	.032	.164
MEAN RADIUS	:	.721	.615	.570
MAX RADIUS	:	1.338	1.089	.964
HORIZONTAL SPREAD	:	1.937	1.937	1.696
VERTICAL SPREAD	:	2.192	1.518	1.518
EXTREME SPREAD	:	2.221	1.942	1.708
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.257	1.088	1.058
MINIMUM X	:	-1.523	-.708	-.738
MAXIMUM Y	:	1.527	1.408	.777
MINIMUM Y	:	-1.066	-.918	-.742
CENTROID X	:	.000	.169	.199
CENTROID Y	:	.297	.416	.240
POA TO CENTROID in.	:	.297	.449	.311
MIN RADIUS	:	.306	.310	.404
MEAN RADIUS	:	.950	.823	.743
MAX RADIUS	:	1.859	1.428	1.081
HORIZONTAL SPREAD	:	2.780	1.796	1.796
VERTICAL SPREAD	:	2.593	2.326	1.519
EXTREME SPREAD	:	3.039	2.373	2.037
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	