C6225607

MODEL 700™ M24

Model SWS ™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®

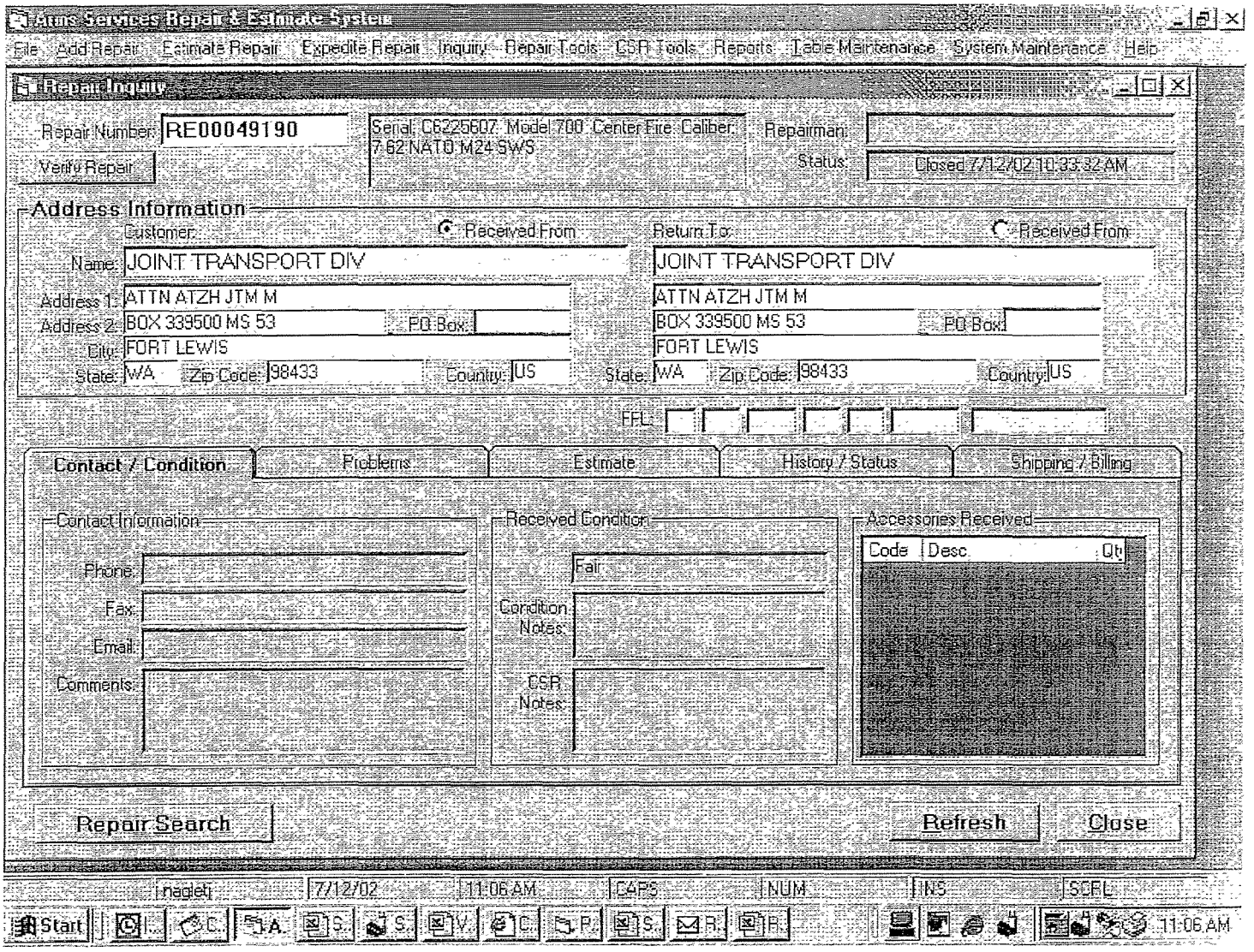
Smead®

No. 2-152-5L

M2400052379

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

4 Pack 2



Serial Number: C6225607

Model: 700

RE00049190

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225607.__0
FILE DATE AND TIME: 08/01/2002 22:11

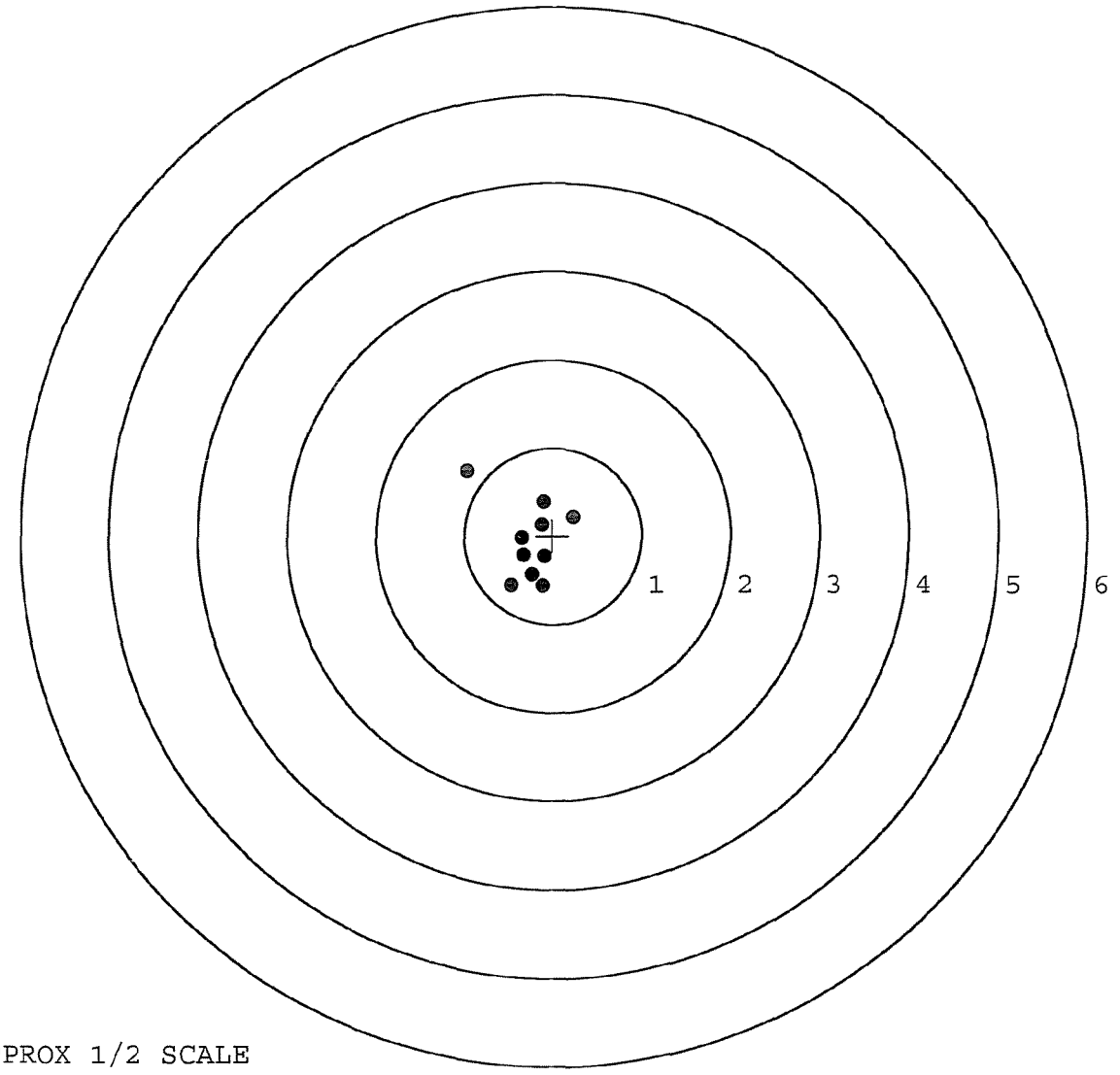
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.037
The Average Y Centroid of the Five Target Set:	-0.059
The Average Point of Impact of the Five Target Set:	0.070
The Average Mean Radius of the Five Target Set:	0.573
The Distance from POA to Centroid Target #1:	0.266
The Distance from Centroid Target #2 to Centroid Target #1:	0.378
The Distance from Centroid Target #3 to Centroid Target #1:	0.455
The Distance from Centroid Target #4 to Centroid Target #1:	0.257
The Distance from Centroid Target #5 to Centroid Target #1:	0.421

SERIAL NUMBER: C6225607.__0
TARGET NUMBER: 1
FILE DATE: 08/01/2002
FILE TIME: 22:11

X CENTROID:	-0.259
Y CENTROID:	-0.061
POA TO CENTROID:	0.266
HORZ SPREAD:	1.206
VERT SPREAD:	1.307
GROUP SPREAD:	1.563
MIN RADIUS:	0.102
MAX RADIUS:	1.069
MEAN RADIUS:	0.431
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.973	0.734
2:	-0.109	0.385
3:	0.233	0.215
4:	-0.131	0.125
5:	-0.357	-0.032
6:	-0.096	-0.238
7:	-0.331	-0.222
8:	-0.470	-0.562
9:	-0.238	-0.443
10:	-0.116	-0.573

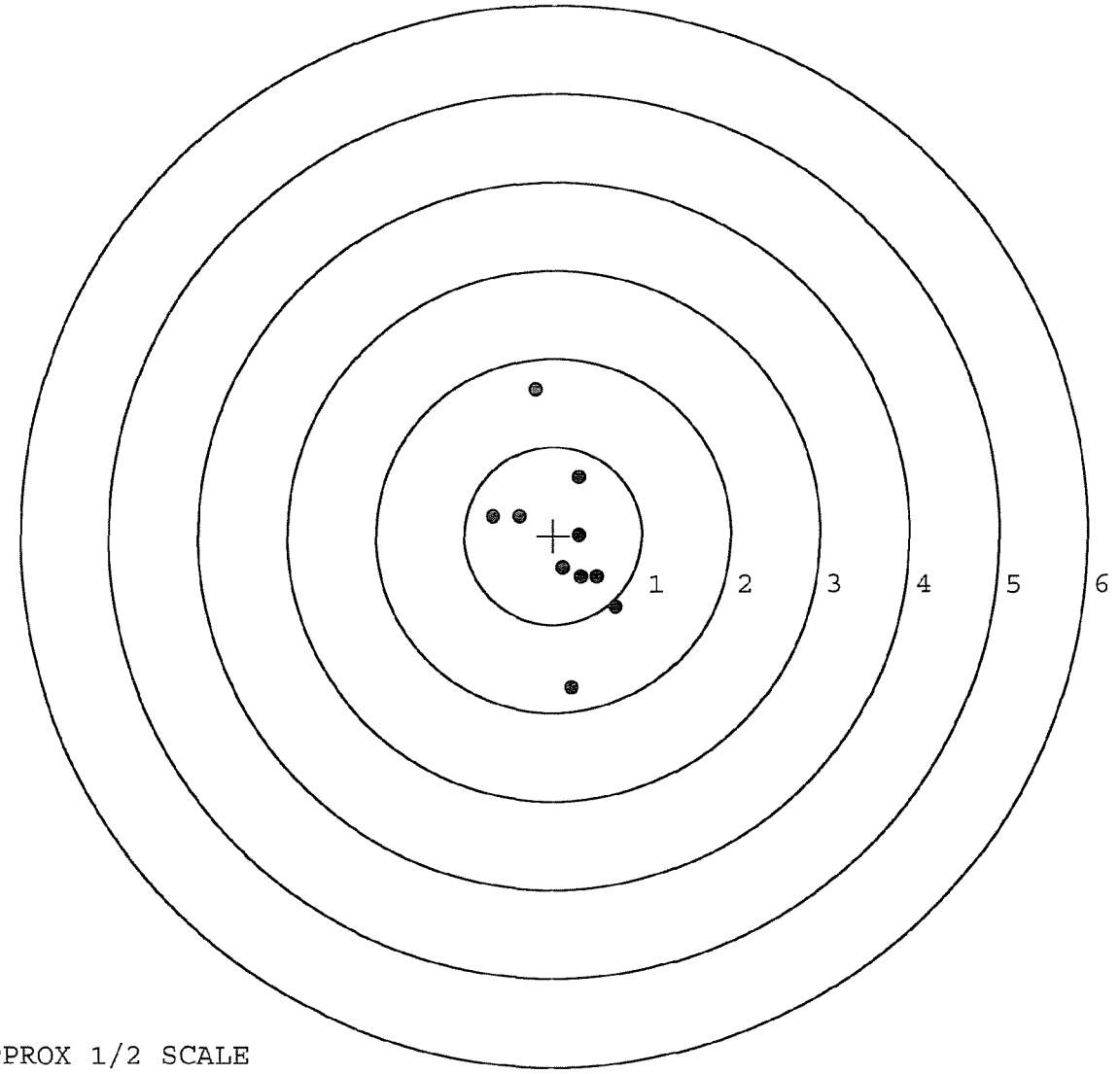


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225607.__0
TARGET NUMBER: 2
FILE DATE: 08/01/2002
FILE TIME: 22:11

X CENTROID:	0.115
Y CENTROID:	-0.111
POA TO CENTROID:	0.160
HORZ SPREAD:	1.385
VERT SPREAD:	3.375
GROUP SPREAD:	3.400
MIN RADIUS:	0.206
MAX RADIUS:	1.792
MEAN RADIUS:	0.796
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	0.208	-1.722
2:	0.701	-0.810
3:	0.496	-0.471
4:	0.318	-0.467
5:	0.115	-0.367
6:	-0.684	0.210
7:	-0.385	0.216
8:	0.293	0.654
9:	-0.201	1.653
10:	0.293	-0.006

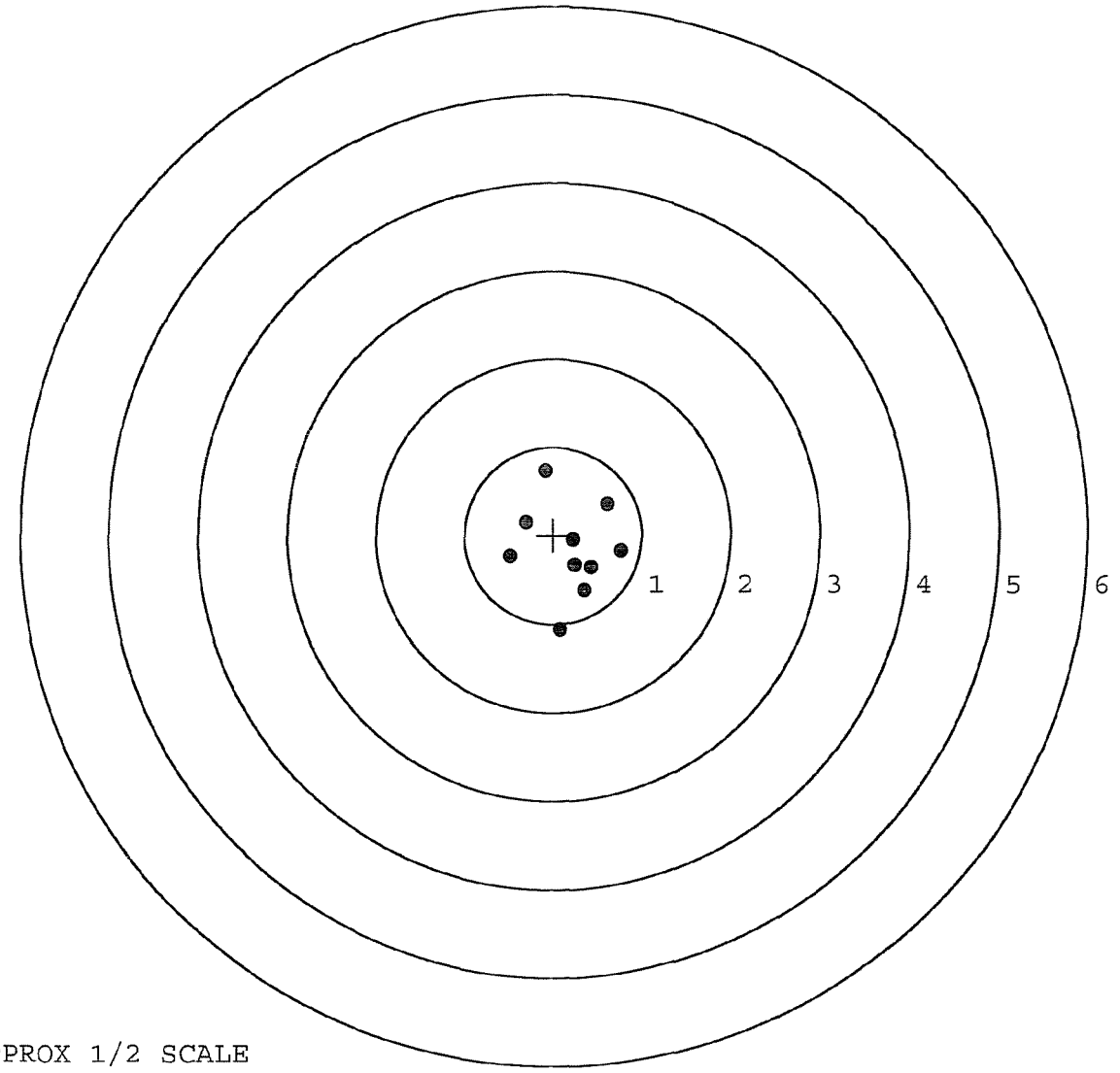


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225607.__0
TARGET NUMBER: 3
FILE DATE: 08/01/2002
FILE TIME: 22:11

X CENTROID:	0.185
Y CENTROID:	-0.163
POA TO CENTROID:	0.247
HORZ SPREAD:	1.255
VERT SPREAD:	1.799
GROUP SPREAD:	1.807
MIN RADIUS:	0.112
MAX RADIUS:	0.935
MEAN RADIUS:	0.547
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.084	-1.068
2:	-0.482	-0.242
3:	-0.313	0.144
4:	-0.089	0.731
5:	0.612	0.360
6:	0.773	-0.175
7:	0.223	-0.058
8:	0.249	-0.338
9:	0.432	-0.361
10:	0.360	-0.624

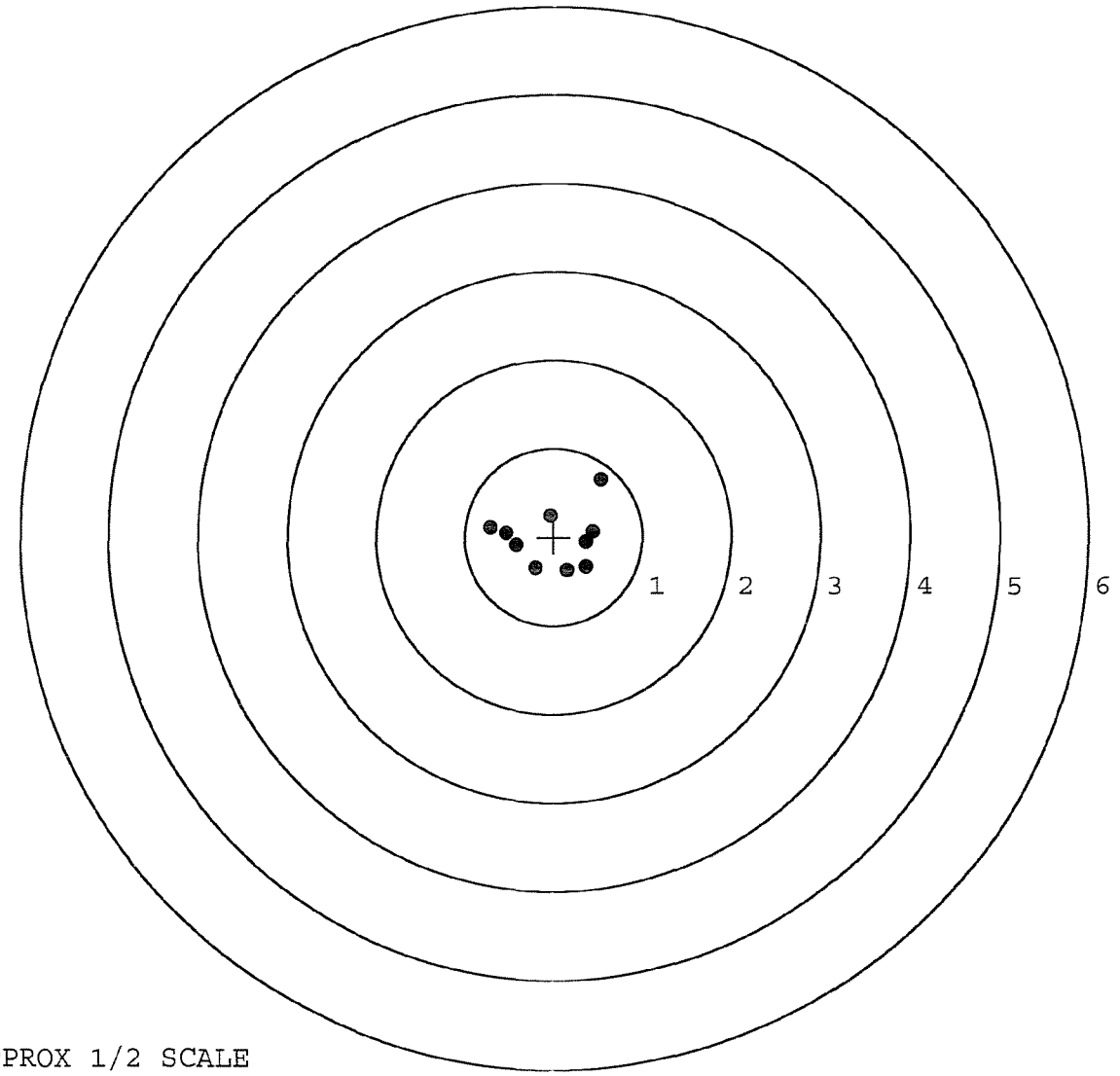


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225607.__0
TARGET NUMBER: 4
FILE DATE: 08/01/2002
FILE TIME: 22:11

X CENTROID:	-0.006
Y CENTROID:	-0.012
POA TO CENTROID:	0.013
HORZ SPREAD:	1.251
VERT SPREAD:	1.028
GROUP SPREAD:	1.365
MIN RADIUS:	0.258
MAX RADIUS:	0.852
MEAN RADIUS:	0.490
# IN 1 IN DIAMETER:	7
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.531	0.650
2:	0.438	0.065
3:	0.361	-0.054
4:	0.369	-0.335
5:	0.155	-0.378
6:	-0.204	-0.353
7:	-0.421	-0.100
8:	-0.539	0.041
9:	-0.720	0.103
10:	-0.035	0.245

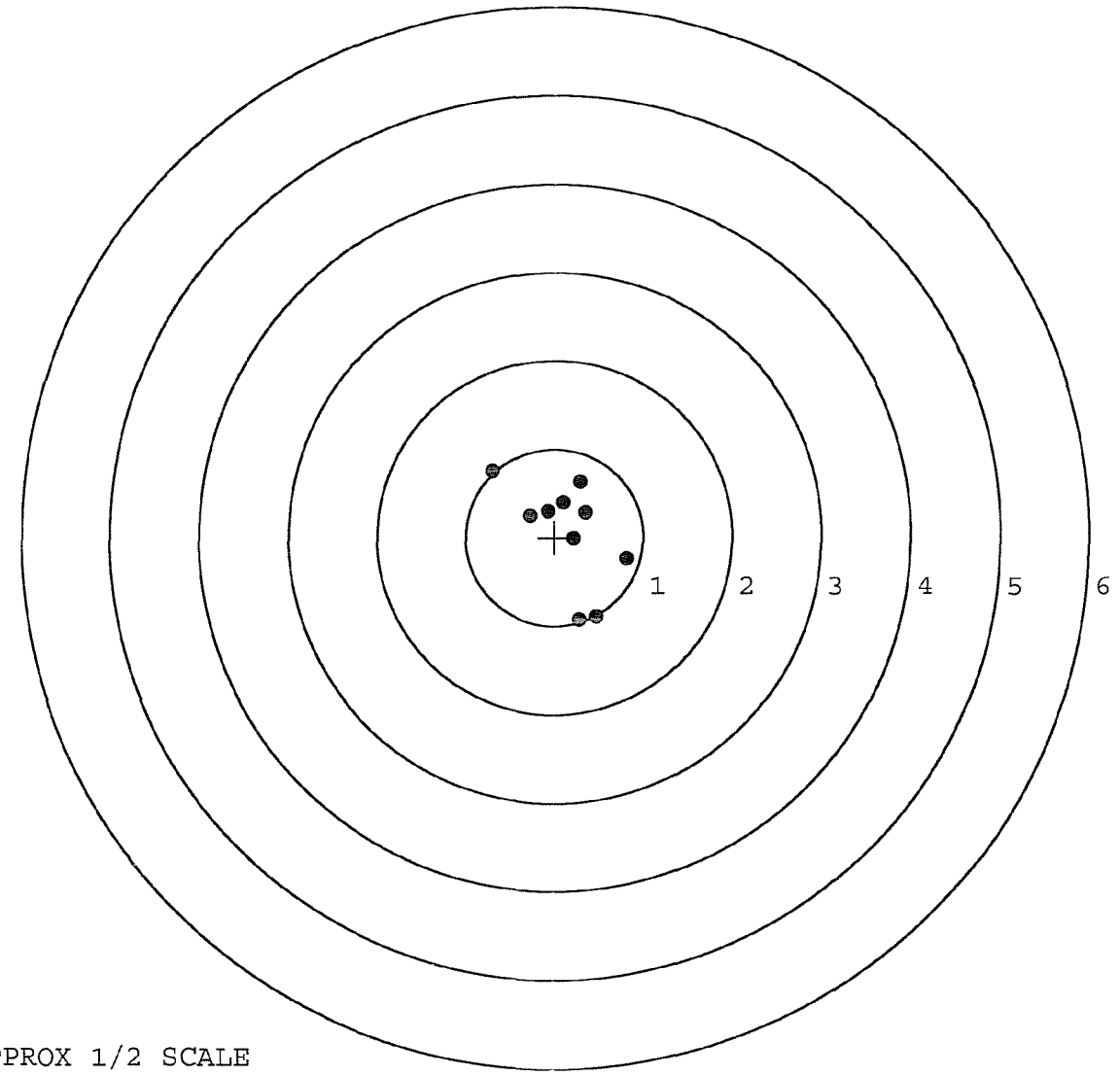


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225607.__0
TARGET NUMBER: 5
FILE DATE: 08/01/2002
FILE TIME: 22:11

X CENTROID:	0.148
Y CENTROID:	0.050
POA TO CENTROID:	0.156
HORZ SPREAD:	1.514
VERT SPREAD:	1.684
GROUP SPREAD:	2.025
MIN RADIUS:	0.098
MAX RADIUS:	1.096
MEAN RADIUS:	0.599
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.284	-0.939
2:	0.476	-0.903
3:	0.814	-0.242
4:	0.219	-0.017
5:	0.349	0.286
6:	0.289	0.629
7:	0.103	0.396
8:	-0.078	0.297
9:	-0.279	0.244
10:	-0.700	0.745



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER	49190
SERIAL NUMBER	C6222 5607
LOG-IN DATE	7/12/02

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	7/16/02	RL
560 A	RE-BARREL	7/16/02	DA
B	DRILL AND TAP	7-17-02	AC
575	ASSEMBLE	7/19/02	RL
600	PROOF	7-20-02	AC
605	CHECK HEADSPACE	7/22/02	RL
610	DIS-ASSEMBLE GUN	7/22/02	RL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	7/23/02	JD
618	ROTO-BLAST	7/25/02	KO
620	APPLY COATINGS	7-26	TA
625 A	FINAL ASSEMBLY	7/30/02	RL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	7-31-02	RW
655	FINAL INSPECT	8-2-02	RL
660	PACK	8-2-02	DA
		SHIP DATE	
	QAR INSPECTION DATE		

SWS/Repair

[redacted]

Final Inspection

In: C622560[illegible]	Date Rec'd: 7/12/02	Date Ret'd: 8/1/02

Auditor: RL

Item:

Barrel Assy.
- ___ Barrel
- ___ Receiver
- ___ Front Sight Block
- ___ Rear Sight Block
- ___ Screws
- ___ Finish

Item:

Stock Assy.
- ___ Stock
- ___ Sling Swivel Studs
- ___ Adjustable Butt Plate
- ___ Lock Nuts
- ___ Barrel Clearance
- ___ Color/Finish

Scope Assy.
- ___ Scope
- ___ Scope Rings
- ___ Mounting Screws
- ___ Mounting Base
- ___ Screws
- ___ Finish
- ___ Looseness
- ___ Clarity

Systems Case
- ___ Scope Case
- ___ Iron Sights
- ___ Deployment Kit

Trigger
- ___ Safety Operation
- ___ Set
- ___

Misc.
- ___ DD-250
- ___ Bar Code
- ___ Packaging

Comments: _____

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. C6225607

ORDER NO. 5716

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee. 01

5716 C6225607

UPC

0 47700 25716 7

Scope 0007

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225607

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 21	89	RW
600	Proof	4 21	89	RW
607	Check Headspace			RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action		4/26	KCR
	Magnaflux Bolt		4/27	KCR
615	Rollmark Caliber		4/27	G.A
617	Drill and Tap Sight Holes	4 27	89	JB
618	Polish Barrel KB	4 27	89	BT
620	Apply Coatings (Barrel Action)		5/5/89	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/16/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/16/89	RW
	C) Inspect Ejector Hole for Chamfer		5/16/89	RW
	D) Oil Firing Pin Ass'y		5/16/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/19/89	JJ

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force	6 | 5.5 | 5.5	5/19/89	[illegible]
	G) Safety Off Force	2.5 | 2.5 | 2.5	5/19/89	[illegible]
	H) Trigger Pull Test & Retainability		5/19/89	[illegible]
	I) Firing Pin Indent	.021 | .0215 | .022	5/19/89	[illegible]
	J) Assemble Stock		5/22/89	[illegible]
	K) Assemble Swivel Studs		25May89	[illegible]
	L) Attach Front and Rear Sight Assemblies		5/22/89	[illegible]
	M) Iron Sight Alignment		5/22/89	[illegible]
	N) Detach Front & Rear Sights & place in numbered container		5/22/89	[illegible]
	O) Attach Scope to Rifle		5/22/89	[illegible]
	P) Detach & Attach Scope 20 Times		5/22/89	[illegible]
640	Gallery Target & Test	57 R 99L	5-23-89	[illegible]
	A) Time		"	[illegible]
	B) Malfunctions		"	[illegible]
	C) Pierced Primers		"	[illegible]
	D) Optical Clearity of Scope		"	[illegible]
645	Inspect for Live Ammo		5-23-89	[illegible]
655	Final Inspection A) Headspace		25May89	[illegible]
	B) Trigger Pull	258 | 281 | 260 | 255 | 253	25May89	[illegible]
	C) Function		25May89	[illegible]
660	Pack		26June89	[illegible]

SWS TRIGGER PULL TEST

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

SERIAL NO. C6225607
DATE 5/19/89
TESTER JJ

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.32	2.33	2.54	258	MIN. SETTING,
PULL #2	2.53	2.31	2.54	281	NO AVG. OF 5
PULL #3	2.37	2.43	2.57	260	READINGS ACCEPT-
PULL #4	2.28	2.31	2.53	255	ABLE LESS THAN 2#
PULL #5	2.33	2.47	2.36	253	
TOTAL	11.83	11.85	12.54	1307	
AVG.	2.366	2.370	2.508	2.614	

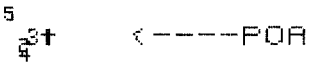
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.20	3.10		
PULL #2	3.20	3.05		
PULL #3	3.00	3.14		
PULL #4	3.26	3.10		
PULL #5	3.31	3.15		
TOTAL	15.97	15.54		
AVG.	3.194	3.108		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.36	4.32		4.02
PULL #2	4.30	4.28		4.04
PULL #3	4.24	4.22		4.06
PULL #4	4.24	4.30		4.36
PULL #5	4.22	4.28		4.32
TOTAL	21.36	21.40		20.80
AVG.	4.272	4.280		4.160

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225607
30 May 1989

CENTROIDAL DISTANCES

0	TO	1	.0230217
1	TO	2	.435167
1	TO	3	.247002
1	TO	4	.517282
1	TO	5	.79774

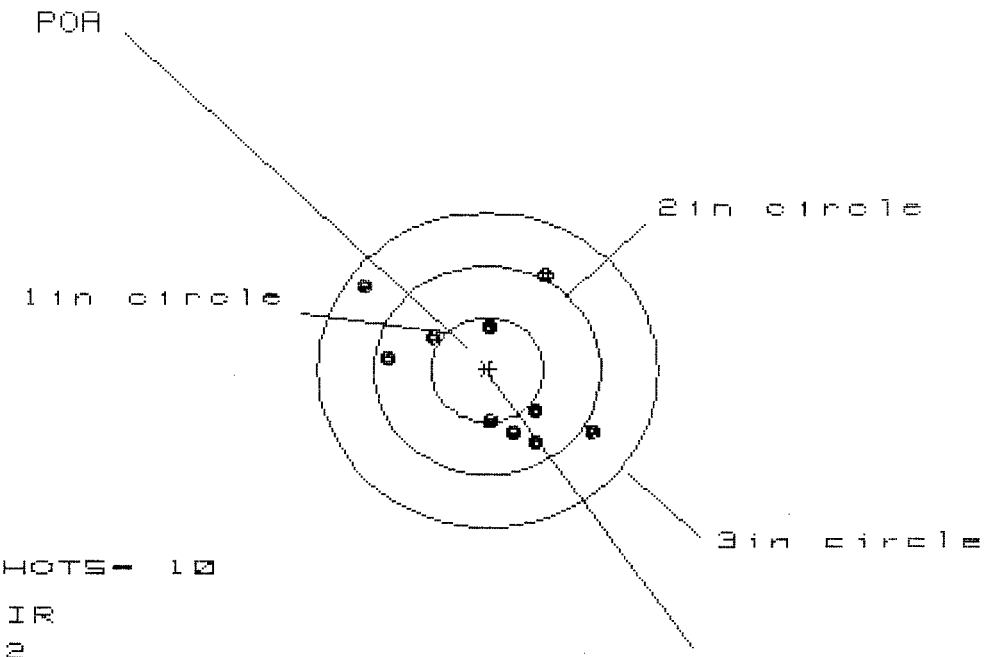


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.3636
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.022
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .364265

THE AMR FOR THIS RIFLE IS: .9012

23 May 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C6225607

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

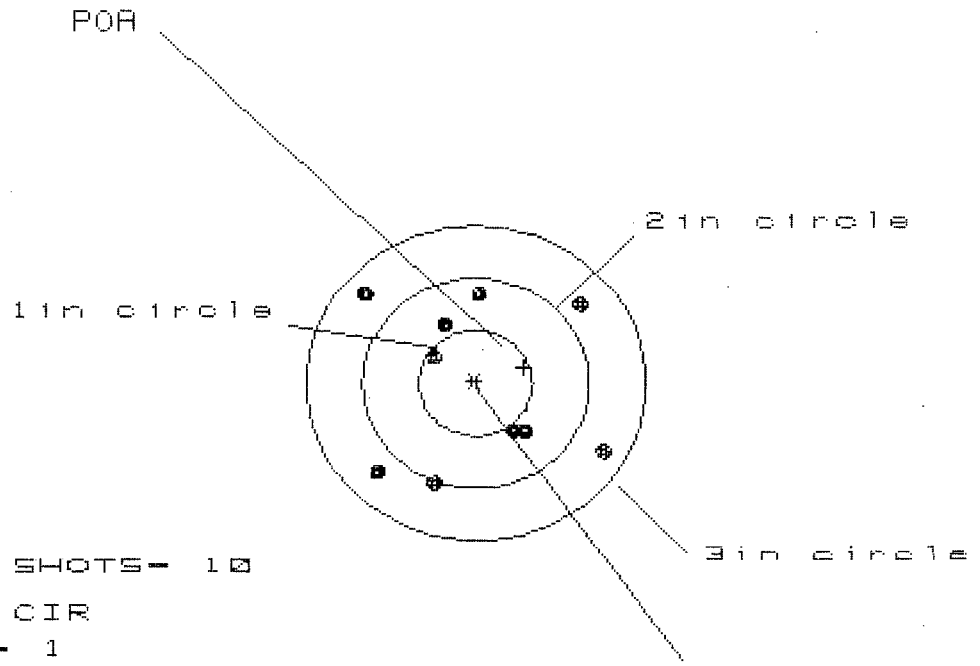
# IN CIR
1in = 2
2in = 7
3in = 10

HS= 2.030
VS= 1.626
GS= 2.450

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.902	.777	.510
MINIMUM X	:	-1.128	-1.007	-.910
MAXIMUM Y	:	.903	.995	.938
MINIMUM Y	:	-.723	-.631	-.688
CENTROID X	:	-.019	.106	.009
CENTROID Y	:	-.013	-.105	-.048
POA TO CENTROID in.	:	.023	.149	.049
MIN RADIUS	:	.446	.389	.440
MEAN RADIUS	:	.786	.693	.671
MAX RADIUS	:	1.399	1.077	1.068
HORIZONTAL SPREAD	:	2.030	1.784	1.420
VERTICAL SPREAD	:	1.626	1.626	1.626
EXTREME SPREAD	:	2.450	1.917	1.631
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

23 May 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C6225607

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

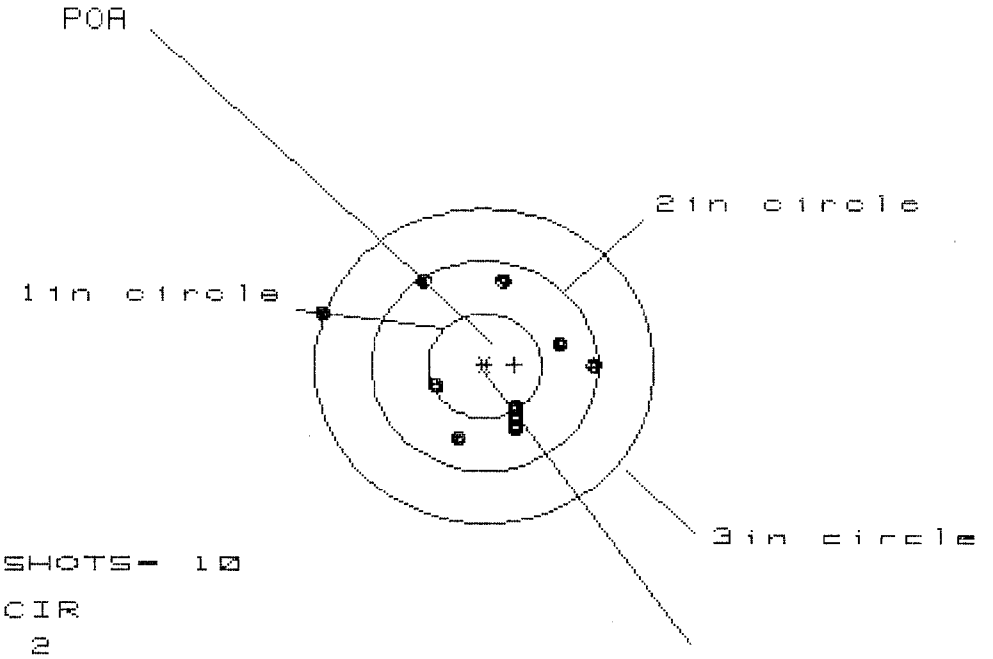
# IN CIR
1in = 1
2in = 5
3in = 10

HS= 2.111
VS= 1.843
GS= 2.545

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.125	1.015	.951
MINIMUM X	:	-.986	-.998	-.871
MAXIMUM Y	:	.903	.994	.930
MINIMUM Y	:	-.940	-.849	-.913
CENTROID X	:	-.430	-.320	-.447
CENTROID Y	:	-.156	-.247	-.183
POA TO CENTROID in.	:	.457	.404	.483
MIN RADIUS	:	.443	.458	.442
MEAN RADIUS	:	.921	.871	.831
MAX RADIUS	:	1.283	1.245	1.214
HORIZONTAL SPREAD	:	2.111	2.013	1.822
VERTICAL SPREAD	:	1.843	1.843	1.843
EXTREME SPREAD	:	2.545	2.400	2.400
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	10		

23 May 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C6225607

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

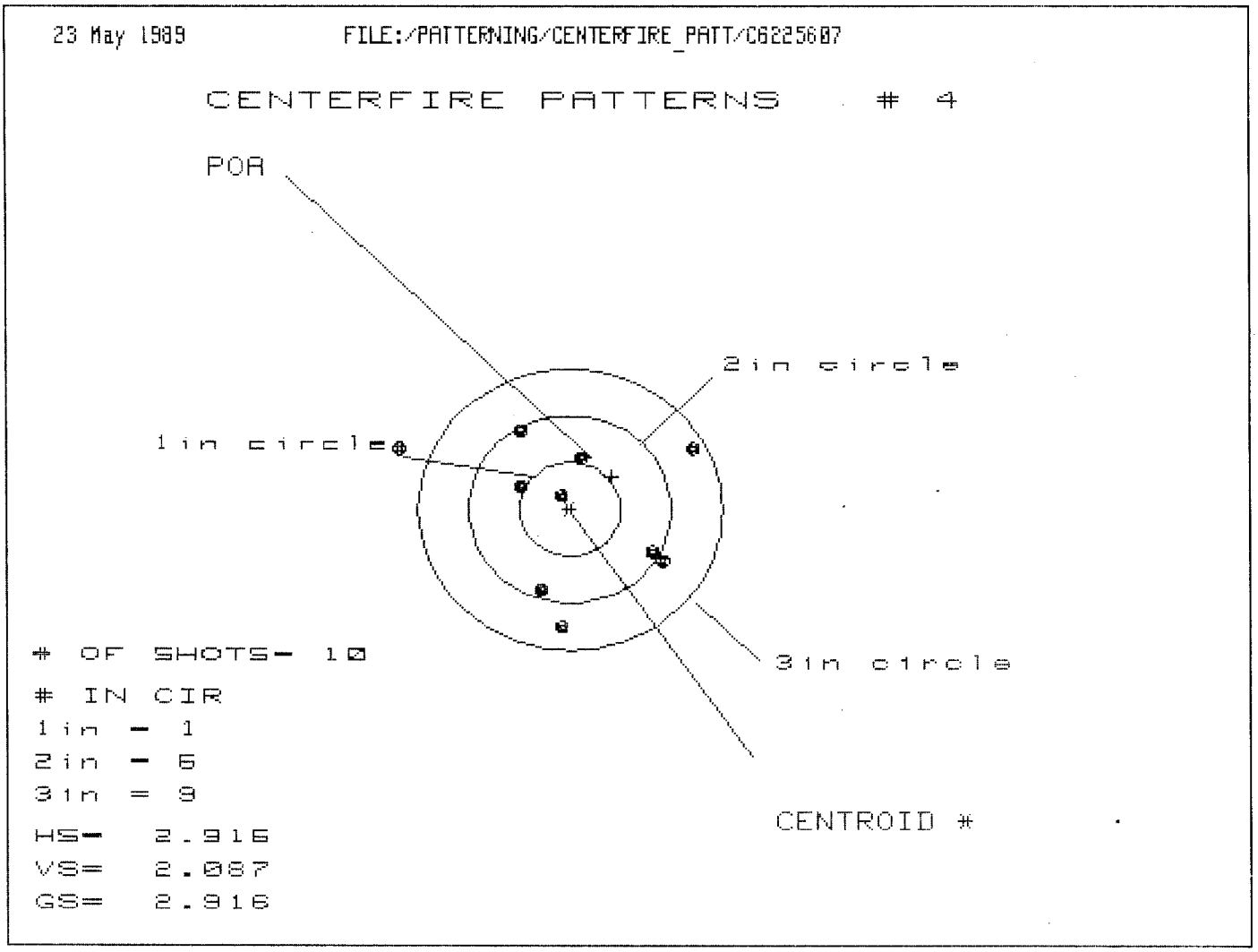
# IN CIR
1in = 2
2in = 8
3in = 8

HS= 2.387
VS= 1.526
GS= 2.435

PATTERN # : 3

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	.970	.813	.723
MINIMUM X :	-1.417	-.715	-.696
MAXIMUM Y :	.851	.907	1.017
MINIMUM Y :	-.675	-.619	-.509
CENTROID X :	-.266	-.109	-.019
CENTROID Y :	-.014	-.070	-.180
POA TO CENTROID in.:	.267	.129	.181
MIN RADIUS :	.495	.381	.258
MEAN RADIUS :	.803	.693	.601
MAX RADIUS :	1.504	1.135	1.018
HORIZONTAL SPREAD :	2.387	1.528	1.419
VERTICAL SPREAD :	1.526	1.526	1.526
EXTREME SPREAD :	2.435	1.725	1.594

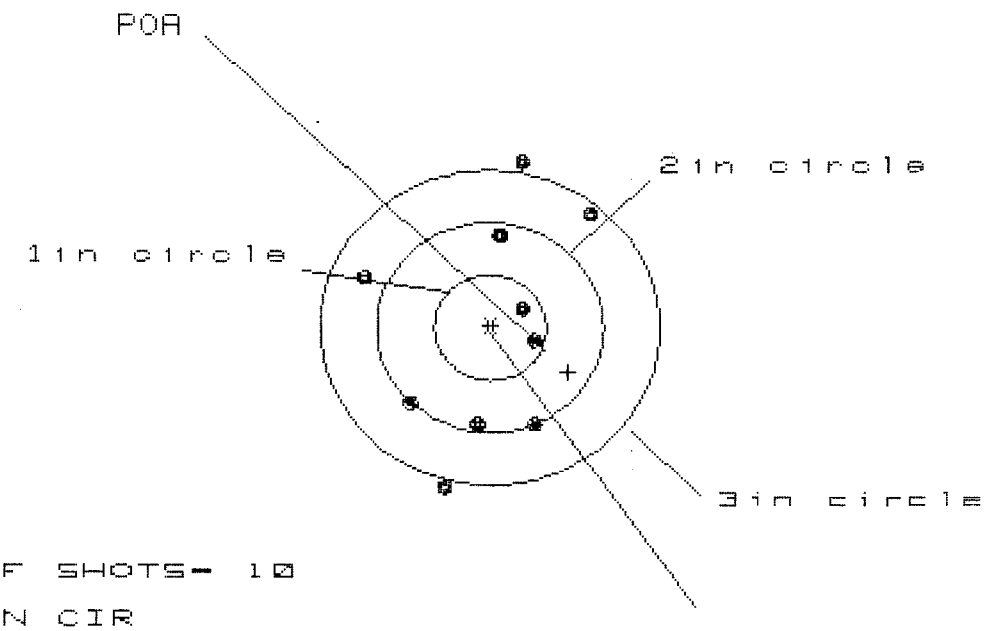
NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 9
NUMBER IN THREE INCH CIRCLE = 9



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.192	1.000	.836
MINIMUM X	:	-1.724	-.660	-.535
MAXIMUM Y	:	.836	.906	.990
MINIMUM Y	:	-1.251	-1.181	-1.097
CENTROID X	:	-.414	-.223	-.348
CENTROID Y	:	-.347	-.417	-.501
POA TO CENTROID in.	:	.541	.473	.610
MIN RADIUS	:	.174	.366	.338
MEAN RADIUS	:	.955	.863	.809
MAX RADIUS	:	1.836	1.211	1.111
HORIZONTAL SPREAD	:	2.916	1.660	1.371
VERTICAL SPREAD	:	2.087	2.087	2.087
EXTREME SPREAD	:	2.916	2.245	2.118
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

23 May 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C6225607

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

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

HS= 1.985
VS= 3.159
GS= 3.244

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.902	.935	.884
MINIMUM X	:	-1.083	-1.050	-1.101
MAXIMUM Y	:	1.599	1.297	1.125
MINIMUM Y	:	-1.560	-1.383	-.908
CENTROID X	:	-.689	-.722	-.671
CENTROID Y	:	.420	.243	.415
POA TO CENTROID in.	:	.807	.761	.789
MIN RADIUS	:	.303	.438	.291
MEAN RADIUS	:	1.041	.966	.892
MAX RADIUS	:	1.626	1.599	1.430
HORIZONTAL SPREAD	:	1.985	1.985	1.985
VERTICAL SPREAD	:	3.159	2.680	2.033
EXTREME SPREAD	:	3.244	2.997	2.465
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	