C6349109

MODEL 700™ M24

Model SWS ™

Action

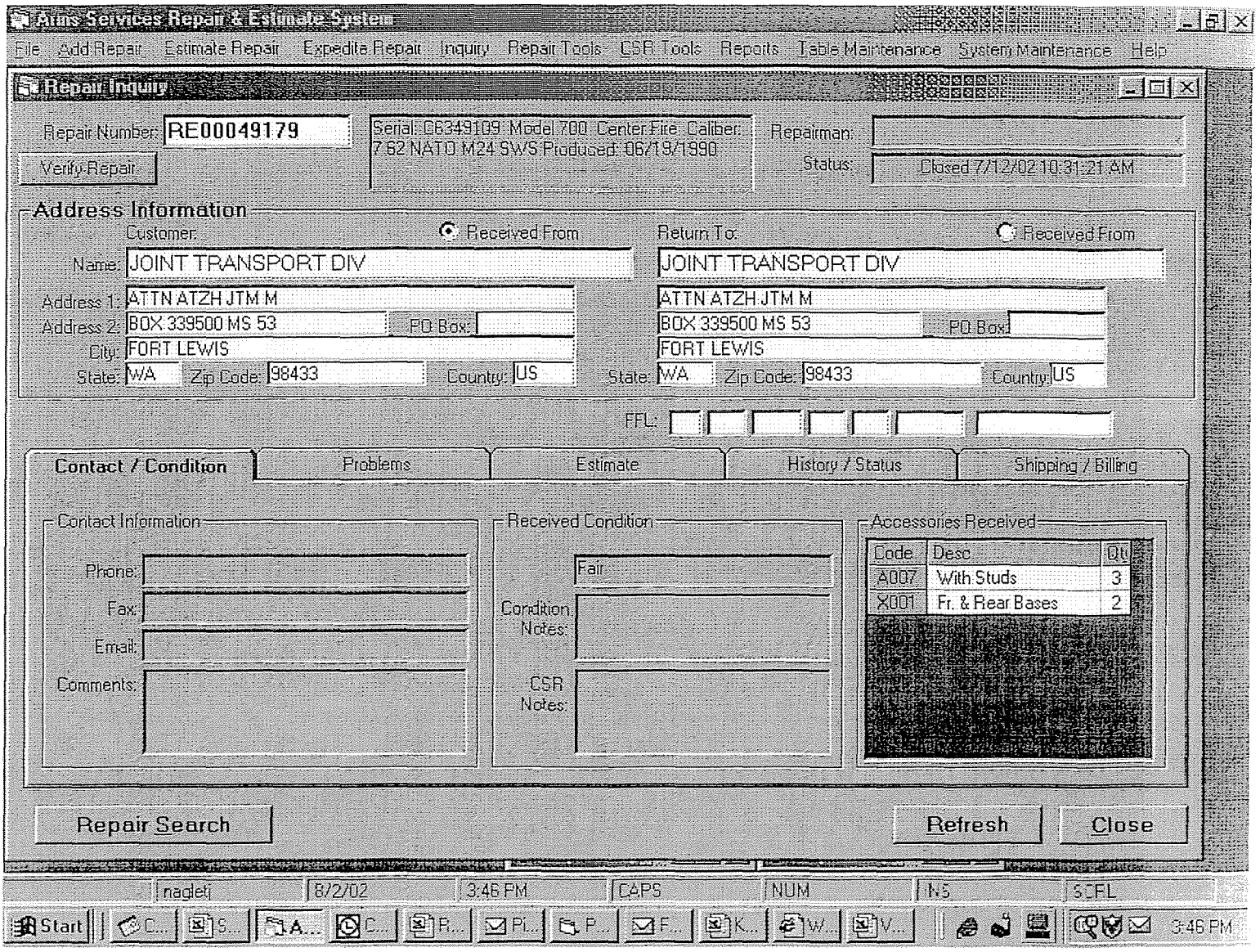
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®



Serial Number: C6349109

Model: 700

RE00049179

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349109.__0
FILE DATE AND TIME: 08/03/2002 12:21

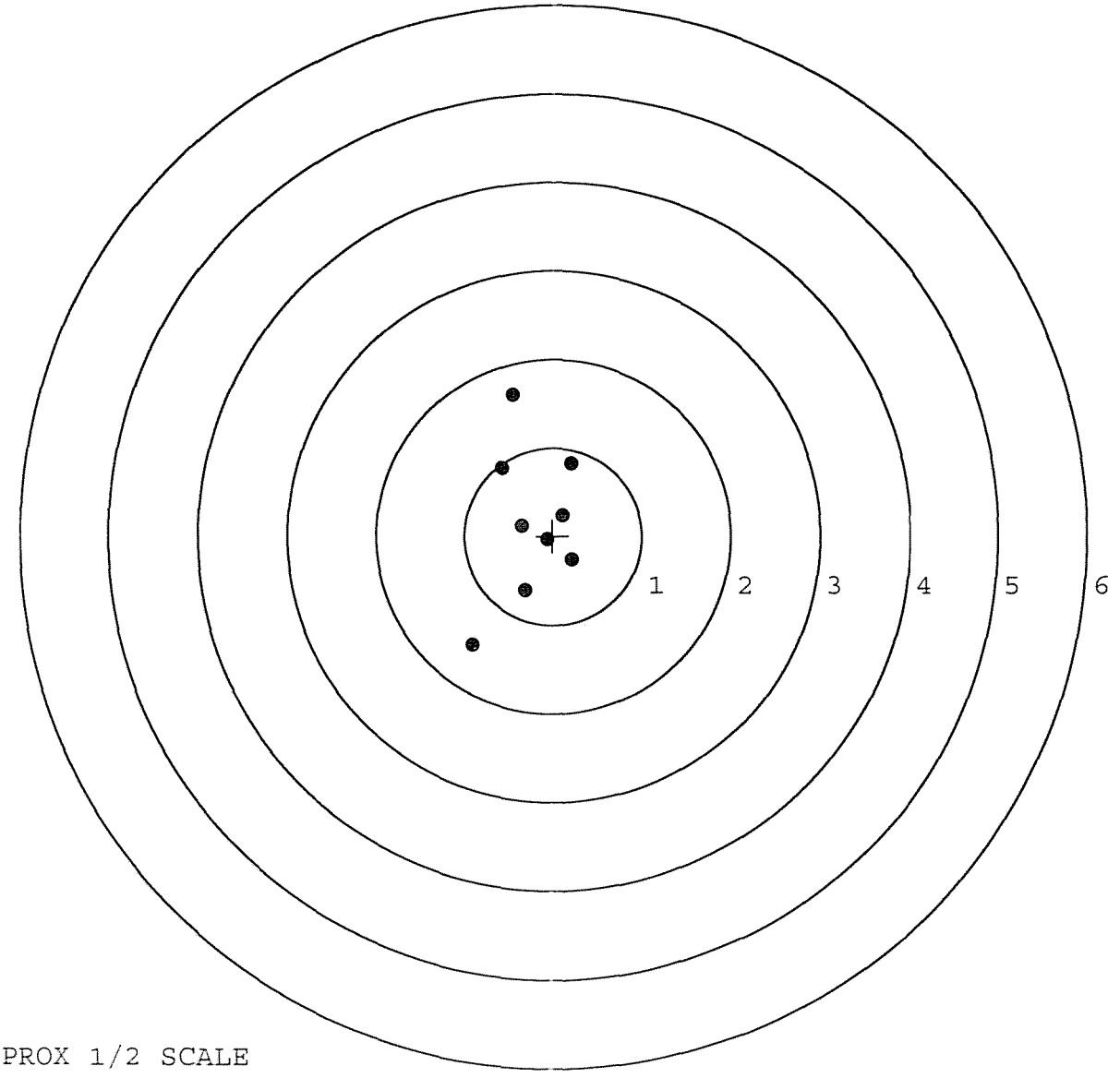
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.086
The Average Y Centroid of the Five Target Set:	0.062
The Average Point of Impact of the Five Target Set:	0.105
The Average Mean Radius of the Five Target Set:	0.680
The Distance from POA to Centroid Target #1:	0.282
The Distance from Centroid Target #2 to Centroid Target #1:	0.335
The Distance from Centroid Target #3 to Centroid Target #1:	0.228
The Distance from Centroid Target #4 to Centroid Target #1:	0.289
The Distance from Centroid Target #5 to Centroid Target #1:	0.217

SERIAL NUMBER: C6349109.__0
TARGET NUMBER: 1
FILE DATE: 08/03/2002
FILE TIME: 12:21

X CENTROID:	-0.235
Y CENTROID:	0.155
POA TO CENTROID:	0.282
HORZ SPREAD:	1.119
VERT SPREAD:	2.828
GROUP SPREAD:	2.863
MIN RADIUS:	0.119
MAX RADIUS:	1.537
MEAN RADIUS:	0.737
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	-0.903	-1.229
2:	-0.312	-0.615
3:	-0.349	0.120
4:	-0.574	0.767
5:	0.207	0.823
6:	-0.454	1.599
7:	0.114	0.240
8:	0.216	-0.269
9:	-0.064	-0.040

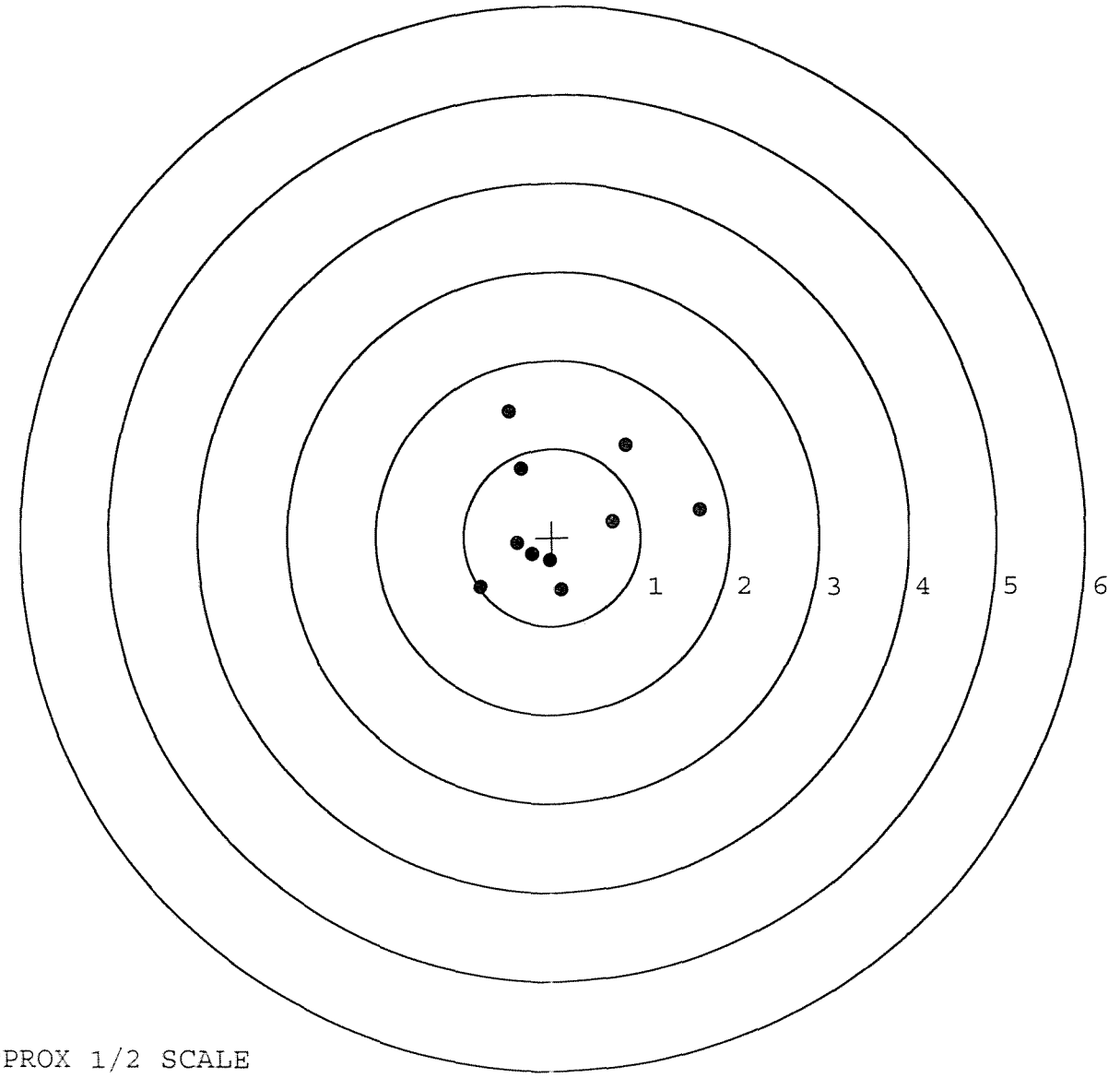


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349109.__0
TARGET NUMBER: 2
FILE DATE: 08/03/2002
FILE TIME: 12:21

X CENTROID:	0.096
Y CENTROID:	0.201
POA TO CENTROID:	0.223
HORZ SPREAD:	2.467
VERT SPREAD:	2.012
GROUP SPREAD:	2.620
MIN RADIUS:	0.481
MAX RADIUS:	1.562
MEAN RADIUS:	0.889
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.655	0.309
2:	0.686	0.175
3:	0.833	1.035
4:	-0.354	0.767
5:	-0.499	1.418
6:	0.107	-0.594
7:	-0.812	-0.573
8:	-0.394	-0.072
9:	-0.232	-0.193
10:	-0.027	-0.264

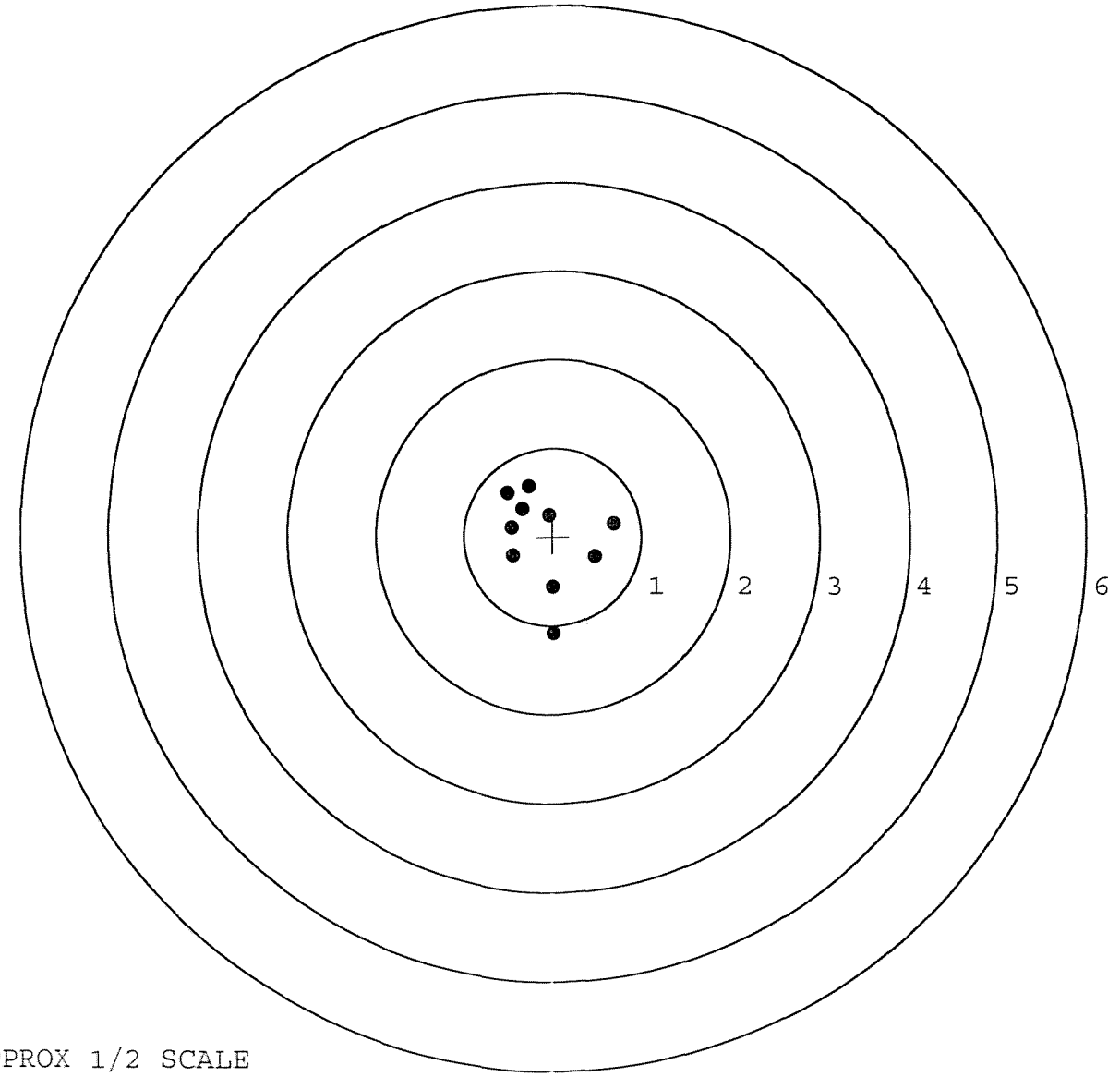


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349109.__0
TARGET NUMBER: 3
FILE DATE: 08/03/2002
FILE TIME: 12:21

X CENTROID:	-0.091
Y CENTROID:	-0.022
POA TO CENTROID:	0.094
HORZ SPREAD:	1.208
VERT SPREAD:	1.671
GROUP SPREAD:	1.696
MIN RADIUS:	0.267
MAX RADIUS:	1.083
MEAN RADIUS:	0.583
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.476	-0.223
2:	0.693	0.151
3:	-0.001	-0.570
4:	0.016	-1.100
5:	-0.453	-0.210
6:	-0.040	0.240
7:	-0.462	0.111
8:	-0.351	0.314
9:	-0.276	0.571
10:	-0.515	0.496

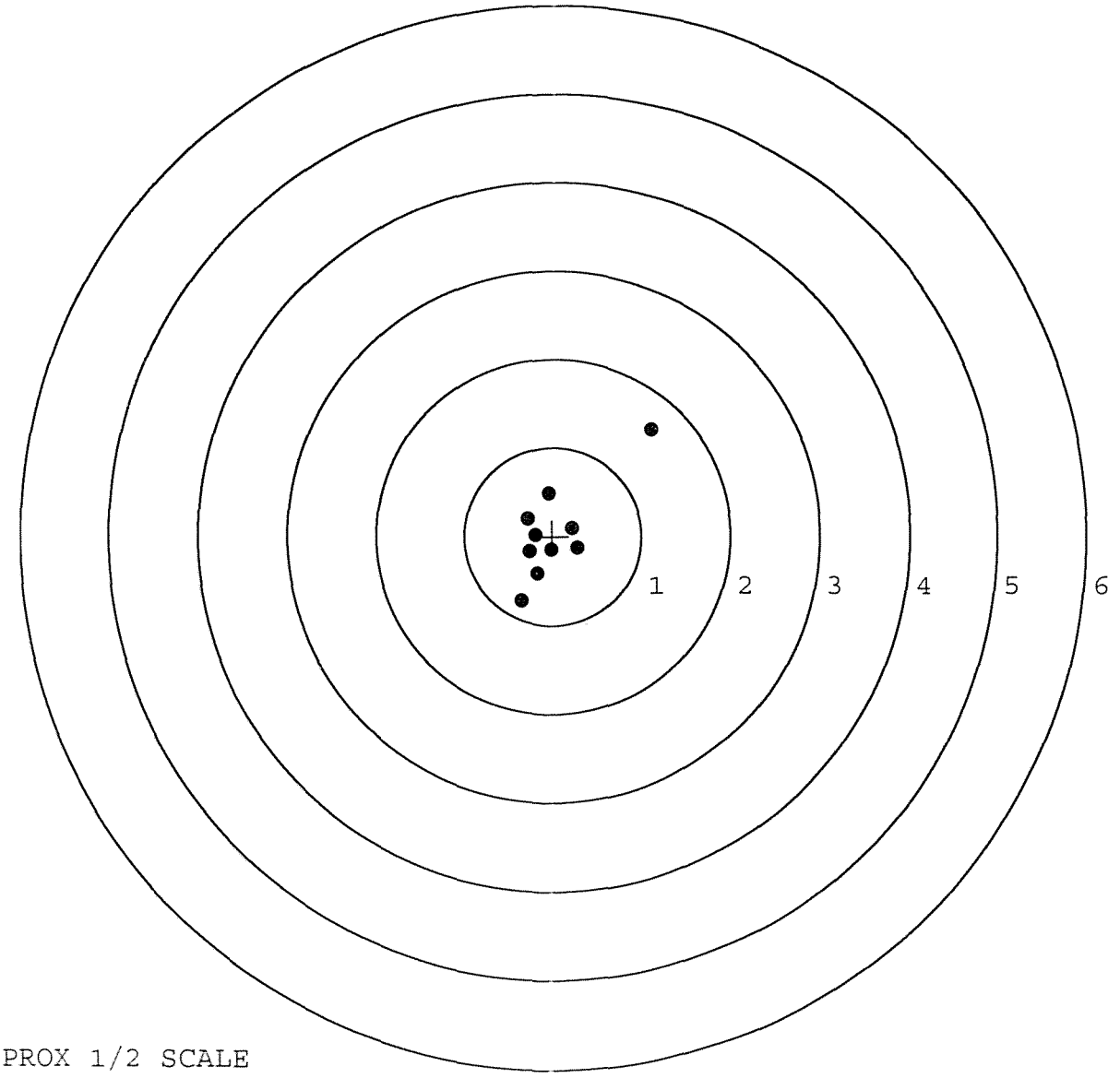


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349109.__0
TARGET NUMBER: 4
FILE DATE: 08/03/2002
FILE TIME: 12:21

X CENTROID:	0.028
Y CENTROID:	0.036
POA TO CENTROID:	0.045
HORZ SPREAD:	1.454
VERT SPREAD:	1.932
GROUP SPREAD:	2.418
MIN RADIUS:	0.201
MAX RADIUS:	1.590
MEAN RADIUS:	0.505
# IN 1 IN DIAMETER:	7
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.106	1.205
2:	0.285	-0.139
3:	0.225	0.092
4:	-0.049	0.482
5:	-0.285	0.194
6:	-0.348	-0.727
7:	-0.179	-0.424
8:	-0.262	-0.179
9:	-0.016	-0.160
10:	-0.199	0.014

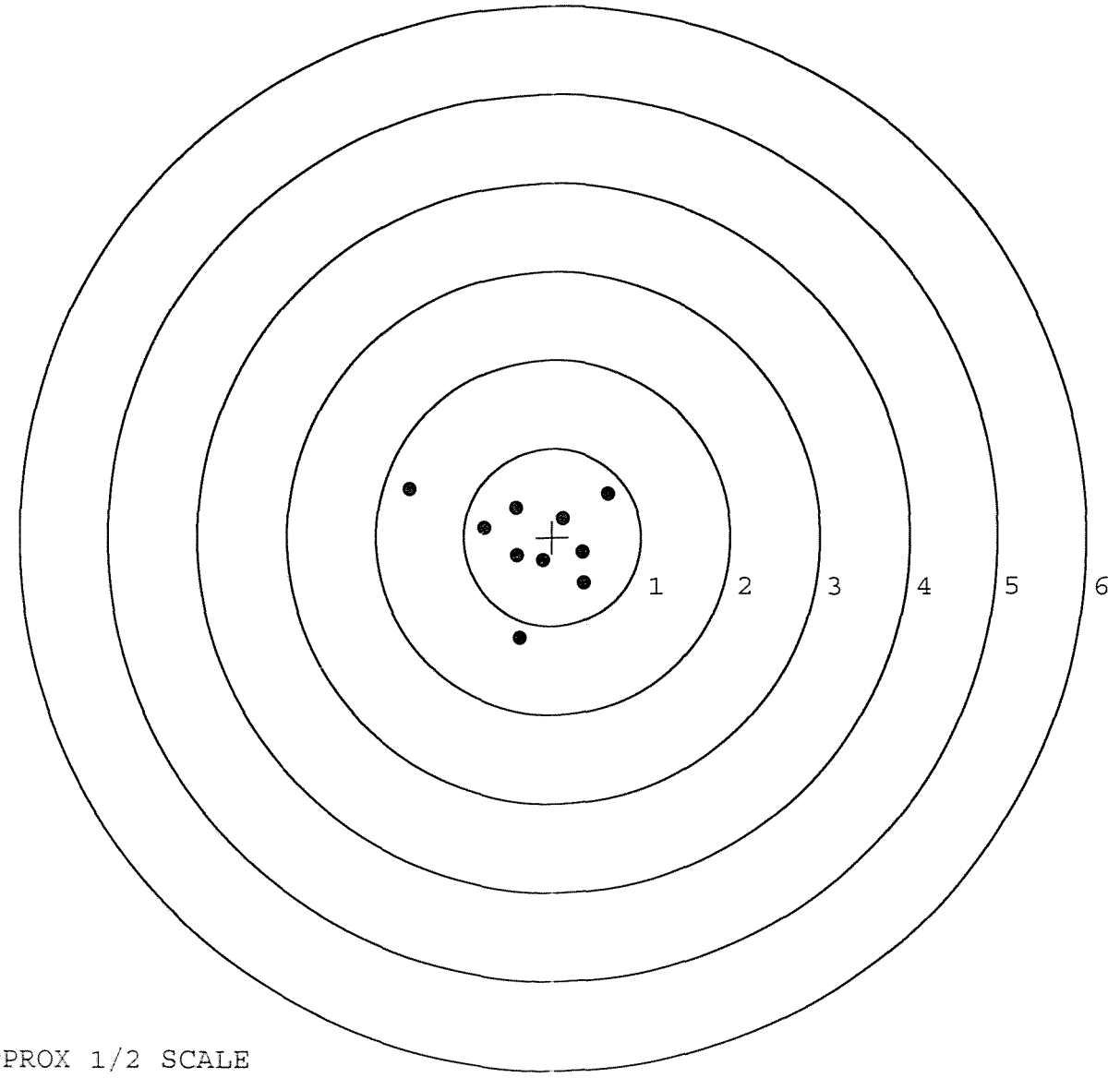


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349109.__0
TARGET NUMBER: 5
FILE DATE: 08/03/2002
FILE TIME: 12:21

X CENTROID:	-0.225
Y CENTROID:	-0.061
POA TO CENTROID:	0.233
HORZ SPREAD:	2.244
VERT SPREAD:	1.678
GROUP SPREAD:	2.246
MIN RADIUS:	0.226
MAX RADIUS:	1.522
MEAN RADIUS:	0.686
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.372	-1.136
2:	0.354	-0.524
3:	0.342	-0.178
4:	0.122	0.211
5:	0.621	0.489
6:	-0.414	0.339
7:	-0.108	-0.265
8:	-0.773	0.112
9:	-1.623	0.542
10:	-0.401	-0.204



TARGET APPROX 1/2 SCALE

SWS/Repair

[redacted]

Final Inspection

S/N: CL0349[illegible]	DATE REC'D: 7/12/02	DATE RET'D: 8/2/02

AUDITOR: [illegible]

ITEM:

BARREL ASSY.
- ✓ BARREL
- ✓ RECEIVER
- ✓ FRONT SIGHT BLOCK
- ✓ REAR SIGHT BLOCK
- ✓ SCREWS
- ✓ FINISH

SCOPE ASSY.
- ___ SCOPE
- ___ SCOPE RINGS
- ___ MOUNTING SCREWS
- ___ MOUNTING BASE
- ___ SCREWS
- ___ FINISH
- ___ LOOSENESS
- ___ CLARITY

MISC.
- ___ DD-250
- ___ BAR CODE
- ___ PACKAGING

ITEM:

STOCK ASSY.
- ✓ STOCK
- ✓ SLING SWIVEL STUDS
- ✓ ADJUSTABLE BUTT PLATE
- ✓ LOCK NUTS
- ✓ BARREL CLEARANCE
- ✓ COLOR/FINISH

SYSTEMS CASE
- ___ SCOPE CASE
- ___ IRON SIGHTS
- ___ DEPLOYMENT KIT

TRIGGER
- ___ SAFETY OPERATION
- ✓ SET
- ___

COMMENTS: _____

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

R & E NUMBER	4917 9
SERIAL NUMBER	[redacted] C 0349109
LOG-IN DATE	7/11/02

INSPECT AND VERIFY:

OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	7/15/02	RL
560 A	RE-BARREL	7/15/02	DA
B	DRILL AND TAP	7-19-02	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	MAGNA - FLUX INSPECTED JUL 23 2002	
615	ROLLMARK CALIBER	7/23/02	TCD
618	ROTO-BLAST	7/25/02	KO
620	APPLY COATINGS	RL 7-26	TA
625 A	FINAL ASSEMBLY	OPERATOR 8-1-02	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	8-1-02	RW
655	FINAL INSPECT	8/5/02	RL
660	PACK	8/5/02	DA
		SHIP DATE	
	QAR INSPECTION DATE		

CONTRACT # DAAA21-87-C-0086

0583

GUN SERIAL # C6349109

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10-9	89	RW
600	Proof	10-9	89	A.C.
607	Check Headspace	10-9	89	RW
610	Dis-assemble Gun	10-9	89	RW
612	Magnaflux Barrel Action		10/13/89	KER
	Magnaflux Bolt		10/13/89	KER
615	Rollmark Caliber			
7	Drill and Tap Sight Holes	10	1689	YB
618	Polish Barrel RB	10	1689	BT
620	Apply Coatings (Barrel Action)		10-27-89	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/30/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/30/89	RW
	C) Inspect Ejector Hole for Chamfer		10/30/89	RW
	D) Oil Firing Pin Ass'y		10/30/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		31Oct89	JS

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	5	5	5	10/31/89	
	G) Safety Off Force	4	4	4	10/31/89	
	H) Trigger Pull Test & Retainability				3/6/89	
	I) Firing Pin Indent	.022	.022	.022	10/31/89	
	J) Assemble Stock				11/1/89	
	K) Assemble Swivel Studs				6 Nov 89	
	L) Attach Front and Rear Sight Assemblies				11/1/89	
	M) Iron Sight Alignment				11/1/89	
	N) Detach Front & Rear Sights & place in numbered container				11/1/89	
	O) Attach Scope to Rifle				11/1/89	
	P) Detach & Attach Scope 20 Times				11/1/89	
640	Gallery Target & Test				11-2-89	DH
	A) Time				11-2-89	DH
	B) Malfunctions				11-2-89	DH
	C) Pierced Primers				11-2-89	DH
	D) Optical Clearity of Scope				11-2-89	DH
645	Inspect for Live Ammo				11-2-89	DH
655	Final Inspection A) Headspace				6 Nov 89	
	B) Trigger Pull	231	215	220 221 227	6 Nov 89	
	C) Function				6 Nov 89	
660	Pack				14 Dec 89	

SWS TRIGGER PULL TEST

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

SERIAL NO. C6349109
DATE 3/30/90
TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.37	2.24		MIN. SETTING,
PULL #2	2.44	2.32	2.25		NO AVG. OF 5
PULL #3	2.45	2.34	2.17		READINGS ACCEPT-
PULL #4	2.44	2.24	2.12		ABLE LESS THAN 2#
PULL #5	2.44	2.35	2.15		
TOTAL	12.28	11.62	10.93		
AVG.	2.45	2.32	2.18		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.22		
PULL #2	3.35	3.23		
PULL #3	3.30	3.18		
PULL #4	3.22	3.13		
PULL #5	3.22	3.19		
TOTAL	16.34	15.95		
AVG.	3.22	3.19		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.24		
PULL #2	4.20	4.22		
PULL #3	4.29	4.25		
PULL #4	4.27	4.19		
PULL #5	4.33	4.19		
TOTAL	21.33	21.09		
AVG.	4.26	4.21		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349109
2 Nov 1989

CENTROIDAL DISTANCES

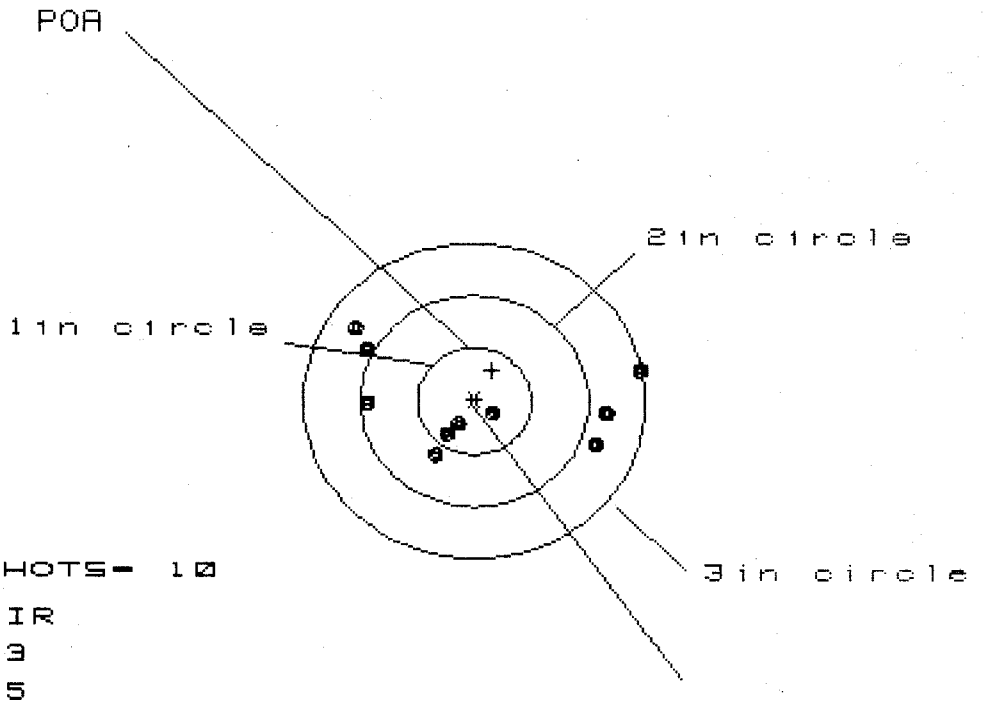
0	TO	1	.333708
1	TO	2	.21523
1	TO	3	.372325
1	TO	4	.216123
1	TO	5	.393209

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1752
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1426
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .225898

THE AMR FOR THIS RIFLE IS: .9528

2 Nov 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C6345109

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

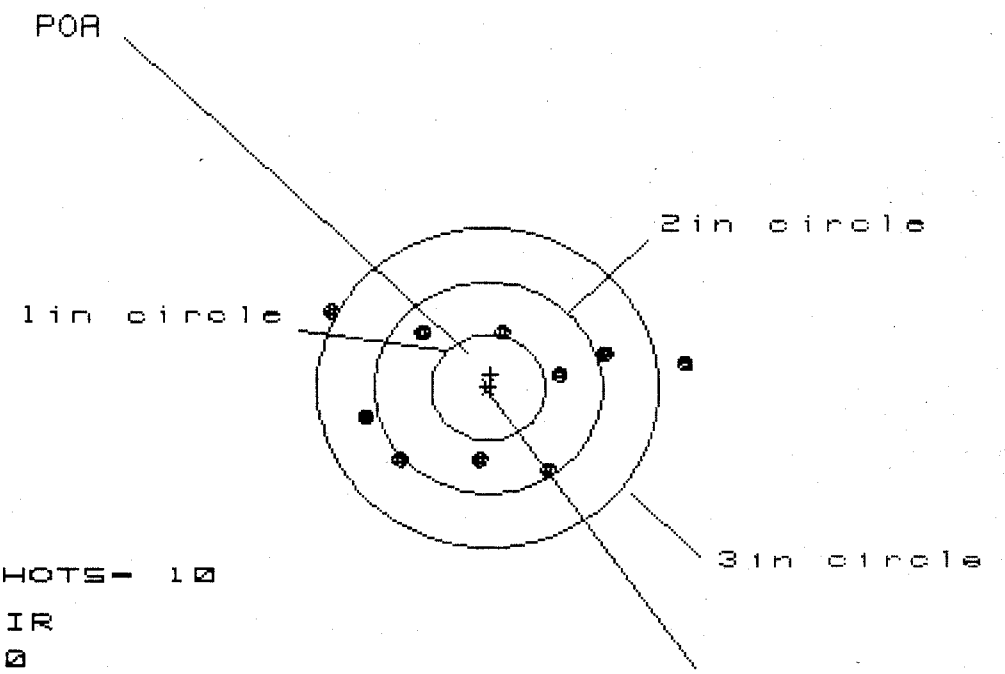
# IN CIR
1in = 3
2in = 5
3in = 10

HS= 2.489
VS= 1.234
GS= 2.522

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.407	1.317	1.201
MINIMUM X	:	-1.082	-.925	-.933
MAXIMUM Y	:	.719	.753	.638
MINIMUM Y	:	-.515	-.481	-.387
CENTROID X	:	-.156	-.313	-.197
CENTROID Y	:	-.295	-.329	-.423
POA TO CENTROID in.	:	.334	.454	.467
MIN RADIUS	:	.192	.134	.098
MEAN RADIUS	:	.850	.754	.678
MAX RADIUS	:	1.441	1.318	1.202
HORIZONTAL SPREAD	:	2.489	2.242	2.134
VERTICAL SPREAD	:	1.234	1.234	1.025
EXTREME SPREAD	:	2.522	2.403	2.217
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	10		

2 Nov 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C6349109

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

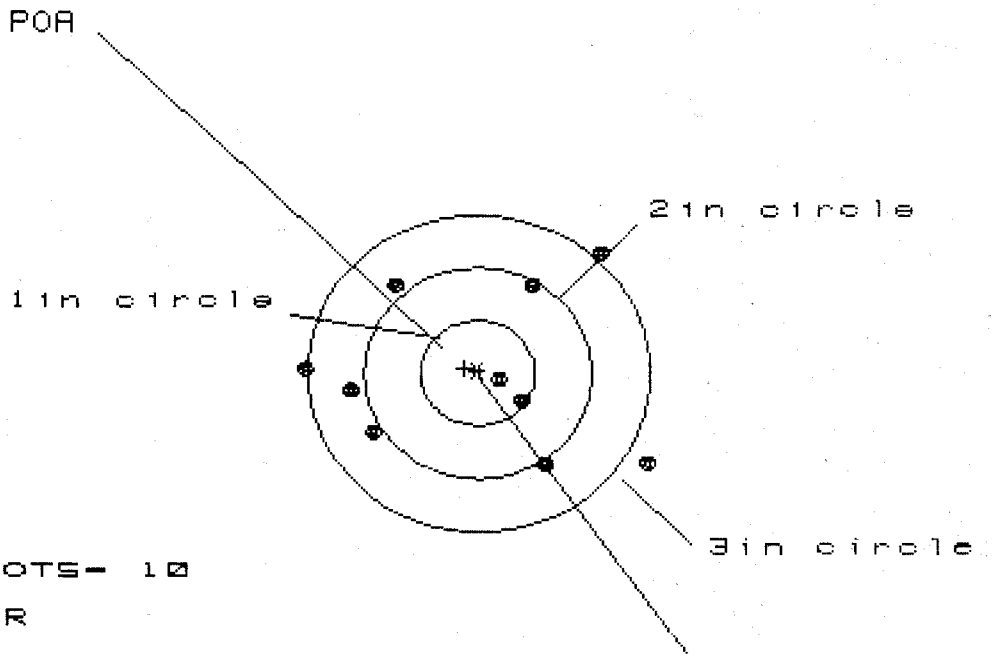
# IN CIR
1in = 0
2in = 5
3in = 8

HS= 3.076
VS= 1.507
GS= 3.110

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.729	1.208	1.063
MINIMUM X	:	-1.347	-1.154	-1.073
MAXIMUM Y	:	.686	.711	.688
MINIMUM Y	:	-.821	-.796	-.707
CENTROID X	:	-.024	-.217	-.072
CENTROID Y	:	-.125	-.150	-.239
POA TO CENTROID in.	:	.127	.264	.250
MIN RADIUS	:	.527	.619	.593
MEAN RADIUS	:	1.011	.922	.854
MAX RADIUS	:	1.744	1.356	1.141
HORIZONTAL SPREAD	:	3.076	2.362	2.136
VERTICAL SPREAD	:	1.507	1.507	1.395
EXTREME SPREAD	:	3.110	2.393	2.202
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

2 Nov 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C6345109

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

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

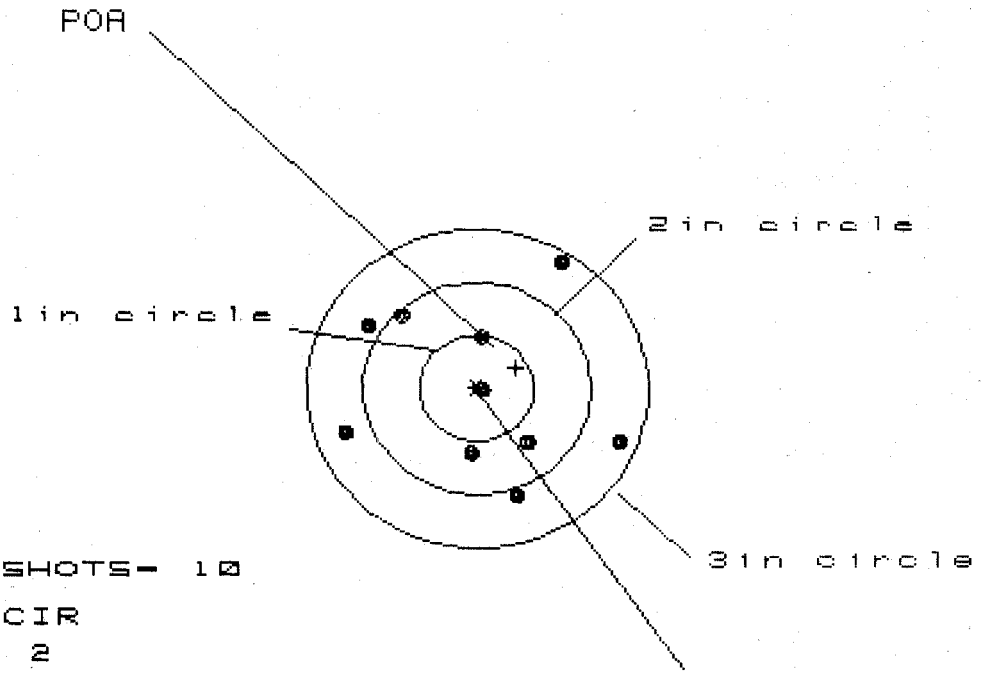
HS= 3.003
VS= 2.057
GS= 3.130

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.524	1.256	.890
MINIMUM X	:	-1.479	-1.309	-1.153
MAXIMUM Y	:	1.179	1.081	.863
MINIMUM Y	:	-.878	-.943	-.808
CENTROID X	:	.119	-.051	-.207
CENTROID Y	:	-.044	.054	-.081
POA TO CENTROID in.	:	.127	.074	.223
MIN RADIUS	:	.175	.370	.485
MEAN RADIUS	:	1.074	1.005	.911
MAX RADIUS	:	1.759	1.657	1.202
HORIZONTAL SPREAD	:	3.003	2.565	2.043
VERTICAL SPREAD	:	2.057	2.024	1.671
EXTREME SPREAD	:	3.130	2.822	2.212

NUMBER IN ONE INCH CIRCLE	=	2
NUMBER IN TWO INCH CIRCLE	=	3
NUMBER IN THREE INCH CIRCLE	=	8

2 Nov 1989 FILE:/PATTERNING/CENTERFIRE_PATT/CG349109

CENTERFIRE PATTERNS # 4

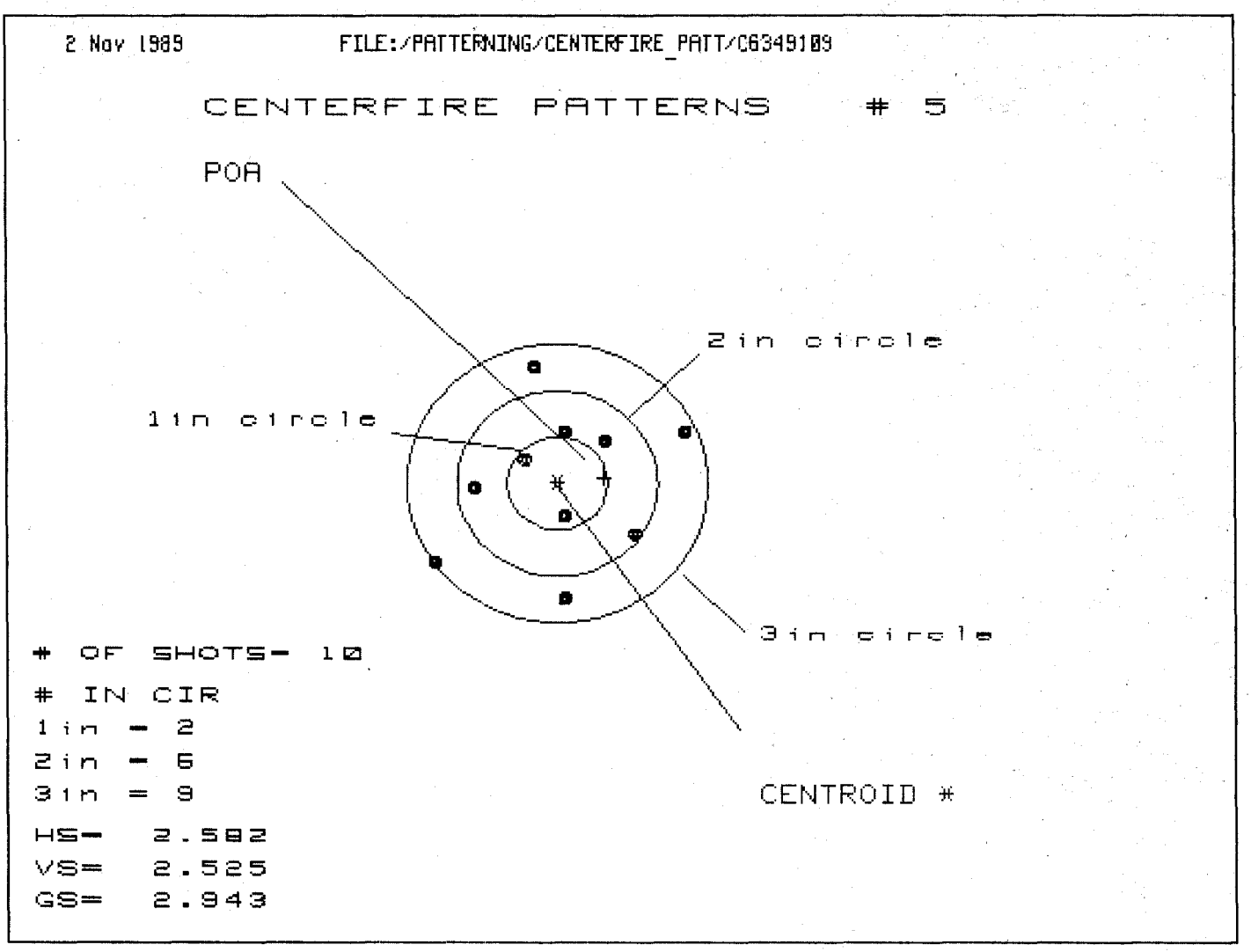


OF SHOTS= 10

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

HS= 2.466
VS= 2.216
GS= 2.571

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.266	1.347	.735
MINIMUM X	:	-1.200	-1.119	-.950
MAXIMUM Y	:	1.240	.853	.811
MINIMUM Y	:	-.976	-.838	-.880
CENTROID X	:	-.346	-.427	-.596
CENTROID Y	:	-.192	-.330	-.288
POA TO CENTROID in.	:	.395	.540	.661
MIN RADIUS	:	.038	.141	.271
MEAN RADIUS	:	.900	.837	.778
MAX RADIUS	:	1.441	1.388	1.063
HORIZONTAL SPREAD	:	2.466	2.466	1.685
VERTICAL SPREAD	:	2.216	1.691	1.691
EXTREME SPREAD	:	2.571	2.468	2.044
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.311	1.169	.793
MINIMUM X	:	-1.271	-.932	-.785
MAXIMUM Y	:	1.278	1.181	1.235
MINIMUM Y	:	-1.247	-1.344	-1.290
CENTROID X	:	-.469	-.327	-.474
CENTROID Y	:	-.057	.040	-.014
POA TO CENTROID in.	:	.472	.330	.474
MIN RADIUS	:	.346	.459	.390
MEAN RADIUS	:	.929	.852	.788
MAX RADIUS	:	1.546	1.349	1.290
HORIZONTAL SPREAD	:	2.582	2.101	1.578
VERTICAL SPREAD	:	2.525	2.525	2.525
EXTREME SPREAD	:	2.943	2.536	2.536
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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. C6349109

ORDER NO. 5716

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

01

5716 C6349109

UPC

0 47700 25716 7