C661704

MODEL 700 TM M24

Model 5HS TM

Action

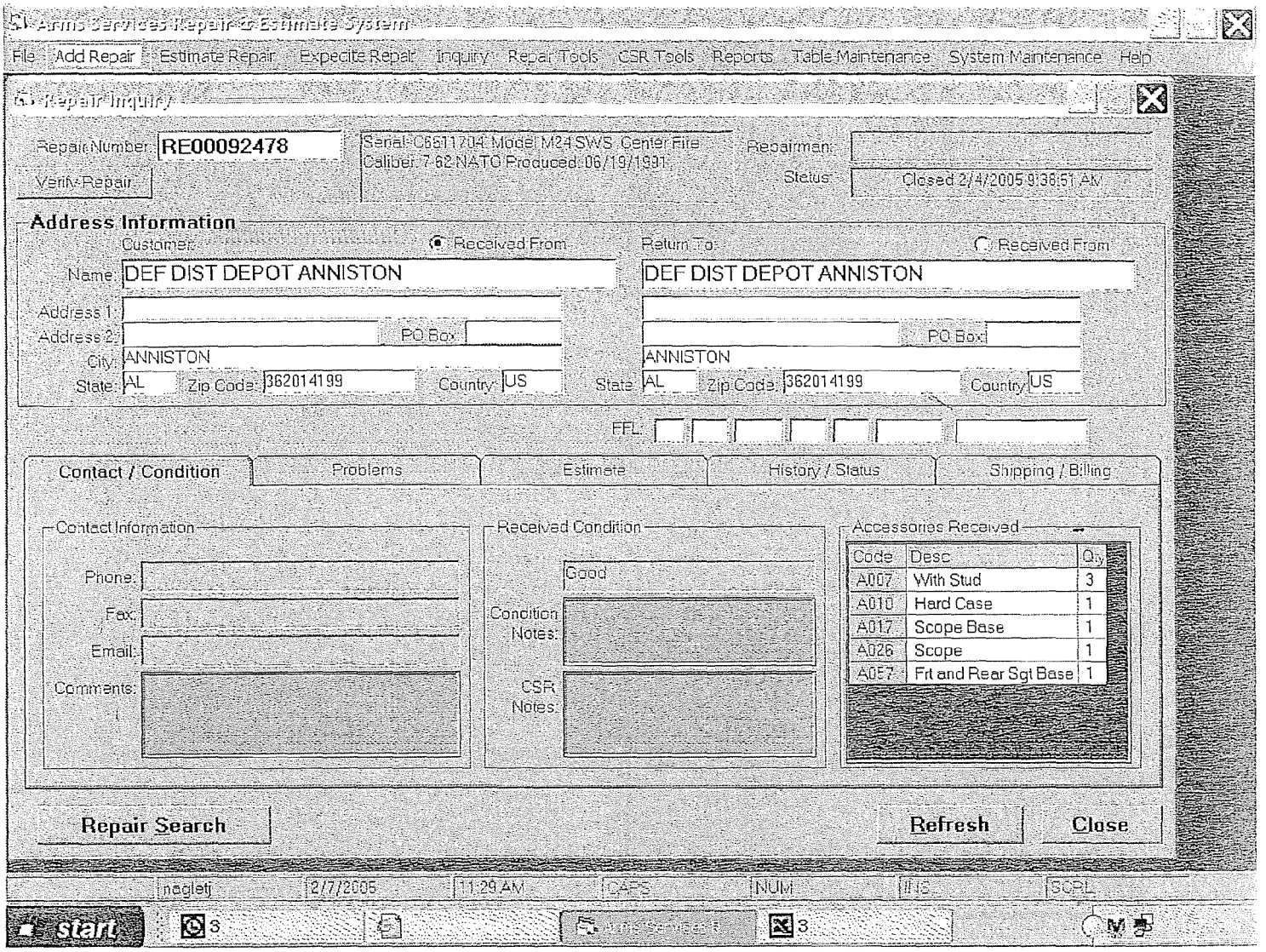
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington



Serial Number: C6611704

Model: M24 SWS

RE00092478

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611704.__0
FILE DATE AND TIME: 05/11/2005 08:38

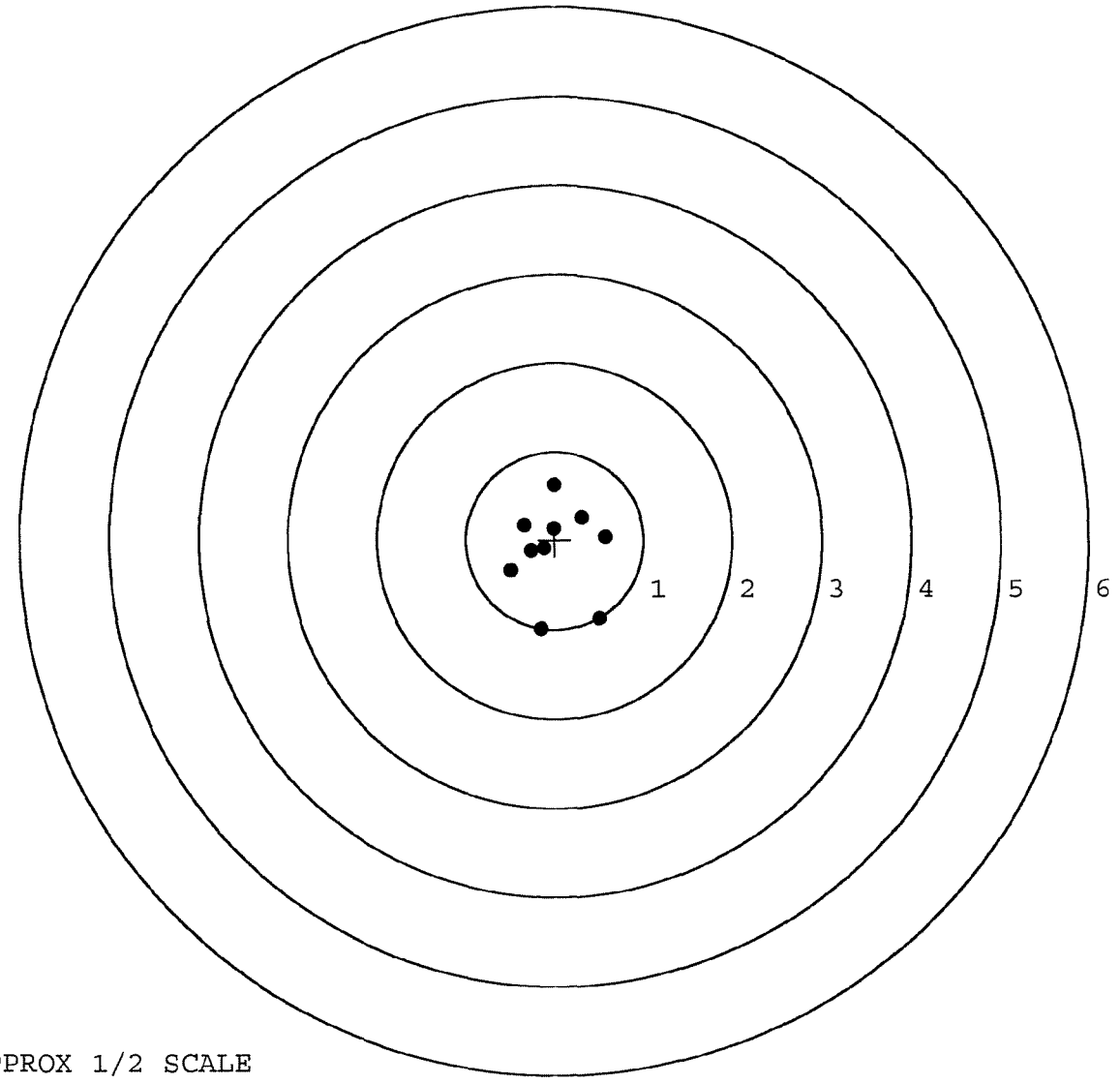
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.080
The Average Y Centroid of the Five Target Set:	-0.155
The Average Point of Impact of the Five Target Set:	0.175
The Average Mean Radius of the Five Target Set:	0.819
The Distance from POA to Centroid Target #1:	0.121
The Distance from Centroid Target #2 to Centroid Target #1:	0.308
The Distance from Centroid Target #3 to Centroid Target #1:	0.272
The Distance from Centroid Target #4 to Centroid Target #1:	0.100
The Distance from Centroid Target #5 to Centroid Target #1:	0.118

SERIAL NUMBER: C6611704.__0
TARGET NUMBER: 1
FILE DATE: 05/11/2005
FILE TIME: 08:38

X CENTROID:	-0.003
Y CENTROID:	-0.121
POA TO CENTROID:	0.121
HORZ SPREAD:	1.071
VERT SPREAD:	1.626
GROUP SPREAD:	1.590
MIN RADIUS:	0.123
MAX RADIUS:	0.912
MEAN RADIUS:	0.527
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.502	-0.881
2:	-0.157	-1.002
3:	0.575	0.034
4:	0.301	0.260
5:	-0.010	0.133
6:	-0.123	-0.094
7:	-0.268	-0.120
8:	-0.496	-0.341
9:	-0.342	0.173
10:	-0.011	0.624

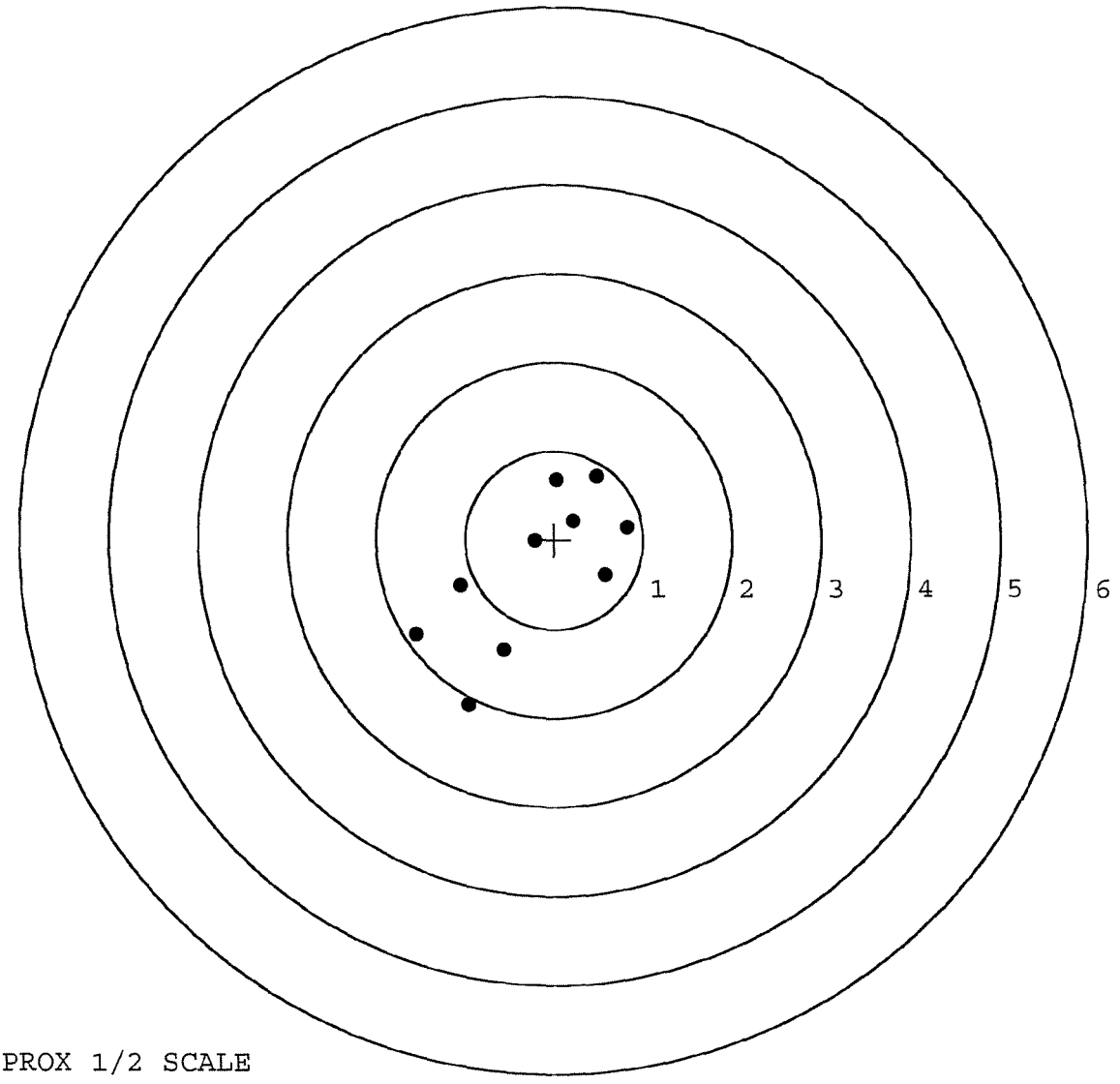


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611704.__0
TARGET NUMBER: 2
FILE DATE: 05/11/2005
FILE TIME: 08:38

X CENTROID:	-0.226
Y CENTROID:	-0.334
POA TO CENTROID:	0.403
HORZ SPREAD:	2.372
VERT SPREAD:	2.575
GROUP SPREAD:	2.953
MIN RADIUS:	0.319
MAX RADIUS:	1.694
MEAN RADIUS:	1.031
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	0.573	-0.399
2:	0.821	0.142
3:	0.219	0.207
4:	0.476	0.718
5:	0.028	0.678
6:	-0.222	-0.016
7:	-1.059	-0.514
8:	-0.571	-1.239
9:	-1.551	-1.065
10:	-0.969	-1.857

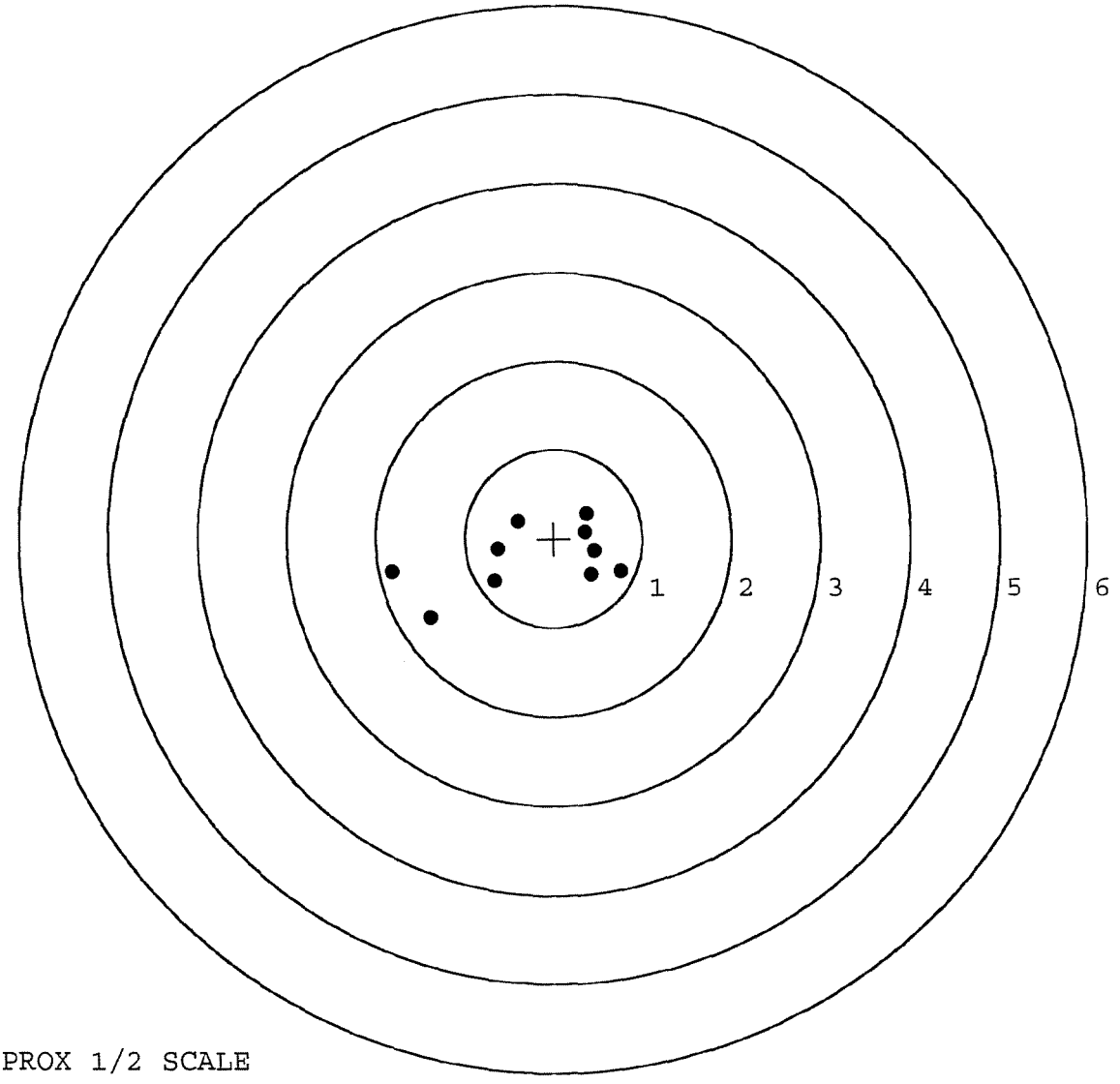


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611704.__0
TARGET NUMBER: 3
FILE DATE: 05/11/2005
FILE TIME: 08:38

X CENTROID:	-0.255
Y CENTROID:	-0.223
POA TO CENTROID:	0.339
HORZ SPREAD:	2.572
VERT SPREAD:	1.178
GROUP SPREAD:	2.572
MIN RADIUS:	0.397
MAX RADIUS:	1.571
MEAN RADIUS:	0.813
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.754	-0.371
2:	0.423	-0.406
3:	0.454	-0.139
4:	0.369	0.283
5:	0.359	0.075
6:	-0.403	0.194
7:	-0.637	-0.114
8:	-0.669	-0.477
9:	-1.384	-0.895
10:	-1.818	-0.382

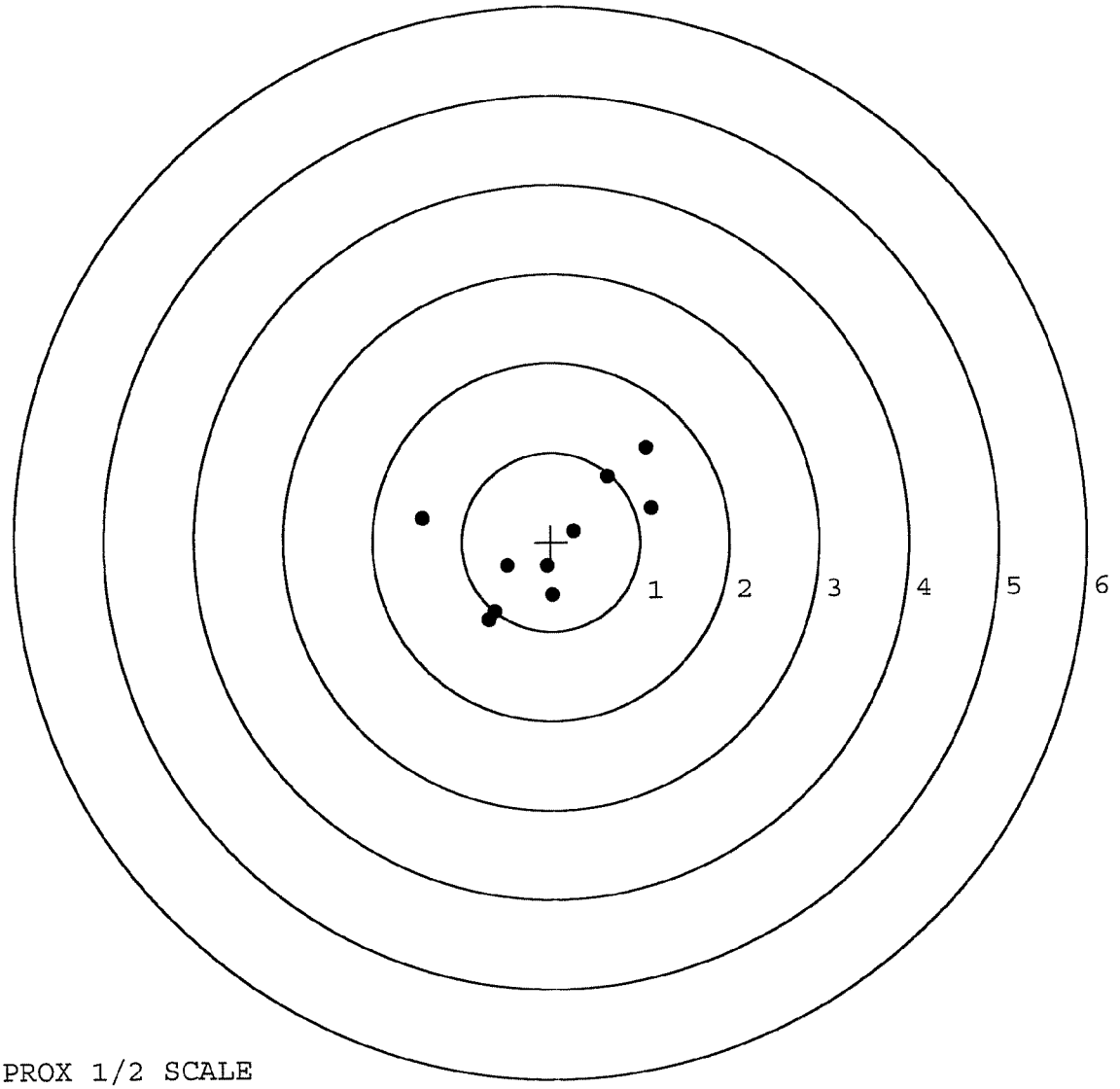


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611704.__0
TARGET NUMBER: 4
FILE DATE: 05/11/2005
FILE TIME: 08:38

X CENTROID:	-0.022
Y CENTROID:	-0.023
POA TO CENTROID:	0.032
HORZ SPREAD:	2.562
VERT SPREAD:	1.914
GROUP SPREAD:	2.626
MIN RADIUS:	0.247
MAX RADIUS:	1.532
MEAN RADIUS:	0.892
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.713	-0.870
2:	-0.641	-0.777
3:	-0.495	-0.262
4:	0.011	-0.597
5:	-0.047	-0.269
6:	0.256	0.122
7:	1.127	0.371
8:	0.637	0.728
9:	1.077	1.044
10:	-1.435	0.279

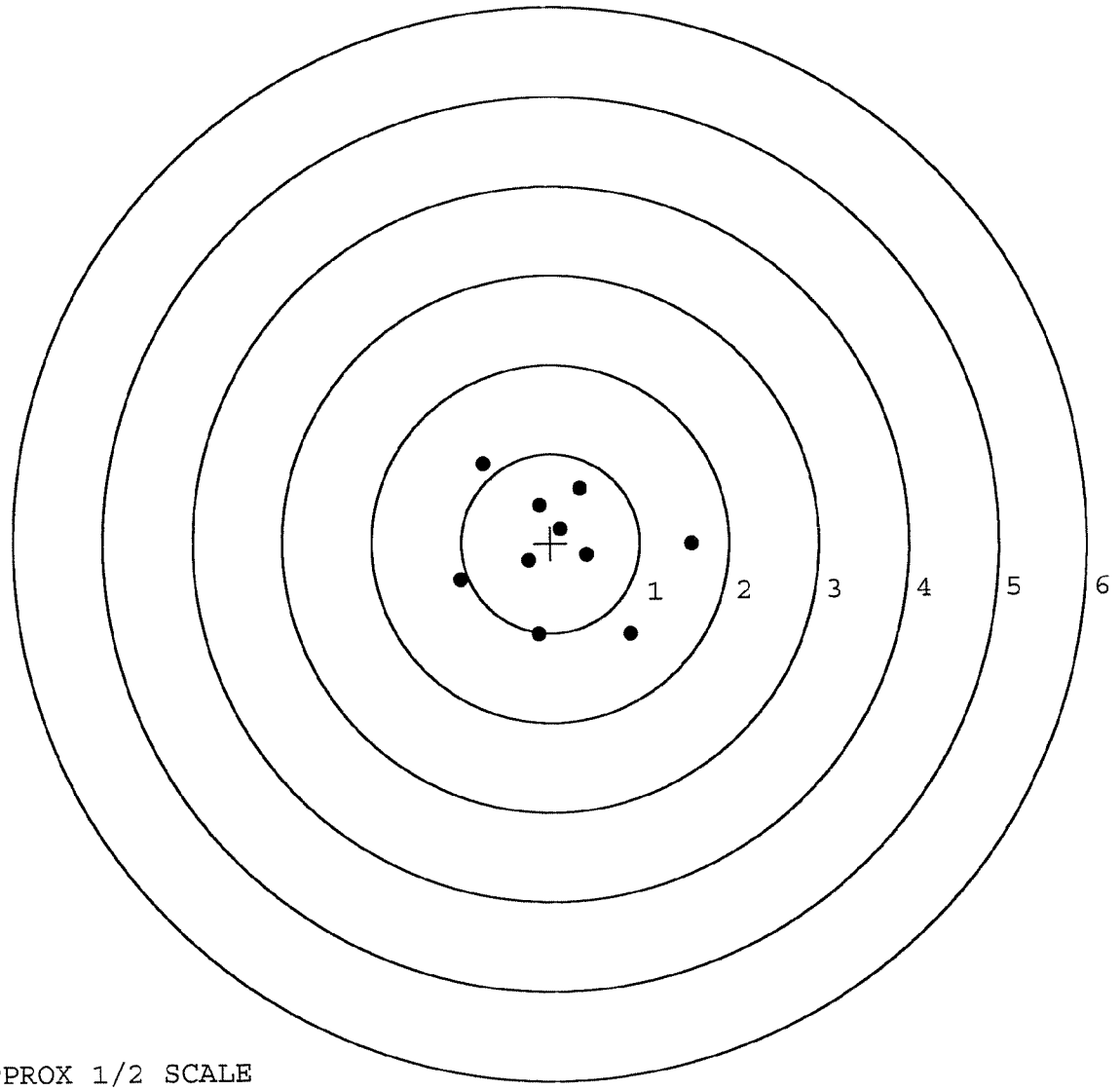


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611704.__0
TARGET NUMBER: 5
FILE DATE: 05/11/2005
FILE TIME: 08:38

X CENTROID:	0.104
Y CENTROID:	-0.072
POA TO CENTROID:	0.127
HORZ SPREAD:	2.594
VERT SPREAD:	1.915
GROUP SPREAD:	2.621
MIN RADIUS:	0.229
MAX RADIUS:	1.479
MEAN RADIUS:	0.832
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.884	-1.021
2:	1.582	-0.030
3:	-1.012	-0.405
4:	-0.252	-0.200
5:	0.406	-0.138
6:	0.112	0.157
7:	-0.125	0.424
8:	0.339	0.612
9:	-0.747	0.894
10:	-0.148	-1.015



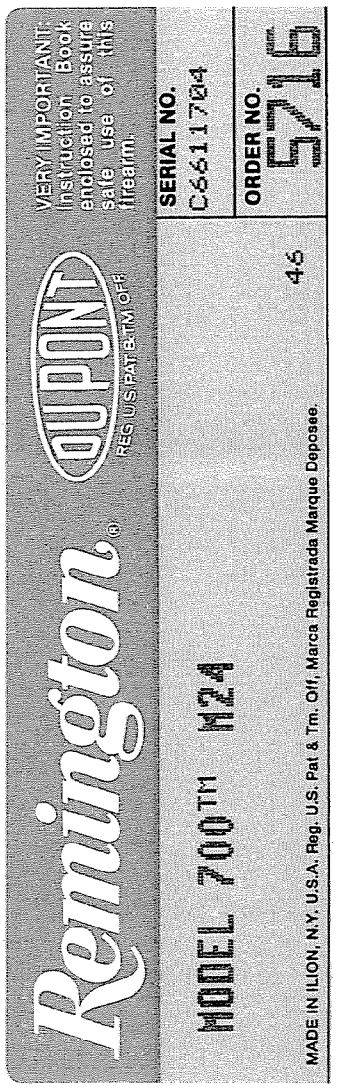
TARGET APPROX 1/2 SCALE

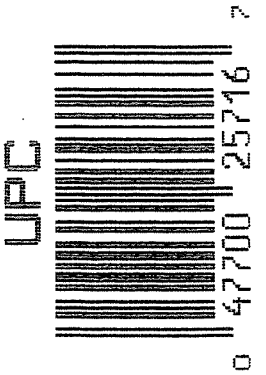
M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	92478		
SERIAL NUMBER	C6611704		
LOG-IN DATE	2-4-05		

INSPECT AND VERIFY:

OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-5-05	RTL
560 A	RE-BARREL	4-7-05	RTL
B	DRILL AND TAP	4-11-05	TRW
575	ASSEMBLE	4-7-05	RTL
600	PROOF	4-8-05	AC
605	CHECK HEADSPACE	4-8-05	AC
610	DIS-ASSEMBLE GUN	4-11-05	RTL
612	MAGNAFLUX	MAGNAFLUX INSPECTED APR 11 [illegible] OPERATOR BS	
615	ROLLMARK CALIBER	4-12-05	CW
618	ROTO-BLAST	4-18-05	LB
620	APPLY COATINGS	4-25-05	[illegible]
625 A	FINAL ASSEMBLY	5-10-05	RTL
B	TRIGGER PULL TEST	~~X~~	~~X~~
C	SAFETY "ON" FORCE	5-13-05	AC
D	SAFETY "OFF" FORCE	5-13-05	AC
E	FIRING PIN INDENT	5-13-05	AC
640	TARGET	5-11-05	AC
655	FINAL INSPECT	5-13-05	AC
660	PACK	5-14-05	DA
		SHIP DATE	
	QAR INSPECTION DATE		


Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700 TM M24
SERIAL NO.
C6611704
ORDER NO.
5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off., Marca Registrada Marque Deposee.
5716 C6611704


UPC
0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611704

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 28	91	RW
600	Proof	3 28	91	RW
607	Check Headspace	3 28	91	RW
610	Dis-assemble Gun	3 28	91	RW
612	Magnaflux Barrel Action	APR	2 1991	KR
	Magnaflux Bolt	APR	2 1991	"
615	Rollmark Caliber	APR	2 1991	DS
617	Drill and Tap Sight Holes	APR 5	1991	WB
618	Polish Barrel	APR 5	1991	WB
620	Apply Coatings (Barrel Action)		4-9-91	
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/10/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/10/91	RW
	C) Inspect Ejector Hole for Chamfer		4/10/91	RW
	D) Oil Firing Pin Ass'y		4/10/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4-16-91	DH

op. #	OPERATION NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			4-16-91	AC
	G) Safety Off Force	3	4	4			4-16-91	AC
	H) Trigger Pull Test & Retainability						4-16-91	DH
	I) Firing Pin Indent	.022	.022	.022			4-16-91	AC
	J) Assemble Stock						4/17/91	RW
	K) Assemble Swivel Studs						4-23-91	DH
	L) Attach Front and Rear Sight Assemblies						4/17/91	RW
	M) Iron Sight Alignment						4/17/91	RW
	N) Detach Front & Rear Sights & place in numbered container						4/17/91	RW
	O) Attach Scope to Rifle						4/17/91	RW
	P) Detach & Attach Scope 20 Times						4/17/91	RW
640	Gallery Target & Test						4-17-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clearity of Scope						"	NF
645	Inspect for Live Ammo						4-17-91	NF
655	Final Inspection A) Headspace						4-23-91	DH
	B) Trigger Pull	2.59	2.17	2.20	2.20	2.19	4/22/91	DH
	C) Function						4-23-91	DH
660	Pack						6-18-91	NF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6611704
DATE 4-16-91
TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.46	2.57	2.59	MIN. SETTING,
PULL #2	2.40	2.60	2.14	2.77	NO AVG. OF 5
PULL #3	2.47	2.53	2.57	2.20	READINGS ACCEPT-
PULL #4	2.46	2.55	2.52	2.20	ABLE LESS THAN 2#
PULL #5	2.41	2.57	2.56	2.19	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.08	3.01		
PULL #2	3.04	3.07		
PULL #3	2.99	3.03		
PULL #4	3.08	3.07		
PULL #5	3.11	3.07		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.06	4.33		4.39
PULL #2	4.01	4.34		4.33
PULL #3	4.11	4.28		4.31
PULL #4	3.99	4.40		4.31
PULL #5	4.01	4.43		4.22
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611704
17 Apr 1991

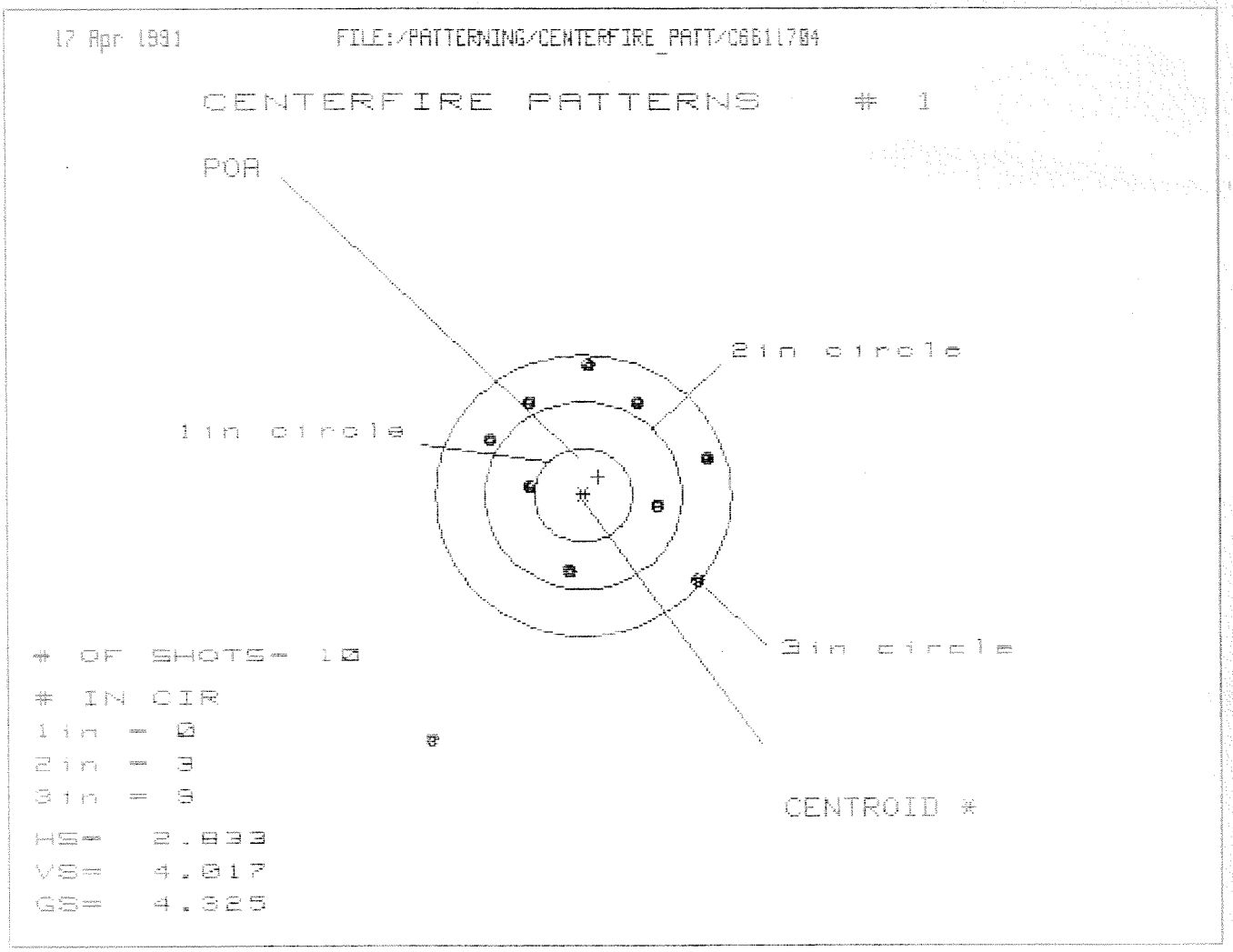
CENTROIDAL DISTANCES

0	TO	1	.249435
1	TO	2	.289458
1	TO	3	.272585
1	TO	4	.263372
1	TO	5	.332024

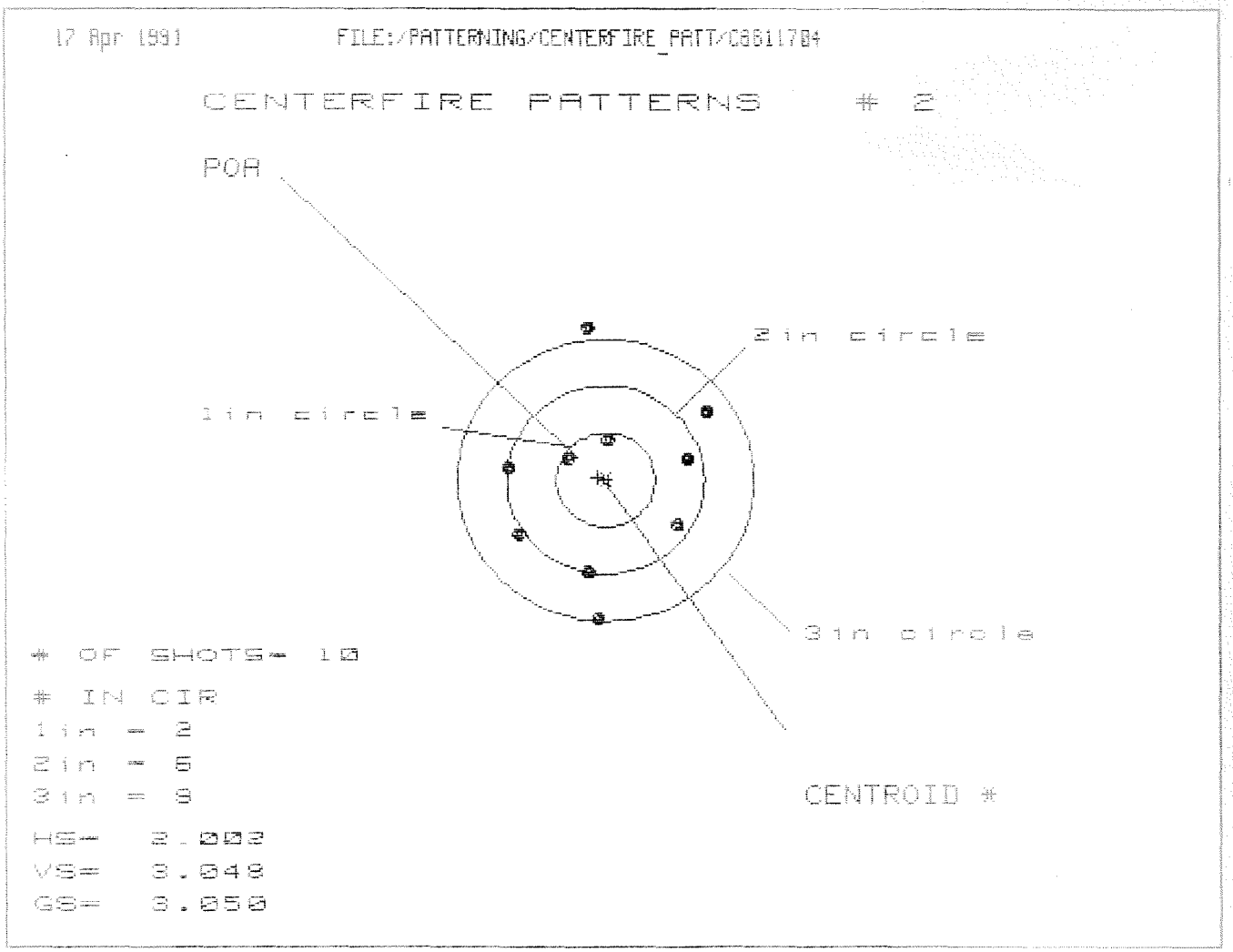
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0524
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1802
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .187664

THE AMR FOR THIS RIFLE IS: 1.026



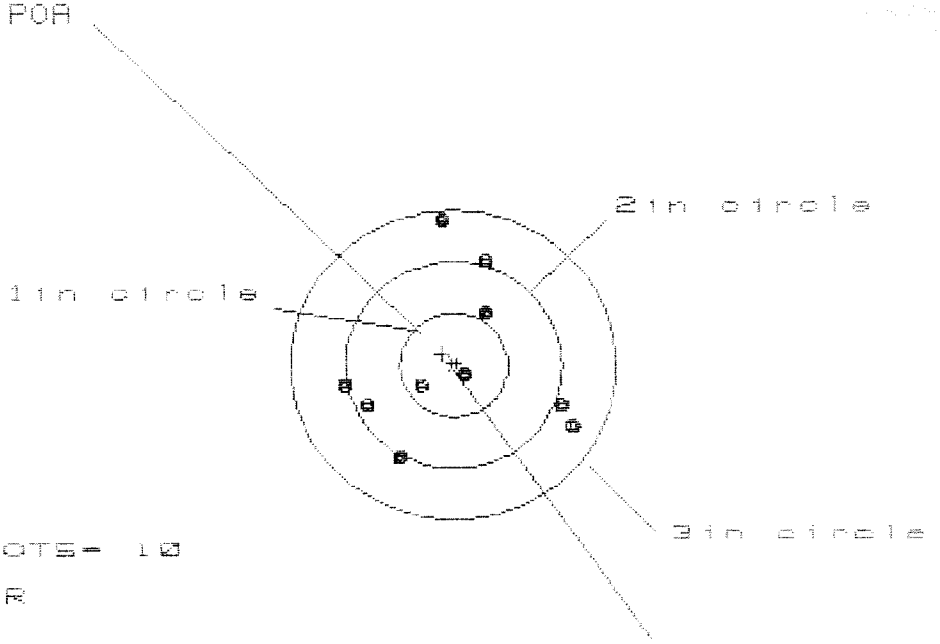
PATTERN #	:	[illegible]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.245	1.069	1.185
MINIMUM X	:	-1.588	-1.086	-.969
MAXIMUM Y	:	1.378	1.085	.932
MINIMUM Y	:	-2.639	-1.227	-1.222
CENTROID X	:	-.153	.023	-.093
CENTROID Y	:	-.197	.096	.249
POA TO CENTROID in.	:	.250	.099	.266
MIN RADIUS	:	.525	.672	.654
MEAN RADIUS	:	1.257	1.009	.920
MAX RADIUS	:	3.079	1.541	1.282
HORIZONTAL SPREAD	:	2.833	2.155	2.155
VERTICAL SPREAD	:	4.017	2.312	2.154
EXTREME SPREAD	:	4.325	2.564	2.170
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.041	1.018	1.001
MINIMUM X	:	-.961	-.984	-1.001
MAXIMUM Y	:	1.592	.922	.762
MINIMUM Y	:	-1.456	-1.279	-.926
CENTROID X	:	.082	.105	.122
CENTROID Y	:	-.028	-.205	-.046
POA TO CENTROID in.	:	.087	.231	.130
MIN RADIUS	:	.452	.595	.465
MEAN RADIUS	:	.992	.922	.858
MAX RADIUS	:	1.606	1.373	1.258
HORIZONTAL SPREAD	:	2.002	2.002	2.002
VERTICAL SPREAD	:	3.048	2.201	1.689
EXTREME SPREAD	:	3.050	2.483	2.299
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

17 Apr 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C661704

CENTERFIRE PATTERNS # 3

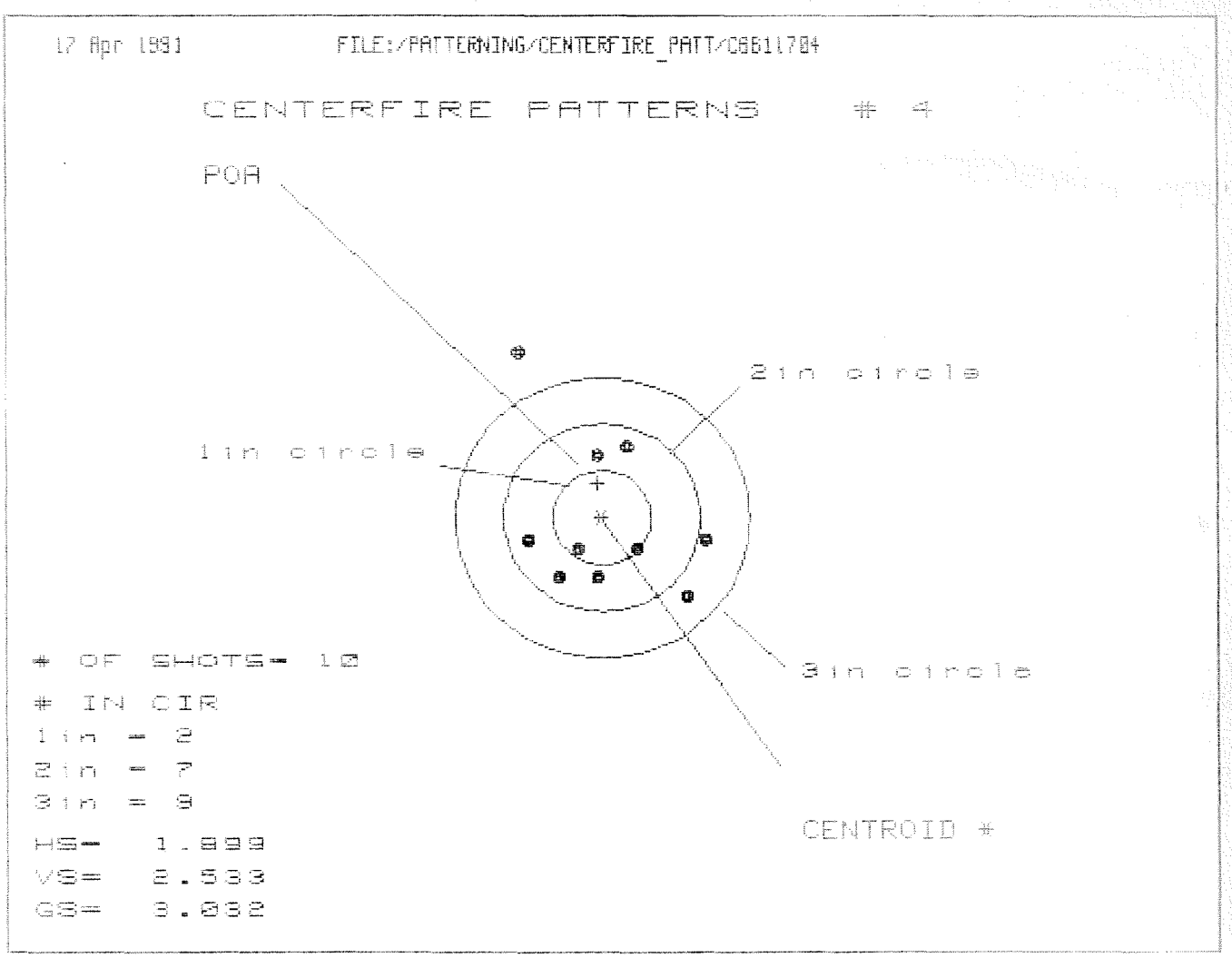


OF SHOTS= 10

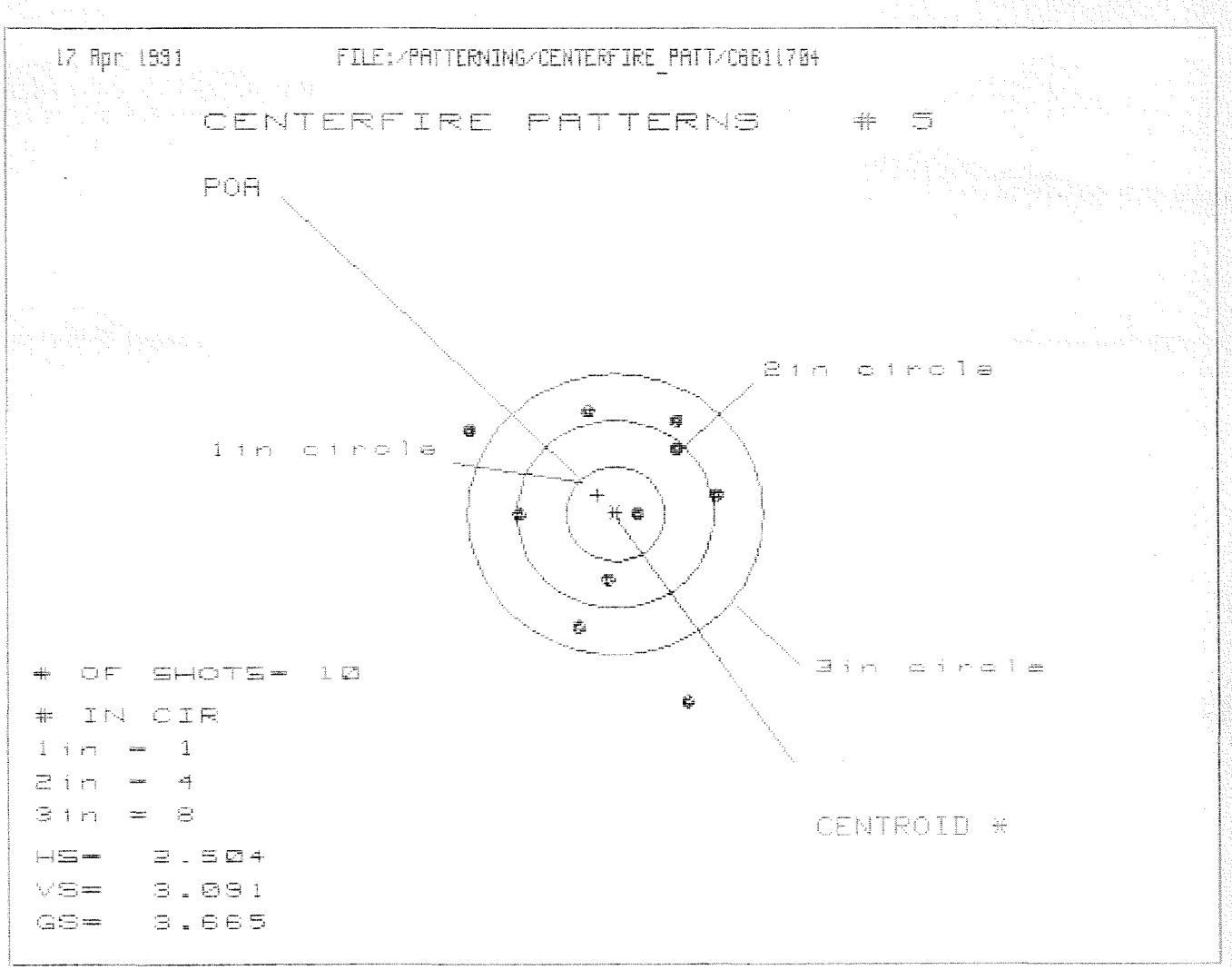
# IN CIR
1in = 2
2in = 4
3in = 10

HS= 2.069
VS= 2.302
GS= 2.373

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.065	1.051	1.131
MINIMUM X	:	-1.004	-1.018	-.887
MAXIMUM Y	:	1.418	1.149	1.089
MINIMUM Y	:	-.884	-.726	-.786
CENTROID X	:	.105	.119	-.012
CENTROID Y	:	-.109	-.267	-.207
POA TO CENTROID in.	:	.151	.292	.208
MIN RADIUS	:	.188	.115	.248
MEAN RADIUS	:	.893	.816	.764
MAX RADIUS	:	1.424	1.178	1.172
HORIZONTAL SPREAD	:	2.069	2.069	2.018
VERTICAL SPREAD	:	2.302	1.875	1.875
EXTREME SPREAD	:	2.373	2.116	2.043
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.038	.942	1.031
MINIMUM X	:	-.861	-.826	-.737
MAXIMUM Y	:	1.736	.982	.907
MINIMUM Y	:	-.797	-.604	-.550
CENTROID X	:	.049	.145	.056
CENTROID Y	:	-.366	-.559	-.484
POA TO CENTROID in.	:	.370	.578	.487
MIN RADIUS	:	.424	.256	.347
MEAN RADIUS	:	.871	.712	.683
MAX RADIUS	:	1.938	.991	1.043
HORIZONTAL SPREAD	:	1.899	1.768	1.768
VERTICAL SPREAD	:	2.533	1.586	1.457
EXTREME SPREAD	:	3.032	1.768	1.768
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.013	1.087	.910
MINIMUM X	:	-1.491	-1.417	-1.047
MAXIMUM Y	:	1.083	.860	.951
MINIMUM Y	:	-2.008	-1.400	-1.309
CENTROID X	:	.179	.105	.282
CENTROID Y	:	-.201	.022	-.069
POA TO CENTROID in.	:	.269	.107	.290
MIN RADIUS	:	.221	.393	.208
MEAN RADIUS	:	1.117	1.003	.898
MAX RADIUS	:	2.118	1.592	1.393
HORIZONTAL SPREAD	:	2.504	2.504	1.957
VERTICAL SPREAD	:	3.091	2.260	2.260
EXTREME SPREAD	:	3.665	2.607	2.363
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	