C661157

MODEL 700™ M24

Model SAS™

Action

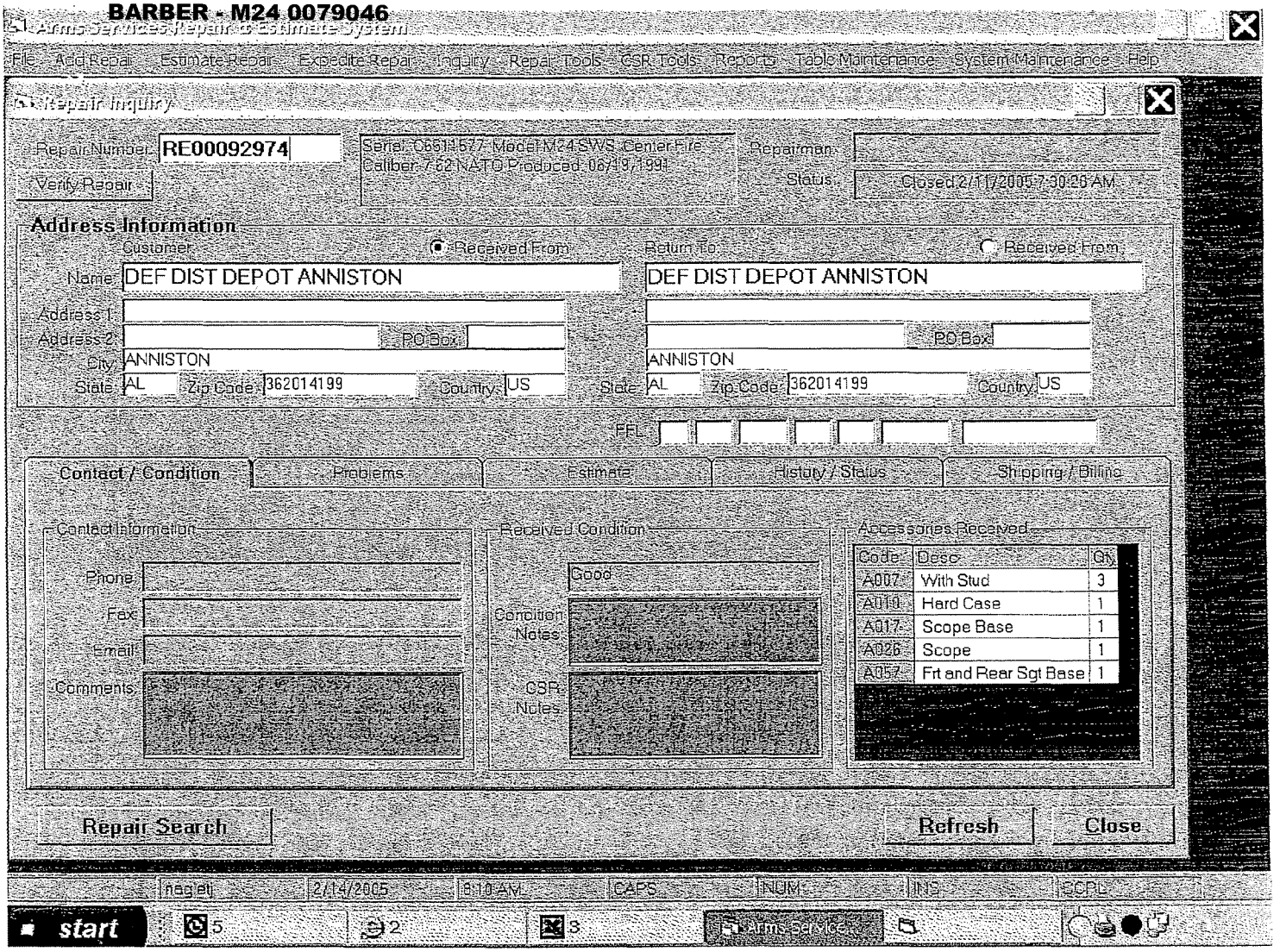
Barrel Length

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: RE00092974
Verify Repair
Serial: C6611577 Model:M24 SWS Center Fire Caliber:7.62 NATO Produced:06/19/1991
Repairman:
Status: Closed 2/11/2005 7:30:26 AM
Address Information
Customer
Received From
Name: DEF DIST DEPOT ANNISTON
Address 1:
Address 2:
PO Box:
City: ANNISTON
State: AL
Zip Code: 362014199
Country: US
Return To:
Received From:
DEF DIST DEPOT ANNISTON
PO Box:
ANNISTON
AL
362014199
US
FFL:
Contact / Condition
Problems
Estimate
History / Status
Shipping / Billing
Contact Information
Phone:
Fax:
Email:
Comments:
Received Condition
Good
Condition Notes:
CSR Notes:
Accessories Received
Code Desc Qty
A007 With Stud 3
A010 Hard Case 1
A017 Scope Base 1
A026 Scope 1
A057 Frt and Rear Sgt Base 1
Repair Search
Refresh
Close
2/14/2005
6:10 AM
CAPS
NUM
INS
SCRL
start


Serial Number:
C6611577
Model: M24 SWS
RE00092974

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

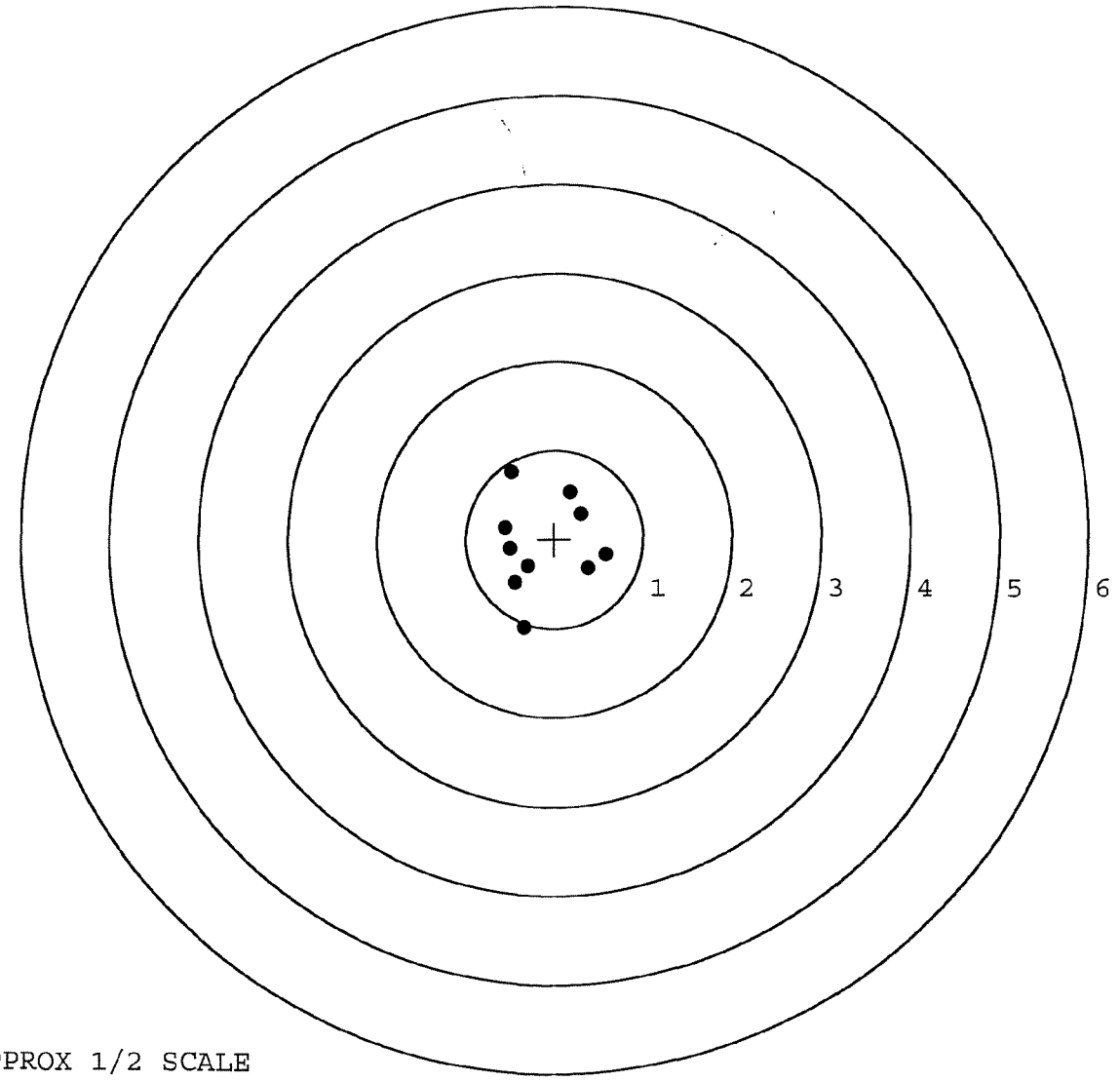
FIREARM SERIAL NUMBER / DATASET NAME: C6611577.__1
FILE DATE AND TIME: 04/28/2005 08:04

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.126
The Average Y Centroid of the Five Target Set:	0.014
The Average Point of Impact of the Five Target Set:	0.127
The Average Mean Radius of the Five Target Set:	0.637
The Distance from POA to Centroid Target #1:	0.140
The Distance from Centroid Target #2 to Centroid Target #1:	0.485
The Distance from Centroid Target #3 to Centroid Target #1:	0.222
The Distance from Centroid Target #4 to Centroid Target #1:	0.087
The Distance from Centroid Target #5 to Centroid Target #1:	0.226

SERIAL NUMBER:	C6611577.__1
TARGET NUMBER:	1
FILE DATE:	04/28/2005
FILE TIME:	08:04
X CENTROID:	-0.122
Y CENTROID:	-0.069
POA TO CENTROID:	0.140
HORZ SPREAD:	1.144
VERT SPREAD:	1.742
GROUP SPREAD:	1.748
MIN RADIUS:	0.295
MAX RADIUS:	0.946
MEAN RADIUS:	0.604
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.386	-0.333
2:	0.583	-0.175
3:	0.295	0.284
4:	0.177	0.531
5:	-0.493	0.755
6:	-0.561	0.130
7:	-0.503	-0.109
8:	-0.303	-0.302
9:	-0.451	-0.488
10:	-0.350	-0.987

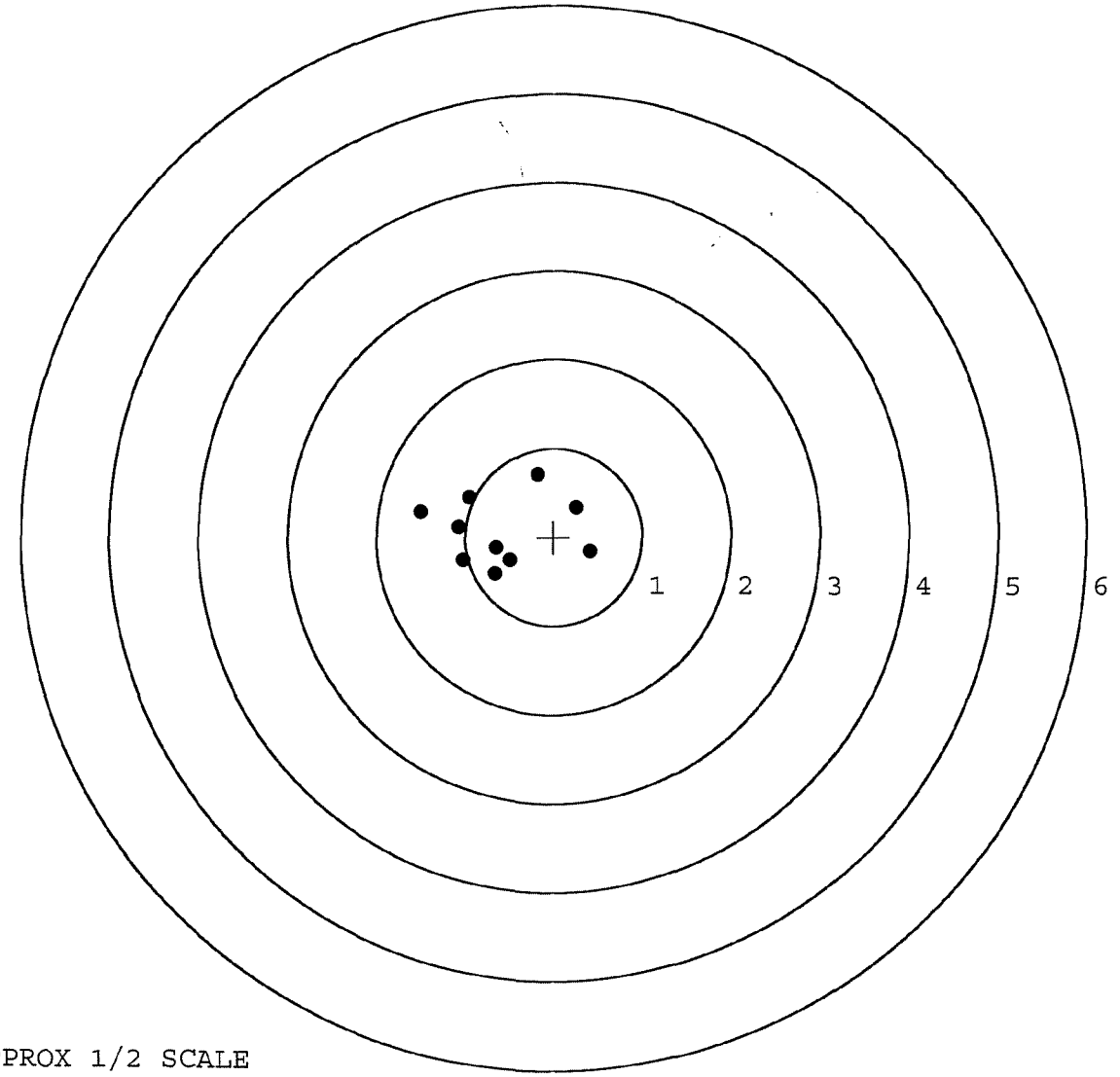


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611577.__1
TARGET NUMBER: 2
FILE DATE: 04/28/2005
FILE TIME: 08:04

X CENTROID:	-0.587
Y CENTROID:	0.067
POA TO CENTROID:	0.591
HORZ SPREAD:	1.921
VERT SPREAD:	1.128
GROUP SPREAD:	1.975
MIN RADIUS:	0.201
MAX RADIUS:	1.033
MEAN RADIUS:	0.623
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.496	-0.262
2:	-0.652	-0.123
3:	-0.663	-0.419
4:	-1.021	-0.261
5:	-1.079	0.116
6:	-1.501	0.293
7:	-0.955	0.449
8:	-0.181	0.709
9:	0.260	0.336
10:	0.420	-0.164

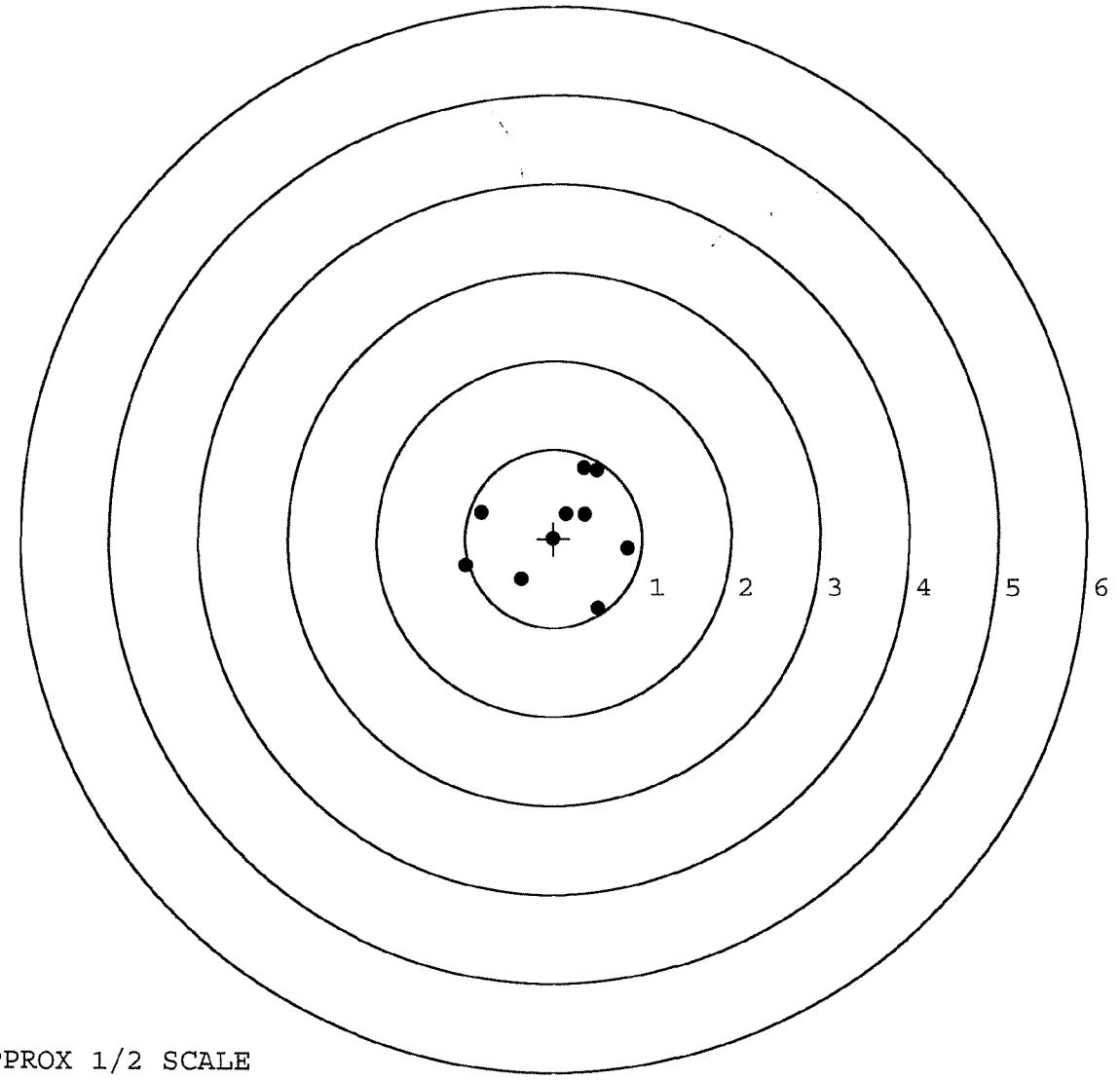


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611577.__1
TARGET NUMBER: 3
FILE DATE: 04/28/2005
FILE TIME: 08:04

X CENTROID:	0.047
Y CENTROID:	0.074
POA TO CENTROID:	0.087
HORZ SPREAD:	1.837
VERT SPREAD:	1.582
GROUP SPREAD:	1.846
MIN RADIUS:	0.091
MAX RADIUS:	1.109
MEAN RADIUS:	0.675
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.007	0.000
2:	-0.368	-0.454
3:	0.135	0.279
4:	0.349	0.268
5:	0.839	-0.114
6:	0.500	-0.793
7:	0.349	0.789
8:	-0.826	0.295
9:	-0.998	-0.297
10:	0.498	0.764

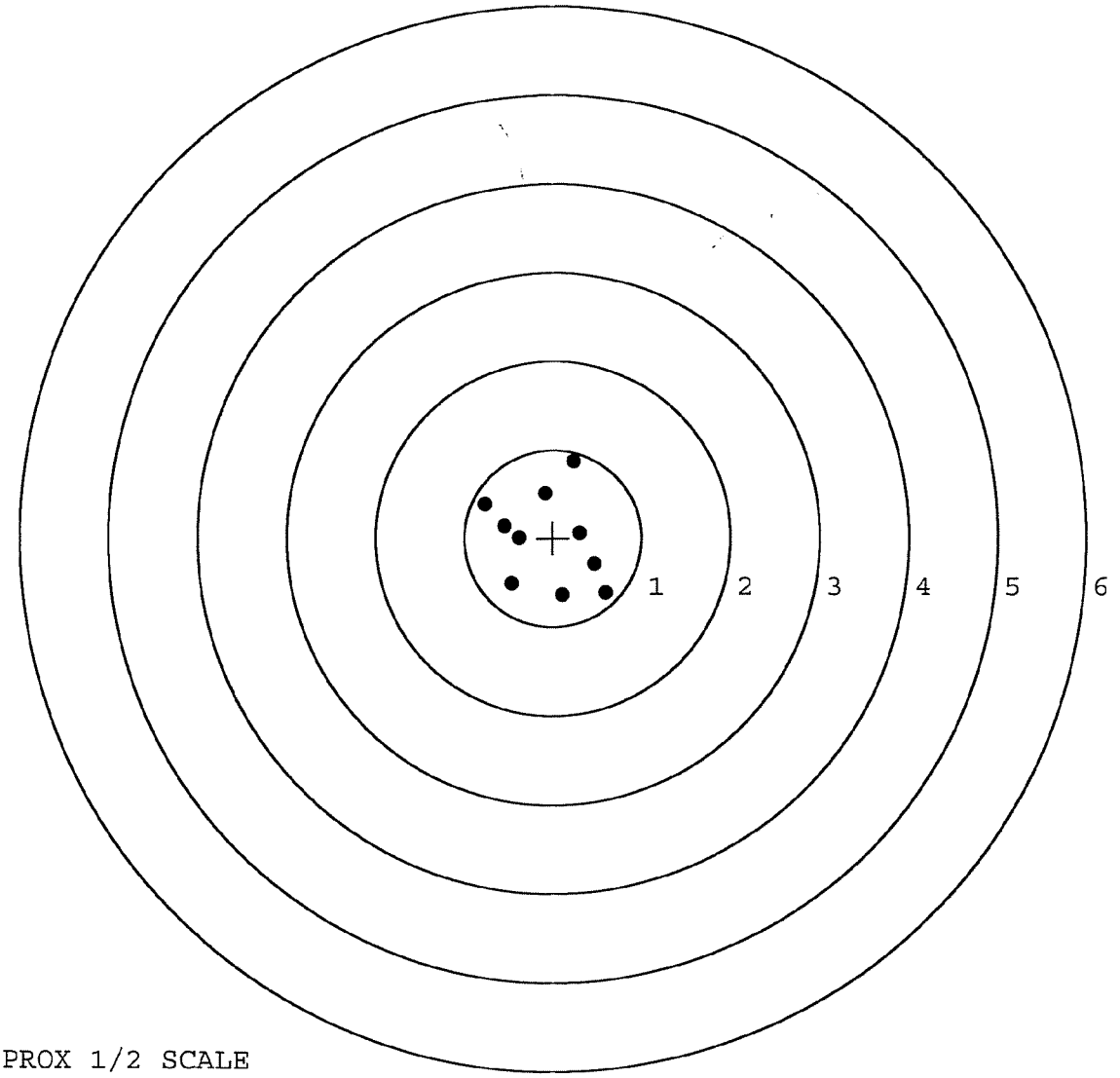


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611577.__1
TARGET NUMBER: 4
FILE DATE: 04/28/2005
FILE TIME: 08:04

X CENTROID:	-0.055
Y CENTROID:	-0.014
POA TO CENTROID:	0.057
HORZ SPREAD:	1.372
VERT SPREAD:	1.523
GROUP SPREAD:	1.554
MIN RADIUS:	0.330
MAX RADIUS:	0.932
MEAN RADIUS:	0.627
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.302	0.057
2:	0.471	-0.295
3:	0.600	-0.621
4:	0.110	-0.651
5:	-0.469	-0.514
6:	-0.385	-0.006
7:	-0.548	0.134
8:	-0.772	0.381
9:	-0.092	0.502
10:	0.234	0.872

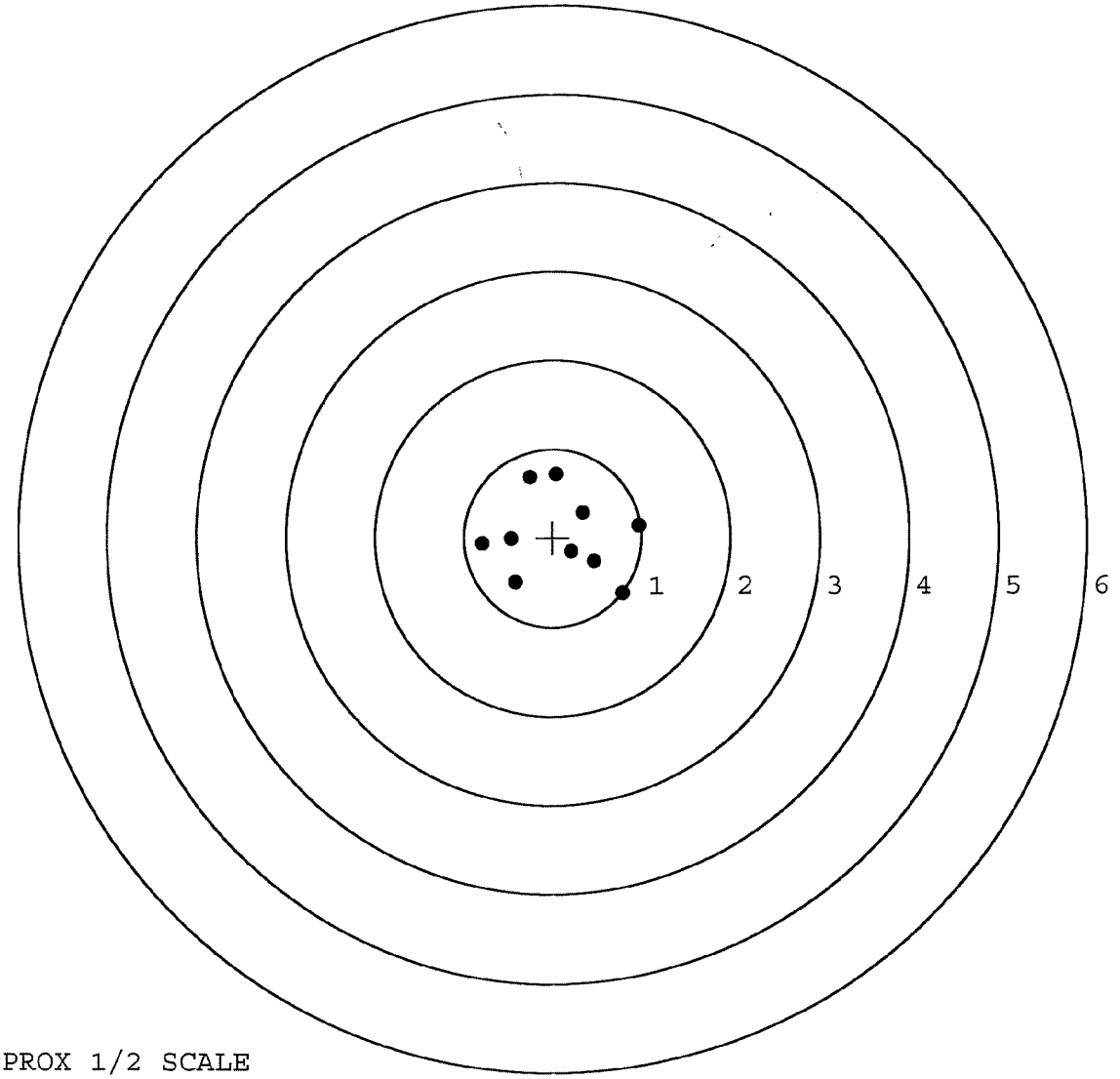


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611577.__1
TARGET NUMBER: 5
FILE DATE: 04/28/2005
FILE TIME: 08:04

X CENTROID:	0.088
Y CENTROID:	0.014
POA TO CENTROID:	0.089
HORZ SPREAD:	1.762
VERT SPREAD:	1.351
GROUP SPREAD:	1.687
MIN RADIUS:	0.213
MAX RADIUS:	0.958
MEAN RADIUS:	0.654
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

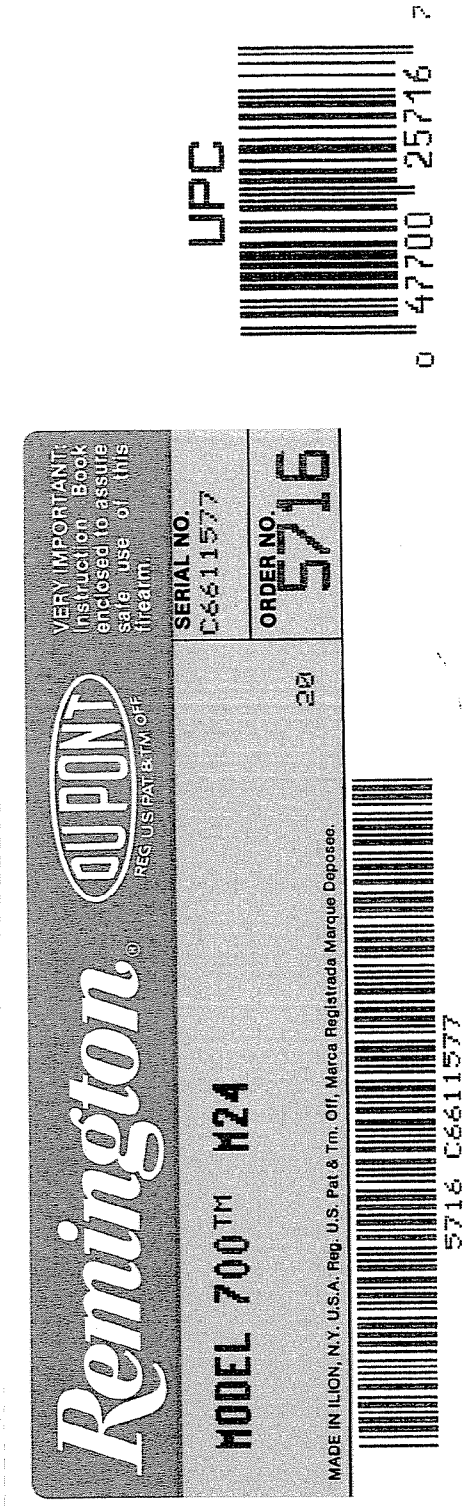
POINT#	X	Y
1:	0.209	-0.161
2:	0.470	-0.277
3:	0.791	-0.637
4:	0.967	0.133
5:	0.342	0.277
6:	0.044	0.714
7:	-0.259	0.684
8:	-0.795	-0.067
9:	-0.467	-0.019
10:	-0.424	-0.511



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	92974		
SERIAL NUMBER	C6611577		
LOG-IN DATE	2-11-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-18-05	RTL
560 A	RE-BARREL		
B	DRILL AND TAP		
575	ASSEMBLE		
600	PROOF		
605	CHECK HEADSPACE		
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	3-10-05	AC
D	SAFETY "OFF" FORCE	3-10-05	AC
E	FIRING PIN INDENT	3-10-05	AC
640	TARGET	2-21-05	AC
655	FINAL INSPECT	3-10-05	AC
660	PACK	3-14-05	QA
		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™ M24
SERIAL NO. C6611577
ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off., Marca Registrada Marque Deposee.
5716 C6611577
UPC
0 47700 25716

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611577

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	K.R
	Magnaflux Bolt		APR 2 1991	K R
615	Rollmark Caliber		APR 2 1991	GS
617	Drill and Tap Sight Holes		APR 5 1991	CB
618	Polish Barrel		APR 5 1991	CB
620	Apply Coatings (Barrel Action)		4-10-91	
	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		4/23/91	

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			4/23/91	DH
	G) Safety Off Force	4	4	4			4/23/91	DH
	H) Trigger Pull Test & Retainability						4/23/91	DH
	I) Firing Pin Indent	.023	.023	.023			4/23/91	DH
	J) Assemble Stock						4/30/91	RW
	K) Assemble Swivel Studs						5-1-91	DH
	L) Attach Front and Rear Sight Assemblies						4/30/91	RW
	M) Iron Sight Alignment						4/30/91	RW
	N) Detach Front & Rear Sights & place in numbered container						4/30/91	RW
	O) Attach Scope to Rifle						4/30/91	RW
	P) Detach & Attach Scope 20 Times						4/30/91	RW
640	Gallery Target & Test						4-30-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clearity of Scope						"	AF
645	Inspect for Live Ammo						4-30-91	AF
655	Final Inspection A) Headspace						5-1-91	DH
	B) Trigger Pull	2.26	2.16	2.19	2.18	2.20	5/10/91	DH
	C) Function						5-1-91	DH
660	Pack						6-18-91	AF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6611577

DATE 4/23/91

TESTER

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.23	2.41	2.33	2.26	MIN. SETTING,
PULL #2	2.26	2.34	2.30	2.16	NO AVG. OF 5
PULL #3	2.20	2.37	2.46	2.19	READINGS ACCEPT-
PULL #4	2.55	2.27	2.40	2.18	ABLE LESS THAN 2#
PULL #5	2.41	2.43	2.42	2.20	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.51	3.22		
PULL #2	3.56	3.23		
PULL #3	3.30	3.32		
PULL #4	3.37	3.20		
PULL #5	3.19	3.21		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.22	4.58		4.34
PULL #2	4.31	4.46		4.39
PULL #3	4.22	4.44		4.41
PULL #4	4.31	4.48		4.45
PULL #5	4.53	4.56		4.59
TOTAL				
AVG.				

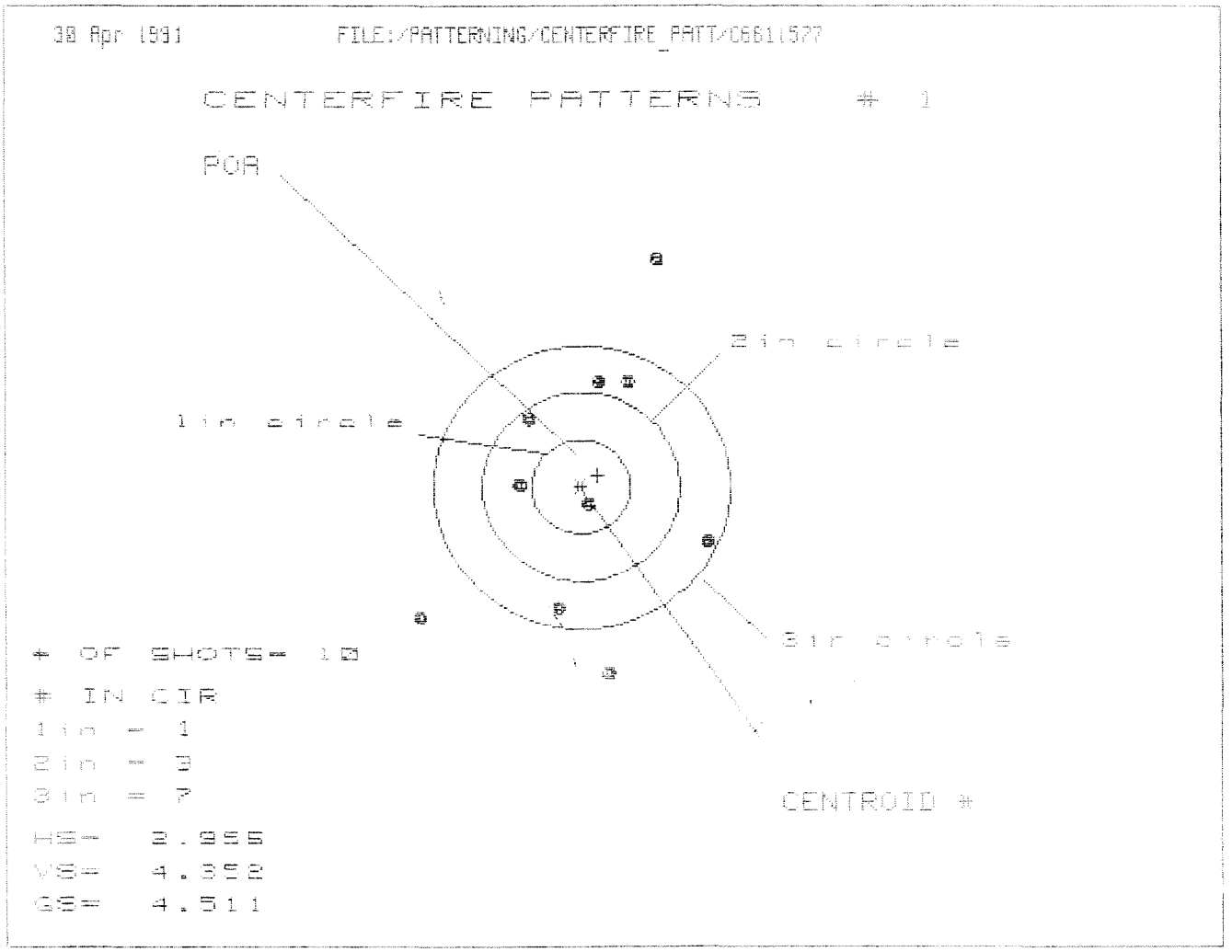
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611577
30 Apr 1991

CENTROIDAL DISTANCES

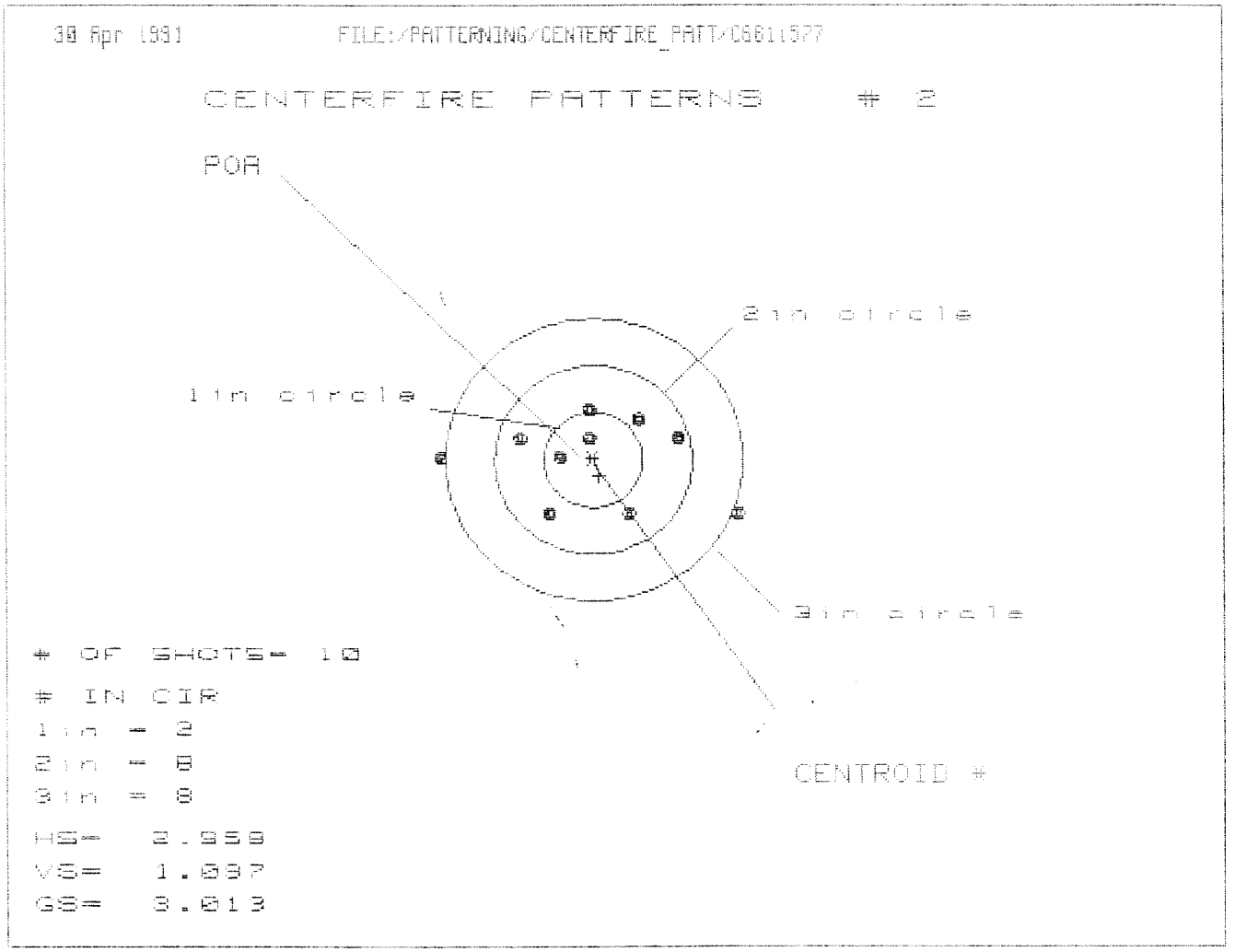
0	TO	1	.208435
1	TO	2	.309011
1	TO	3	.221382
1	TO	4	.289389
1	TO	5	.461108

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0258
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0502
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0564418

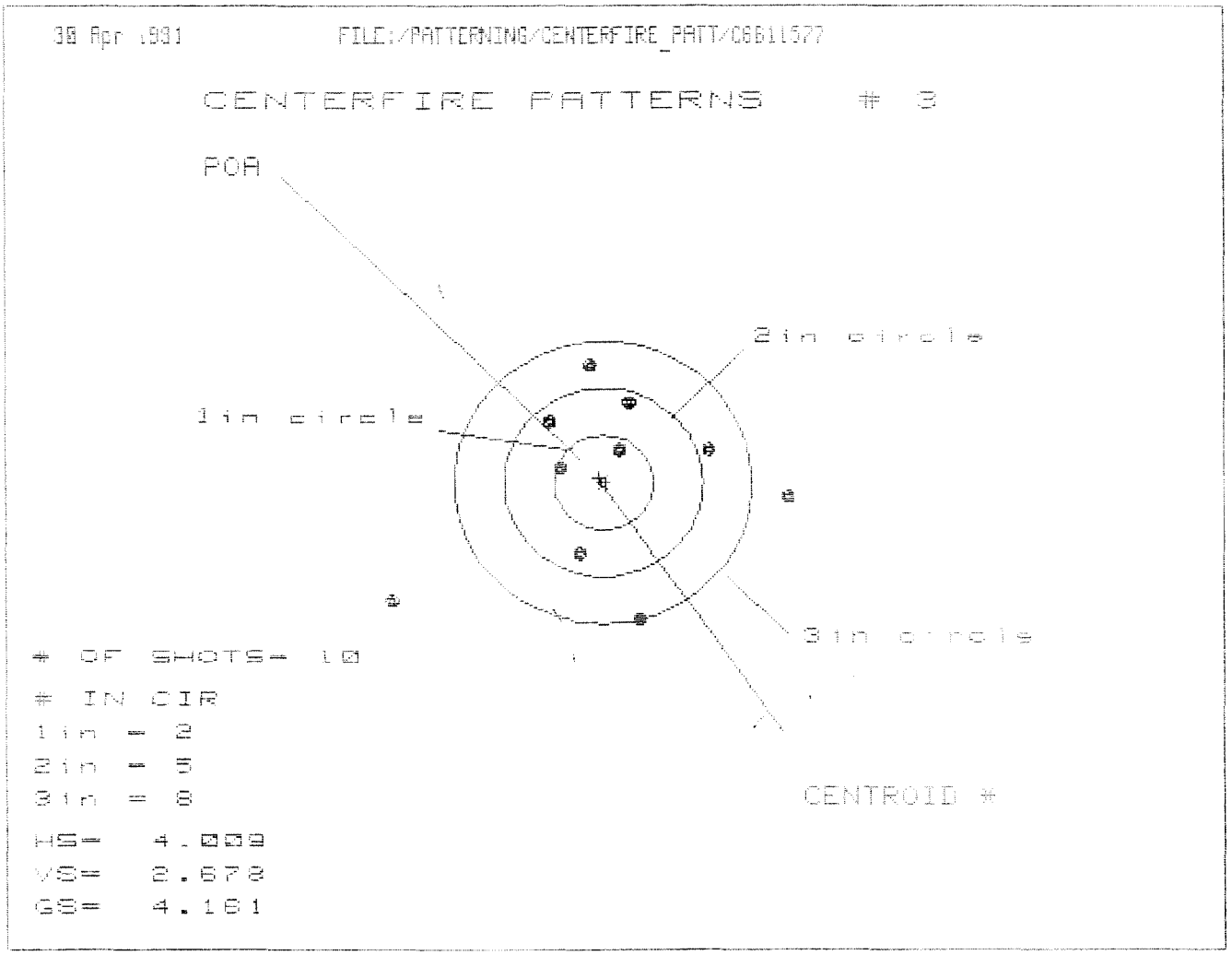
THE AMP FOR THIS RIFLE IS: 1.123



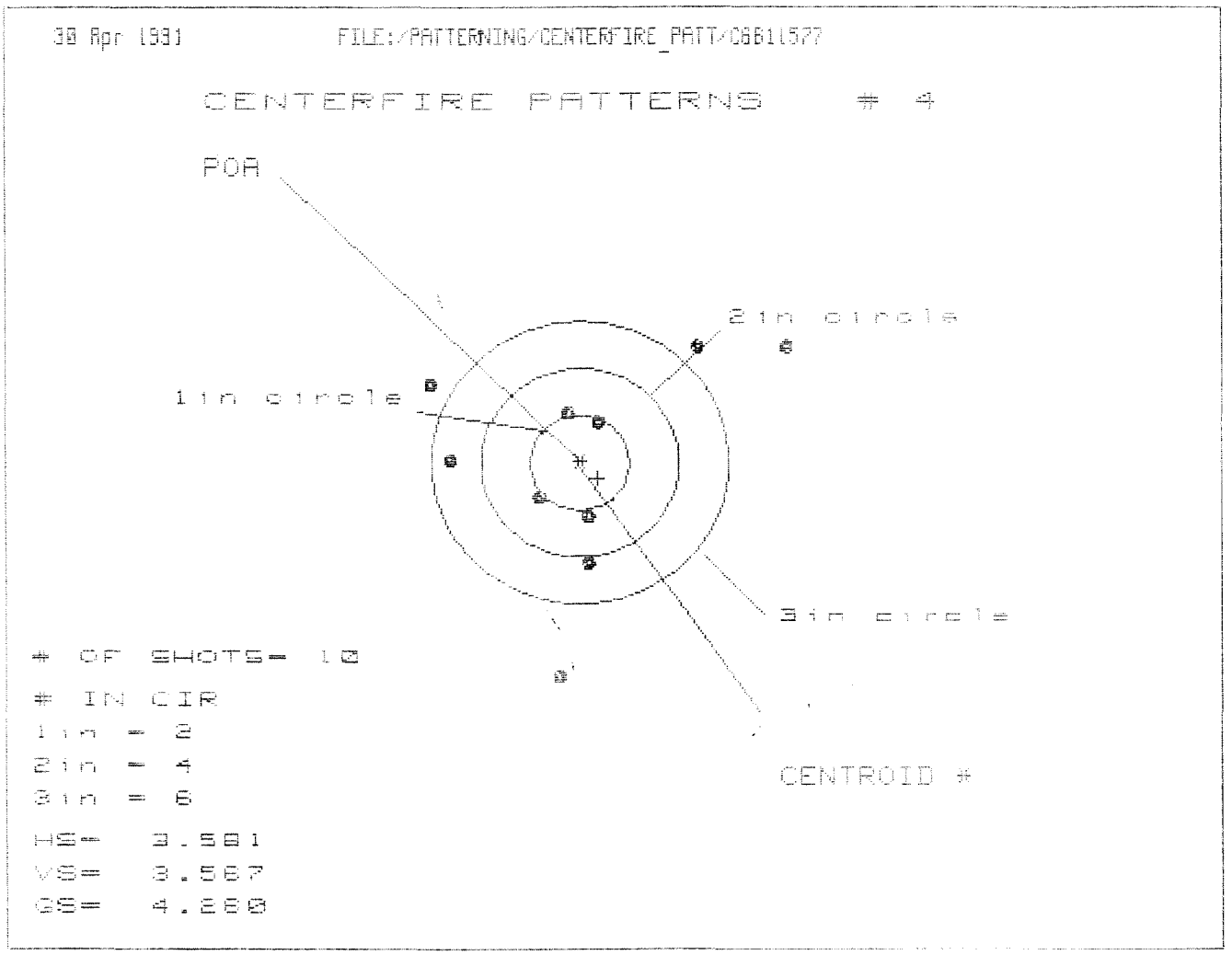
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.294	1.385	1.188
MINIMUM X	:	-1.662	-1.571	-.772
MAXIMUM Y	:	2.414	1.383	1.247
MINIMUM Y	:	-1.938	-1.670	-1.806
CENTROID X	:	-.169	-.260	-.063
CENTROID Y	:	-.122	-.390	-.254
POA TO CENTROID in.	:	.209	.469	.262
MIN RADIUS	:	.237	.211	.077
MEAN RADIUS	:	1.354	1.215	1.100
MAX RADIUS	:	2.547	1.912	1.812
HORIZONTAL SPREAD	:	2.956	2.956	1.960
VERTICAL SPREAD	:	4.352	3.053	3.053
EXTREME SPREAD	:	4.511	3.289	3.063
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	



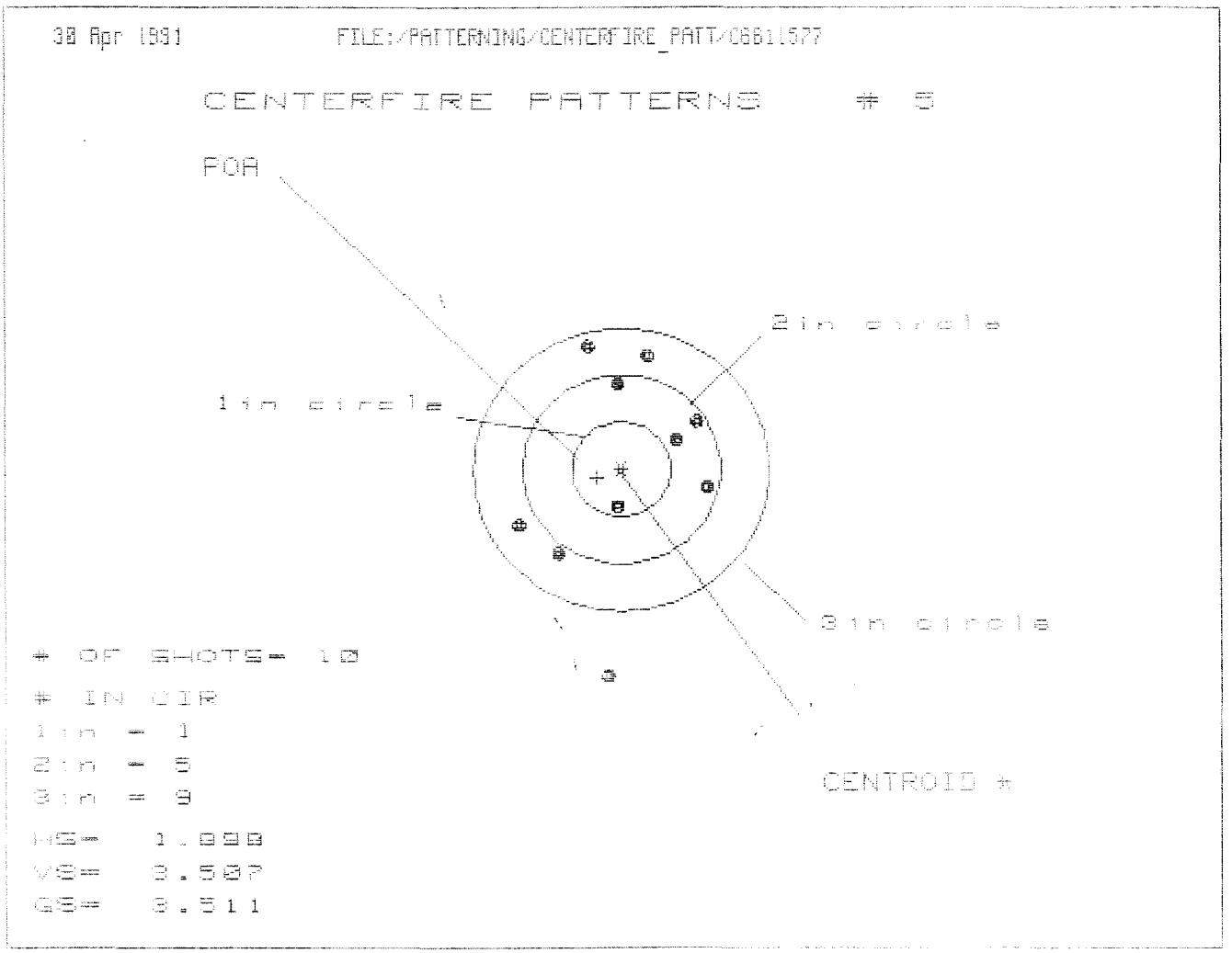
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.414	1.243	.826
MINIMUM X	:	-1.543	-.925	-.770
MAXIMUM Y	:	.520	.522	.454
MINIMUM Y	:	-.577	-.575	-.643
CENTROID X	:	-.057	.114	-.041
CENTROID Y	:	.166	.164	.232
POA TO CENTROID in.	:	.176	.199	.235
MIN RADIUS	:	.193	.268	.130
MEAN RADIUS	:	.778	.697	.577
MAX RADIUS	:	1.544	1.357	.835
HORIZONTAL SPREAD	:	2.958	2.168	1.596
VERTICAL SPREAD	:	1.097	1.097	1.097
EXTREME SPREAD	:	3.013	2.318	1.598
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	8		



PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.822	1.578	.980
MINIMUM X	:	-2.187	-.809	-.611
MAXIMUM Y	:	1.277	1.139	1.106
MINIMUM Y	:	-1.401	-1.539	-1.572
CENTROID X	:	.040	.283	.085
CENTROID Y	:	-.049	.089	.122
POA TO CENTROID in.	:	.063	.296	.149
MIN RADIUS	:	.363	.198	.185
MEAN RADIUS	:	1.146	.964	.851
MAX RADIUS	:	2.514	1.601	1.598
HORIZONTAL SPREAD	:	4.009	2.388	1.596
VERTICAL SPREAD	:	2.678	2.678	2.678
EXTREME SPREAD	:	4.161	2.728	2.728
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.065	1.370	1.366
MINIMUM X	:	-1.516	-1.286	-1.280
MAXIMUM Y	:	1.264	1.374	1.103
MINIMUM Y	:	-2.303	-2.162	-1.175
CENTROID X	:	-.184	-.414	-.410
CENTROID Y	:	.167	.026	.296
POA TO CENTROID in.	:	.249	.415	.506
MIN RADIUS	:	.496	.272	.391
MEAN RADIUS	:	1.265	1.111	.973
MAX RADIUS	:	2.422	2.162	1.756
HORIZONTAL SPREAD	:	3.581	2.656	2.656
VERTICAL SPREAD	:	3.567	3.536	2.278
EXTREME SPREAD	:	4.260	3.805	2.787
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.848	.828	.781
MINIMUM X	:	-1.050	-1.070	-1.117
MAXIMUM Y	:	1.358	1.119	1.119
MINIMUM Y	:	-2.149	-1.160	-1.020
CENTROID X	:	.241	.261	.308
CENTROID Y	:	.089	.328	.188
POA TO CENTROID in.	:	.257	.419	.361
MIN RADIUS	:	.418	.503	.497
MEAN RADIUS	:	1.074	.925	.883
MAX RADIUS	:	2.157	1.349	1.308
HORIZONTAL SPREAD	:	1.898	1.898	1.898
VERTICAL SPREAD	:	3.507	2.279	2.139
EXTREME SPREAD	:	3.511	2.321	2.321
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	