C6349113

MODEL 700™ M24

Model SWS ™

Action

Barrel Length

Capacity

Order No. 5716

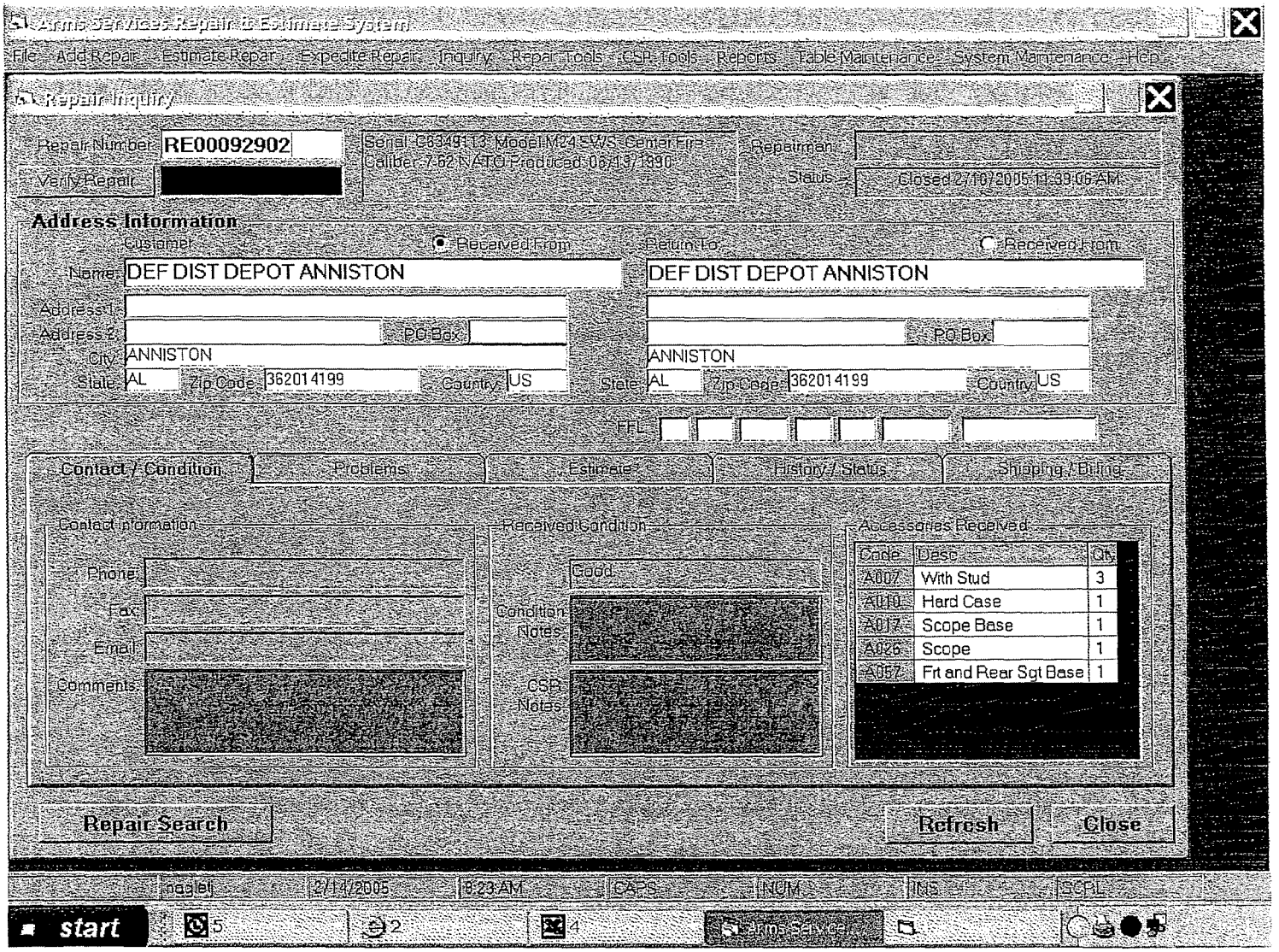
*Includes 1 in chamber.

Remington

Smead®

M2400108099

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON



Serial Number: C6349113

Model: M24 SWS

RE00092902

AVERAGE PULL FORCE BETWEEN INITIAL & CYCLE TESTS
2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO. _____

DATE 7-7-05

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.19	2.92		2.64	
PULL #2	2.68	2.72		2.50	
PULL #3	2.88	2.86		2.35	
PULL #4	2.79	2.60		2.54	
PULL #5	2.78	2.58		2.64	
TOTAL	13.32	13.68		12.67	
AVERAGE	2.66	2.73		2.53	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.07	3.36		
PULL #2	3.45	3.22		
PULL #3	3.32	3.16		
PULL #4	3.41	3.39		
PULL #5	3.13	3.16		
TOTAL	16.38	16.29		
AVERAGE	3.27	3.25		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.12	4.35		4.58
PULL #2	4.33	4.43		4.18
PULL #3	4.44	4.01		4.17
PULL #4	4.57	4.42		4.24
PULL #5	4.35	4.42		4.30
TOTAL	21.81	21.63		21.47
AVERAGE	4.36	4.32		4.29

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349113.__0
FILE DATE AND TIME: 07/18/2005 09:03

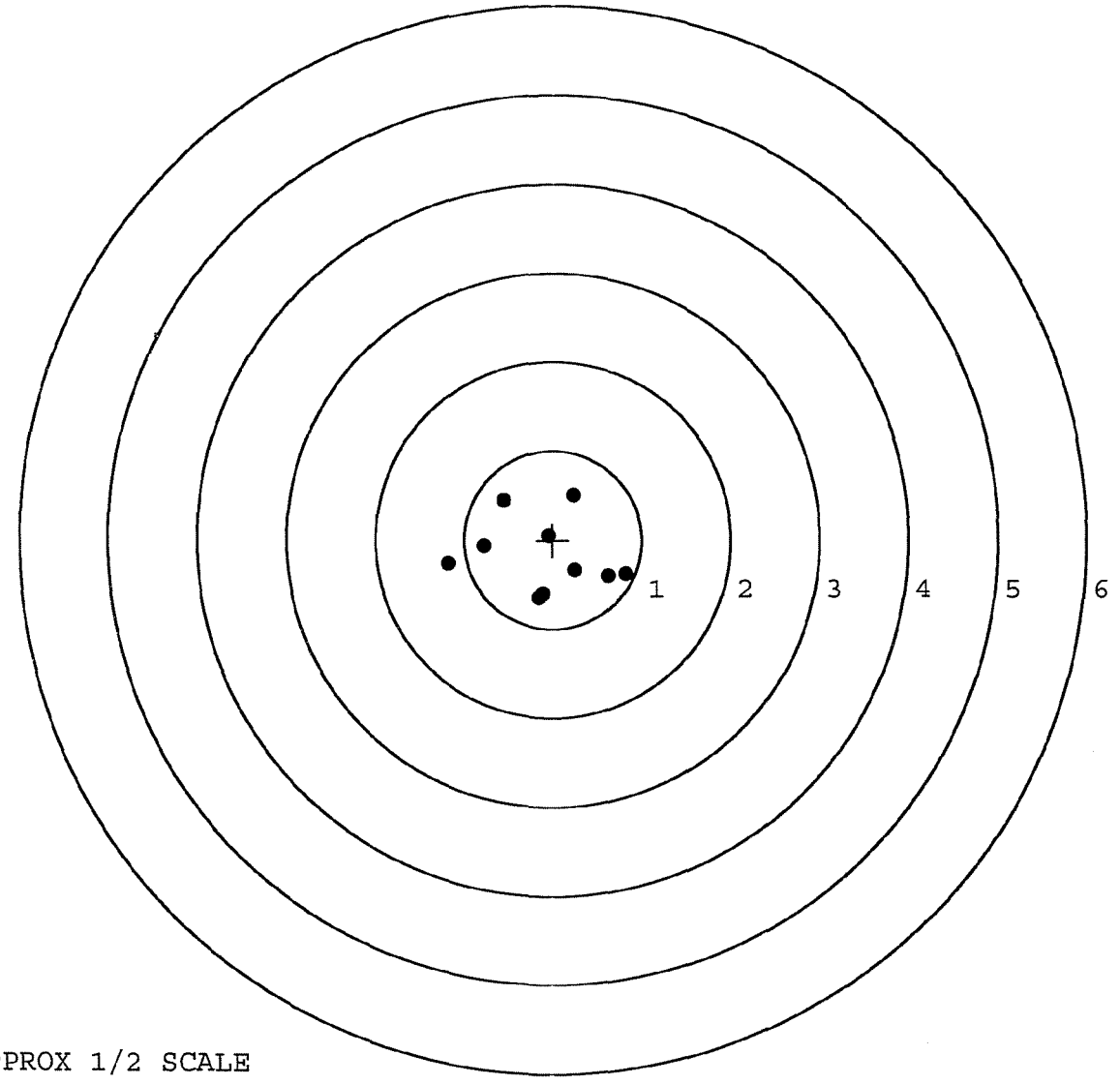
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.006
The Average Y Centroid of the Five Target Set:	-0.082
The Average Point of Impact of the Five Target Set:	0.082
The Average Mean Radius of the Five Target Set:	0.834
The Distance from POA to Centroid Target #1:	0.195
The Distance from Centroid Target #2 to Centroid Target #1:	0.076
The Distance from Centroid Target #3 to Centroid Target #1:	0.110
The Distance from Centroid Target #4 to Centroid Target #1:	0.368
The Distance from Centroid Target #5 to Centroid Target #1:	0.170

SERIAL NUMBER: C6349113.__0
TARGET NUMBER: 1
FILE DATE: 07/18/2005
FILE TIME: 09:03

X CENTROID:	-0.089
Y CENTROID:	-0.174
POA TO CENTROID:	0.195
HORZ SPREAD:	2.011
VERT SPREAD:	1.157
GROUP SPREAD:	2.014
MIN RADIUS:	0.227
MAX RADIUS:	1.101
MEAN RADIUS:	0.655
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.109	-0.613
2:	0.253	-0.344
3:	-0.050	0.050
4:	0.240	0.500
5:	-0.556	0.446
6:	-0.777	-0.067
7:	-1.185	-0.270
8:	-0.154	-0.657
9:	0.626	-0.404
10:	0.826	-0.381

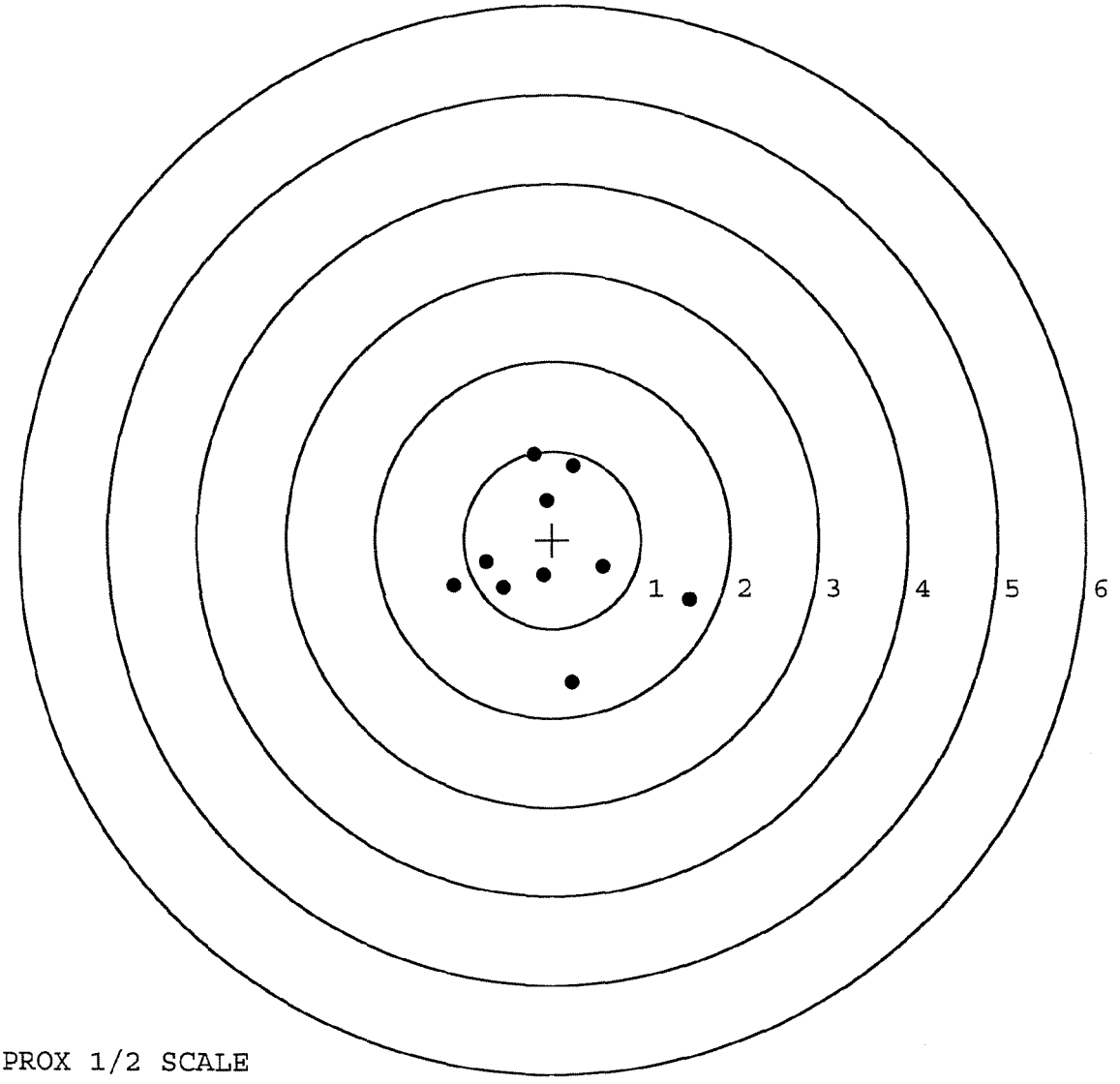


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349113.__0
TARGET NUMBER: 2
FILE DATE: 07/18/2005
FILE TIME: 09:03

X CENTROID:	-0.021
Y CENTROID:	-0.210
POA TO CENTROID:	0.211
HORZ SPREAD:	2.665
VERT SPREAD:	2.574
GROUP SPREAD:	2.670
MIN RADIUS:	0.211
MAX RADIUS:	1.636
MEAN RADIUS:	0.929
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.208	0.962
2:	-0.071	0.442
3:	0.238	0.832
4:	0.573	-0.311
5:	1.547	-0.675
6:	0.229	-1.612
7:	-0.101	-0.405
8:	-0.556	-0.551
9:	-0.747	-0.258
10:	-1.118	-0.520

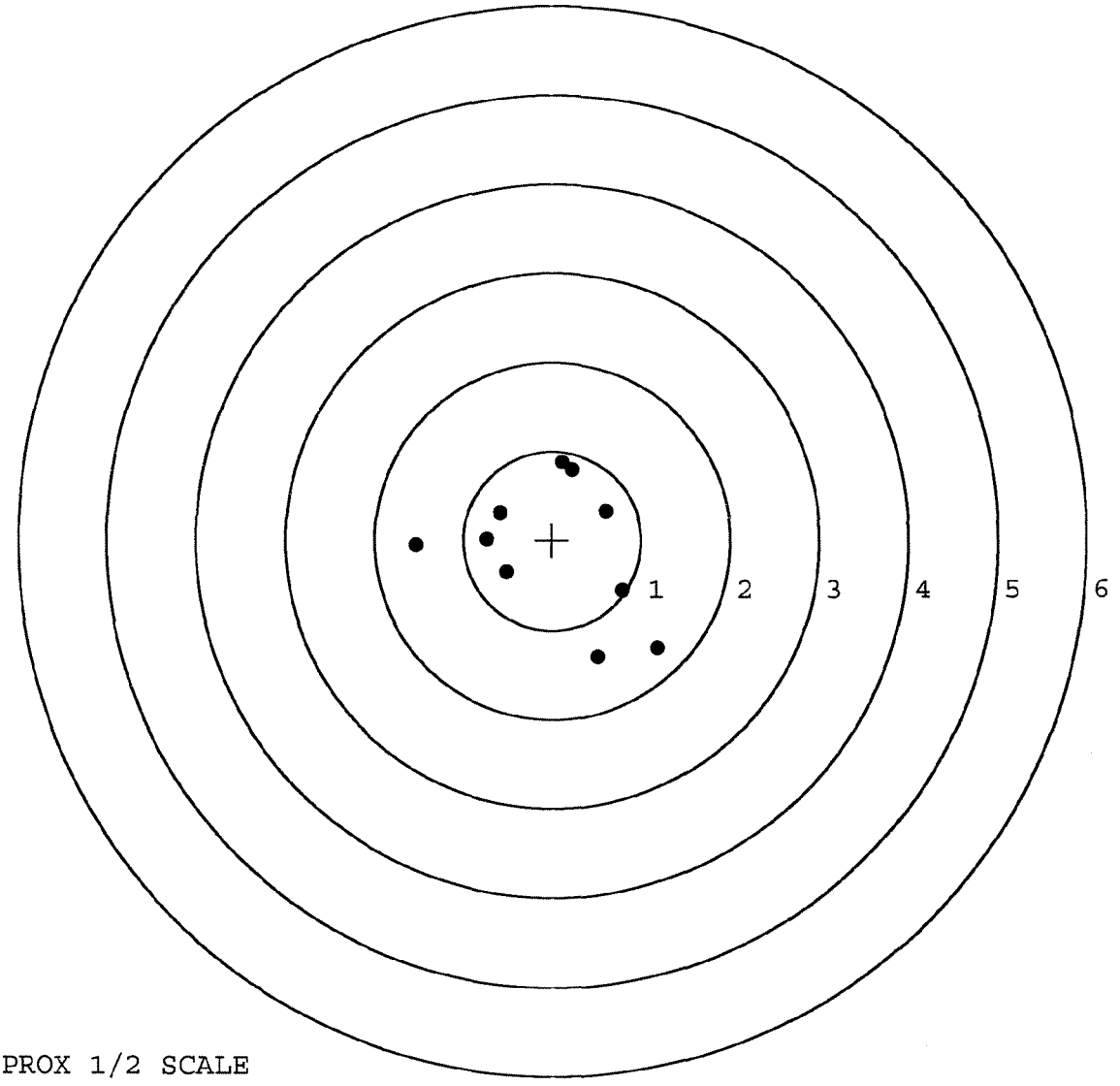


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349113.__0
TARGET NUMBER: 3
FILE DATE: 07/18/2005
FILE TIME: 09:03

X CENTROID:	0.006
Y CENTROID:	-0.117
POA TO CENTROID:	0.117
HORZ SPREAD:	2.719
VERT SPREAD:	2.184
GROUP SPREAD:	2.952
MIN RADIUS:	0.575
MAX RADIUS:	1.606
MEAN RADIUS:	1.008
# IN 1 IN DIAMETER:	0
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	0.114	0.879
2:	0.229	0.793
3:	0.601	0.325
4:	0.787	-0.566
5:	0.514	-1.305
6:	1.185	-1.207
7:	-0.516	-0.359
8:	-0.734	0.016
9:	-0.590	0.313
10:	-1.534	-0.058

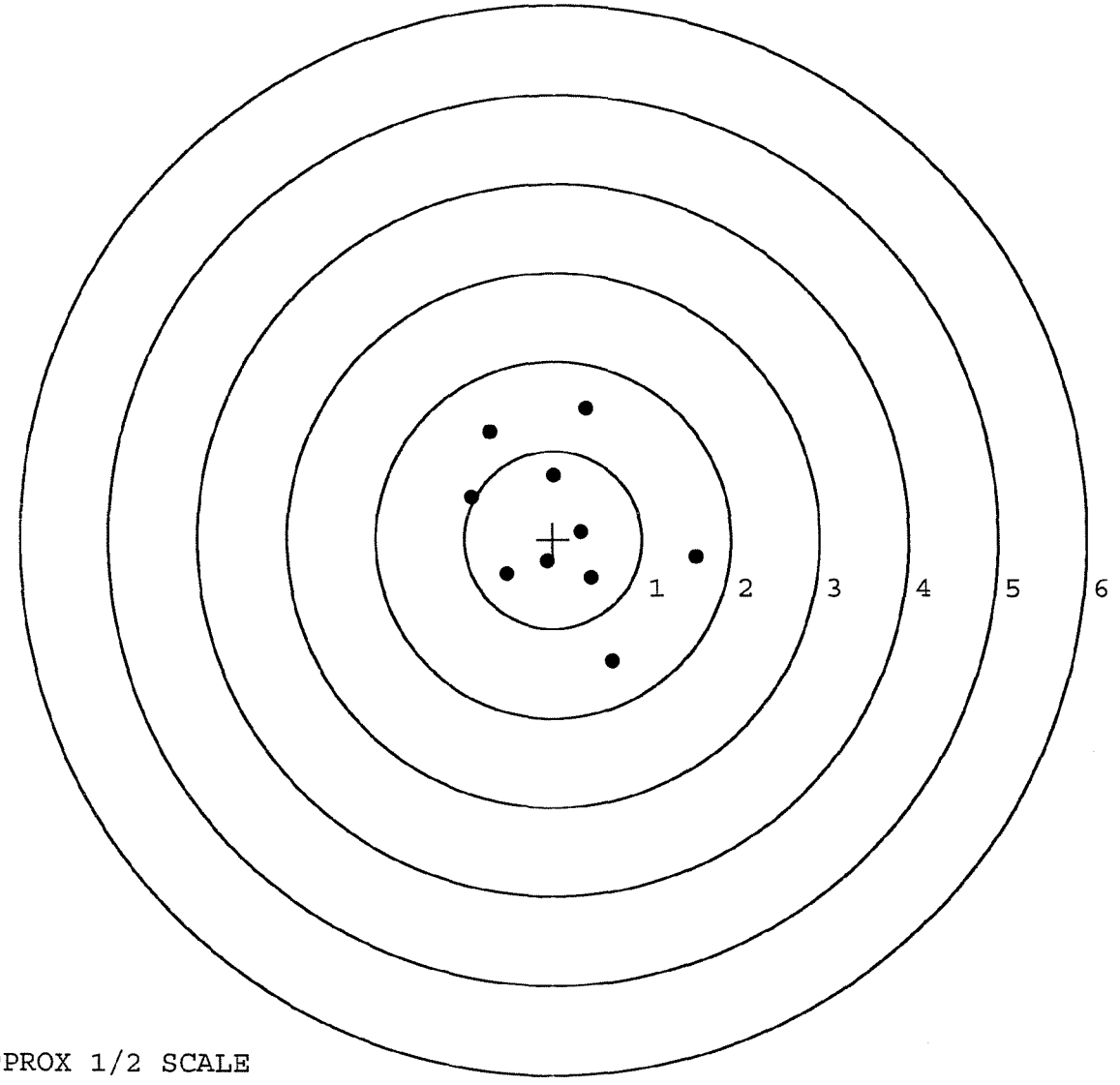


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349113.__0
TARGET NUMBER: 4
FILE DATE: 07/18/2005
FILE TIME: 09:03

X CENTROID:	0.115
Y CENTROID:	0.132
POA TO CENTROID:	0.175
HORZ SPREAD:	2.532
VERT SPREAD:	2.830
GROUP SPREAD:	2.924
MIN RADIUS:	0.205
MAX RADIUS:	1.594
MEAN RADIUS:	0.966
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	0.371	1.468
2:	-0.722	1.209
3:	-0.922	0.479
4:	-0.003	0.721
5:	0.314	0.083
6:	-0.073	-0.250
7:	-0.526	-0.398
8:	0.432	-0.436
9:	1.610	-0.194
10:	0.670	-1.362

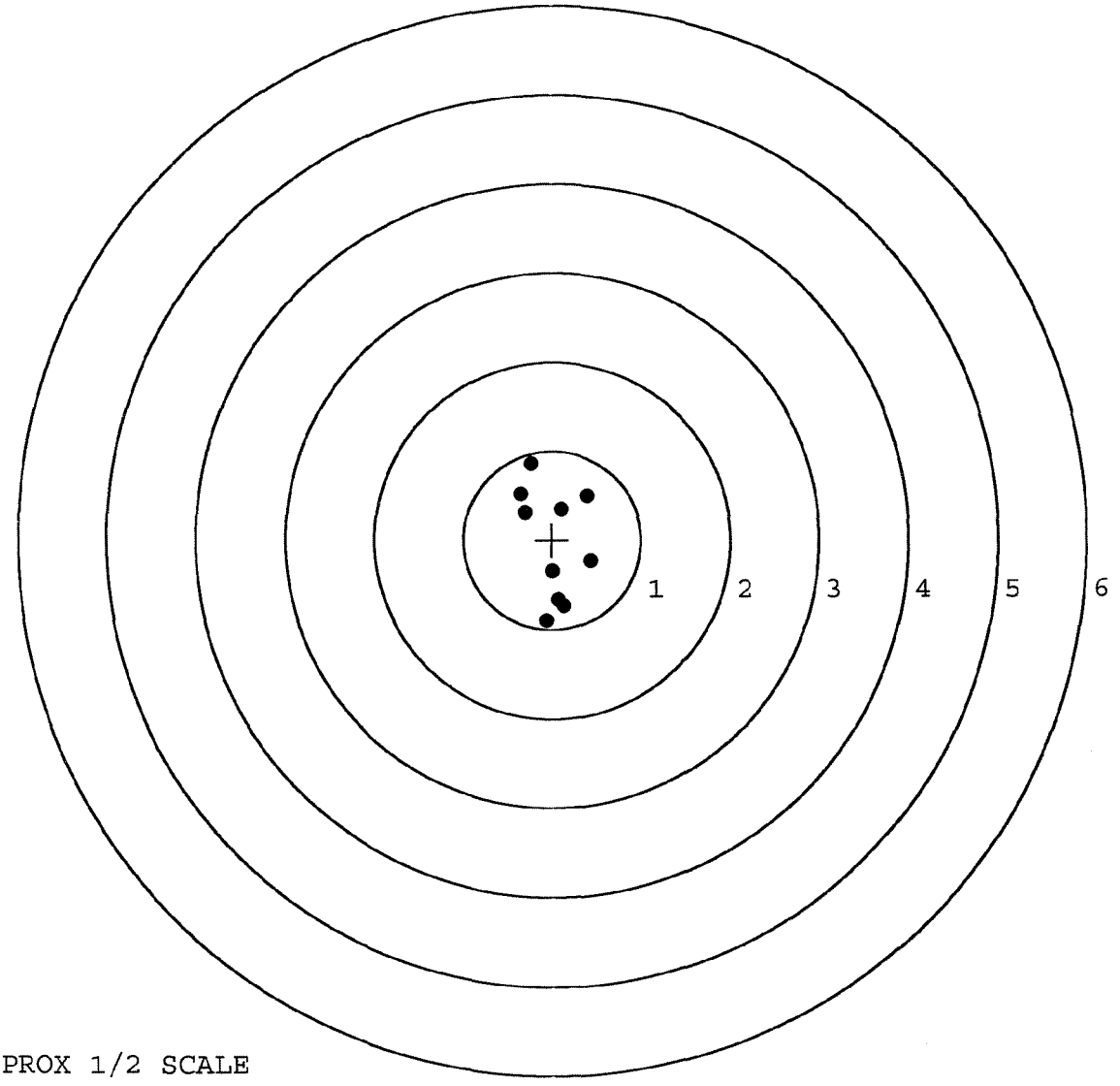


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349113.__0
TARGET NUMBER: 5
FILE DATE: 07/18/2005
FILE TIME: 09:03

X CENTROID:	0.017
Y CENTROID:	-0.041
POA TO CENTROID:	0.044
HORZ SPREAD:	0.792
VERT SPREAD:	1.770
GROUP SPREAD:	1.778
MIN RADIUS:	0.319
MAX RADIUS:	0.933
MEAN RADIUS:	0.614
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.236	0.857
2:	-0.355	0.515
3:	-0.309	0.312
4:	0.105	0.340
5:	0.398	0.497
6:	0.437	-0.236
7:	0.001	-0.359
8:	0.071	-0.674
9:	0.129	-0.746
10:	-0.068	-0.913

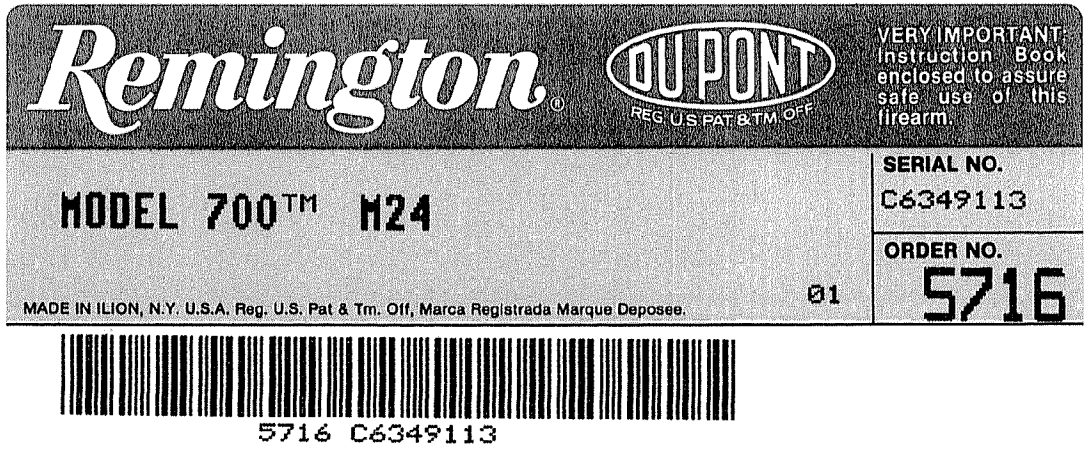


TARGET APPROX 1/2 SCALE

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

R.& E NUMBER	92902		
SERIAL NUMBER	C6349113		
LOG-IN DATE	2-10-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	6-1-05	RTL
560 A	RE-BARREL	6-6-05	RTL
B	DRILL AND TAP	6-8-05	TRW
575	ASSEMBLE	6-6-05	RTL
600	PROOF	6-7-05	AC
605	CHECK HEADSPACE	6-7-05	AC
610	DIS-ASSEMBLE GUN	6-7-05	RTL
612	MAGNAFLUX OPERATOR	6/9/05	[illegible]
615	ROLLMARK CALIBER	6-9-05	CW
618	ROTO-BLAST	6-10-05	LB
620	APPLY COATINGS	6-13-05	WT
625 A	FINAL ASSEMBLY	7-7-05	RTL
B	TRIGGER PULL TEST	8-8-05	AC
C	SAFETY "ON" FORCE	8-8-05	AC
D	SAFETY "OFF" FORCE	8-8-05	AC
E	FIRING PIN INDENT	8-8-05	AC
640	TARGET	7-18-05	TRW
655	FINAL INSPECT	8-8-05	AC
660	PACK	9-6-05	DM
		SHIP DATE	
	QAR INSPECTION DATE		

MAGNA-FLUX INSPECTED JUN 07 2005



25

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349113

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 31	90	RW
600	Proof	3 31	90	RW
607	Check Headspace	3 31	90	RW
610	Dis-assemble Gun	3 1	90	RW
612	Magnaflux Barrel Action	4-2-90		KCR
	Magnaflux Bolt	4-2-90		KCR
615	Rollmark Caliber	4-2-90		GL
617	Drill and Tap Sight Holes		4/4/90	RB
618	Polish Barrel RB		4/5/90	WB
620	Apply Coatings (Barrel Action)		4-9-90	TH
	Apply Coating (Bolt)			TH
625	Final Assembly A) Clean inside of Bolt Assembly		4/18/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/18/90	RW
	C) Inspect Ejector Hole for Chamfer		4/18/90	RW
	D) Oil Firing Pin Ass'y		4/18/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/23/90	RW

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			4/23/90	JH
	G) Safety Off Force	3	3	3			4/23/90	JH
	H) Trigger Pull Test & Retainability						4/23/90	JH
	I) Firing Pin Indent	.022	.022	.022			4/23/90	JH
	J) Assemble Stock						4/25/90	RW
	K) Assemble Swivel Studs						4/30/90	WB
	L) Attach Front and Rear Sight Assemblies						4/25/90	RW
	M) Iron Sight Alignment						4/25/90	RW
	N) Detach Front & Rear Sights & place in numbered container						4/25/90	RW
	O) Attach Scope to Rifle						4/25/90	JH
	P) Detach & Attach Scope 20 Times						4/25/90	JH
640	Gallery Target & Test						4-25-90	DH
	A) Time						4-25-90	DH
	B) Malfunctions						4-25-90	DH
	C) Pierced Primers						4-25-90	DH
	D) Optical Clearity of Scope						4-25-90	DH
645	Inspect for Live Ammo						4-25-90	DH
655	Final Inspection A) Headspace						4/30/90	WB
	B) Trigger Pull	2.46	2.51	2.55	2.52	2.52	4/26/90	WB
	C) Function						4/30/90	WB
660	Pack						6/19/90	DH

SWS TRIGGER PULL TEST

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

SERIAL NO. C6349113

DATE 4/23/90

TESTER JR

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.26	2.33	2.15	2.46	MIN. SETTING,
PULL #2	2.19	2.25	2.23	2.51	NO AVG. OF 5
PULL #3	2.31	2.28	2.22	2.55	READINGS ACCEPT-
PULL #4	2.25	2.33	2.25	2.52	ABLE LESS THAN 2#
PULL #5	2.21	2.43	2.30	2.52	
TOTAL	11.22	11.62	11.15		
AVG.	2.244	2.324	2.23		

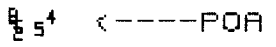
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.36	3.40		
PULL #2	3.26	3.39		
PULL #3	3.32	3.39		
PULL #4	3.30	3.39		
PULL #5	3.33	3.29		
TOTAL	16.57	16.86		
AVG.	3.314	3.372		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.47	4.39		4.31
PULL #2	4.53	4.40		4.23
PULL #3	4.40	4.42		4.25
PULL #4	4.49	4.44		4.24
PULL #5	4.40	4.41		4.25
TOTAL	22.19	22.06		21.28
AVG.	4.438	4.412		4.256

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349113
25 Apr 1990

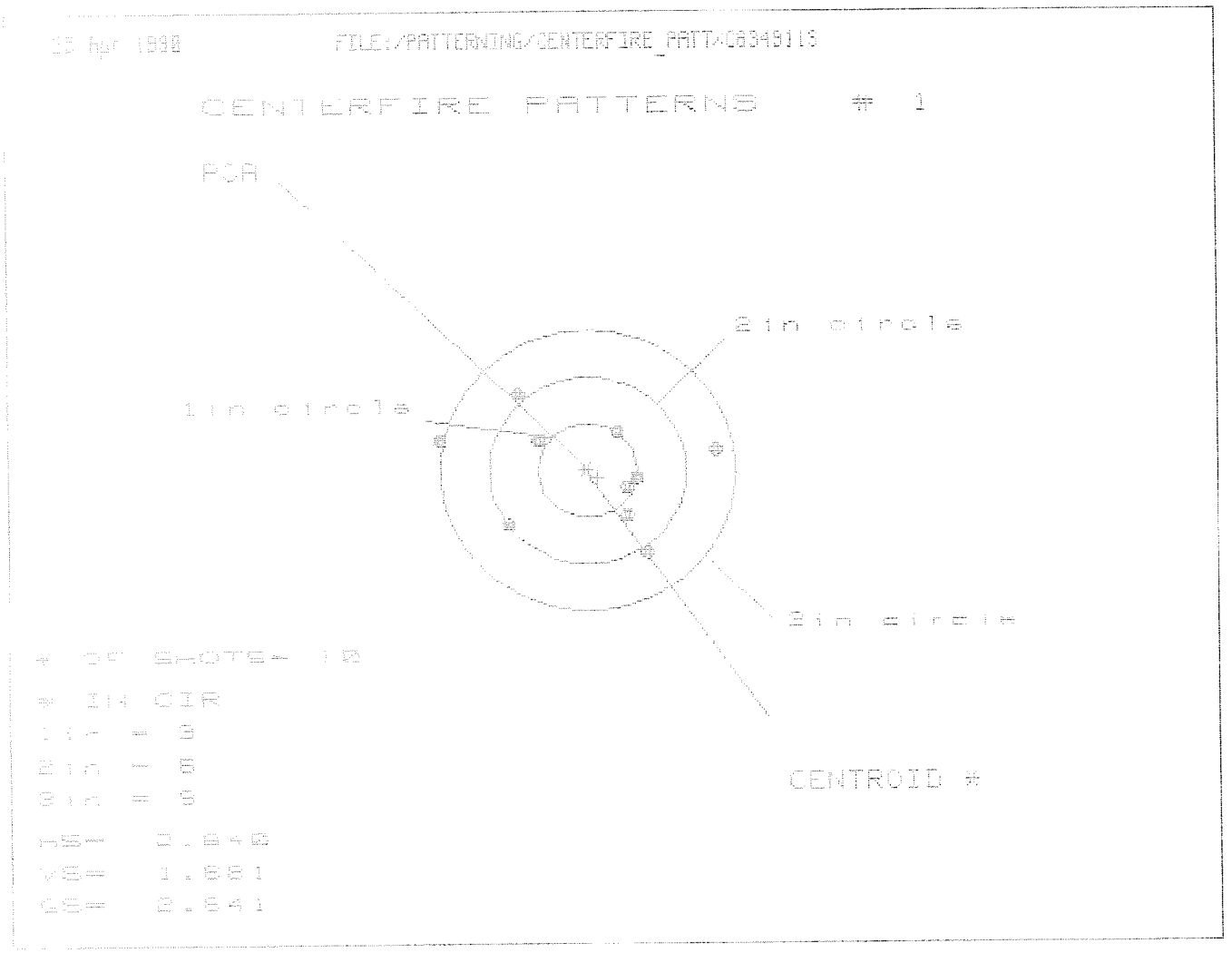
CENTROIDAL DISTANCES

0	TO	1	.125252
1	TO	2	.314925
1	TO	3	.065
1	TO	4	.761129
1	TO	5	.589804

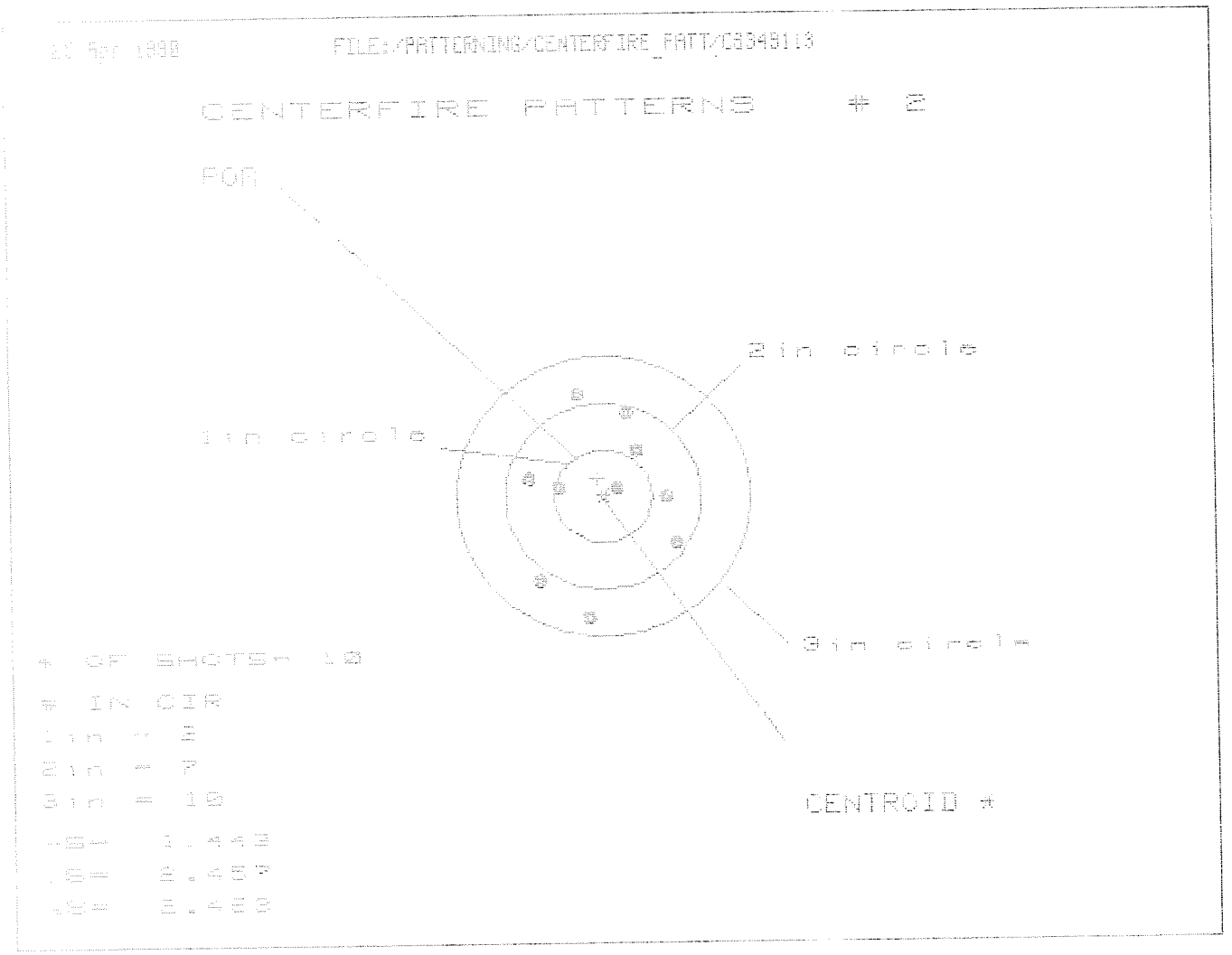


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .206
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0086
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .206179

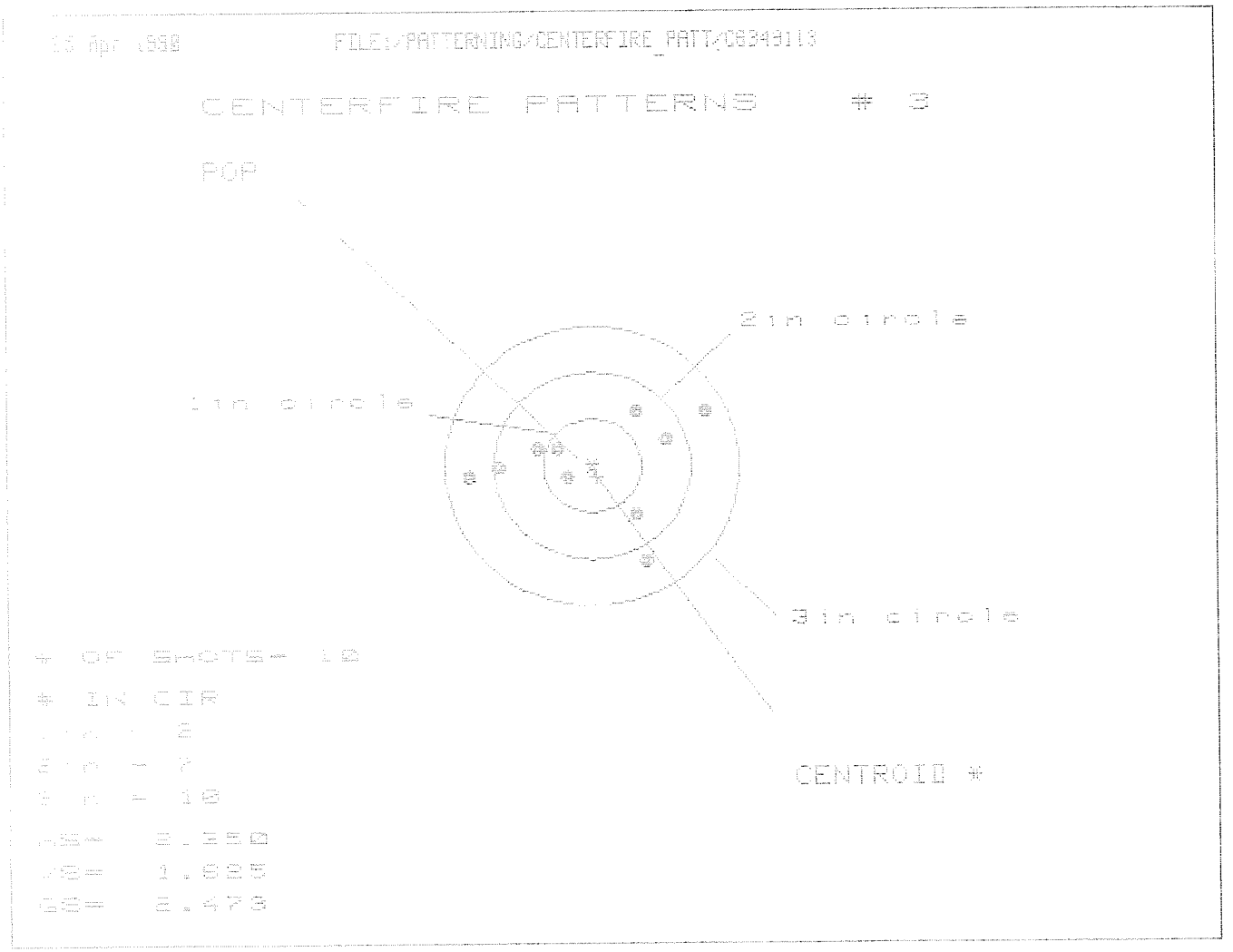
THE AMR FOR THIS RIFLE IS: .8622



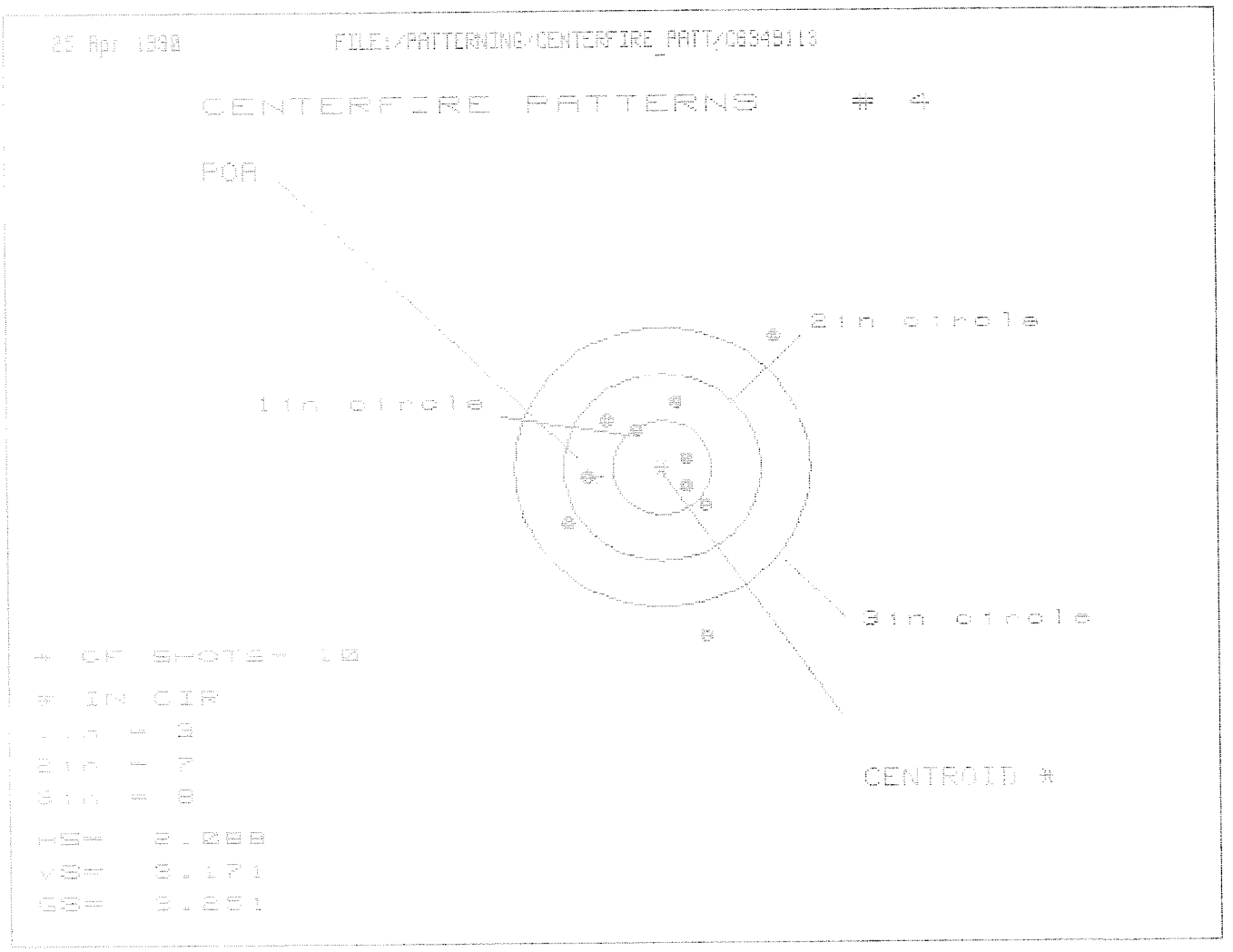
PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	6
MAXIMUM X	:	1.300	1.129	.610
MINIMUM X	:	-1.540	-.939	-.790
MAXIMUM Y	:	.849	.880	.906
MINIMUM Y	:	-.833	-.801	-.773
CENTROID X	:	-.098	.073	-.066
CENTROID Y	:	.078	.046	.018
POA TO CENTROID in.	:	.125	.086	.071
MIN RADIUS	:	.455	.282	.416
MEAN RADIUS	:	.853	.735	.700
MAX RADIUS	:	1.565	1.218	1.147
HORIZONTAL SPREAD	:	2.840	2.068	1.408
VERTICAL SPREAD	:	1.681	1.681	1.681
EXTREME SPREAD	:	2.841	2.201	2.162
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	



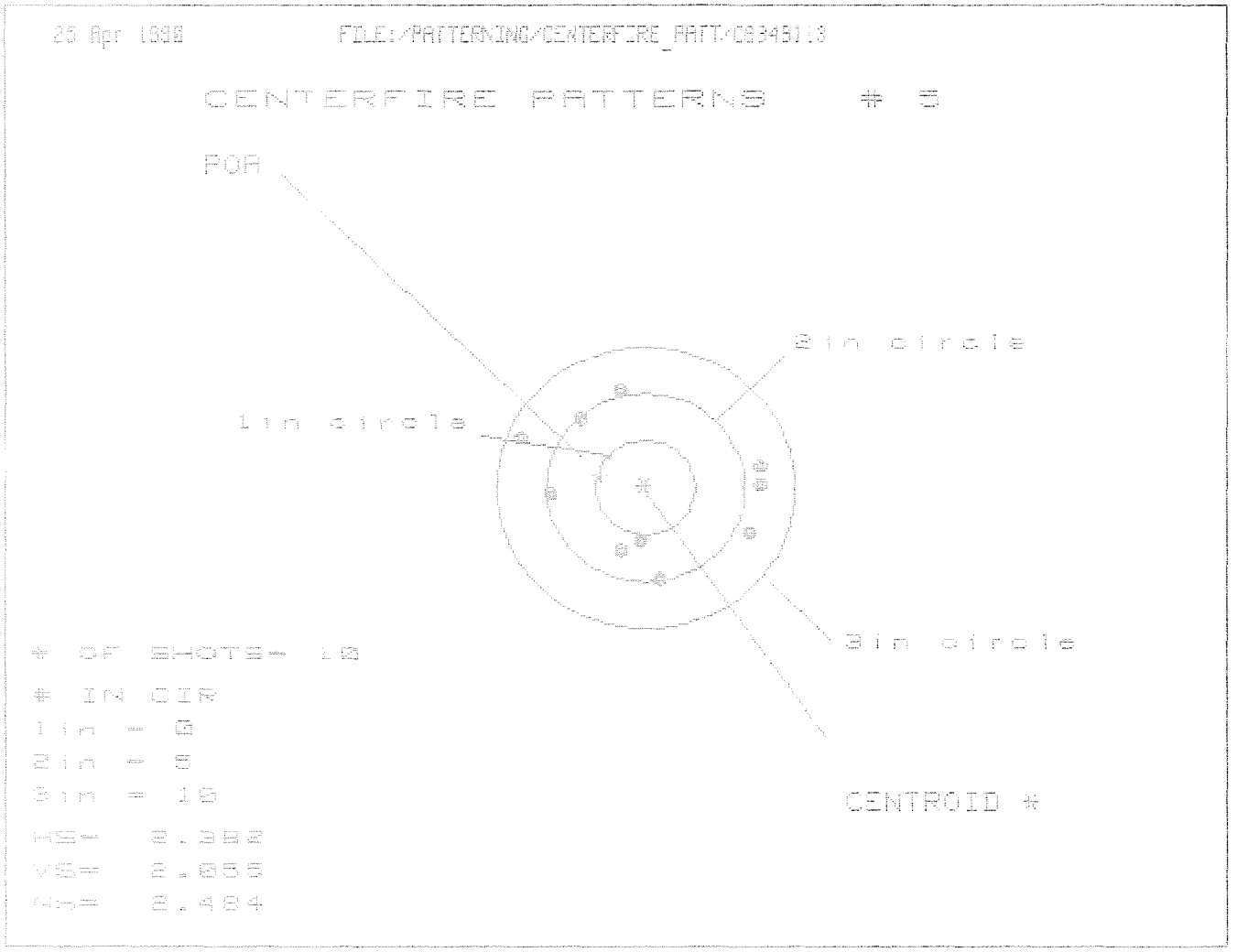
PATTERN #	:	[redacted]	
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.732	.718	.680
MINIMUM X	:	-.711	-.725	-.763
MAXIMUM Y	:	1.105	.955	.845
MINIMUM Y	:	-1.352	-1.067	-.948
CENTROID X	:	.059	.073	.111
CENTROID Y	:	-.195	-.045	-.164
FOR TO CENTROID in.	:	.204	.085	.190
MIN RADIUS	:	.194	.174	.134
MEAN RADIUS	:	.806	.723	.684
MAX RADIUS	:	1.357	1.257	1.160
HORIZONTAL SPREAD	:	1.443	1.443	1.443
VERTICAL SPREAD	:	2.457	2.022	1.793
EXTREME SPREAD	:	2.458	2.058	2.022
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.130	.832	.695
MINIMUM X	:	-1.220	-1.095	-.982
MAXIMUM Y	:	.622	.691	.680
MINIMUM Y	:	-1.002	-.934	-.945
CENTROID X	:	-.046	-.171	-.084
CENTROID Y	:	.117	.048	.059
POA TO CENTROID in.	:	.125	.178	.069
MIN RADIUS	:	.238	.095	.225
MEAN RADIUS	:	.757	.717	.684
MAX RADIUS	:	1.285	1.126	1.065
HORIZONTAL SPREAD	:	2.350	1.927	1.677
VERTICAL SPREAD	:	1.625	1.625	1.625
EXTREME SPREAD	:	2.473	1.978	1.768
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.135	1.182	.663
MINIMUM X	:	-.953	-.906	-.758
MAXIMUM Y	:	1.383	1.184	.626
MINIMUM Y	:	-1.788	-.800	-.652
CENTROID X	:	.663	.616	.469
CENTROID Y	:	.092	.291	.143
POA TO CENTROID in.	:	.669	.682	.490
Min RADIUS	:	.206	.265	.338
MEAN RADIUS	:	.860	.733	.616
MAX RADIUS	:	1.837	1.673	1.000
HORIZONTAL SPREAD	:	2.088	2.088	1.422
VERTICAL SPREAD	:	3.171	1.984	1.272
EXTREME SPREAD	:	3.251	2.880	1.649
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.107	.965	1.077
MINIMUM X	:	-1.275	-1.085	-.984
MAXIMUM Y	:	1.075	1.139	1.161
MINIMUM Y	:	-.980	-.916	-.874
CENTROID X	:	.452	.594	.473
CENTROID Y	:	-.135	-.199	-.241
POA TO CENTROID in.	:	.472	.626	.531
MIN RADIUS	:	.517	.476	.412
MEAN RADIUS	:	.995	.935	.908
MAX RADIUS	:	1.406	1.210	1.215
HORIZONTAL SPREAD	:	2.382	2.059	2.041
VERTICAL SPREAD	:	2.055	2.055	2.055
EXTREME SPREAD	:	2.484	2.093	2.093
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	