C6349048

MODEL 700™ M24

Model SWS ™

Action

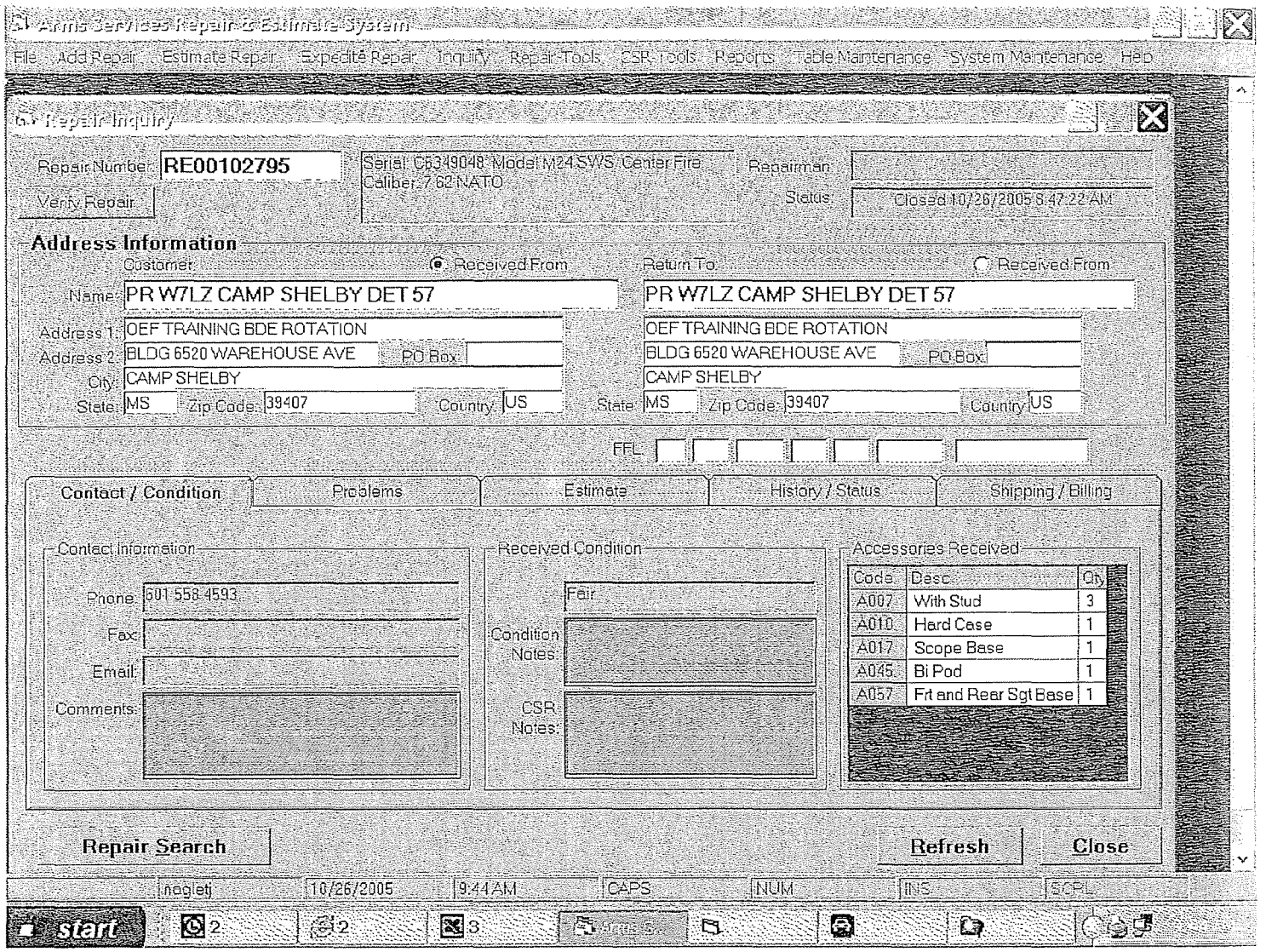
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington



Serial Number: C6349048

Model: M24 SWS

RE00102795

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349048.__0
FILE DATE AND TIME: 11/28/2005 14:40

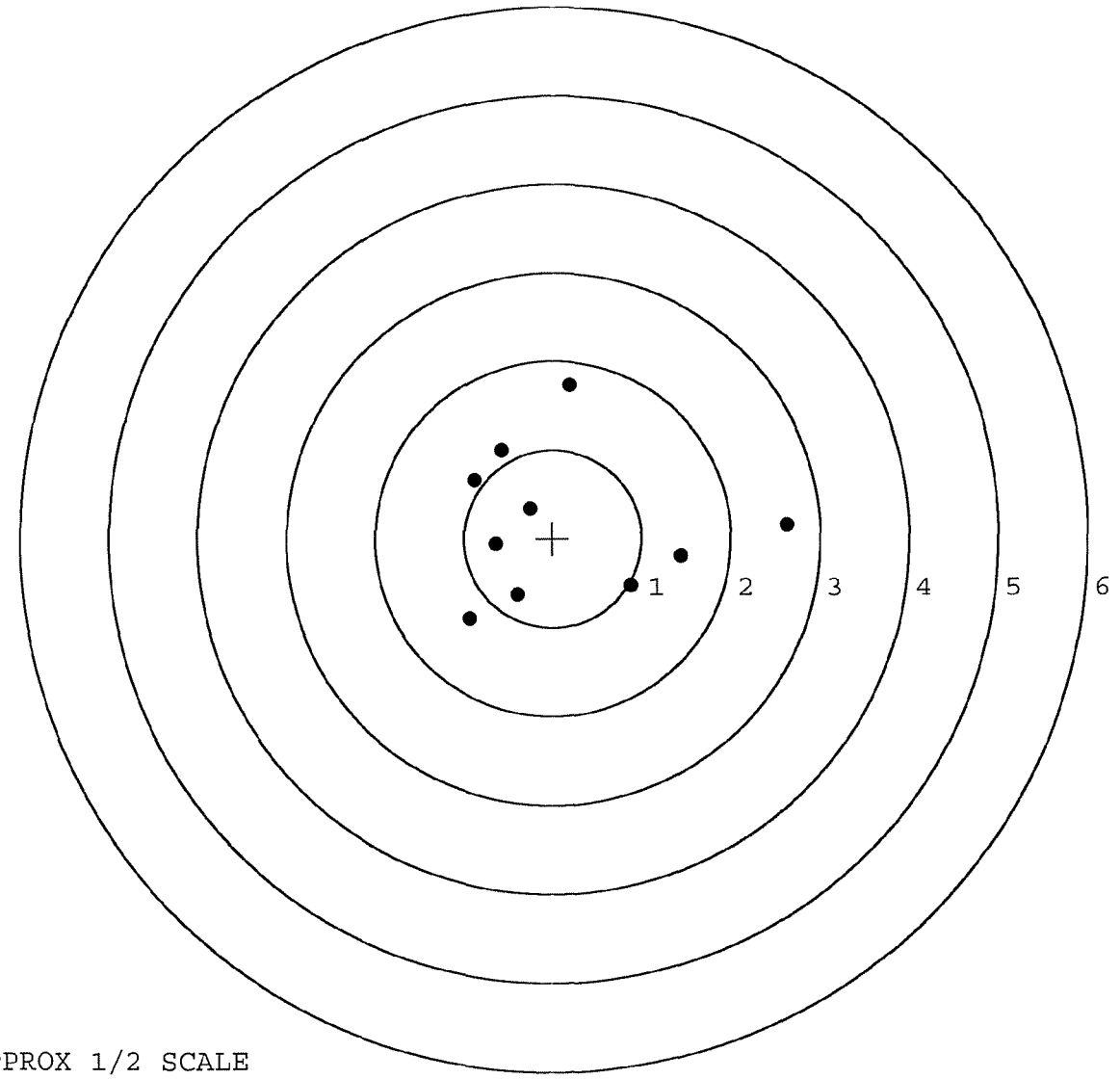
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.059
The Average Y Centroid of the Five Target Set:	-0.029
The Average Point of Impact of the Five Target Set:	0.066
The Average Mean Radius of the Five Target Set:	0.930
The Distance from POA to Centroid Target #1:	0.210
The Distance from Centroid Target #2 to Centroid Target #1:	0.427
The Distance from Centroid Target #3 to Centroid Target #1:	0.201
The Distance from Centroid Target #4 to Centroid Target #1:	0.079
The Distance from Centroid Target #5 to Centroid Target #1:	0.322

SERIAL NUMBER: C6349048.__0
TARGET NUMBER: 1
FILE DATE: 11/28/2005
FILE TIME: 14:40

X CENTROID:	0.144
Y CENTROID:	0.153
POA TO CENTROID:	0.210
HORZ SPREAD:	3.558
VERT SPREAD:	2.624
GROUP SPREAD:	3.713
MIN RADIUS:	0.444
MAX RADIUS:	2.476
MEAN RADIUS:	1.239
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	3
# in 3 IN DIAMETER:	7

POINT#	X	Y
1:	2.620	0.159
2:	1.443	-0.198
3:	0.884	-0.540
4:	0.193	1.722
5:	-0.260	0.337
6:	-0.576	0.996
7:	-0.885	0.661
8:	-0.640	-0.066
9:	-0.398	-0.637
10:	-0.938	-0.902

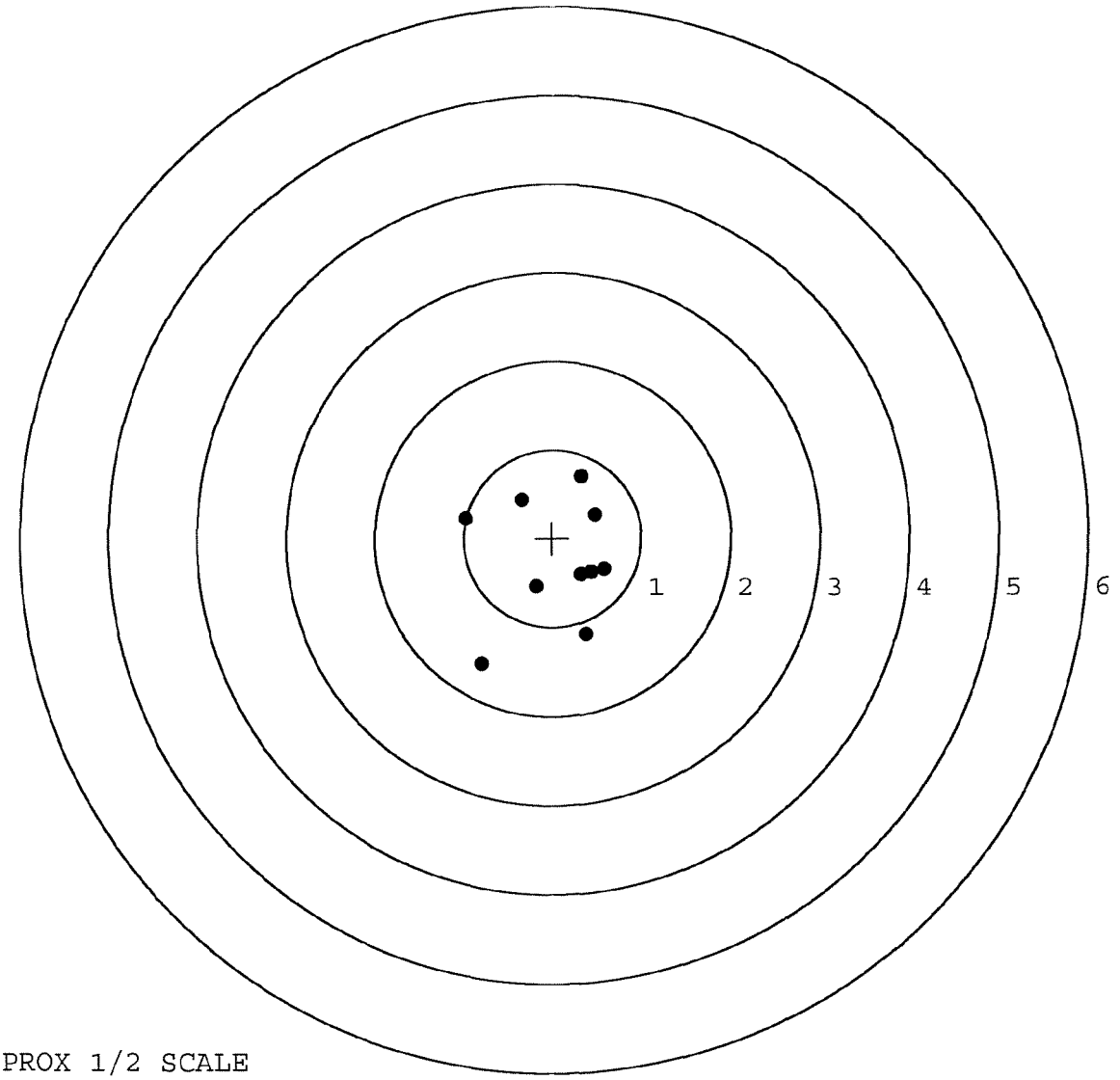


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349048.__0
TARGET NUMBER: 2
FILE DATE: 11/28/2005
FILE TIME: 14:40

X CENTROID:	0.021
Y CENTROID:	-0.256
POA TO CENTROID:	0.257
HORZ SPREAD:	1.562
VERT SPREAD:	2.111
GROUP SPREAD:	2.392
MIN RADIUS:	0.341
MAX RADIUS:	1.416
MEAN RADIUS:	0.761
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.379	-1.083
2:	-0.799	-1.410
3:	-0.185	-0.551
4:	0.326	-0.409
5:	0.580	-0.351
6:	0.474	0.267
7:	0.325	0.701
8:	-0.349	0.435
9:	-0.982	0.221
10:	0.439	-0.380

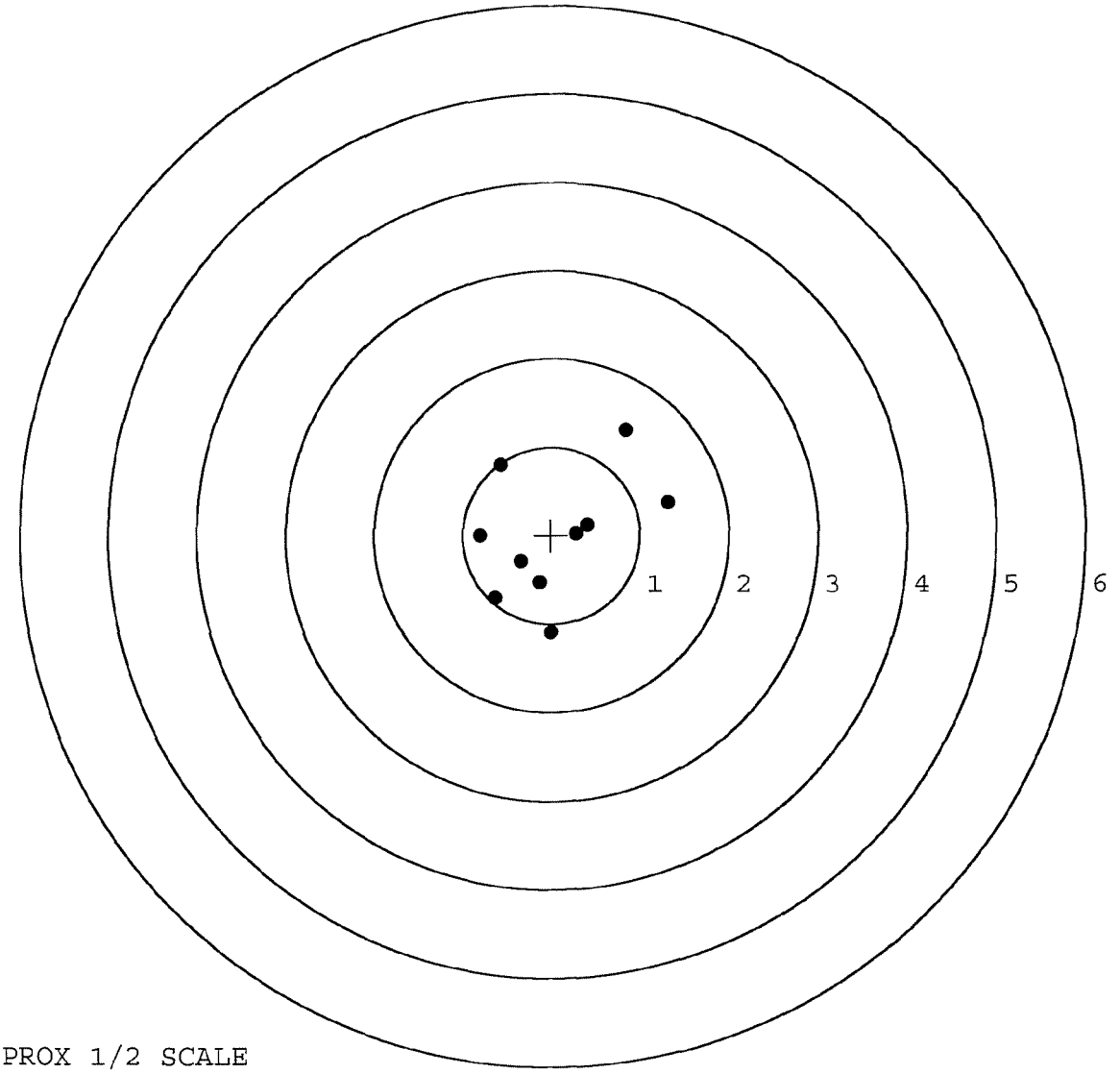


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349048.__0
TARGET NUMBER: 3
FILE DATE: 11/28/2005
FILE TIME: 14:40

X CENTROID:	0.034
Y CENTROID:	-0.014
POA TO CENTROID:	0.037
HORZ SPREAD:	2.109
VERT SPREAD:	2.298
GROUP SPREAD:	2.451
MIN RADIUS:	0.245
MAX RADIUS:	1.454
MEAN RADIUS:	0.835
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.307	0.373
2:	0.845	1.192
3:	0.402	0.121
4:	0.276	0.020
5:	-0.006	-1.106
6:	-0.639	-0.712
7:	-0.802	-0.002
8:	-0.569	0.802
9:	-0.343	-0.294
10:	-0.133	-0.539

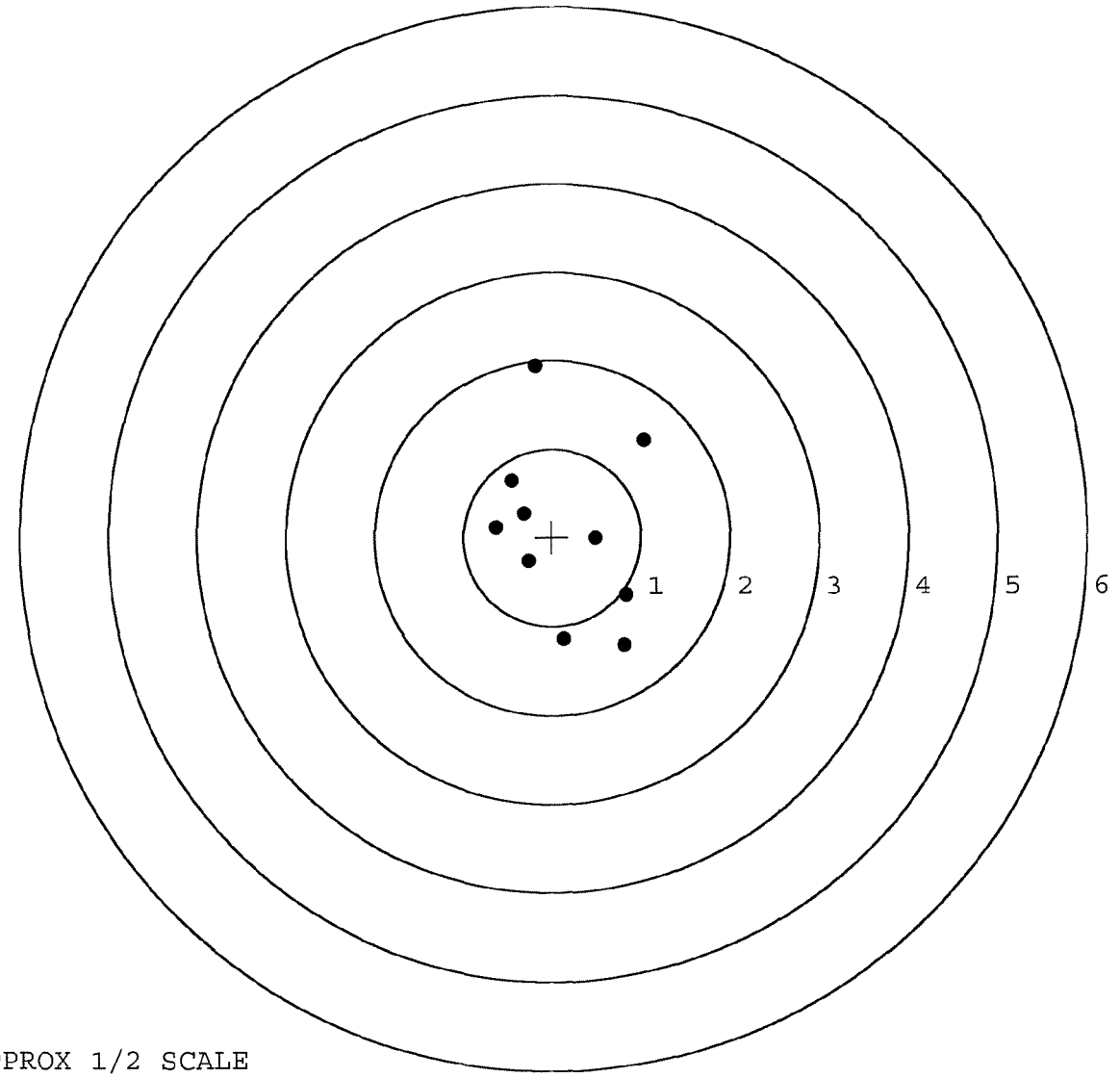


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349048.__0
TARGET NUMBER: 4
FILE DATE: 11/28/2005
FILE TIME: 14:40

X CENTROID:	0.146
Y CENTROID:	0.075
POA TO CENTROID:	0.164
HORZ SPREAD:	1.677
VERT SPREAD:	3.154
GROUP SPREAD:	3.311
MIN RADIUS:	0.357
MAX RADIUS:	1.893
MEAN RADIUS:	0.995
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.819	-1.216
2:	0.137	-1.150
3:	0.839	-0.658
4:	0.493	-0.009
5:	1.037	1.096
6:	-0.188	1.938
7:	-0.266	-0.280
8:	-0.640	0.114
9:	-0.314	0.271
10:	-0.454	0.641

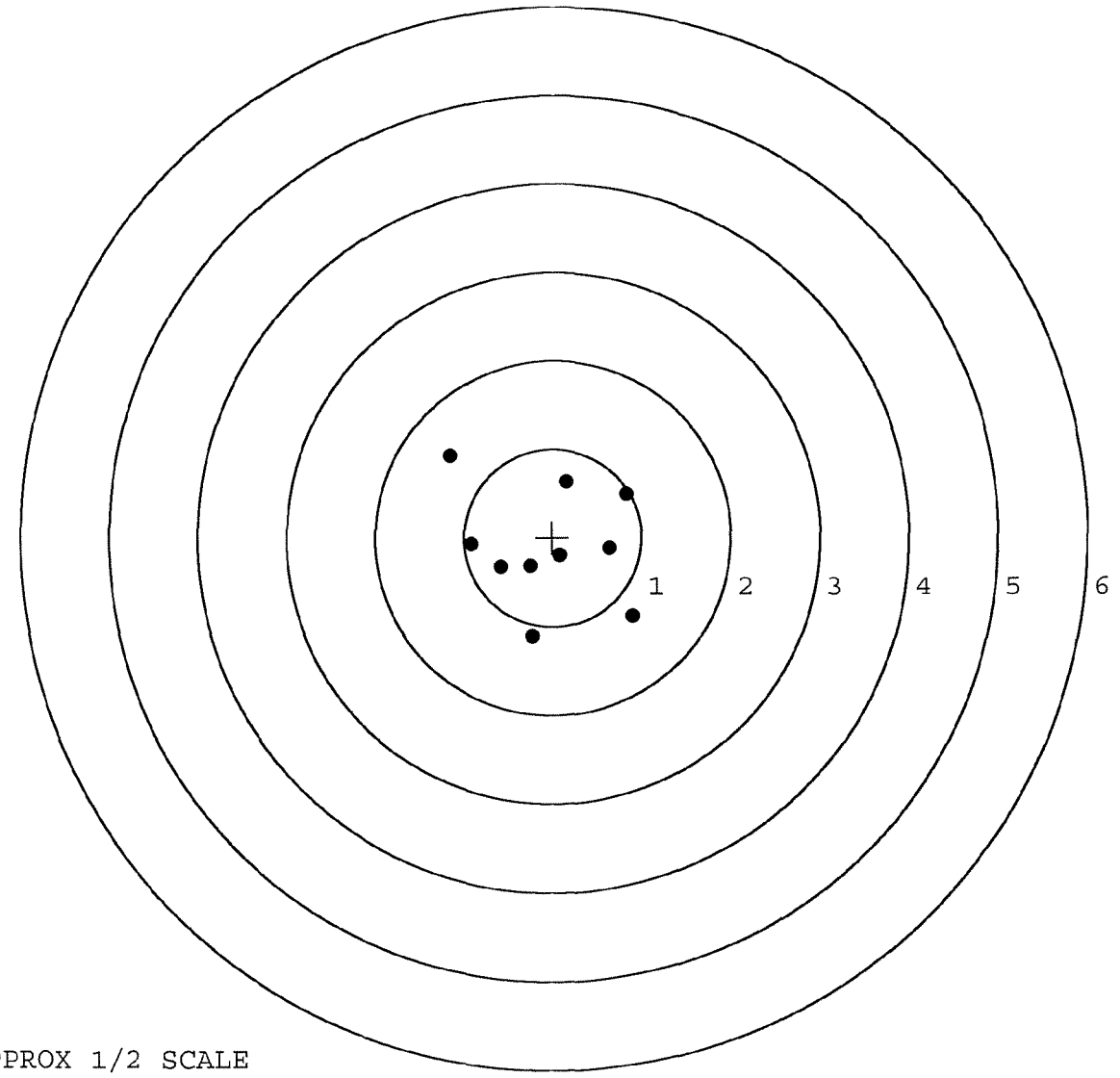


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349048.__0
TARGET NUMBER: 5
FILE DATE: 11/28/2005
FILE TIME: 14:40

X CENTROID:	-0.052
Y CENTROID:	-0.103
POA TO CENTROID:	0.115
HORZ SPREAD:	2.057
VERT SPREAD:	2.040
GROUP SPREAD:	2.739
MIN RADIUS:	0.170
MAX RADIUS:	1.506
MEAN RADIUS:	0.820
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

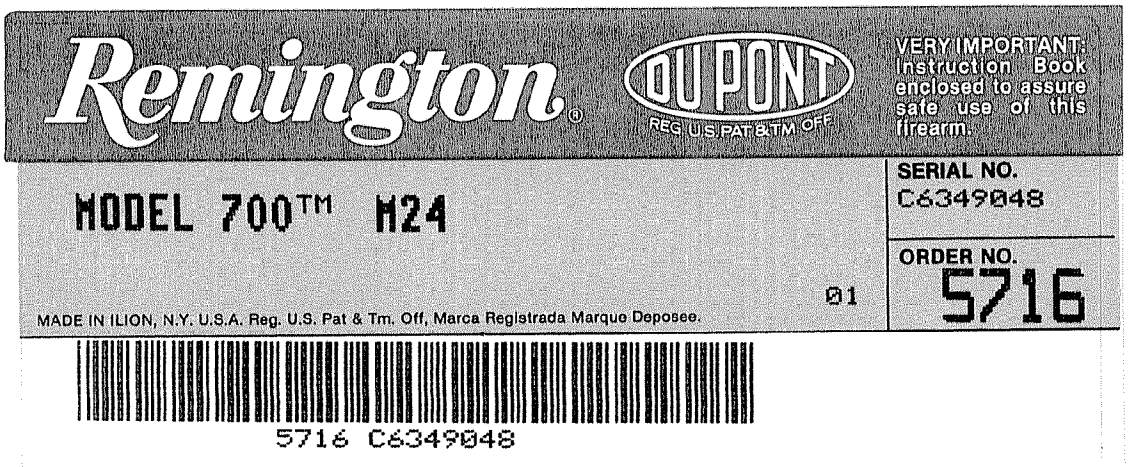
POINT#	X	Y
1:	0.902	-0.887
2:	0.642	-0.123
3:	0.828	0.488
4:	0.158	0.628
5:	-0.221	-1.118
6:	-1.155	0.922
7:	-0.916	-0.078
8:	-0.584	-0.332
9:	-0.253	-0.324
10:	0.084	-0.206

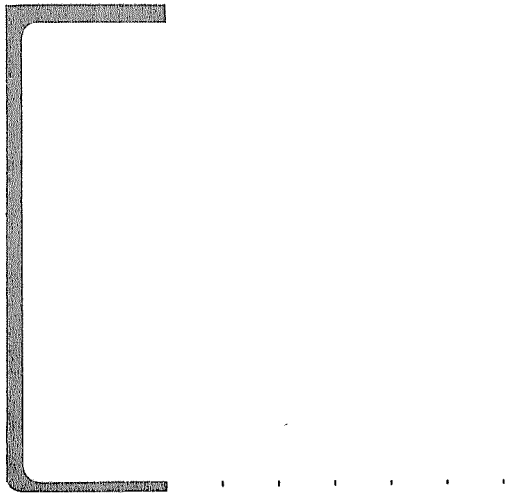


TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

		Camp Shelby		
R & E NUMBER	102795			
SERIAL NUMBER	C 6314 9048			
LOG-IN DATE	10-26-05			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		11-4-05	AC
505	RE-BARREL		11-8-05	AC
560	ASSEMBLE		11-15-05	CD
600	PROOF	MAGNA-FLUX INSPECTED	11-15-05	CD
605	CHECK HEADSPACE	NOV 18 2005	11-15-05	CD
610	DIS-ASSEMBLE GUN		11-15-05	CD
612	MAGNAFLUX	OPERATOR [illegible]	11/18/05	[illegible]
510	DRILL AND TAP		11-17-05	BR
615	ROLLMARK CALIBER		11-18-05	CW
618	ROTO-BLAST		11-21-05	LB
620	APPLY COATINGS		11/22/05	RB
625	FINAL ASSEMBLY		11-23-05	BC
640	FUNCTION TEST AND	PASS FAIL	11-28-05	TKW
650	TARGET	PASS FAIL	11-28-05	TKW
	MALFUNCTION BAC	CORRECTION OK	11-28-05	AC
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	11-28-05	TKW
670	FINAL INSPECTION		11-28-05	AC
	A) HEADSPACE	PASS FAIL	11-28-05	AC
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)			X
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS)	6 lbs 6 lbs 6 lbs		AC
	G) SAFETY OFF FORCE (2 LBS MIN)	3 lbs 3 lbs 3 lbs		AC
	I) FIRING PIN INDENT (.020)	.021 .021 .021		AC
690	PACK		12-1-05	DA





RC 51

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349048

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT 12-20 89		RW
600	Proof	12-20 89		[illegible]
607	Check Headspace	12-20 89		[illegible]
610	Dis-assemble Gun	12-20 89		RW
612	Magnaflux Barrel Action	1-5-90		KER
	Magnaflux Bolt	1-5-90		
615	Rollmark Caliber		1/5/90	[illegible]
617	Drill and Tap Sight Holes		1/8/90	[illegible]
618	Polish Barrel RB		1/9/90	WB
620	Apply Coatings (Barrel Action)		1-15-90	TSA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/17/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/17/90	RW
	C) Inspect Ejector Hole for Chamfer		1/17/90	RW
	D) Oil Firing Pin Ass'y		1/17/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		18 Jan 90	[illegible]

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			1-18-90	
	G) Safety Off Force	3	3	3			1-18-90	
	H) Trigger Pull Test & Retainability						18Jan90	
	I) Firing Pin Indent	.0205	.0205	.020			1-18-90	
	J) Assemble Stock						3/5/90	
	K) Assemble Swivel Studs						3/13/90	WB
	L) Attach Front and Rear Sight Assemblies						3/5/90	
	M) Iron Sight Alignment						3/5/90	
	N) Detach Front & Rear Sights & place in numbered container						3/5/90	
	O) Attach Scope to Rifle						3/5/90	WB
	P) Detach & Attach Scope 20 Times						3/5/90	WB
640	Gallery Target & Test						3-6-90	JS Temp. Help
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clearity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection A) Headspace						16Mar90	
	B) Trigger Pull	2.58	2.29	2.32	2.32	2.29	16Mar90	
	C) Function						16Mar90	
660	Pack						19MAR90	

SWS TRIGGER PULL TEST

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

SERIAL NO. C6349048
DATE 18 Jan 90
TESTER GS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.44	238	258	MIN. SETTING,
PULL #2	2.47	2.40	238	229	NO AVG. OF 5
PULL #3	240	2.39	238	232	READINGS ACCEPT-
PULL #4	239	2.38	239	232	ABLE LESS THAN 2#
PULL #5	239	240	237	229	
TOTAL	1207	1201	1190	1180	
AVG.	2.414	2.402	2.38	2.36	

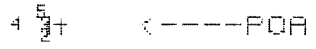
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.13	3.22		
PULL #2	296	328		
PULL #3	311	334		
PULL #4	333	334		
PULL #5	334	327		
TOTAL	1587	1645		
AVG.	3.174	329		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.23		4.20
PULL #2	4.11	3.92		4.24
PULL #3	4.12	391		4.26
PULL #4	4.18	389		4.22
PULL #5	4.13	390		4.20
TOTAL	2072	1985		21.12
AVG.	4.144	3.97		4.224

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349048
6 Mar 1990

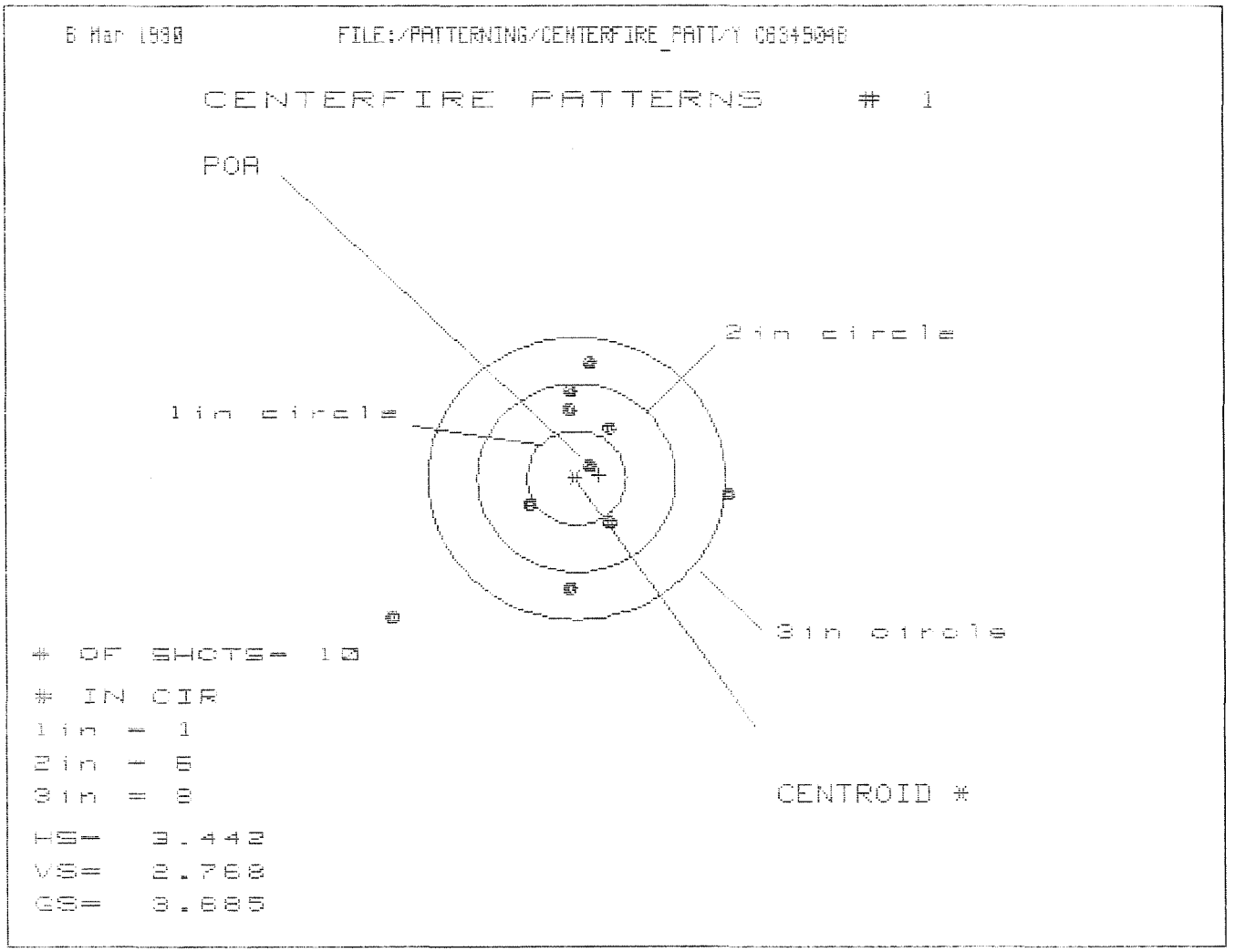
CENTROIDAL DISTANCES

0	TO	1	.233684
1	TO	2	.164
1	TO	3	.0710634
1	TO	4	.595265
1	TO	5	.328539

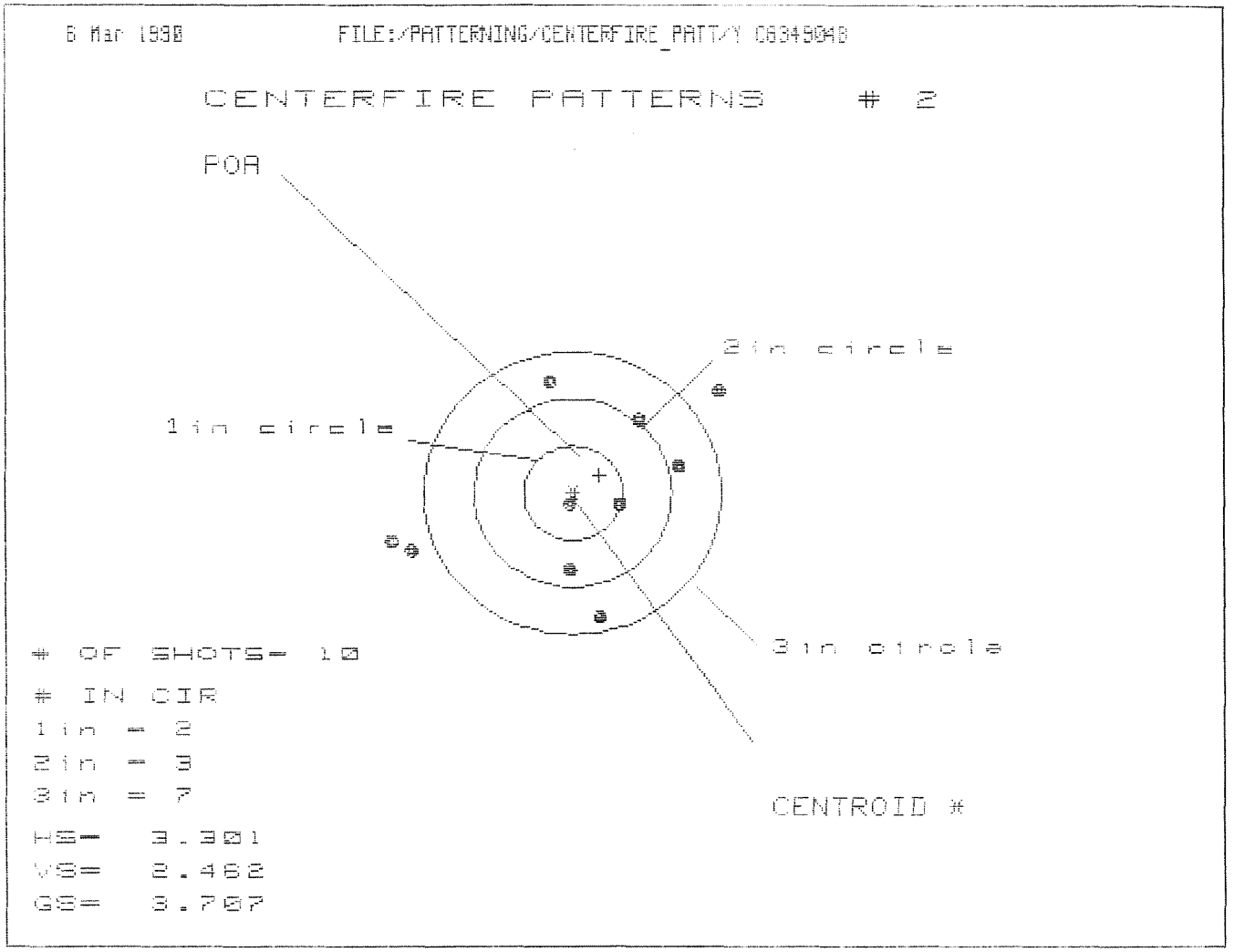


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.384
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .031
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .385249

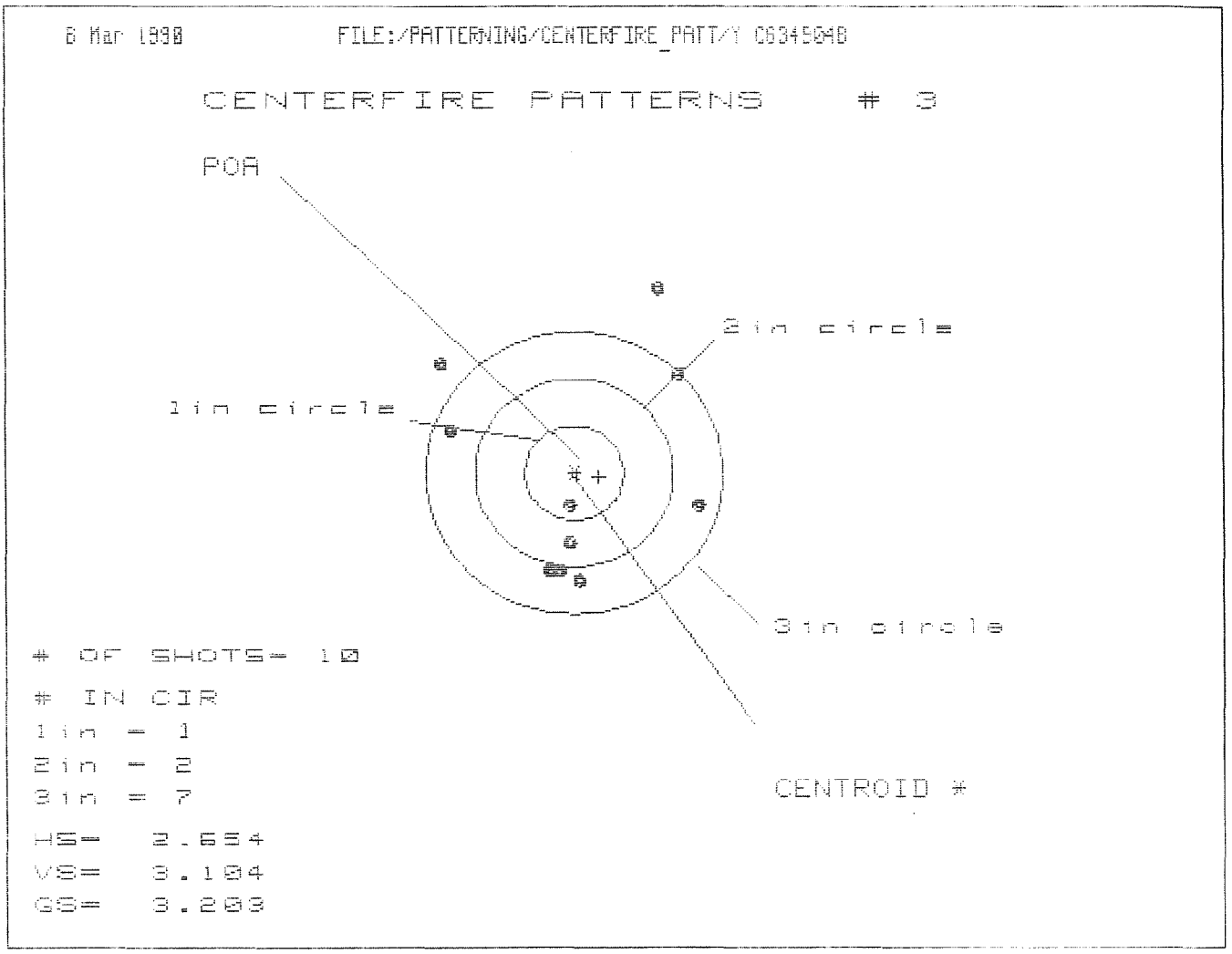
THE AMR FOR THIS RIFLE IS: 1.028



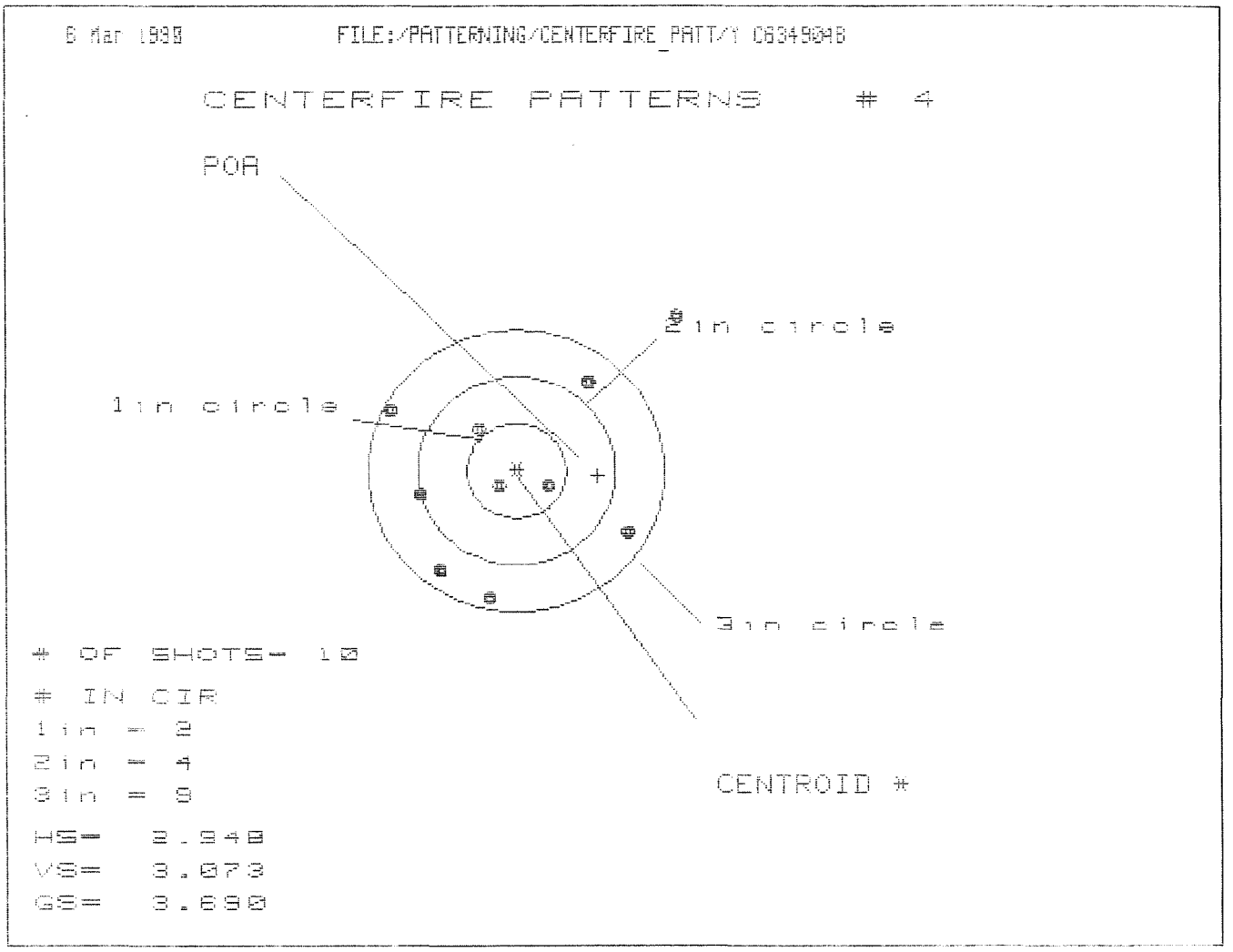
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.577	1.370	.838
MINIMUM X	:	-1.865	-.720	-.549
MAXIMUM Y	:	1.265	1.098	1.054
MINIMUM Y	:	-1.503	-1.347	-1.391
CENTROID X	:	-.232	-.025	-.196
CENTROID Y	:	-.028	.139	.183
POA TO CENTROID in.	:	.234	.141	.268
MIN RADIUS	:	.185	.109	.084
MEAN RADIUS	:	1.006	.808	.710
MAX RADIUS	:	2.395	1.415	1.393
HORIZONTAL SPREAD	:	3.442	2.090	.887
VERTICAL SPREAD	:	2.768	2.445	2.445
EXTREME SPREAD	:	3.685	2.449	2.449
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	



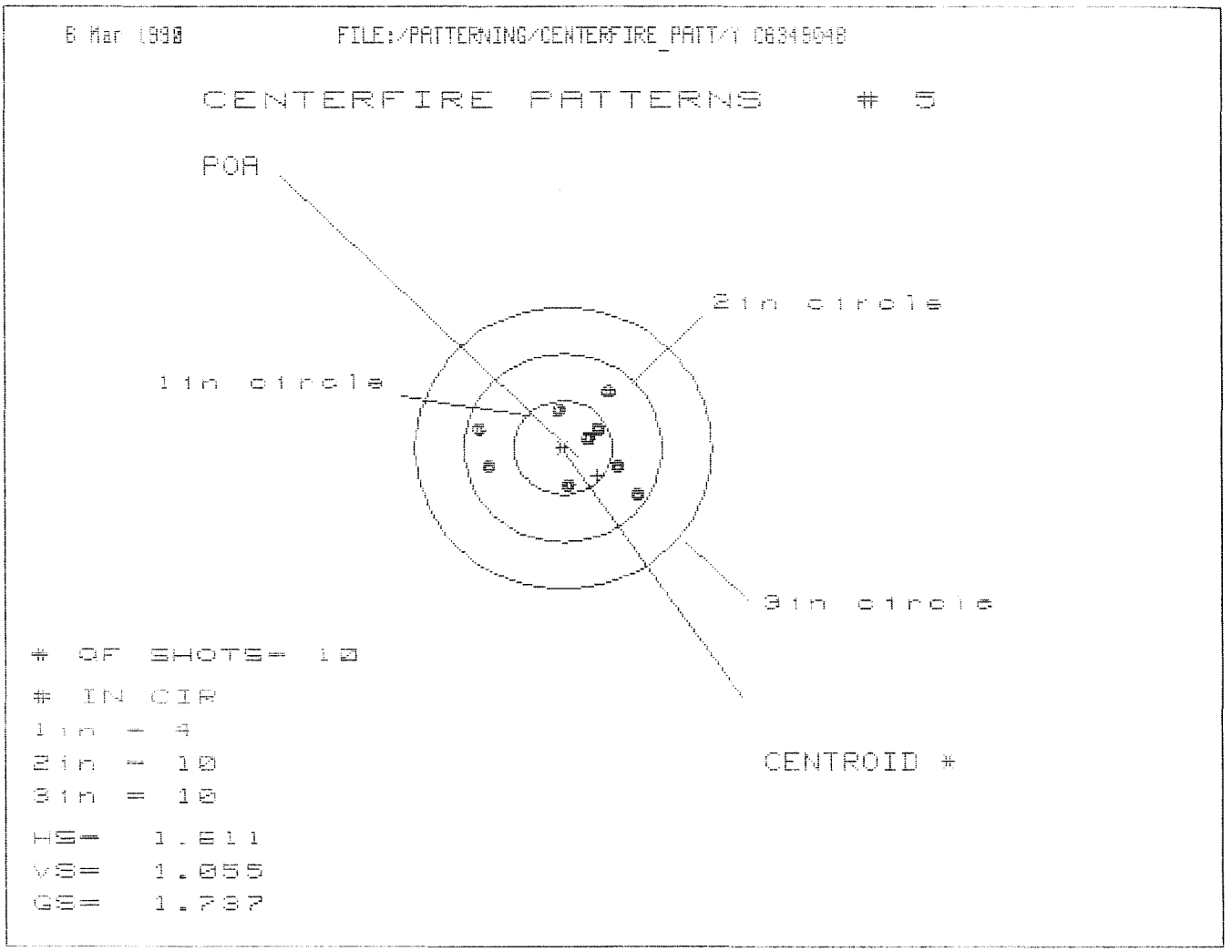
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.430	1.222	1.035
MINIMUM X	:	-1.871	-1.871	-1.718
MAXIMUM Y	:	1.178	1.116	1.249
MINIMUM Y	:	-1.284	-1.346	-1.213
CENTROID X	:	-.268	-.060	-.213
CENTROID Y	:	-.188	-.126	-.259
POA TO CENTROID in.	:	.327	.140	.336
MIN RADIUS	:	.062	.242	.056
MEAN RADIUS	:	1.153	1.039	.955
MAX RADIUS	:	1.952	1.986	1.799
HORIZONTAL SPREAD	:	3.301	3.093	2.753
VERTICAL SPREAD	:	2.462	2.462	2.462
EXTREME SPREAD	:	3.707	3.547	2.896
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.276	1.370	1.209
MINIMUM X	:	-1.378	-1.284	-1.359
MAXIMUM Y	:	1.973	1.343	1.485
MINIMUM Y	:	-1.131	-.911	-.748
CENTROID X	:	-.249	-.344	-.183
CENTROID Y	:	.041	-.179	-.347
POA TO CENTROID in.	:	.253	.387	.392
MIN RADIUS	:	.380	.162	.120
MEAN RADIUS	:	1.245	1.061	.898
MAX RADIUS	:	2.148	1.858	1.786
HORIZONTAL SPREAD	:	2.654	2.654	2.568
VERTICAL SPREAD	:	3.104	2.254	2.228
EXTREME SPREAD	:	3.203	3.044	2.687
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.668	1.300	1.286
MINIMUM X	:	-1.280	-1.095	-1.109
MAXIMUM Y	:	1.681	1.115	.964
MINIMUM Y	:	-1.392	-1.205	-1.063
CENTROID X	:	-.822	-1.007	-.993
CENTROID Y	:	.051	-.136	.015
POA TO CENTROID in.	:	.824	1.017	.993
MIN RADIUS	:	.284	.026	.160
MEAN RADIUS	:	1.124	.941	.909
MAX RADIUS	:	2.368	1.427	1.412
HORIZONTAL SPREAD	:	2.948	2.395	2.395
VERTICAL SPREAD	:	3.073	2.320	2.027
EXTREME SPREAD	:	3.690	2.694	2.694
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.738	.641	.517
MINIMUM X	:	-.873	-.888	-.808
MAXIMUM Y	:	.594	.615	.560
MINIMUM Y	:	-.461	-.440	-.421
CENTROID X	:	-.349	-.252	-.332
CENTROID Y	:	.300	.279	.334
POA TO CENTROID in.	:	.460	.376	.471
MIN RADIUS	:	.300	.213	.277
MEAN RADIUS	:	.610	.557	.536
MAX RADIUS	:	.893	.905	.840
HORIZONTAL SPREAD	:	1.611	1.529	1.325
VERTICAL SPREAD	:	1.055	1.055	.981
EXTREME SPREAD	:	1.737	1.552	1.510
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		10	
NUMBER IN THREE INCH CIRCLE	=		10	