C6349040

MODEL 700™ M24

Model SWS™

Action

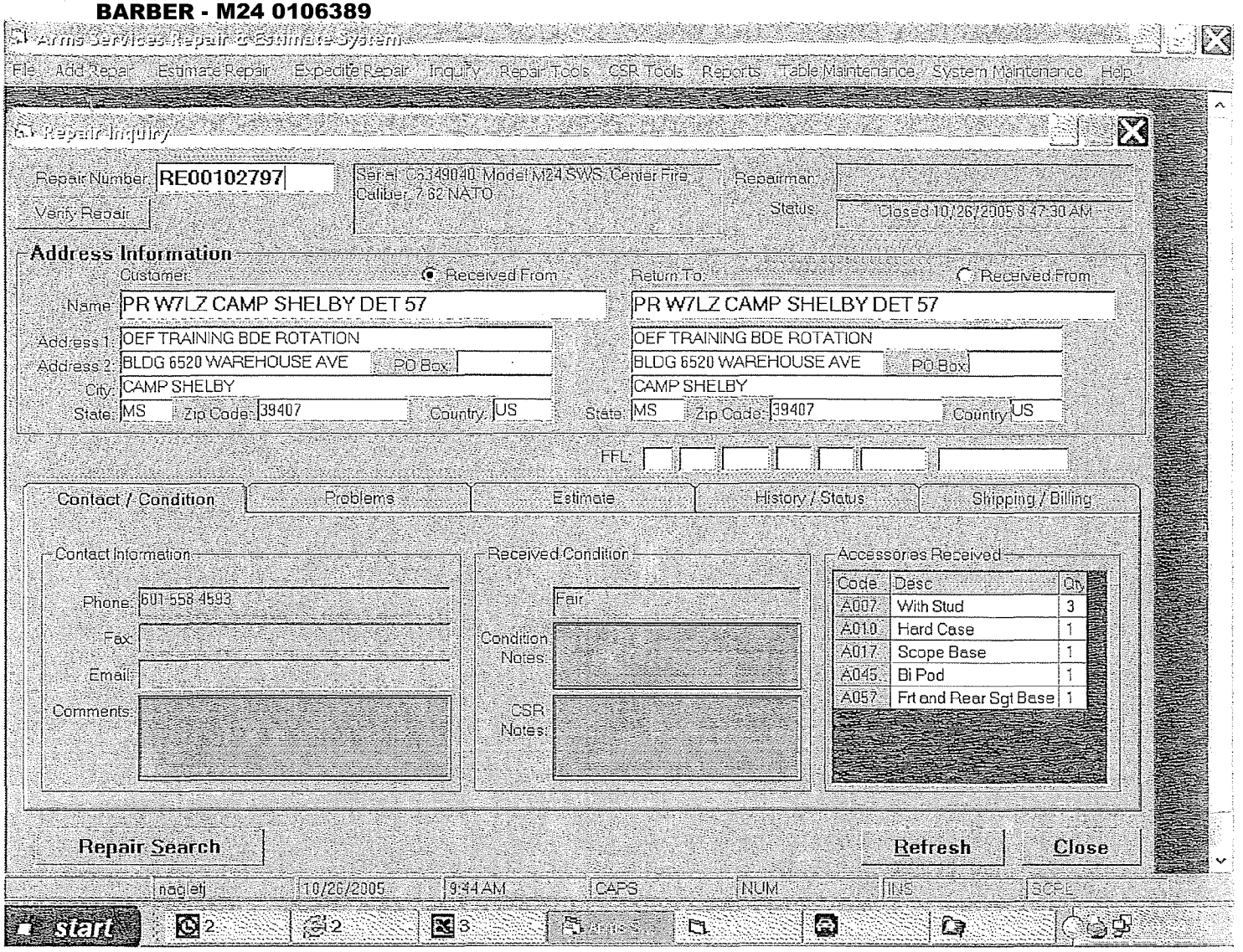
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®



Serial Number: C6349040

Model: M24 SWS

RE00102797

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349040.__0
FILE DATE AND TIME: 11/22/2005 22:21

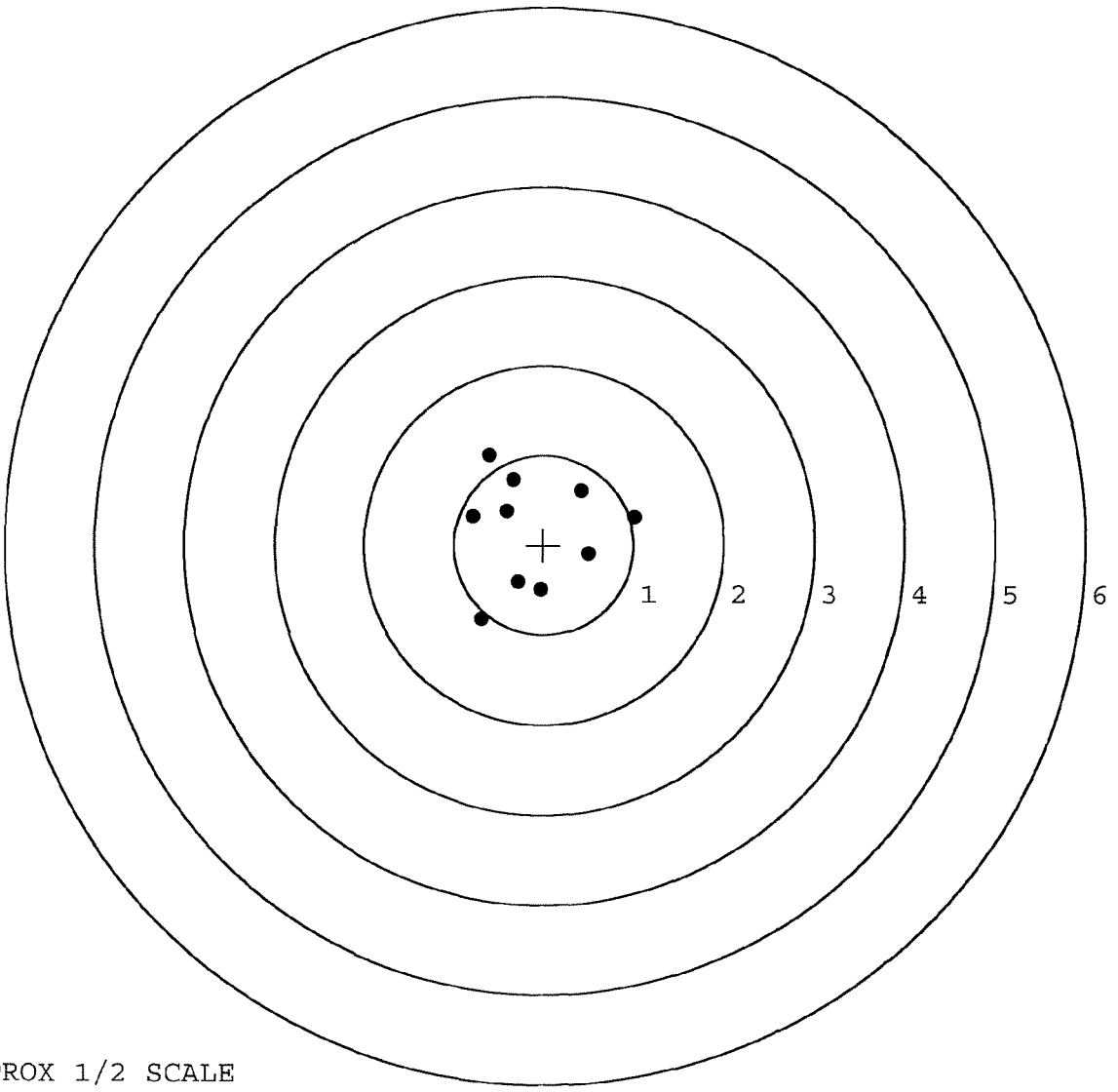
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.015
The Average Y Centroid of the Five Target Set:	0.022
The Average Point of Impact of the Five Target Set:	0.026
The Average Mean Radius of the Five Target Set:	0.710
The Distance from POA to Centroid Target #1:	0.197
The Distance from Centroid Target #2 to Centroid Target #1:	0.074
The Distance from Centroid Target #3 to Centroid Target #1:	0.465
The Distance from Centroid Target #4 to Centroid Target #1:	0.290
The Distance from Centroid Target #5 to Centroid Target #1:	0.170

SERIAL NUMBER: C6349040.__0
TARGET NUMBER: 1
FILE DATE: 11/22/2005
FILE TIME: 22:21

X CENTROID:	-0.126
Y CENTROID:	0.152
POA TO CENTROID:	0.197
HORZ SPREAD:	1.804
VERT SPREAD:	1.835
GROUP SPREAD:	2.047
MIN RADIUS:	0.372
MAX RADIUS:	1.141
MEAN RADIUS:	0.758
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.416	0.384
2:	-0.343	0.732
3:	-0.611	1.005
4:	-0.800	0.323
5:	0.417	0.613
6:	1.004	0.312
7:	0.500	-0.100
8:	-0.032	-0.502
9:	-0.283	-0.418
10:	-0.695	-0.830

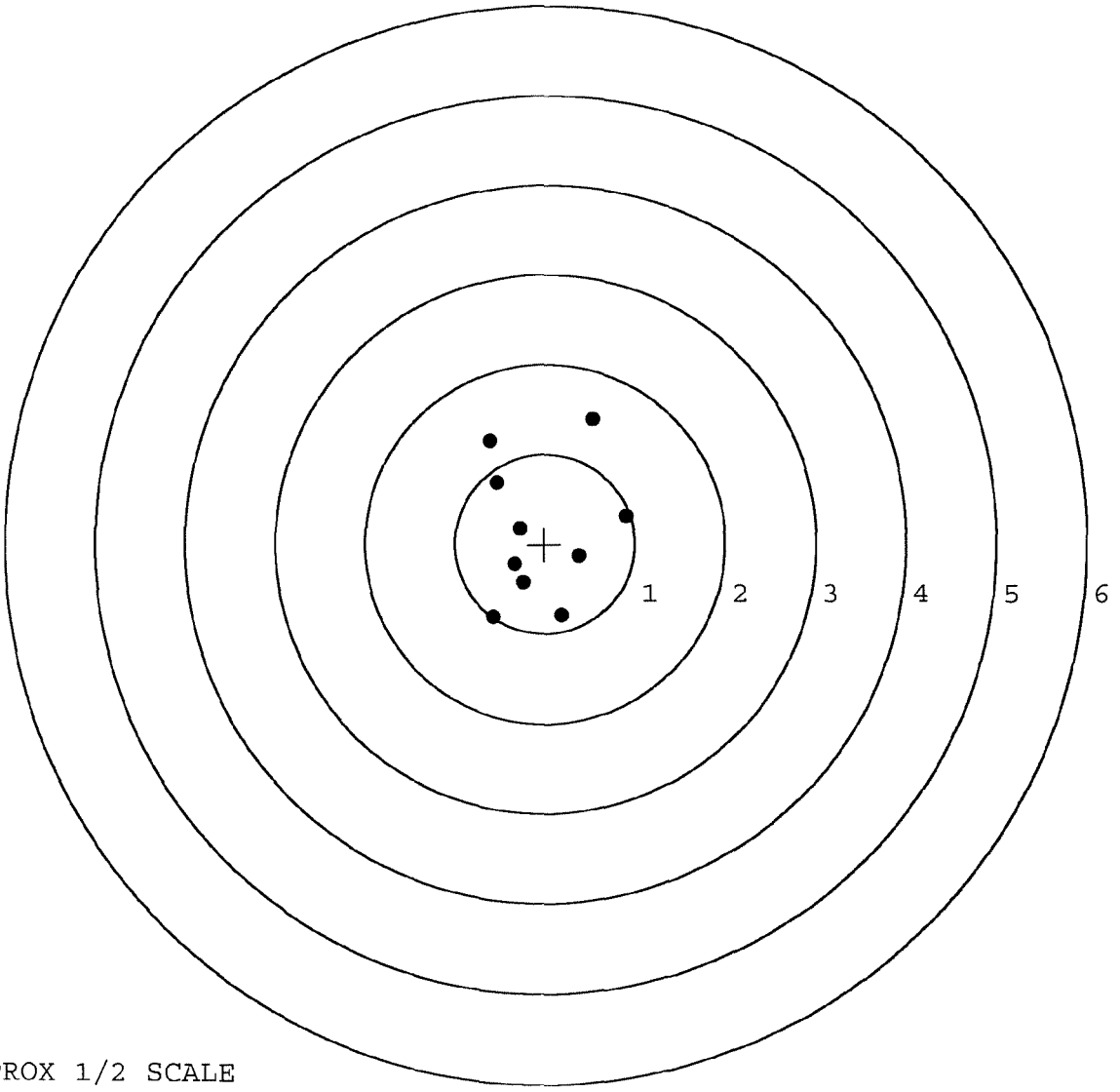


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349040.__0
TARGET NUMBER: 2
FILE DATE: 11/22/2005
FILE TIME: 22:21

X CENTROID:	-0.056
Y CENTROID:	0.128
POA TO CENTROID:	0.140
HORZ SPREAD:	1.522
VERT SPREAD:	2.214
GROUP SPREAD:	2.473
MIN RADIUS:	0.227
MAX RADIUS:	1.393
MEAN RADIUS:	0.810
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.330	-0.231
2:	-0.234	-0.436
3:	0.381	-0.134
4:	-0.572	-0.821
5:	0.199	-0.803
6:	0.903	0.308
7:	-0.279	0.170
8:	-0.536	0.684
9:	-0.619	1.153
10:	0.529	1.393

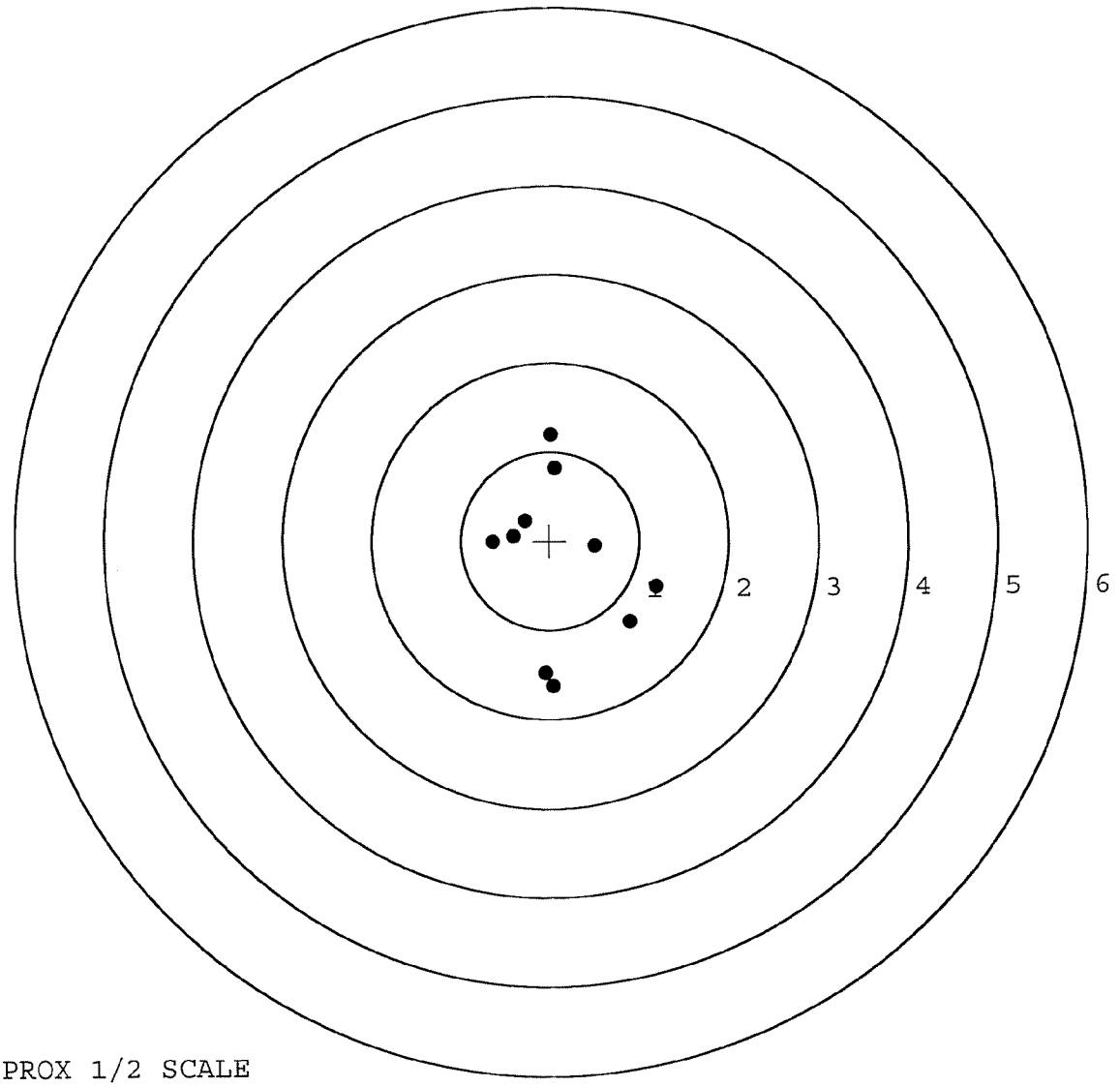


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349040.__0
TARGET NUMBER: 3
FILE DATE: 11/22/2005
FILE TIME: 22:21

X CENTROID:	0.130
Y CENTROID:	-0.237
POA TO CENTROID:	0.270
HORZ SPREAD:	1.824
VERT SPREAD:	2.825
GROUP SPREAD:	2.825
MIN RADIUS:	0.409
MAX RADIUS:	1.428
MEAN RADIUS:	0.972
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	4
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.279	0.227
2:	-0.408	0.058
3:	-0.642	-0.009
4:	0.063	0.818
5:	0.020	1.187
6:	0.501	-0.064
7:	1.182	-0.533
8:	0.892	-0.922
9:	0.028	-1.638
10:	-0.057	-1.492

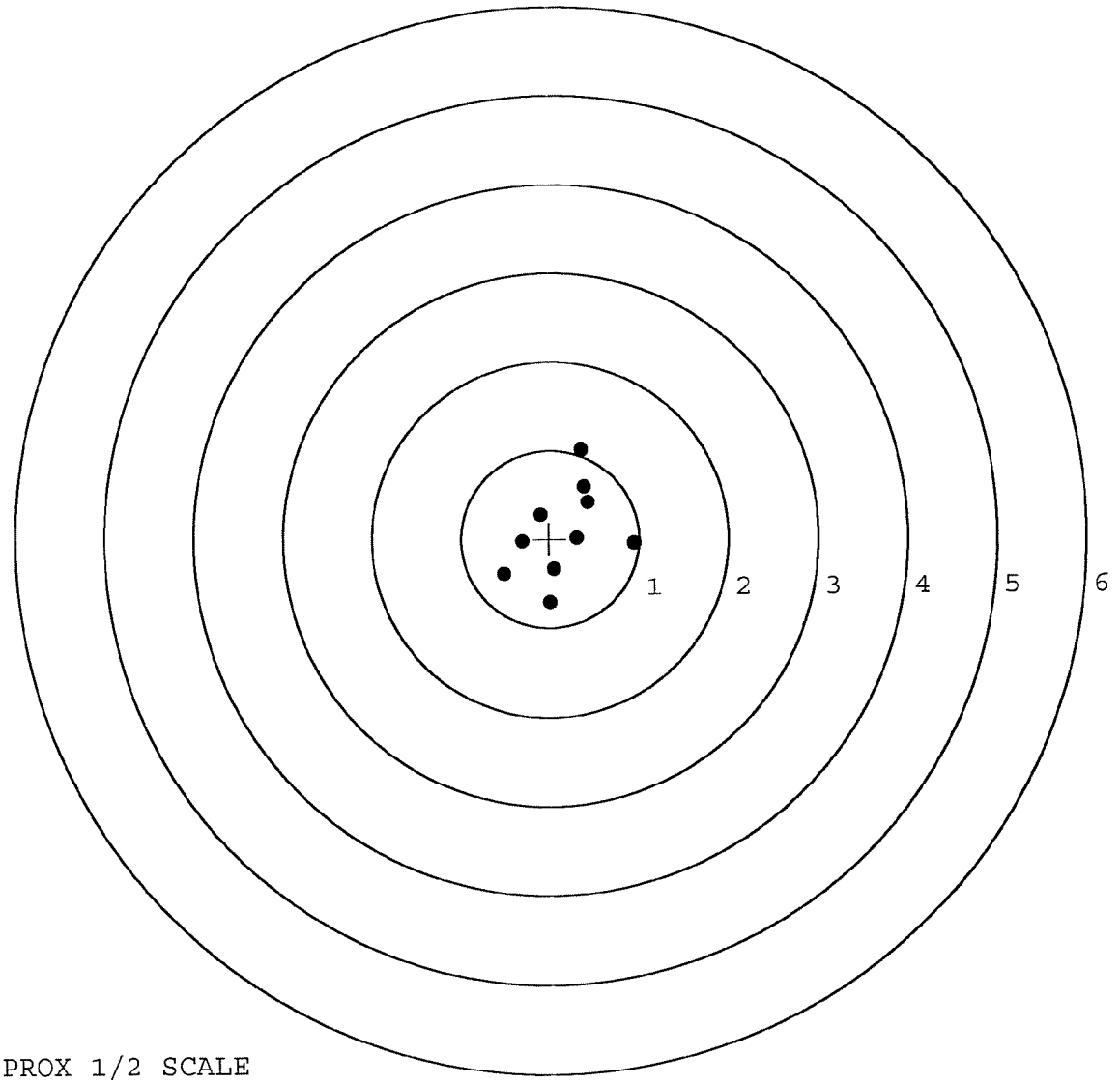


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349040.__0
TARGET NUMBER: 4
FILE DATE: 11/22/2005
FILE TIME: 22:21

X CENTROID:	0.154
Y CENTROID:	0.075
POA TO CENTROID:	0.171
HORZ SPREAD:	1.456
VERT SPREAD:	1.723
GROUP SPREAD:	1.758
MIN RADIUS:	0.160
MAX RADIUS:	0.948
MEAN RADIUS:	0.578
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.300	0.010
2:	0.050	-0.346
3:	-0.515	-0.394
4:	-0.101	0.276
5:	0.387	0.593
6:	0.433	0.416
7:	0.941	-0.057
8:	0.355	1.001
9:	0.005	-0.722
10:	-0.313	-0.028

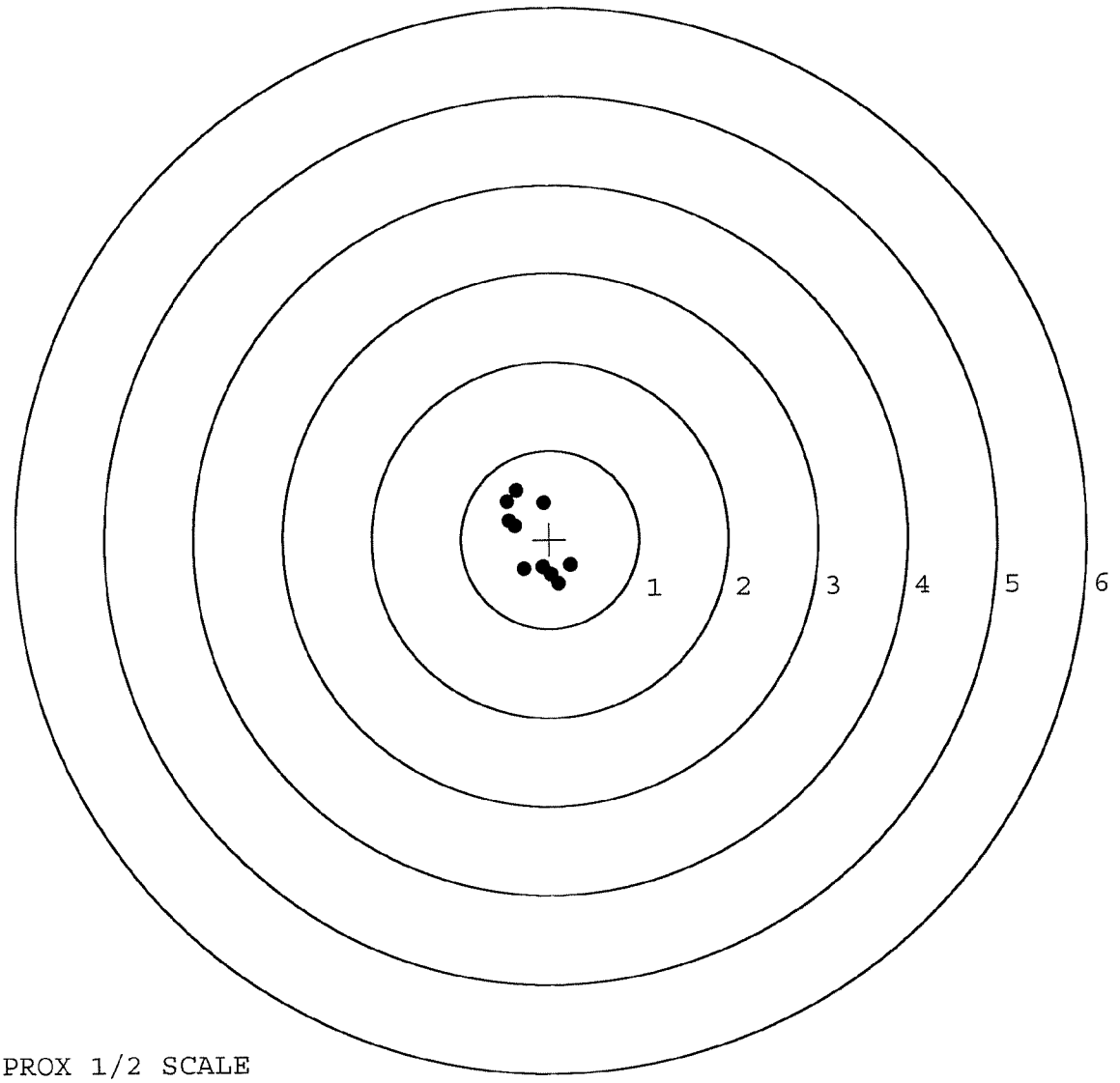


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349040.__0
TARGET NUMBER: 5
FILE DATE: 11/22/2005
FILE TIME: 22:21

X CENTROID:	-0.177
Y CENTROID:	-0.011
POA TO CENTROID:	0.178
HORZ SPREAD:	0.713
VERT SPREAD:	1.053
GROUP SPREAD:	1.153
MIN RADIUS:	0.266
MAX RADIUS:	0.594
MEAN RADIUS:	0.433
# IN 1 IN DIAMETER:	7
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

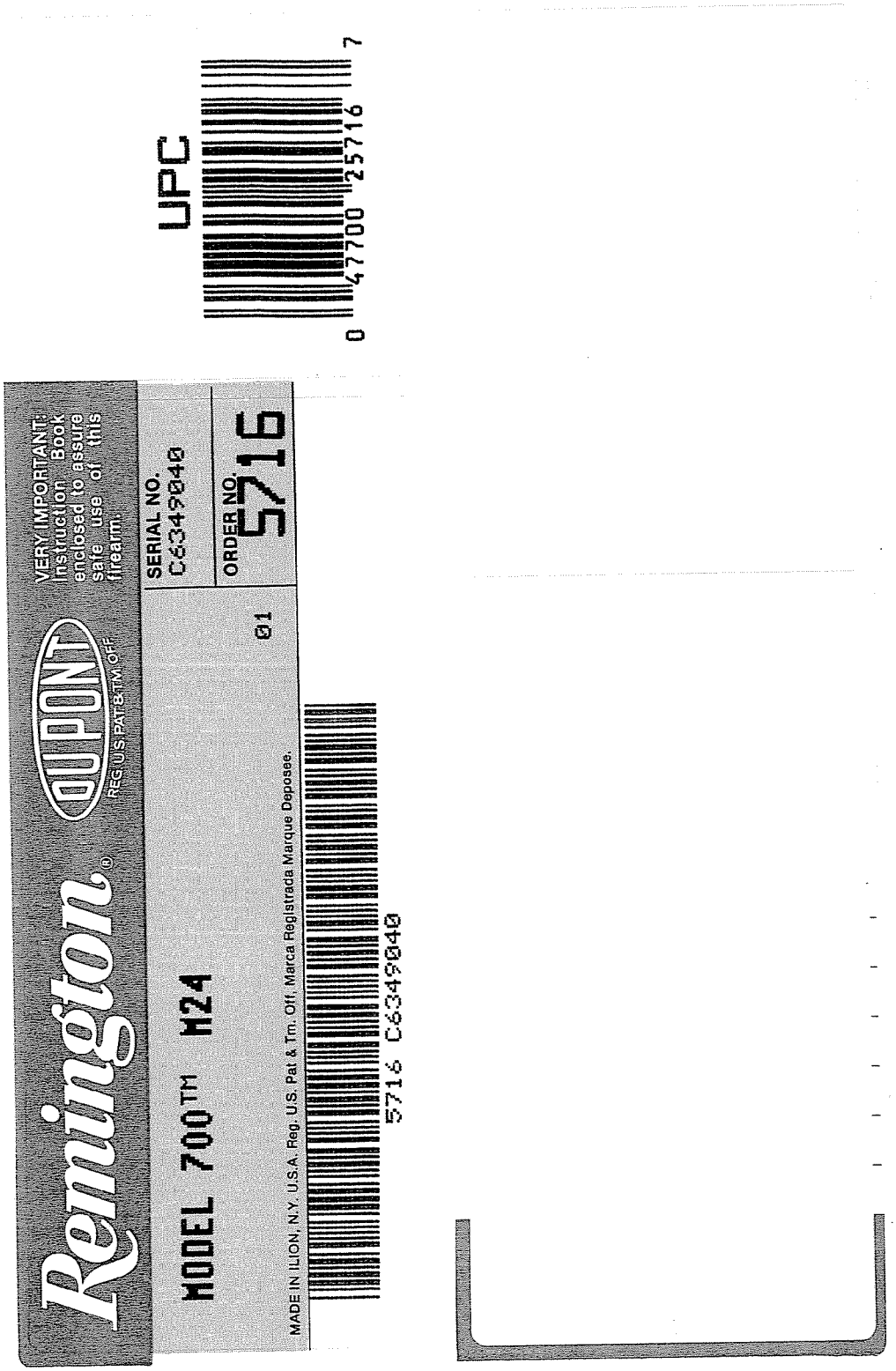
POINT#	X	Y
1:	-0.061	0.407
2:	-0.367	0.552
3:	-0.479	0.422
4:	-0.455	0.207
5:	-0.392	0.147
6:	-0.292	-0.336
7:	-0.079	-0.316
8:	0.014	-0.394
9:	0.103	-0.501
10:	0.234	-0.294



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	102797		
	CAMP SHELBY		
SERIAL NUMBER	C 634904O		
LOG-IN DATE	11-2-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITI
550	DIS-ASSEMBLE GUN	11-2-05	AC
560 A	RE-BARREL	11-7-05	AC
B	DRILL AND TAP	11-11-05	BR
575	ASSEMBLE	11-14-05	CD
600	PROOF MAGNA-FLUX INSPECTED	11-14-05	CD
605	CHECK HEADSPACE NOV 15 2005	11-14-05	CD
610	DIS-ASSEMBLE GUN	11-14-05	CD
612	MAGNAFLUX OPERATOR cw mck	11/15/05	cmck
615	ROLLMARK CALIBER	11-15-05	CW
618	ROTO-BLAST	11-16-05	LB
620	APPLY COATINGS	11/16/05	HP
625 A	FINAL ASSEMBLY	11-17-05	BG
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	11-23-05	AC
D	SAFETY "OFF" FORCE	11-23-05	AC
E	FIRING PIN INDENT	11-23-05	AC
640	TARGET	11-22-05	MJM
655	FINAL INSPECT	11-23-05	AC
660	PACK	[redacted]	
		12-1-05	DR
		SHIP DATE	
	QAR INSPECTION DATE		


Remington
DUPONT
REG. U.S. PAT. & T.M. OFF.
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ M24
SERIAL NO. C6349040
ORDER NO. 5716
01
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.
5716 C6349040
UPC
0 47700 25716 7

RC50

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349040

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 12	90	RW
600	Proof	1 12	90	
607	Check Headspace	1 12	90	
610	Dis-assemble Gun	1 13	90	RW
612	Magnaflux Barrel Action	1-16-90		KCR
	Magnaflux Bolt	1-17-90		KCR
615	Rollmark Caliber		1/17/90	GS
617	Drill and Tap Sight Holes		1/19/90	KB
618	Polish Barrel RB		1/22/90	WB
620	Apply Coatings (Barrel Action)		1/23/90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/24/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/24/90	RW
	C) Inspect Ejector Hole for Chamfer		1/24/90	RW
	D) Oil Firing Pin Ass'y		1/24/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1/24/90	RW

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	6	6	6	1-31-90	RC
	G) Safety Off Force	3	3	3	1-31-90	RC
	H) Trigger Pull Test & Retainability				31Jan90	GS
	I) Firing Pin Indent	.023	.023	.023	1-31-90	RC
	J) Assemble Stock				2/27/90	RW
	K) Assemble Swivel Studs				3/15/90	WB
	L) Attach Front and Rear Sight Assemblies				2/27/90	RW
	M) Iron Sight Alignment				2/27/90	RW
	N) Detach Front & Rear Sights & place in numbered container				2/27/90	RW
	O) Attach Scope to Rifle				2/27/90	WB
	P) Detach & Attach Scope 20 Times				2/27/90	WB
640	Gallery Target & Test				2-27-90	AC
	A) Time				2-27-90	AC
	B) Malfunctions				2-27-90	AC
	C) Pierced Primers				2-27-90	AC
	D) Optical Clearity of Scope				2-27-9	AC
645	Inspect for Live Ammo				2-27-90	AC
655	Final Inspection A) Headspace				15Mar90	GS
	B) Trigger Pull	2.37	2.10	2.21	2.21 2.22	15Mar90 GS
	C) Function				15Mar90	GS
660	Pack				19Mar90	GS

SWS TRIGGER PULL TEST

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

SERIAL NO. C6349040
DATE 31 Jan 90
TESTER [illegible]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.63	2.43	2.65	2.37	MIN. SETTING,
PULL #2	2.46	2.48	2.40	2.10	NO AVG. OF 5
PULL #3	2.57	2.51	2.40	2.21	READINGS ACCEPT-
PULL #4	2.61	2.47	2.41	2.21	ABLE LESS THAN 2#
PULL #5	2.51	2.34	2.39	2.22	
TOTAL	12.78	12.23	12.35	11.16	
AVG.	2.556	2.446	2.47	2.232	

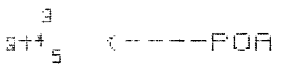
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.12		
PULL #2	3.23	3.11		
PULL #3	3.25	3.10		
PULL #4	3.23	3.07		
PULL #5	3.24	3.19		
TOTAL	16.21	15.59		
AVG.	3.242	3.118		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.06	4.10		4.19
PULL #2	4.09	4.19		4.24
PULL #3	4.02	4.24		4.28
PULL #4	4.05	4.31		4.28
PULL #5	4.16	4.30		4.27
TOTAL	20.36	21.14		21.26
AVG.	4.072	4.228		4.252

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349040
28 Feb 1990

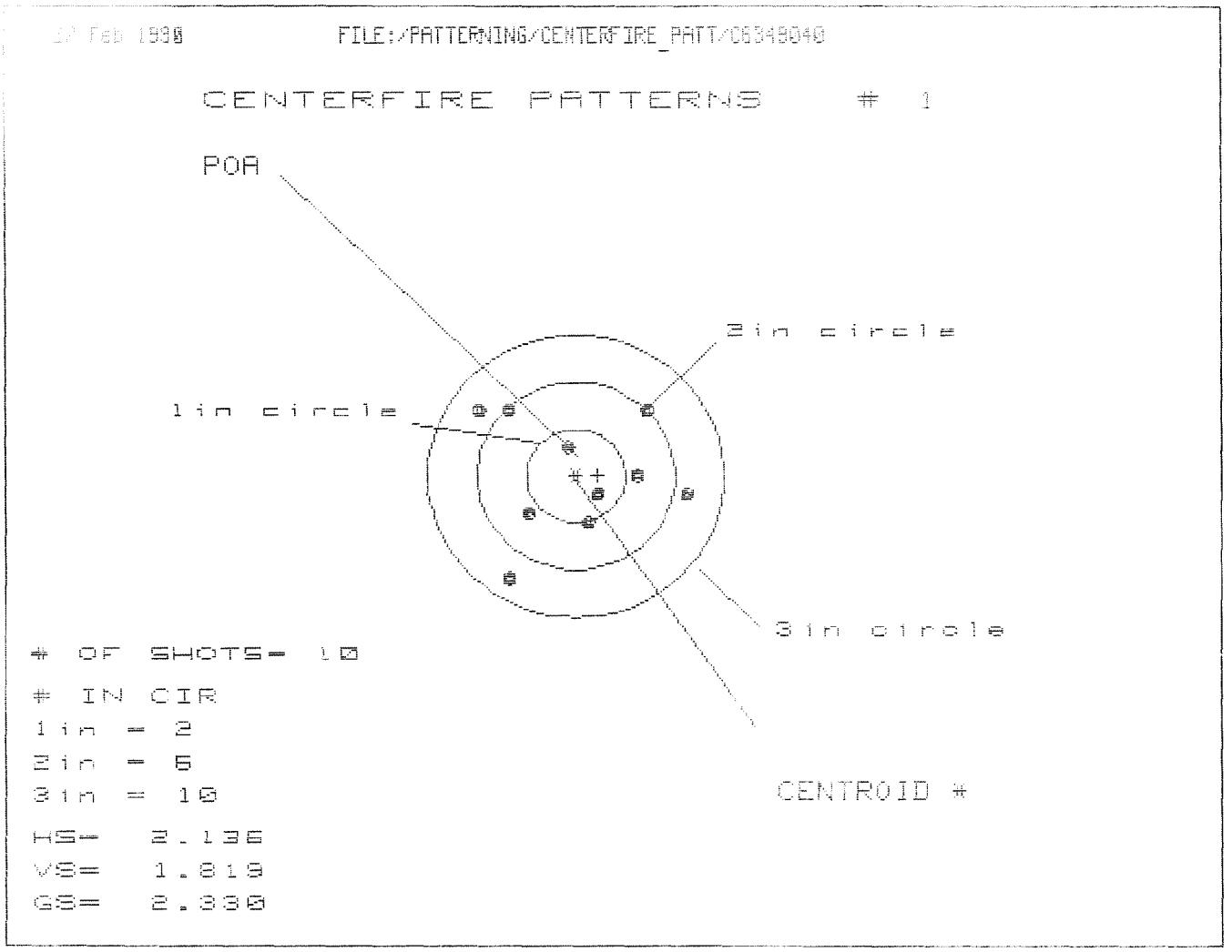
CENTROIDAL DISTANCES

0	TO	1	.222081
1	TO	2	.060803
1	TO	3	.795016
1	TO	4	.496424
1	TO	5	.844076

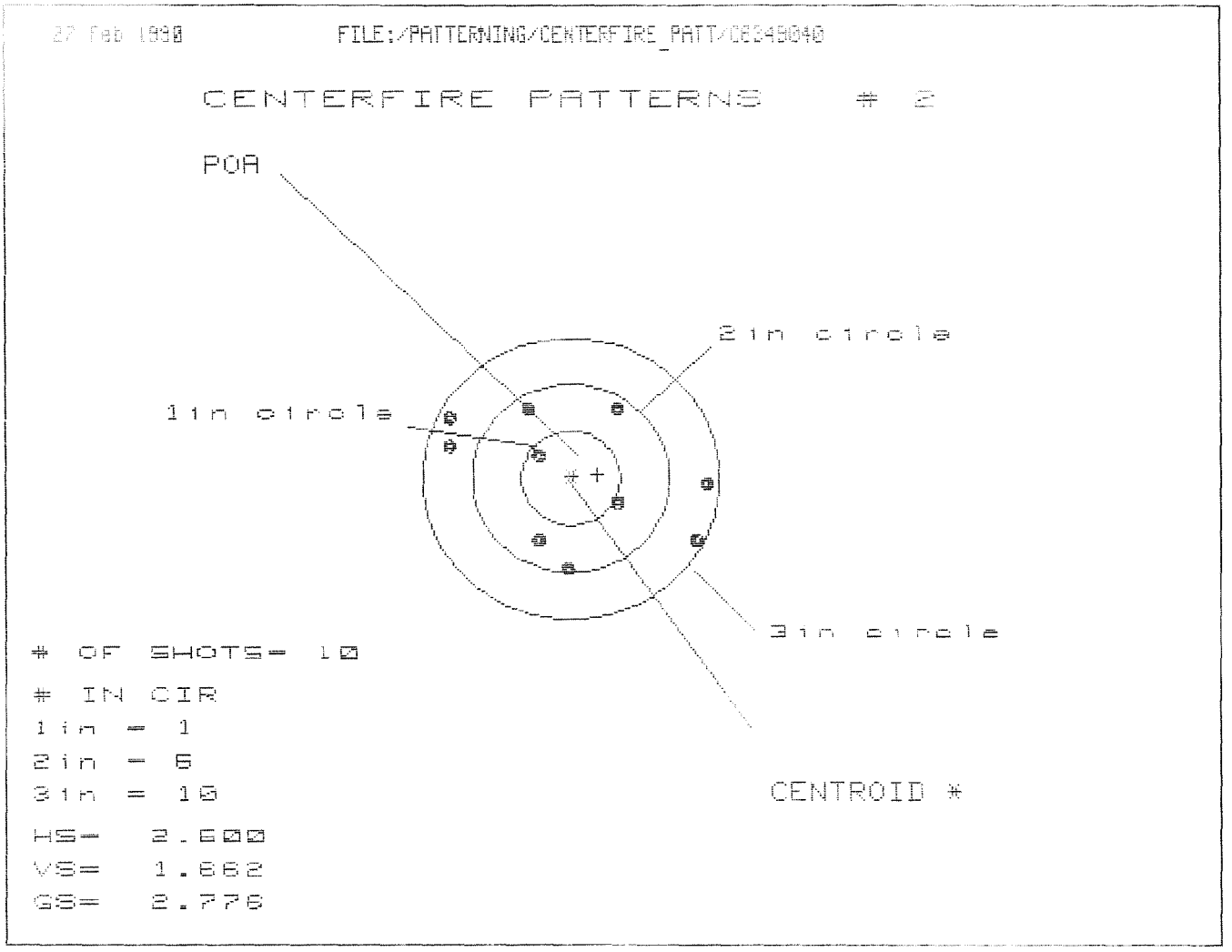


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1544
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0414
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .159854

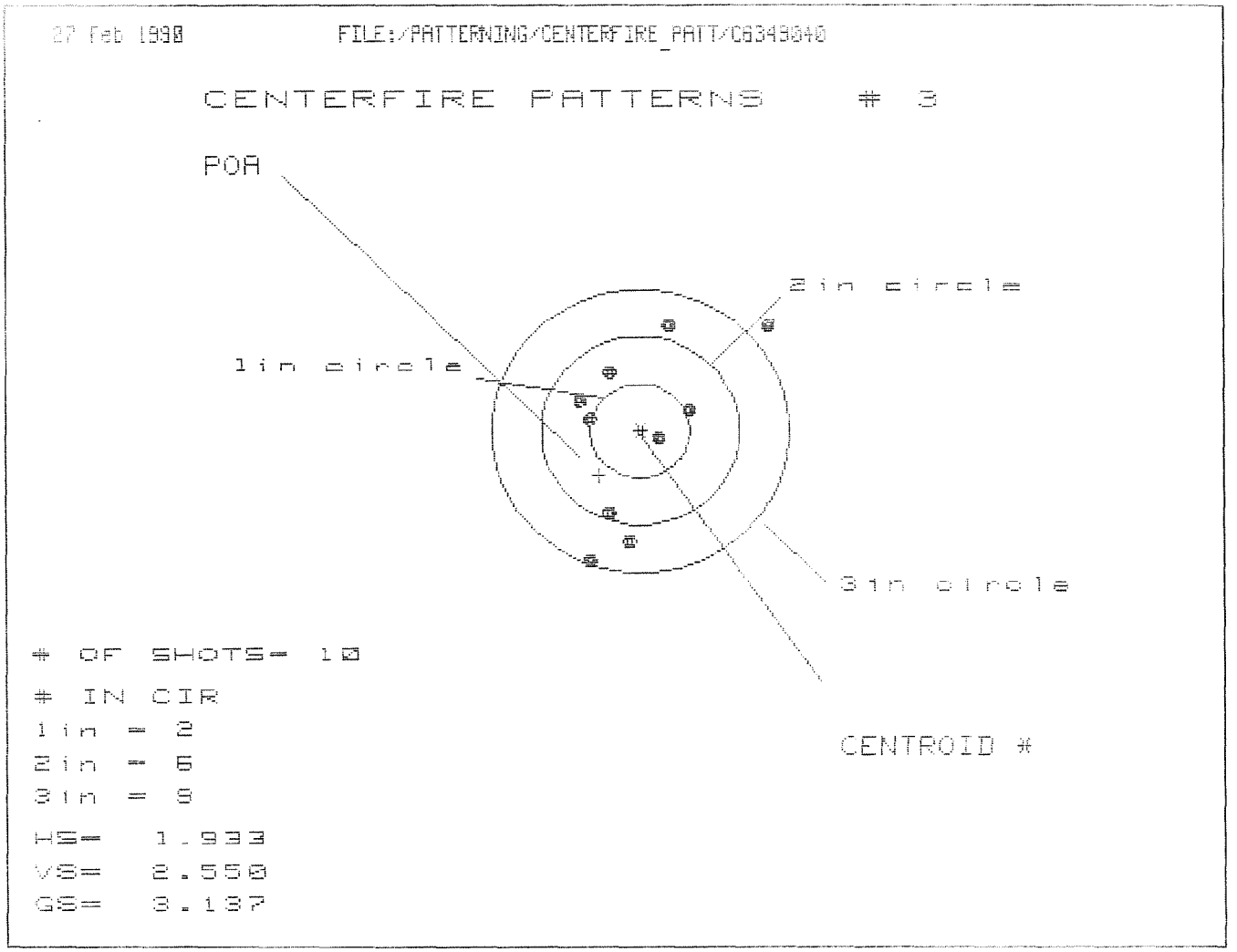
THE AMR FOR THIS RIFLE IS: .9738



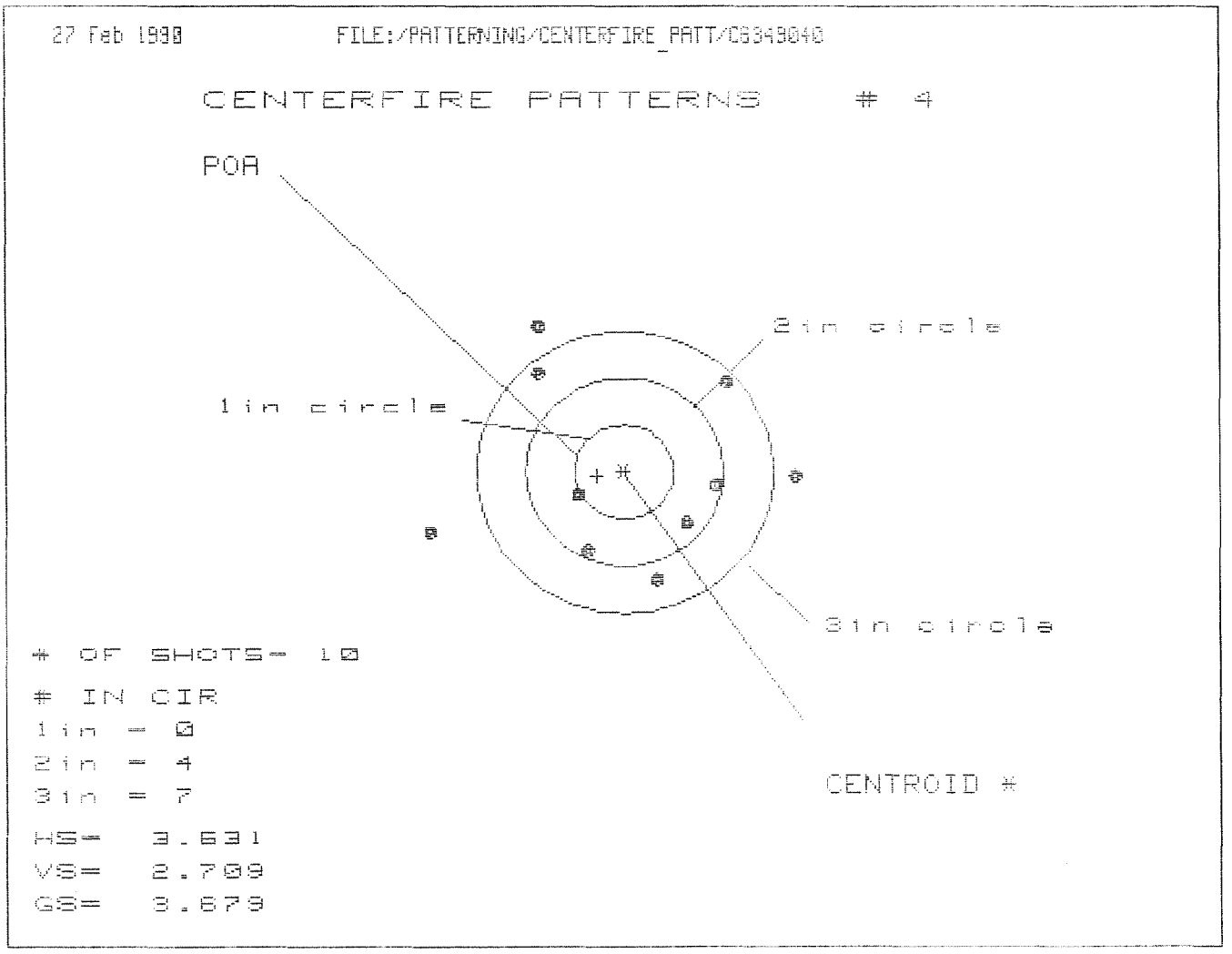
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.161	1.082	.950
MINIMUM X	:	-.975	-1.054	-.844
MAXIMUM Y	:	.732	.612	.684
MINIMUM Y	:	-1.087	-.621	-.549
CENTROID X	:	-.222	-.143	-.011
CENTROID Y	:	-.006	.114	.042
POA TO CENTROID in.	:	.222	.183	.043
MIN RADIUS	:	.265	.195	.231
MEAN RADIUS	:	.791	.730	.655
MAX RADIUS	:	1.301	1.203	1.086
HORIZONTAL SPREAD	:	2.136	2.136	1.794
VERTICAL SPREAD	:	1.819	1.233	1.233
EXTREME SPREAD	:	2.330	2.330	2.087
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	



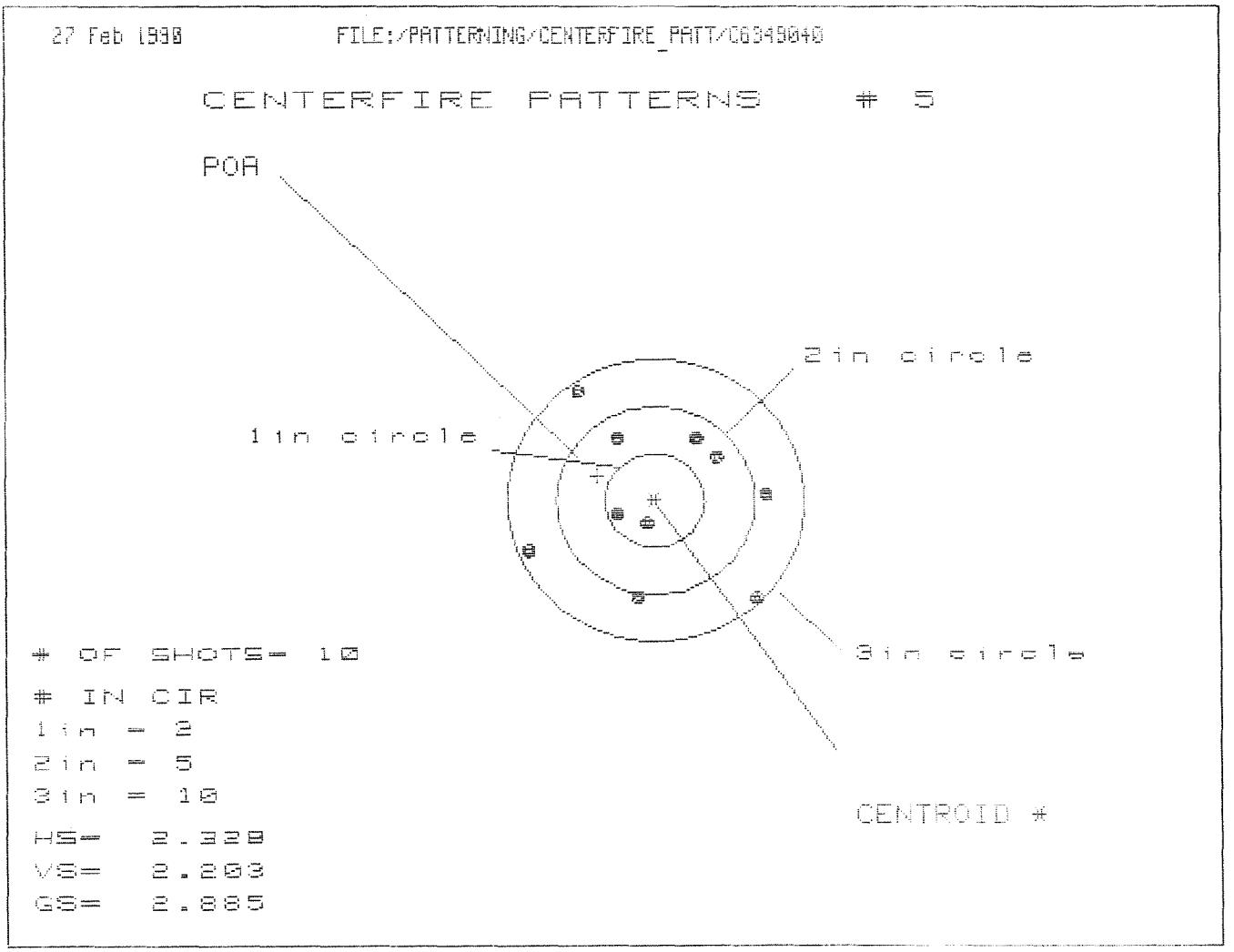
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.326	1.466	1.336
MINIMUM X	:	-1.274	-1.134	-1.264
MAXIMUM Y	:	.733	.660	.733
MINIMUM Y	:	-.929	-1.002	-.929
CENTROID X	:	-.271	-.411	-.281
CENTROID Y	:	-.042	.031	-.042
POA TO CENTROID in.	:	.274	.412	.284
MIN RADIUS	:	.370	.218	.363
MEAN RADIUS	:	.972	.904	.868
MAX RADIUS	:	1.422	1.477	1.340
HORIZONTAL SPREAD	:	2.600	2.600	2.600
VERTICAL SPREAD	:	1.662	1.662	1.662
EXTREME SPREAD	:	2.776	2.632	2.632
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.338	.649	.607
MINIMUM X	:	-.595	-.447	-.489
MAXIMUM Y	:	1.174	1.216	1.060
MINIMUM Y	:	-1.376	-1.245	-1.151
CENTROID X	:	.411	.263	.305
CENTROID Y	:	.475	.344	.500
POA TO CENTROID in.	:	.628	.433	.586
MIN RADIUS	:	.218	.362	.327
MEAN RADIUS	:	.894	.790	.704
MAX RADIUS	:	1.780	1.291	1.151
HORIZONTAL SPREAD	:	1.933	1.096	1.096
VERTICAL SPREAD	:	2.550	2.461	2.211
EXTREME SPREAD	:	3.137	2.569	2.243
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.682	1.465	1.325
MINIMUM X	:	-1.949	-1.119	-1.202
MAXIMUM Y	:	1.544	1.472	1.170
MINIMUM Y	:	-1.165	-1.237	-1.053
CENTROID X	:	.272	.489	.629
CENTROID Y	:	.043	.115	-.069
POA TO CENTROID in.	:	.276	.502	.633
MIN RADIUS	:	.528	.702	.471
MEAN RADIUS	:	1.260	1.158	1.020
MAX RADIUS	:	2.054	1.849	1.677
HORIZONTAL SPREAD	:	3.631	2.584	2.527
VERTICAL SPREAD	:	2.709	2.709	2.223
EXTREME SPREAD	:	3.679	3.040	2.762
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.093	1.209	1.121
MINIMUM X	:	-1.235	-1.119	-1.208
MAXIMUM Y	:	1.136	1.018	.712
MINIMUM Y	:	-1.067	-1.151	-1.024
CENTROID X	:	.582	.466	.554
CENTROID Y	:	-.263	-.145	-.272
POA TO CENTROID in.	:	.639	.488	.618
MIN RADIUS	:	.281	.380	.264
MEAN RADIUS	:	.952	.883	.826
MAX RADIUS	:	1.490	1.312	1.330
HORIZONTAL SPREAD	:	2.328	2.328	2.328
VERTICAL SPREAD	:	2.203	2.169	1.736
EXTREME SPREAD	:	2.885	2.408	2.408
NUMBER IN CIR SHOT GROUP	:		9	