06225451

MODEL 700™ M24

Model SWS™

Action

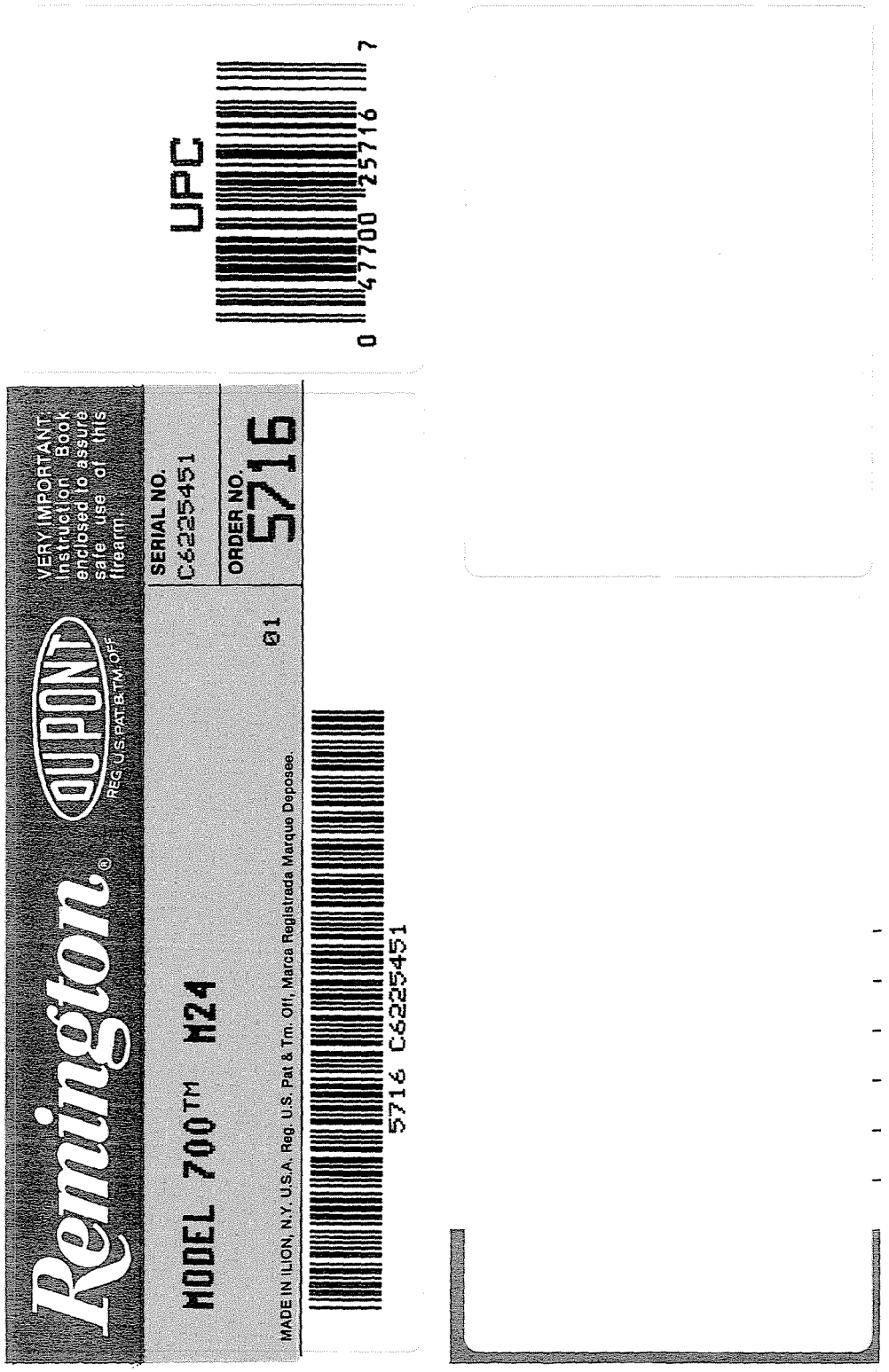
Barrel Length

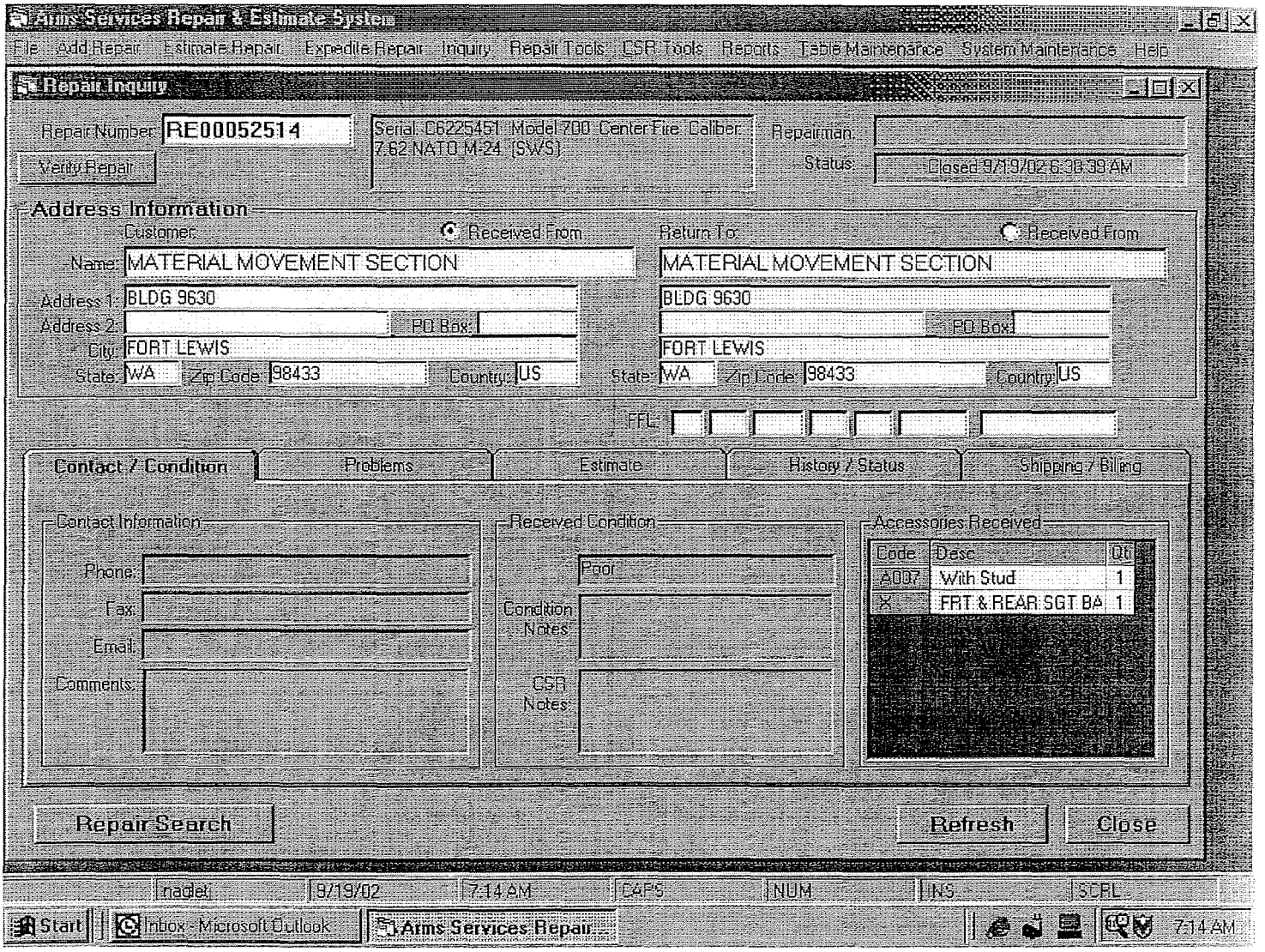
Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®


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.
C6225451
ORDER NO.
5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.
01
UPC
0 47700 25716 7
5716 C6225451



Serial Number: C6225451

Model: 700

RE00052514

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225451.__0
FILE DATE AND TIME: 10/09/2002 14:12

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

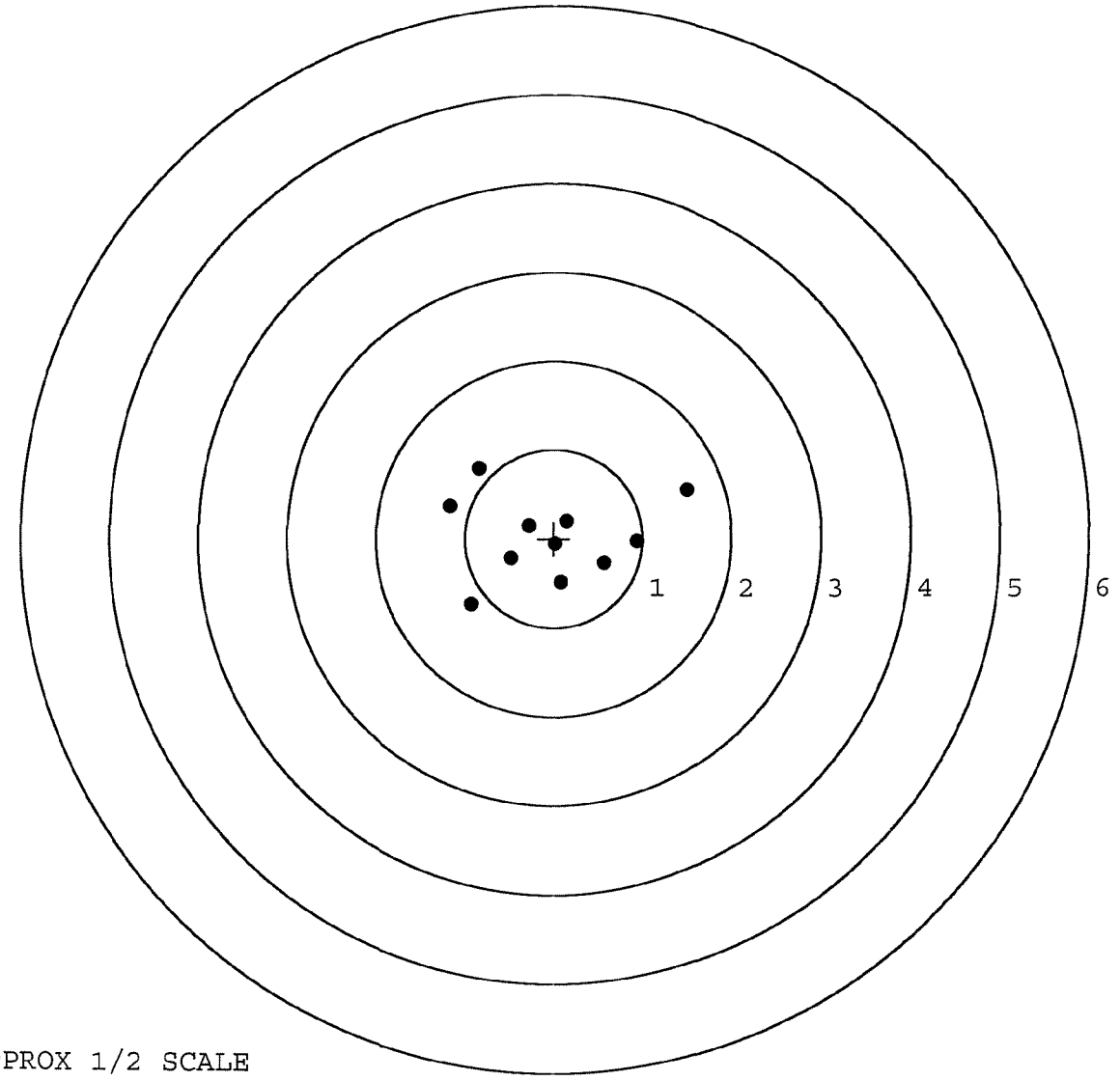
The Average X Centroid of the Five Target Set:	-0.049
The Average Y Centroid of the Five Target Set:	-0.011
The Average Point of Impact of the Five Target Set:	0.050
The Average Mean Radius of the Five Target Set:	0.640
The Distance from POA to Centroid Target #1:	0.047
The Distance from Centroid Target #2 to Centroid Target #1:	0.036
The Distance from Centroid Target #3 to Centroid Target #1:	0.092
The Distance from Centroid Target #4 to Centroid Target #1:	0.025
The Distance from Centroid Target #5 to Centroid Target #1:	0.088

BARBER - M24 0061059

SERIAL NUMBER: C6225451.__0
TARGET NUMBER: 1
FILE DATE: 10/09/2002
FILE TIME: 14:12

X CENTROID:	-0.043
Y CENTROID:	0.019
POA TO CENTROID:	0.047
HORZ SPREAD:	2.672
VERT SPREAD:	1.527
GROUP SPREAD:	2.743
MIN RADIUS:	0.102
MAX RADIUS:	1.624
MEAN RADIUS:	0.765
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.018	-0.062
2:	1.494	0.543
3:	0.938	-0.035
4:	0.573	-0.277
5:	0.142	0.194
6:	0.081	-0.497
7:	-0.283	0.141
8:	-0.481	-0.220
9:	-0.932	-0.738
10:	-1.178	0.370
11:	-0.850	0.789



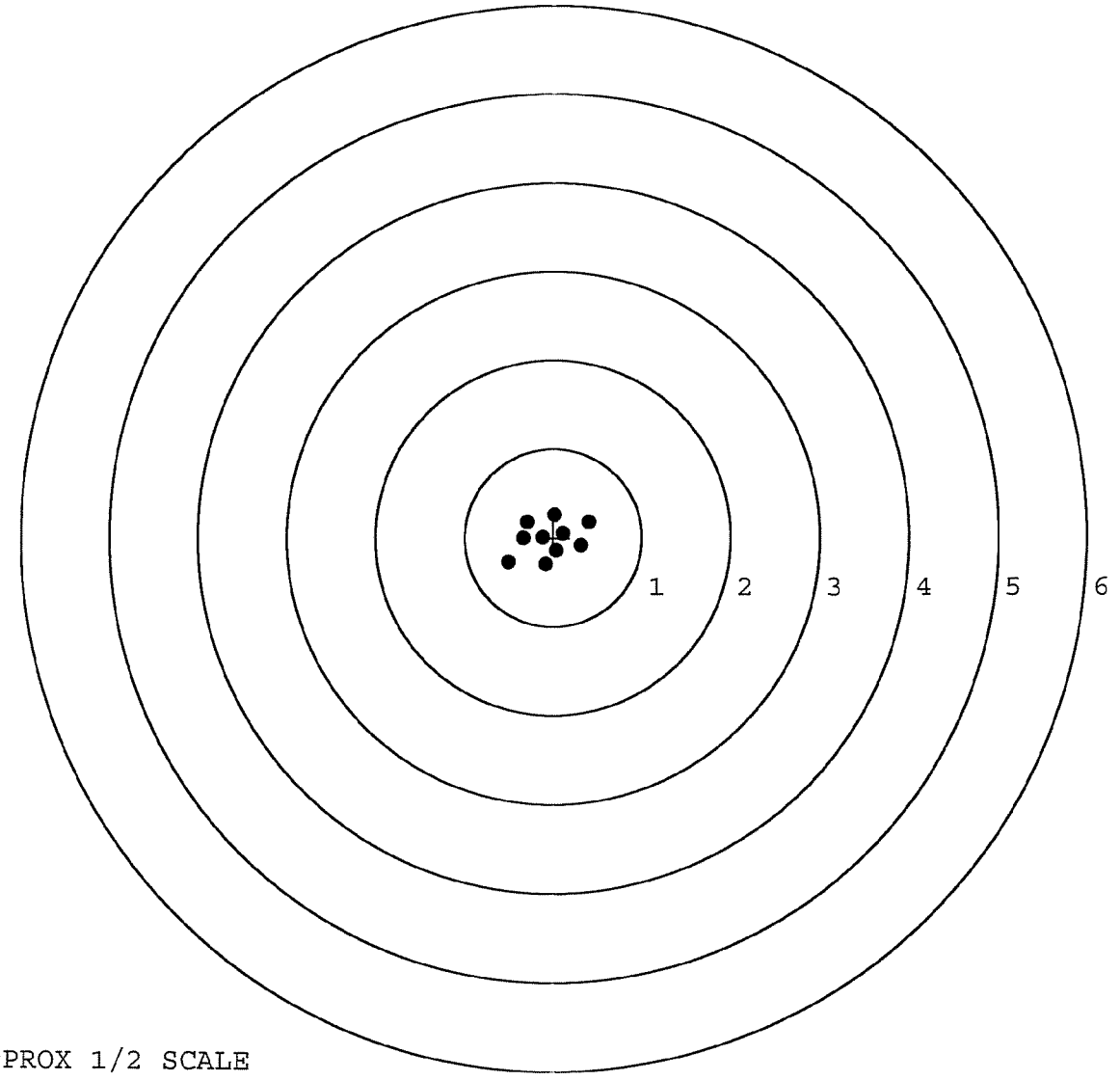
TARGET APPROX 1/2 SCALE

BARBER - M24 0061060

SERIAL NUMBER: C6225451.__0
TARGET NUMBER: 2
FILE DATE: 10/09/2002
FILE TIME: 14:12

X CENTROID:	-0.047
Y CENTROID:	-0.017
POA TO CENTROID:	0.050
HORZ SPREAD:	0.915
VERT SPREAD:	0.554
GROUP SPREAD:	1.022
MIN RADIUS:	0.079
MAX RADIUS:	0.530
MEAN RADIUS:	0.299
# IN 1 IN DIAMETER:	9
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.510	-0.275
2:	-0.087	-0.300
3:	-0.345	-0.007
4:	-0.297	0.176
5:	0.019	0.254
6:	0.405	0.180
7:	0.320	-0.091
8:	0.038	-0.153
9:	-0.124	-0.001
10:	0.113	0.047

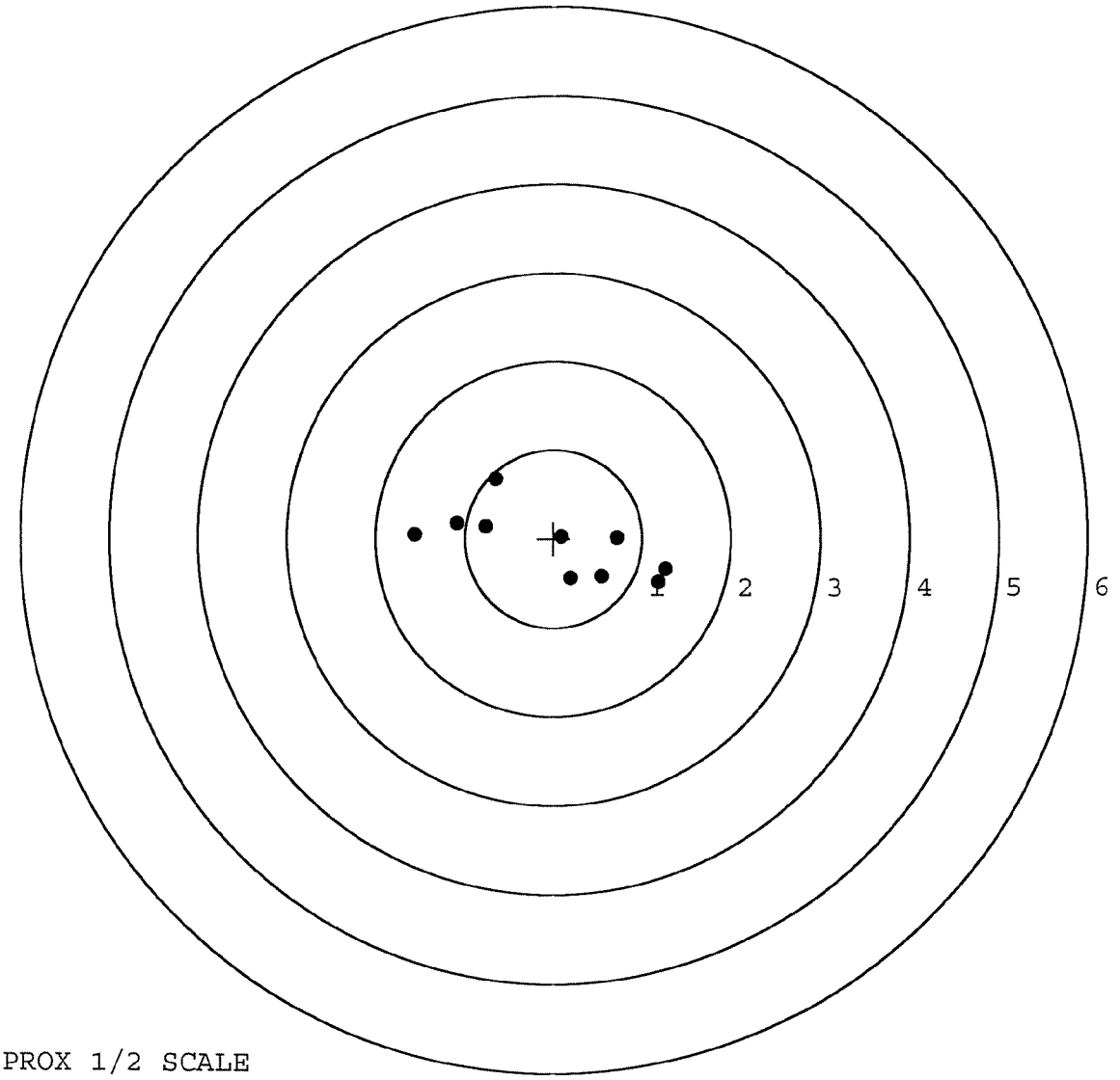


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225451.__0
TARGET NUMBER: 3
FILE DATE: 10/09/2002
FILE TIME: 14:12

X CENTROID:	-0.008
Y CENTROID:	-0.066
POA TO CENTROID:	0.067
HORZ SPREAD:	2.828
VERT SPREAD:	1.170
GROUP SPREAD:	2.856
MIN RADIUS:	0.137
MAX RADIUS:	1.561
MEAN RADIUS:	0.897
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.263	-0.351
2:	1.183	-0.499
3:	0.719	0.008
4:	0.542	-0.433
5:	0.194	-0.449
6:	0.093	0.025
7:	-0.763	0.140
8:	-1.091	0.175
9:	-0.659	0.671
10:	-1.565	0.049

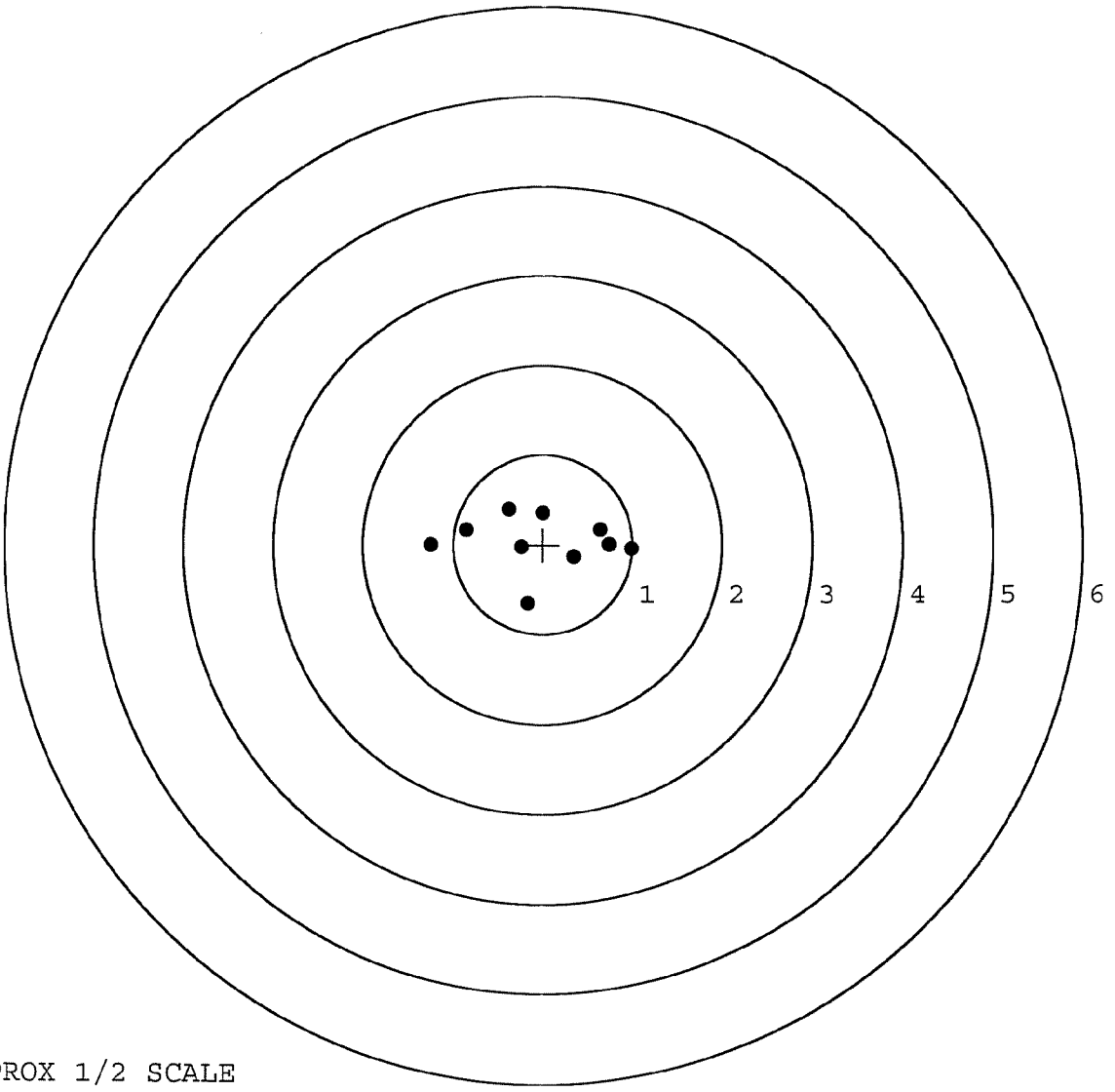


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225451.__0
TARGET NUMBER: 4
FILE DATE: 10/09/2002
FILE TIME: 14:12

X CENTROID:	-0.019
Y CENTROID:	0.021
POA TO CENTROID:	0.028
HORZ SPREAD:	2.240
VERT SPREAD:	1.059
GROUP SPREAD:	2.241
MIN RADIUS:	0.228
MAX RADIUS:	1.233
MEAN RADIUS:	0.672
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.171	-0.662
2:	-1.251	0.002
3:	-0.855	0.170
4:	-0.386	0.397
5:	-0.003	0.355
6:	-0.241	-0.030
7:	0.347	-0.136
8:	0.644	0.171
9:	0.742	-0.006
10:	0.989	-0.047



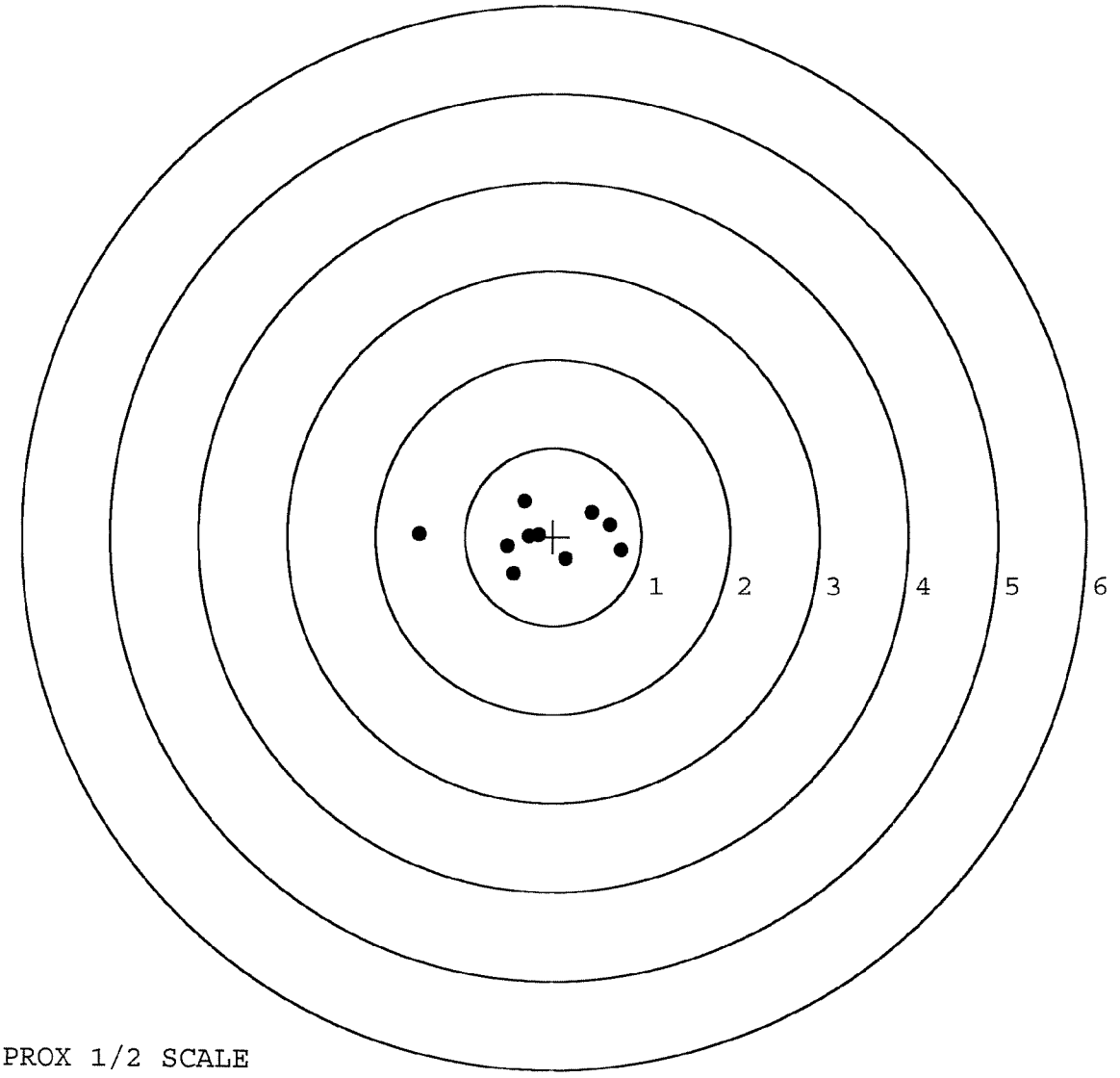
TARGET APPROX 1/2 SCALE

BARBER - M24 0061063

SERIAL NUMBER: C6225451.__0
TARGET NUMBER: 5
FILE DATE: 10/09/2002
FILE TIME: 14:12

X CENTROID:	-0.126
Y CENTROID:	-0.010
POA TO CENTROID:	0.127
HORZ SPREAD:	2.285
VERT SPREAD:	0.815
GROUP SPREAD:	2.293
MIN RADIUS:	0.048
MAX RADIUS:	1.386
MEAN RADIUS:	0.566
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.773	-0.156
2:	0.646	0.127
3:	0.439	0.268
4:	-0.331	0.397
5:	0.140	-0.253
6:	-0.168	0.014
7:	-0.522	-0.112
8:	-0.450	-0.418
9:	-1.512	0.032
10:	-0.279	-0.002



TARGET APPROX 1/2 SCALE

SWS/Repair

Final Inspection

D: CL022545	DATE REC'D: 9/19/02	DATE RET'D: 10/14/02

EDITOR: RL

Item:

Barrel Assy.
- ✓ Barrel
- ✓ Receiver
- ✓ Front Sight Block
- ✓ Rear Sight Block
- ✓ Screws
- ✓ Finish

Scope Assy.
- ___ Scope
- ___ Scope Rings
- ✓ Mounting Screws
- ✓ Mounting Base
- ___ Screws
- ___ Finish
- ___ Looseness
- ___ Clarity

Misc.
- ___ DD-250
- ___ Bar Code
- ___ Packaging

Item:

Stock Assy.
- ✓ Stock
- ✓ Sling Swivel Studs
- ✓ Adjustable Butt Plate
- ✓ Lock Nuts
- ✓ Barrel Clearance
- ✓ Color/Finish

Systems Case
- ___ Scope Case
- ___ Iron Sights
- ___ Deployment Kit

Trigger
- ✓ Safety Operation
- ___ Set
- ___

Comments: _____

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER	52514		
SERIAL NUMBER	C6225451		
LOG-IN DATE	9/18/02		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9/20/02	RL
560 A	RE-BARREL	9/20/02	DA
B	DRILL AND TAP	9-27-02	AC
575	ASSEMBLE	9/24/02	RL
600	PROOF	9-25-02	AC
605	CHECK HEADSPACE	9-25-02	AC
610	DIS-ASSEMBLE GUN	9/24/02	RL
612	MAGNAFLUX	PK	
615	ROLLMARK CALIBER	9/27/02	TD
618	ROTO-BLAST	9/30/02	KO
620	APPLY COATINGS	10-5	TA
625 A	FINAL ASSEMBLY	10/8/02	RL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-8-02	AC
655	FINAL INSPECT	10/11/02	RL
660	PACK	10-15-02	DA
		SHIP DATE	
	QAR INSPECTION DATE		

M-24

Scope 0015

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6725451

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 4	89	RW
600	Proof	4 4	89	RW
607	Check Headspace	4	4 89	RW
610	Dis-assemble Gun	4	4 89	RW
612	Magnaflux Barrel Action	4-6	89	KCR
	Magnaflux Bolt	4-7	89	KCR
615	Rollmark Caliber	4-7	89	G.S.
617	Drill and Tap Sight Holes	4 7	89	F.B
618	Polish Barrel	4 7	89	BT
620	Apply Coatings (Barrel Action)		4-19-89	TSA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/19/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/19/89	RW
	C) Inspect Ejector Hole for Chamfer		4/19/89	RW
	D) Oil Firing Pin Ass'y		4/19/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/20/89	S.S.

QUALITY AUDIT

op. #	BARBER - M24 0061067 OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force	6 | 6 | 5	4/20/89	
	G) Safety Off Force	3 | 3 | 3	4/20/89	
	H) Trigger Pull Test & Retainability		4/20/89	
	I) Firing Pin Indent	.020 | .020 | .020	4/26/89	
	J) Assemble Stock		4/26/89	
	K) Assemble Swivel Studs		27 April 89	
	L) Attach Front and Rear Sight Assemblies		4/26/89	
	M) Iron Sight Alignment		4/26/89	
	N) Detach Front & Rear Sights & place in numbered container		4/26/89	
	O) Attach Scope to Rifle		4/26/89	
	P) Detach & Attach Scope 20 Times		4/26/89	
640	Gallery Target & Test	49 R 1036	4/26/89	
	A) Time		4/26/89	
	B) Malfunctions		4/26/89	
	C) Pierced Primers		4/26/89	
	D) Optical Clearity of Scope		4/26/89	
645	Inspect for Live Ammo		4/26/89	
655	Final Inspection A) Headspace		27 April 89	
	B) Trigger Pull	269 | 272 | 266 | 275 | 275	27 April 89	
	C) Function		27 April 89	
660	Pack		27 June 89	

SWS TRIGGER PULL TEST

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

SERIAL NO. C6225451
DATE 19 April 89
TESTER JSS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.43	2.38	2.38	2.69	MIN. SETTING,
PULL #2	2.38	2.29	2.30	2.72	NO AVG. OF 5
PULL #3	2.42	2.33	2.34	2.66	READINGS ACCEPT-
PULL #4	2.51	2.42	2.34	2.75	ABLE LESS THAN 2#
PULL #5	2.38	2.58	2.37	2.75	
TOTAL	12.12	12.00	11.73	13.57	
AVG.	2.424	2.40	2.346	2.714	

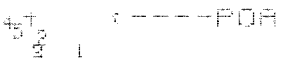
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.32	3.42		
PULL #2	3.26	3.18		
PULL #3	3.32	3.23		
PULL #4	3.34	3.26		
PULL #5	3.32	3.27		
TOTAL	16.56	16.26		
AVG.	3.312	3.252		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.18		4.23
PULL #2	4.27	4.13		4.13
PULL #3	4.22	4.22		4.16
PULL #4	4.25	4.33		4.19
PULL #5	4.29	4.18		4.19
TOTAL	21.32	20.94		20.90
AVG.	4.264	4.188		4.18

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225451
26 Apr 1989

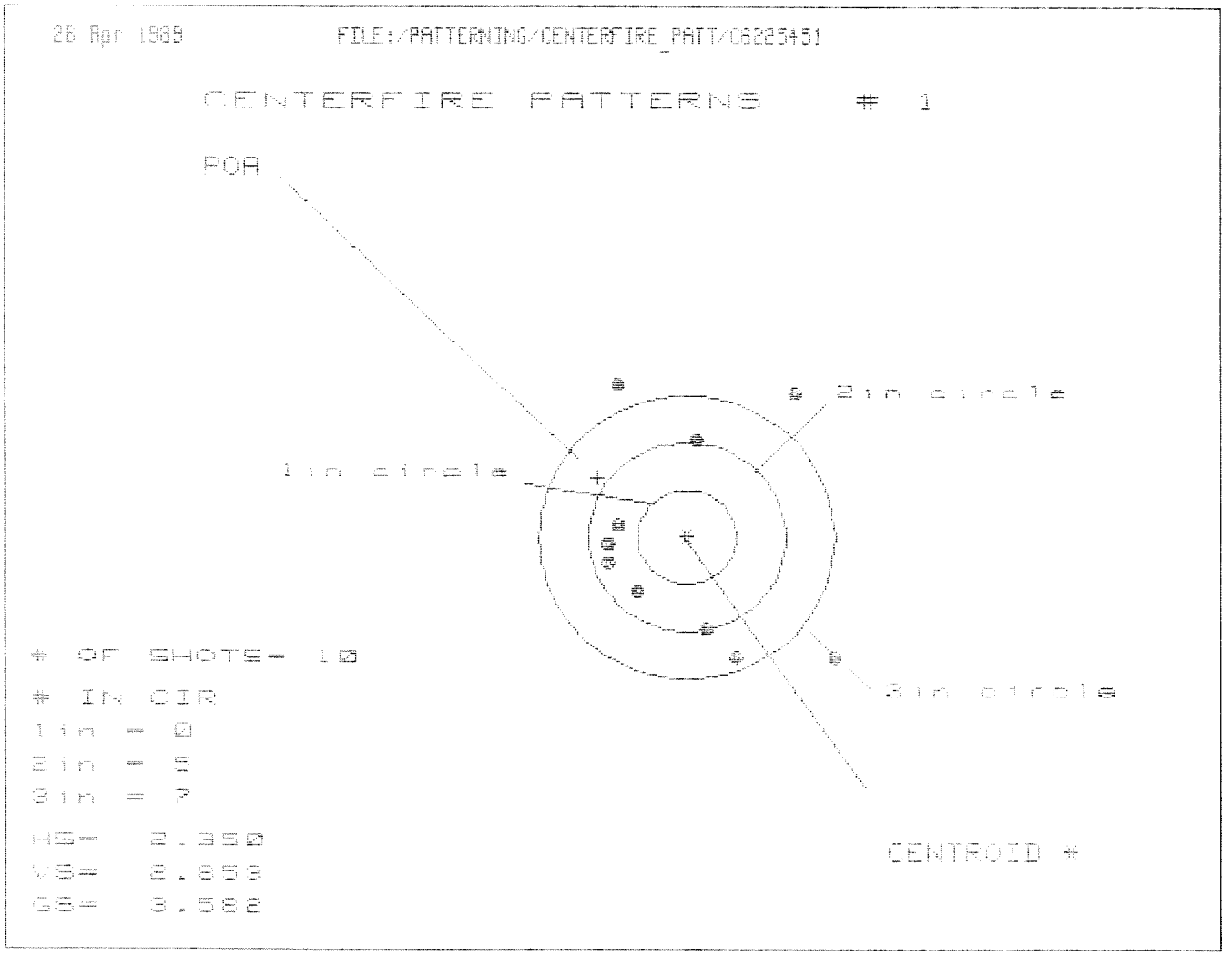
CENTROIDAL DISTANCES

0	TO	1	1.09991
1	TO	2	.741227
1	TO	3	.782081
1	TO	4	1.41719
1	TO	5	1.19705

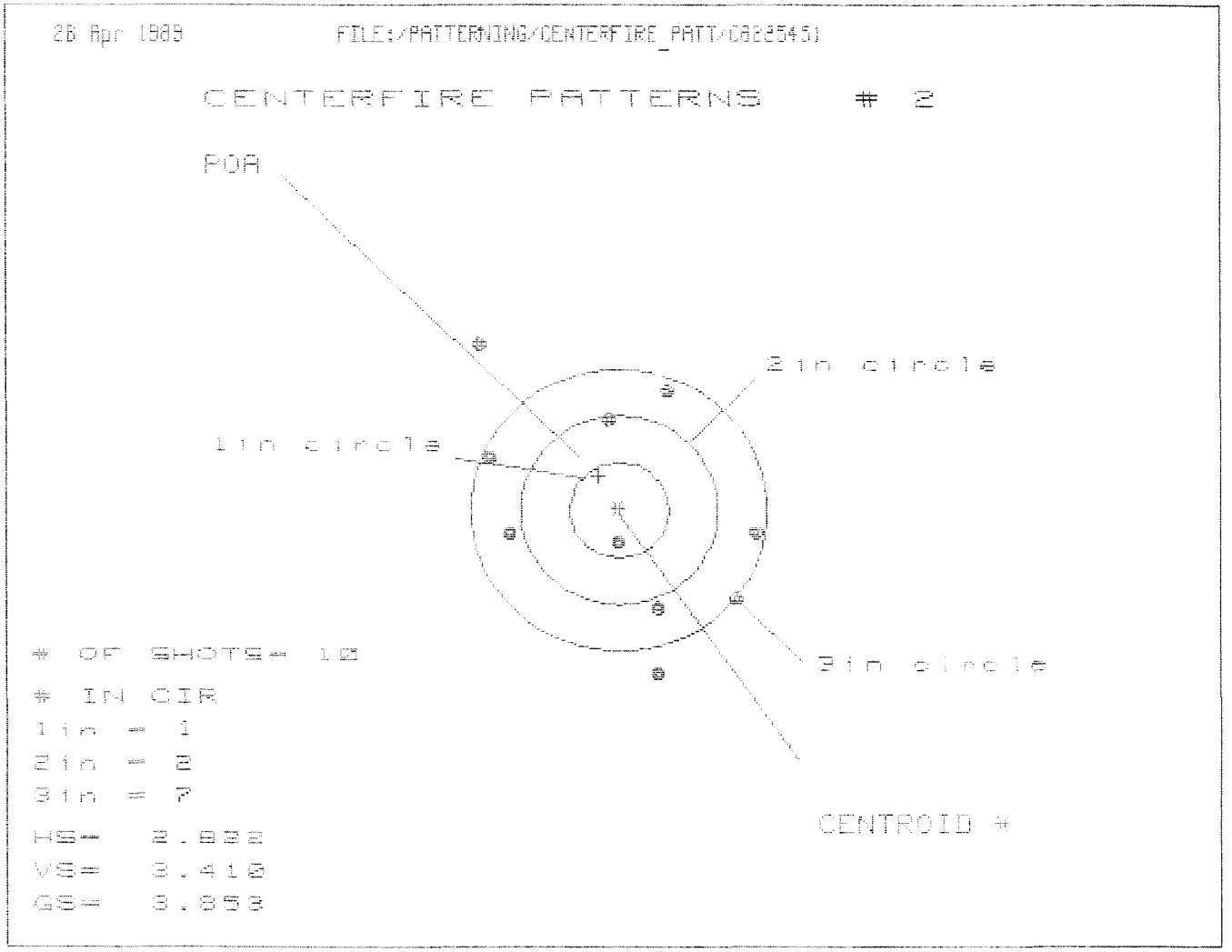


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1218
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.3852
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .403817

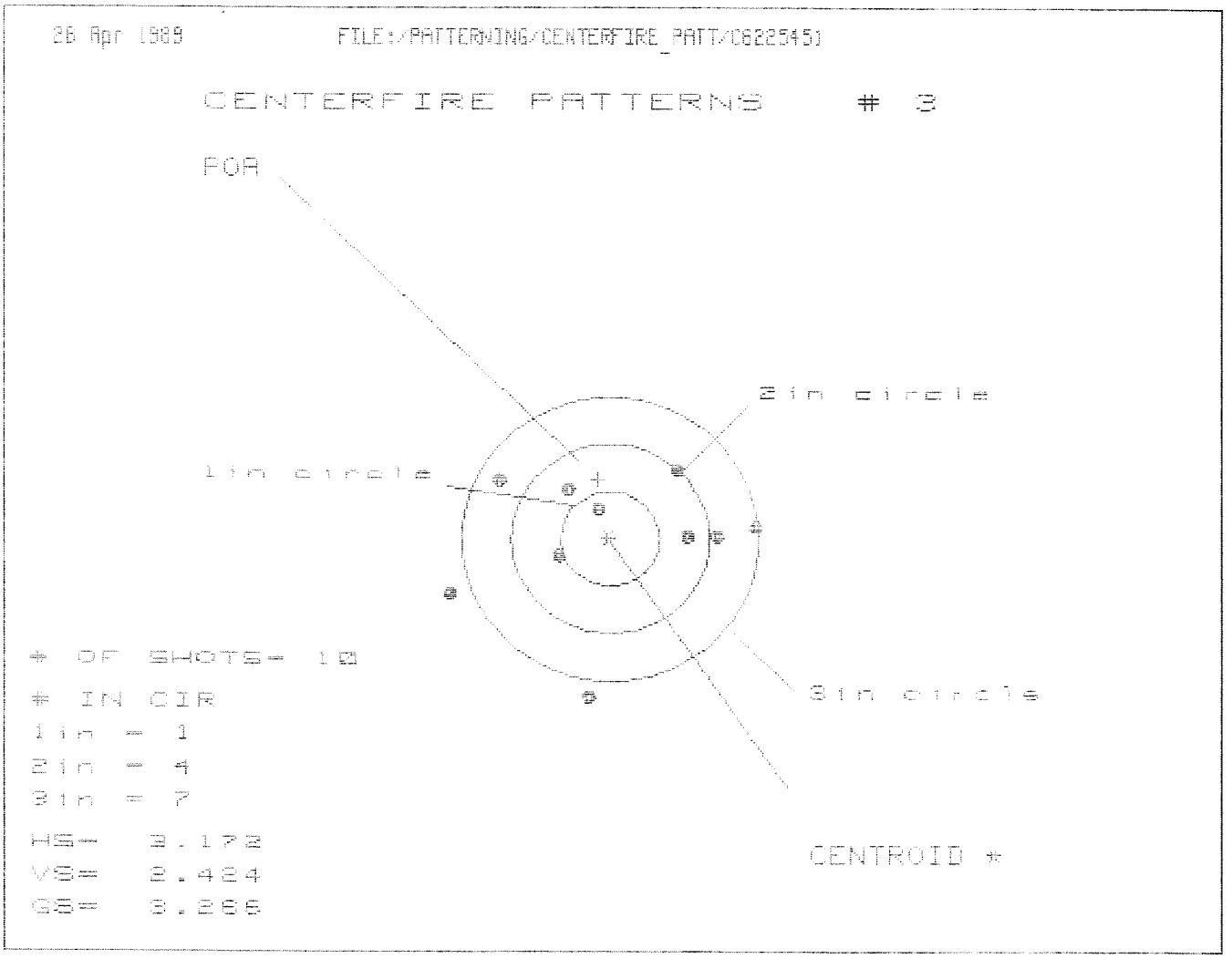
THE AMP FOR THIS RIFLE IS: 1.161



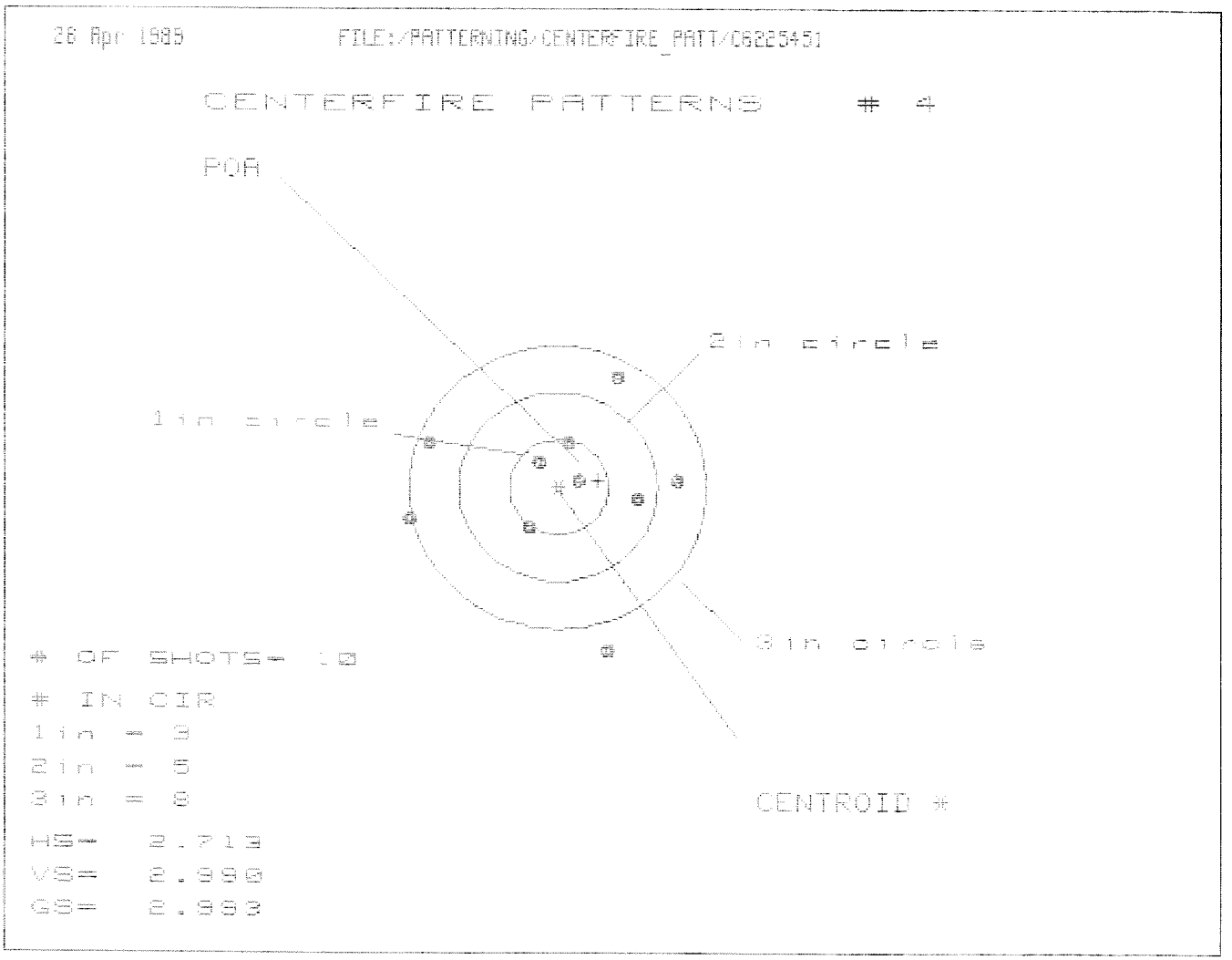
PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.531	1.307	.861
MINIMUM X	:	-.820	-.649	-.486
MAXIMUM Y	:	1.581	1.445	1.621
MINIMUM Y	:	-1.272	-1.408	-1.232
CENTROID X	:	.903	.733	.570
CENTROID Y	:	-.628	-.492	-.668
POA TO CENTROID in.	:	1.100	.883	.878
MIN RADIUS	:	.677	.496	.370
MEAN RADIUS	:	1.207	1.087	.907
MAX RADIUS	:	1.961	1.924	1.661
HORIZONTAL SPREAD	:	2.350	1.956	1.347
VERTICAL SPREAD	:	2.853	2.853	2.853
EXTREME SPREAD	:	3.582	3.104	3.104
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	



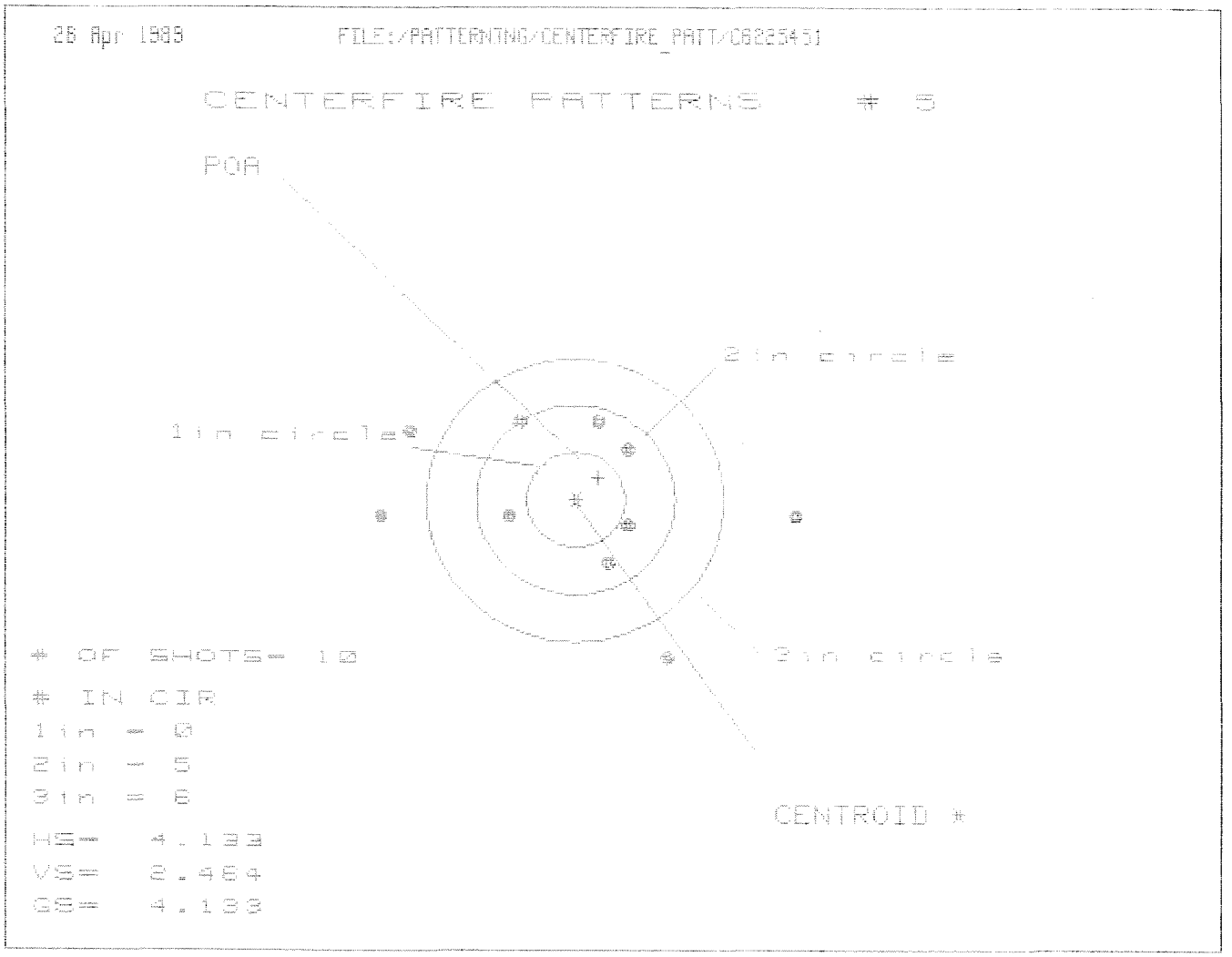
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.427	1.272	1.303
MINIMUM X	:	-1.395	-1.458	-1.427
MAXIMUM Y	:	1.720	1.454	1.267
MINIMUM Y	:	-1.690	-1.499	-1.015
CENTROID X	:	.210	.365	.334
CENTROID Y	:	-.365	-.556	-.369
POA TO CENTROID in.	:	.421	.665	.498
MIN RADIUS	:	.340	.206	.354
MEAN RADIUS	:	1.315	1.183	1.147
MAX RADIUS	:	2.214	1.643	1.538
HORIZONTAL SPREAD	:	2.822	2.730	2.730
VERTICAL SPREAD	:	3.410	2.953	2.282
EXTREME SPREAD	:	3.853	2.953	2.918
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.525	1.342	1.288
MINIMUM X	:	-1.647	-1.264	-1.317
MAXIMUM Y	:	.758	.691	.474
MINIMUM Y	:	-1.666	-1.733	-.476
CENTROID X	:	.121	.304	.357
CENTROID Y	:	-.627	-.560	-.343
POA TO CENTROID in.	:	.639	.637	.496
MIN RADIUS	:	.380	.450	.409
MEAN RADIUS	:	1.074	.984	.855
MAX RADIUS	:	1.755	1.785	1.356
HORIZONTAL SPREAD	:	3.172	2.606	2.606
VERTICAL SPREAD	:	2.424	2.424	.950
EXTREME SPREAD	:	3.266	2.642	2.642
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.189	1.244	1.060
MINIMUM X	:	-1.524	-1.469	-1.384
MAXIMUM Y	:	1.214	1.016	.957
MINIMUM Y	:	-1.776	-.608	-.667
CENTROID X	:	-.401	-.456	-.272
CENTROID Y	:	-.073	.125	.184
POA TO CENTROID in.	:	.407	.473	.329
MIN RADIUS	:	.214	.218	.154
MEAN RADIUS	:	.964	.839	.728
MAX RADIUS	:	1.844	1.545	1.403
HORIZONTAL SPREAD	:	2.713	2.713	2.444
VERTICAL SPREAD	:	2.990	1.624	1.624
EXTREME SPREAD	:	2.993	2.732	2.485
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.193	1.189	.976
MINIMUM X	:	-1.940	-1.696	-1.619
MAXIMUM Y	:	.846	.829	.810
MINIMUM Y	:	-1.618	-1.635	-1.654
CENTROID X	:	-.227	-.471	-.259
CENTROID Y	:	-.233	-.216	-.197
POA TO CENTROID in.	:	.325	.518	.325
MIN RADIUS	:	.534	.416	.576
MEAN RADIUS	:	1.247	1.138	1.041
MAX RADIUS	:	2.198	2.021	1.921
HORIZONTAL SPREAD	:	4.133	2.885	2.595
VERTICAL SPREAD	:	2.464	2.464	2.464
EXTREME SPREAD	:	4.133	3.535	3.535
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		6	