C6348802

MODEL 700™ M24

Model SWS™

Action

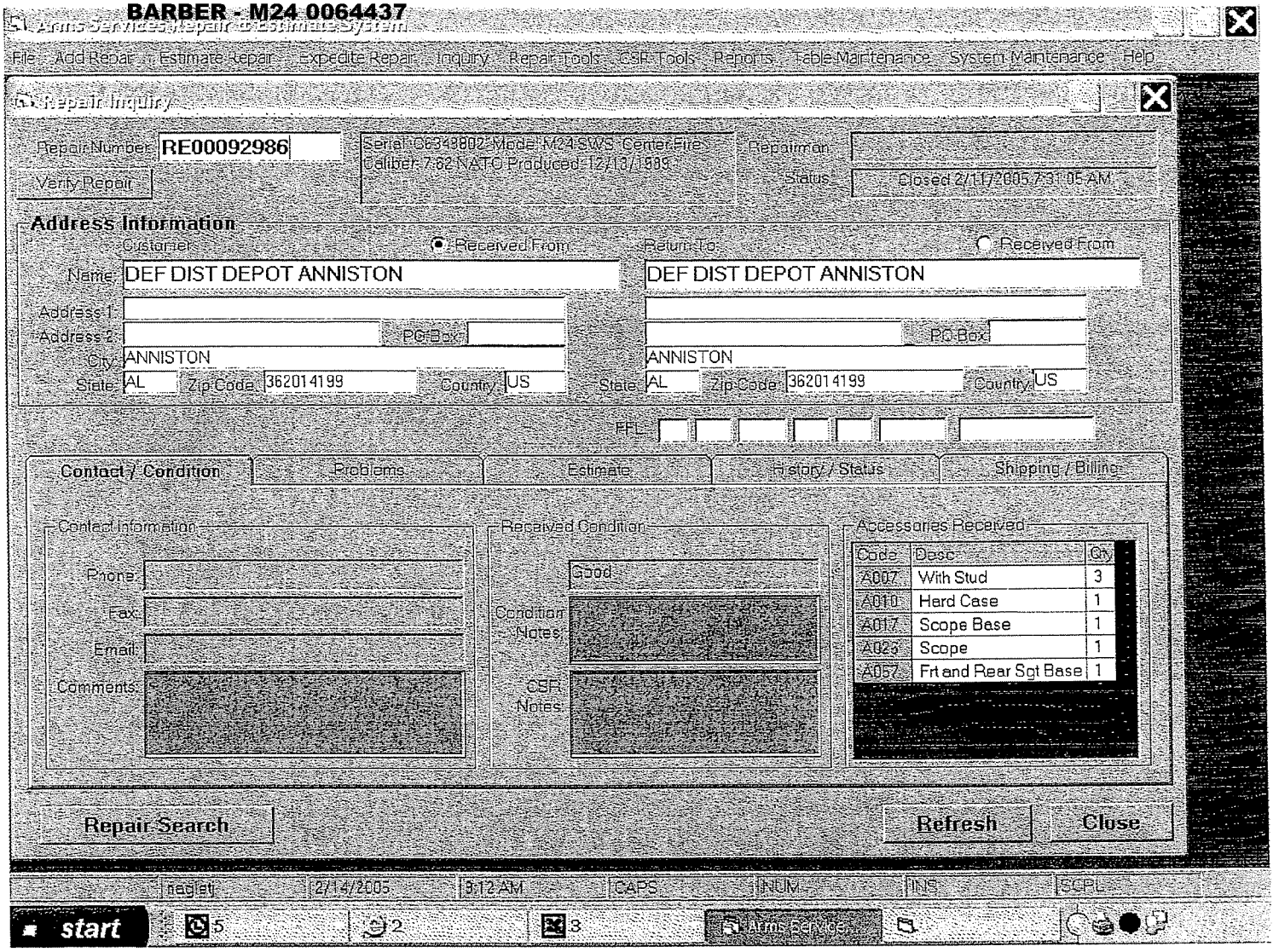
Barrel Length

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: RE00092986
Verify Repair
Serial: C6348802 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 12/13/1989
Repairman:
Status: Closed 2/11/2005 7:31:05 AM
Address Information
Customer
Received From
Return To:
Received From
Name: DEF DIST DEPOT ANNISTON
DEF DIST DEPOT ANNISTON
Address 1:
Address 2:
PO Box:
City: ANNISTON
ANNISTON
State: AL Zip Code: 362014199 Country: US
State: AL Zip Code: 362014199 Country: 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
A023 Scope 1
A057 Frt and Rear Sgt Base 1
Repair Search
Refresh
Close
neglet 2/14/2005 9:12 AM CAPS NUM INS SCRL
start


Serial Number:
C6348802
Model: M24 SWS
RE00092986

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348802.__0
FILE DATE AND TIME: 03/28/2005 09:57

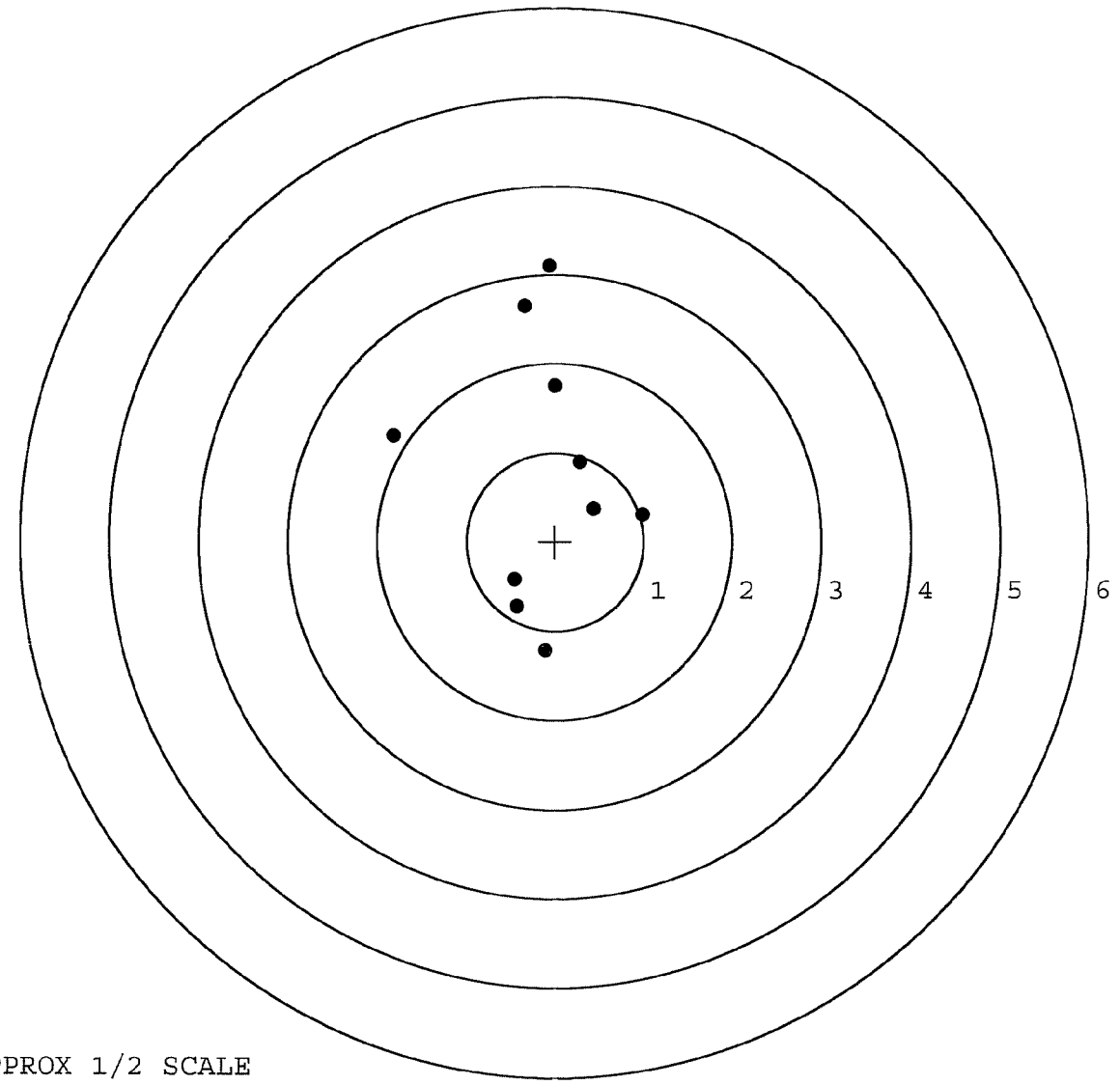
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.000
The Average Y Centroid of the Five Target Set:	0.129
The Average Point of Impact of the Five Target Set:	0.129
The Average Mean Radius of the Five Target Set:	1.018
The Distance from POA to Centroid Target #1:	0.801
The Distance from Centroid Target #2 to Centroid Target #1:	0.798
The Distance from Centroid Target #3 to Centroid Target #1:	0.623
The Distance from Centroid Target #4 to Centroid Target #1:	1.034
The Distance from Centroid Target #5 to Centroid Target #1:	0.960

SERIAL NUMBER: C6348802.__0
TARGET NUMBER: 1
FILE DATE: 03/28/2005
FILE TIME: 09:57

X CENTROID:	-0.152
Y CENTROID:	0.786
POA TO CENTROID:	0.801
HORZ SPREAD:	2.811
VERT SPREAD:	4.319
GROUP SPREAD:	4.319
MIN RADIUS:	0.451
MAX RADIUS:	2.310
MEAN RADIUS:	1.408
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	3
# in 3 IN DIAMETER:	5

POINT#	X	Y
1:	0.992	0.303
2:	0.435	0.372
3:	0.286	0.894
4:	-0.461	-0.428
5:	-0.436	-0.731
6:	-0.114	-1.225
7:	0.005	1.746
8:	-1.819	1.191
9:	-0.341	2.644
10:	-0.065	3.094

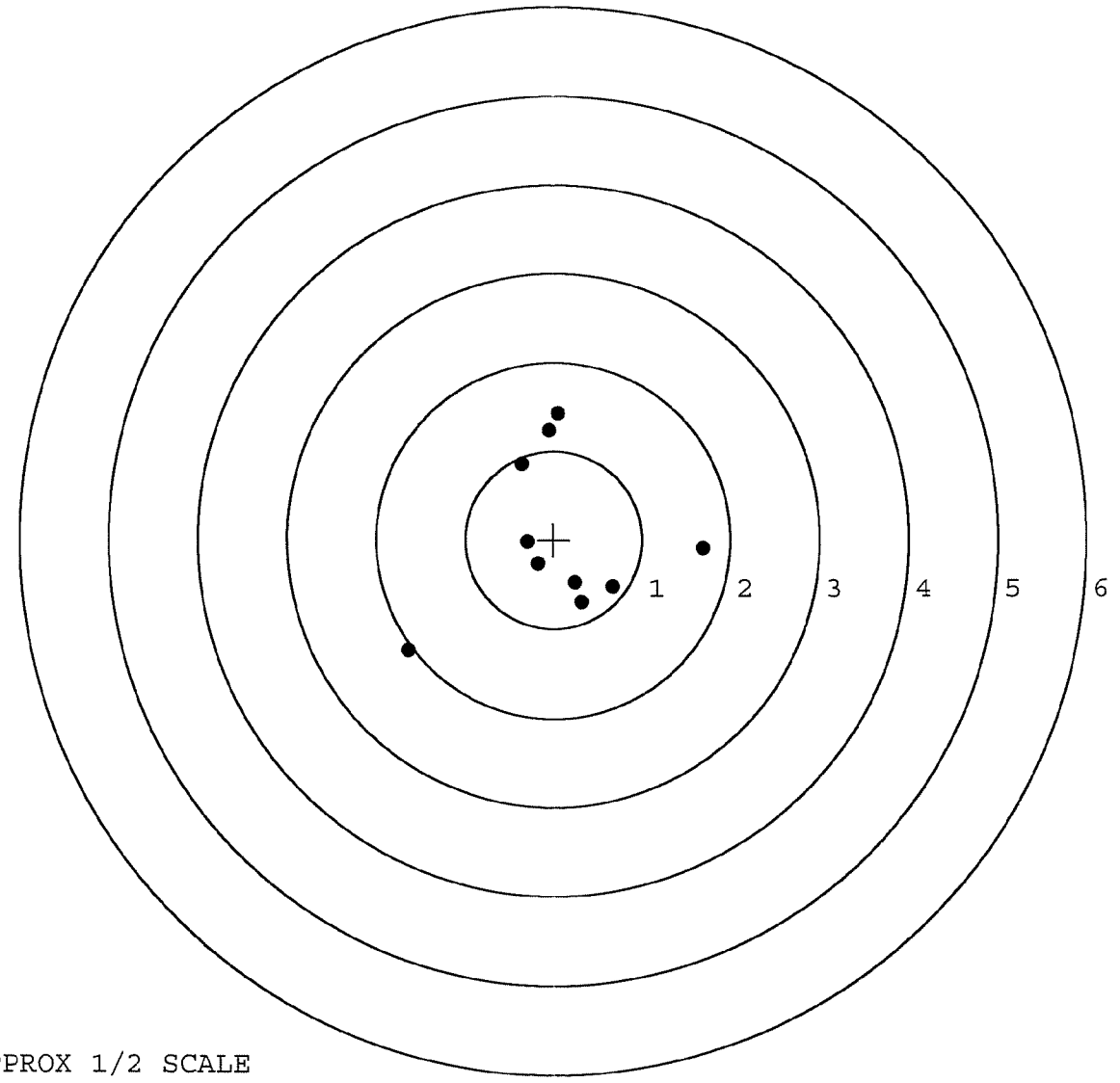


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348802.__0
TARGET NUMBER: 2
FILE DATE: 03/28/2005
FILE TIME: 09:57

X CENTROID:	0.041
Y CENTROID:	0.012
POA TO CENTROID:	0.043
HORZ SPREAD:	3.333
VERT SPREAD:	2.672
GROUP SPREAD:	3.524
MIN RADIUS:	0.344
MAX RADIUS:	2.105
MEAN RADIUS:	1.018
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	0.667	-0.535
2:	1.687	-0.102
3:	0.317	-0.711
4:	0.244	-0.487
5:	-0.185	-0.275
6:	-0.300	-0.032
7:	-1.646	-1.246
8:	-0.362	0.857
9:	-0.058	1.227
10:	0.049	1.426

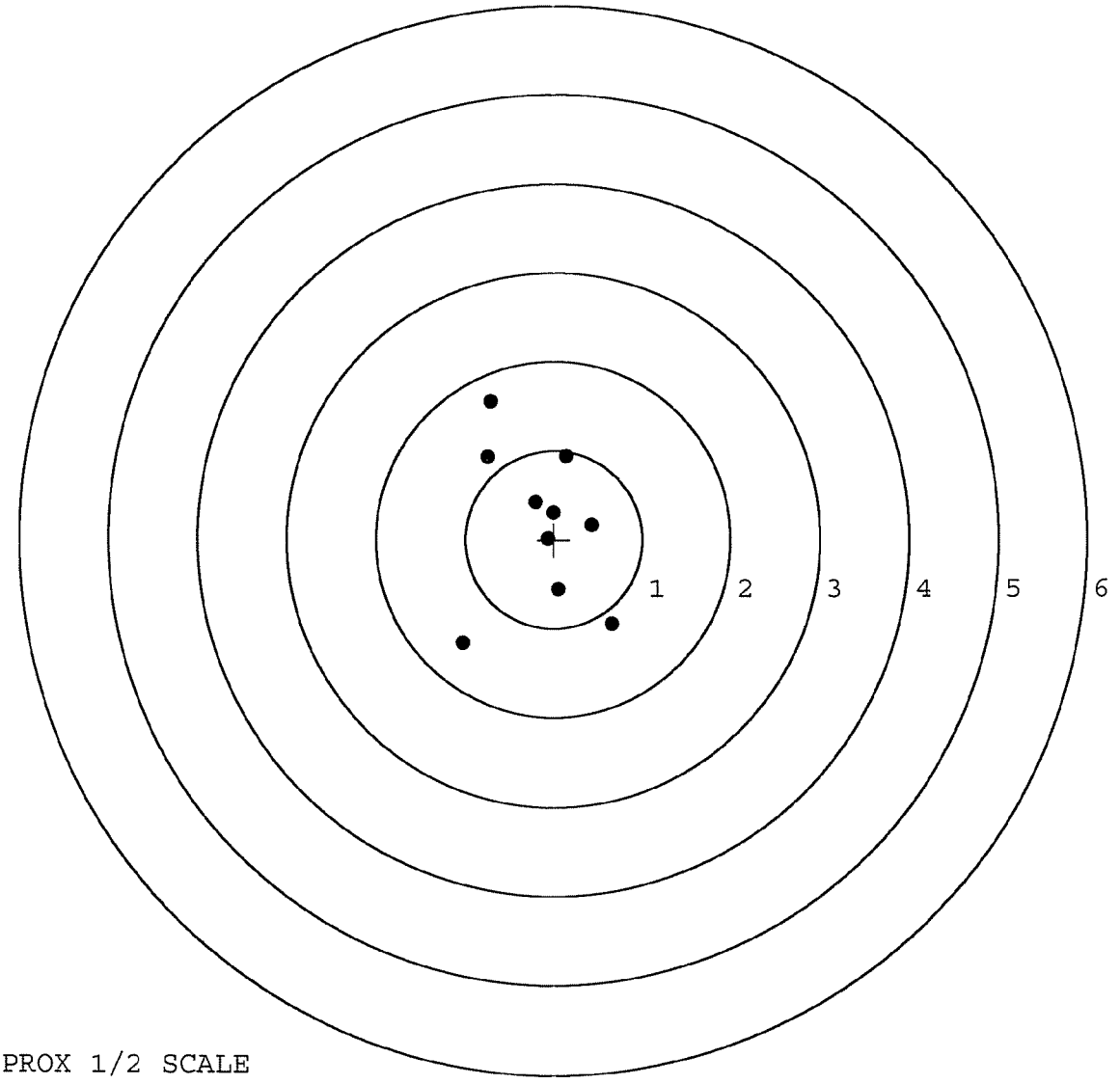


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348802.__0
TARGET NUMBER: 3
FILE DATE: 03/28/2005
FILE TIME: 09:57

X CENTROID:	-0.150
Y CENTROID:	0.163
POA TO CENTROID:	0.222
HORZ SPREAD:	1.693
VERT SPREAD:	2.718
GROUP SPREAD:	2.736
MIN RADIUS:	0.171
MAX RADIUS:	1.596
MEAN RADIUS:	0.825
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.660	-0.959
2:	0.053	-0.561
3:	-1.033	-1.167
4:	0.433	0.163
5:	-0.071	0.011
6:	-0.010	0.304
7:	-0.209	0.422
8:	0.144	0.940
9:	-0.749	0.927
10:	-0.719	1.551



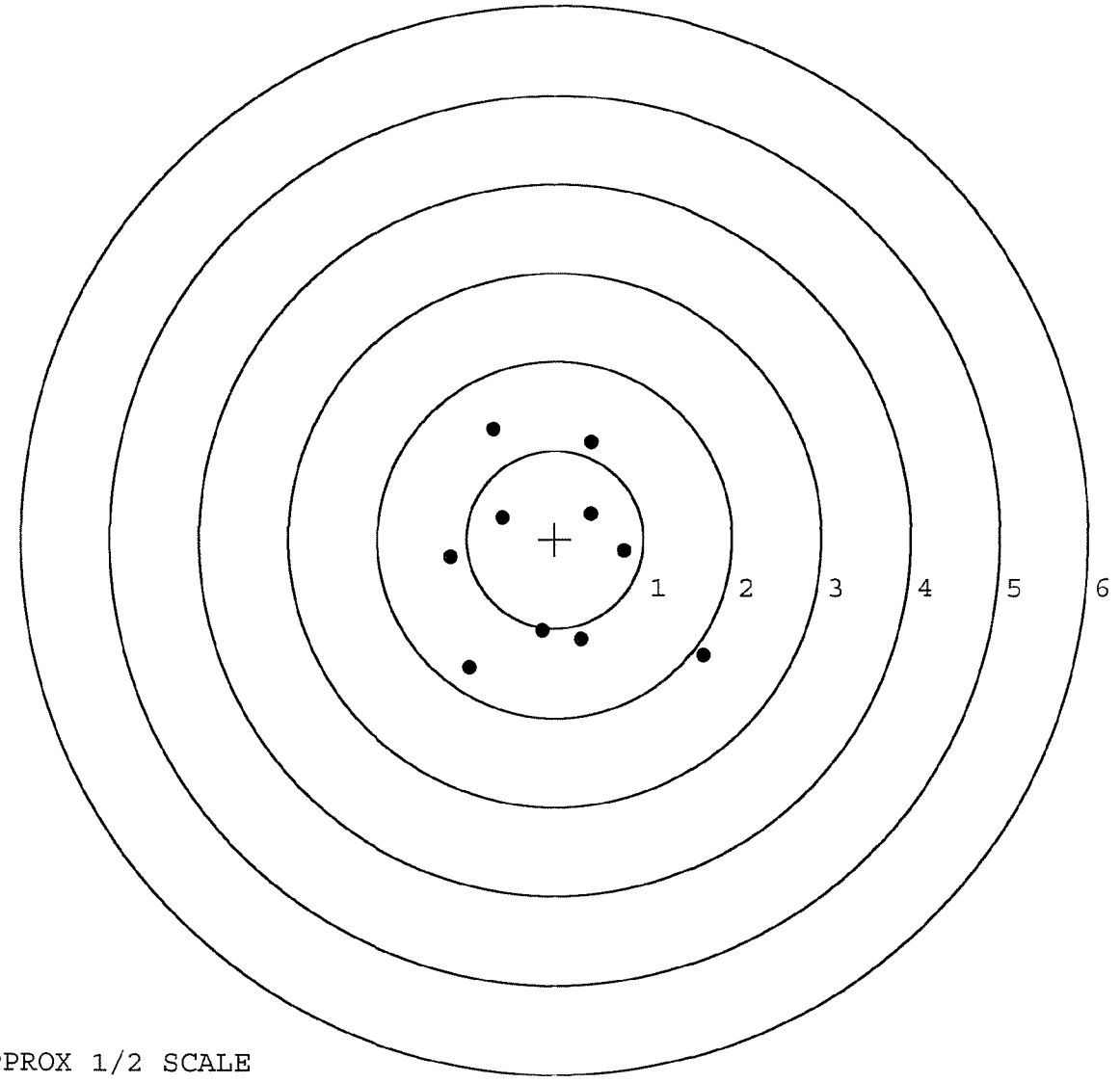
TARGET APPROX 1/2 SCALE

BARBER - M24 0064442

SERIAL NUMBER: C6348802.__0
TARGET NUMBER: 4
FILE DATE: 03/28/2005
FILE TIME: 09:57

X CENTROID:	-0.004
Y CENTROID:	-0.238
POA TO CENTROID:	0.238
HORZ SPREAD:	2.860
VERT SPREAD:	2.685
GROUP SPREAD:	3.487
MIN RADIUS:	0.660
MAX RADIUS:	1.992
MEAN RADIUS:	1.171
# IN 1 IN DIAMETER:	0
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	7

POINT#	X	Y
1:	1.679	-1.303
2:	0.294	-1.127
3:	-0.150	-1.027
4:	-0.973	-1.440
5:	-1.181	-0.211
6:	-0.605	0.243
7:	0.402	0.283
8:	0.786	-0.136
9:	0.407	1.096
10:	-0.701	1.245



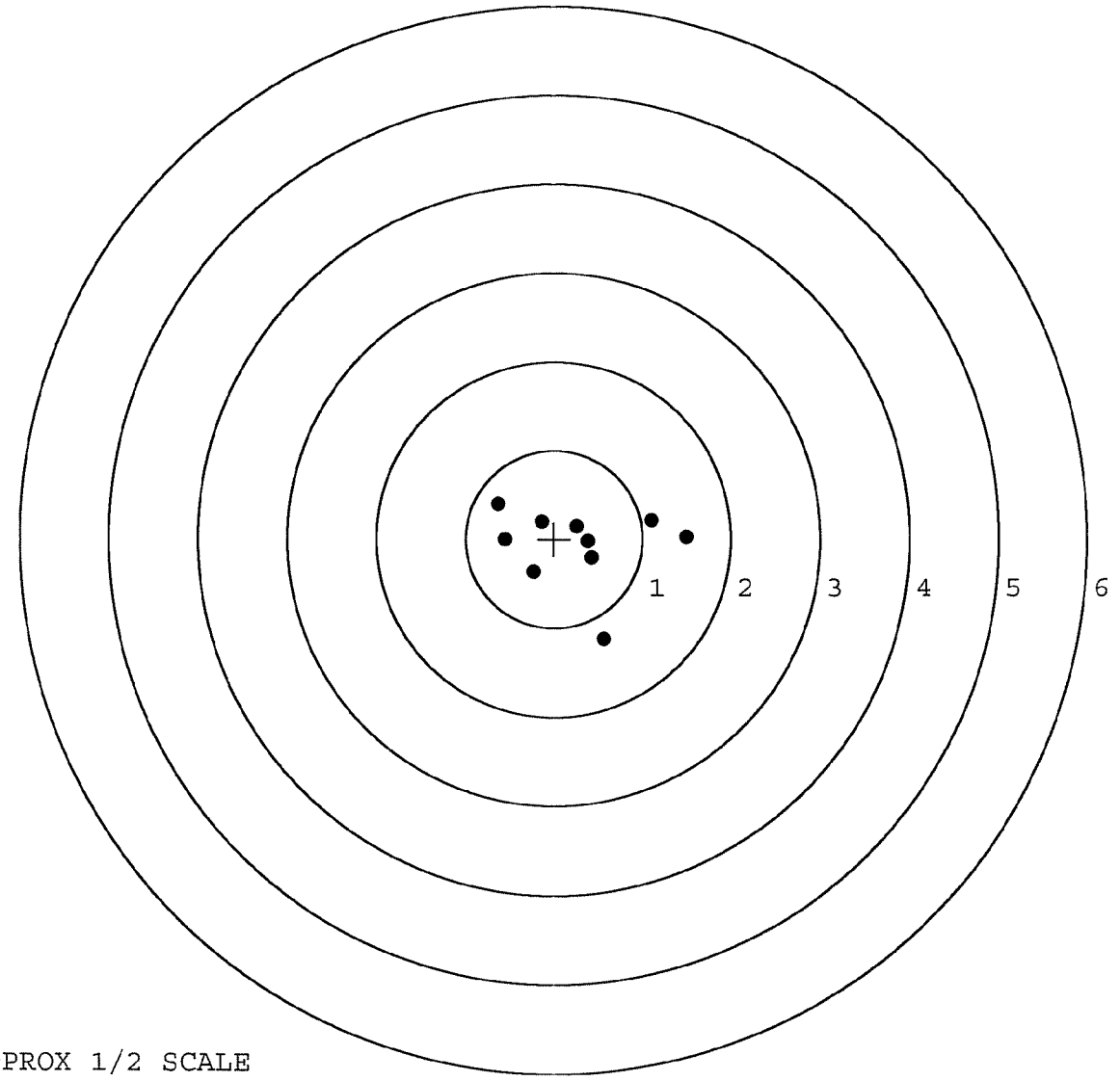
TARGET APPROX 1/2 SCALE

BARBER - M24 0064443

SERIAL NUMBER: C6348802.__0
TARGET NUMBER: 5
FILE DATE: 03/28/2005
FILE TIME: 09:57

X CENTROID:	0.265
Y CENTROID:	-0.078
POA TO CENTROID:	0.277
HORZ SPREAD:	2.136
VERT SPREAD:	1.527
GROUP SPREAD:	2.168
MIN RADIUS:	0.129
MAX RADIUS:	1.237
MEAN RADIUS:	0.670
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.560	-1.128
2:	1.498	0.025
3:	1.101	0.213
4:	0.424	-0.216
5:	0.386	-0.032
6:	0.258	0.142
7:	-0.146	0.197
8:	-0.234	-0.377
9:	-0.557	-0.008
10:	-0.638	0.399



TARGET APPROX 1/2 SCALE

AVERAGE FORCE DEFLECTION **BARBER - M24 0064444**
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 2-18-05

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.28	2.16		2.39	
PULL #2	2.18	2.13		2.69	
PULL #3	2.19	2.10		2.26	
PULL #4	2.14	2.08		2.29	
PULL #5	2.14	2.10		2.29	
TOTAL	10.93	10.57		11.92	
AVERAGE	2.18	2.11		2.38	

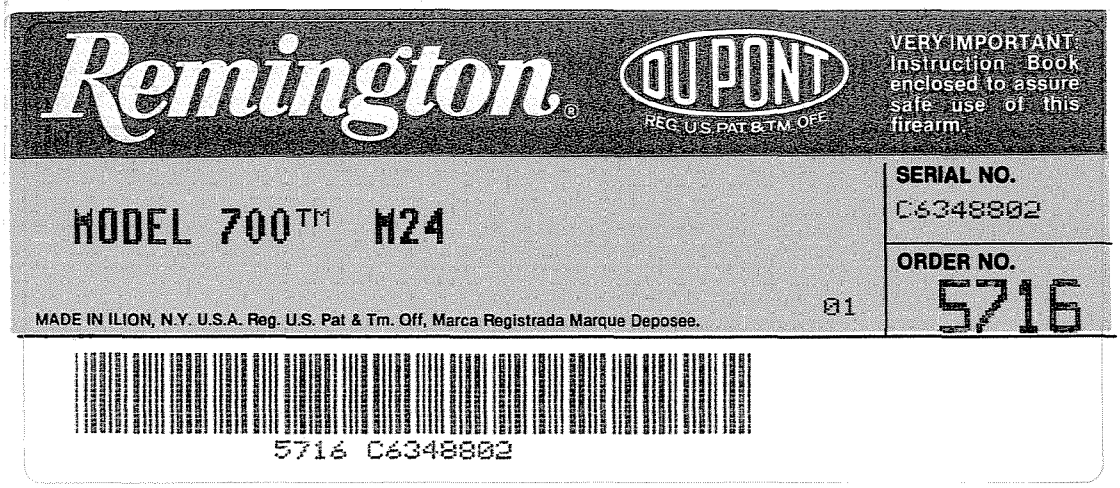
	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.30	3.16		
PULL #2	3.25	3.23		
PULL #3	3.11	3.07		
PULL #4	3.17	3.02		
PULL #5	3.18	3.27		
TOTAL	16.01	15.75		
AVERAGE	3.20	3.15		

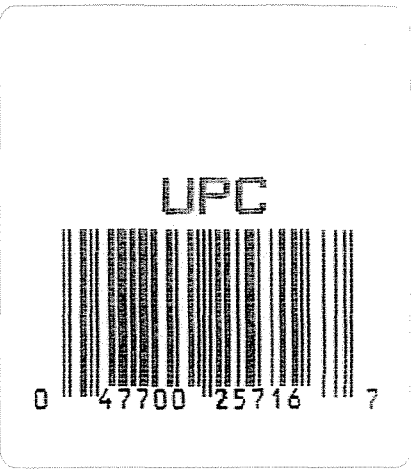
	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.10	4.44		4.26
PULL #2	4.09	4.45		4.22
PULL #3	4.11	4.40		4.22
PULL #4	3.82	4.44		4.48
PULL #5	4.07	4.43		4.26
TOTAL	20.19	22.16		21.44
AVERAGE	4.03	4.43		4.28

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

R & E NUMBER	92986		
SERIAL NUMBER	C6348802		
LOG-IN DATE	2-11-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-19-05	RTR
560 A	RE-BARREL	2-22-05	RTR
B	DRILL AND TAP	2-28-05	TRW
575	ASSEMBLE	2-23-05	RTR
600	PROOF	2-24-05	AC
605	CHECK HEADSPACE	2-24-05	AC
610	DIS-ASSEMBLE GUN	2-24-05	RTR
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	3-1-05	CW
618	ROTO-BLAST	3-3-05	LB
620	APPLY COATINGS	3/16/05	HP
625 A	FINAL ASSEMBLY	3-23-05	RTR
B	TRIGGER PULL TEST	3-31-05	TRW
C	SAFETY "ON" FORCE	3-31-05	AC
D	SAFETY "OFF" FORCE	3-31-05	AC
E	FIRING PIN INDENT	3-31-05	AC
640	TARGET	3-28-05	AC
655	FINAL INSPECT	3-31-05	AC
660	PACK	4-4-05	DA
		SHIP DATE	
	QAR INSPECTION DATE		

MAGNA-FLUX INSPECTED MAR [illegible] 2005


Remington
DU PONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT
Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ M24
SERIAL NO.
C6348802
ORDER NO.
5716
01
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.
5716 C6348802


UPC
0 47700 25716 7

M-24

Scott 0614

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348802

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	89	RW
600	Proof	9 26	89	RW
607	Check Headspace	9 26	89	RW
610	Dis-assemble Gun	9 [illegible]	89	RW
612	Magnaflux Barrel Action	9/29/89		KCR
	Magnaflux Bolt	9/29/89		KCR
615	Rollmark Caliber	9/29/89		GL
7	Drill and Tap Sight Holes	9 29	89	GB
618	Polish Barrel RB	9 29	89	BT
620	Apply Coatings (Barrel Action)		10/1/89	TR
	Apply Coating (Bolt)		10/1/89	TR
625	Final Assembly A) Clean inside of Bolt Assembly		10/2/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/2/89	RW
	C) Inspect Ejector Hole for Chamfer		10/2/89	RW
	D) Oil Firing Pin Ass'y		10/2/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2 Oct 89	GB

BARBER - M24 0064448

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			10/26/89	JH
	G) Safety Off Force	4	4	4			10/26/89	JH
	H) Trigger Pull Test & Retainability						25Oct89	JH
	I) Firing Pin Indent	.022	.023	.0225			9Nov89	JH
	J) Assemble Stock						10/30/89	RW
	K) Assemble Swivel Studs						6Nov89	JH
	L) Attach Front and Rear Sight Assemblies						10/30/89	RW
	M) Iron Sight Alignment						10/30/89	RW
	N) Detach Front & Rear Sights & place in numbered container						10/30/89	RW
	O) Attach Scope to Rifle						10/30/89	JH
	P) Detach & Attach Scope 20 Times						10/30/89	JH
640	Gallery Target & Test						11-1-89	DH
	A) Time						11-1-89	DH
	B) Malfunctions						11-1-89	DH
	C) Pierced Primers						11-1-89	DH
	D) Optical Clearity of Scope						11-1-89	DH
645	Inspect for Live Ammo						11-1-89	DH
655	Final Inspection A) Headspace						6Nov89	JH
	B) Trigger Pull	207	225	219	206	220	6Nov89	JH
	C) Function						6Nov89	JH
660	Pack						14Dec89	JH

SWS TRIGGER PULL TEST

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

SERIAL NO. C6348802

DATE 3-13-90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.39	2.33	2.37		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPTABLE LESS THAN 2#
PULL #2	2.34	2.33	2.35		
PULL #3	2.31	2.45	2.41		
PULL #4	2.33	2.36	2.58		
PULL #5	2.36	2.31	2.52		
TOTAL	11.73	11.78	12.23		
AVG.	2.346	2.356	2.446		

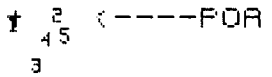
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.27		—
PULL #2	3.22	3.53		
PULL #3	3.43	3.44		
PULL #4	3.40	3.52		
PULL #5	3.29	3.37		
TOTAL	16.60	17.13		
AVG.	3.32	3.426		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.46	4.30		
PULL #2	4.41	4.29		
PULL #3	4.09	4.32		
PULL #4	4.45	4.39		
PULL #5	4.35	4.26		
TOTAL	21.76	21.56		
AVG.	4.352	4.312		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348802
1 Nov 1989

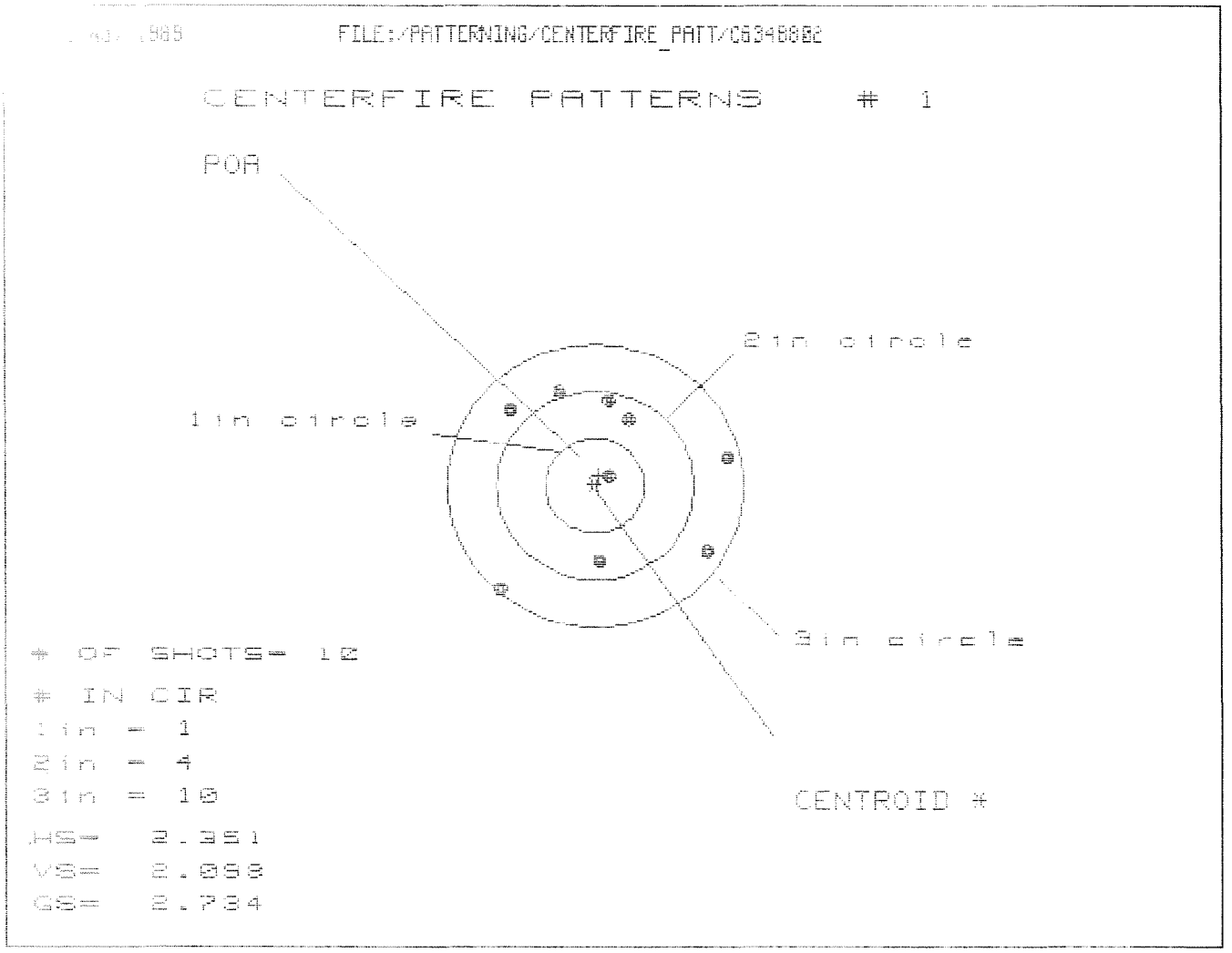
CENTROIDAL DISTANCES

0	TO	1	.111946
1	TO	2	.848792
1	TO	3	.872277
1	TO	4	.690271
1	TO	5	.990073

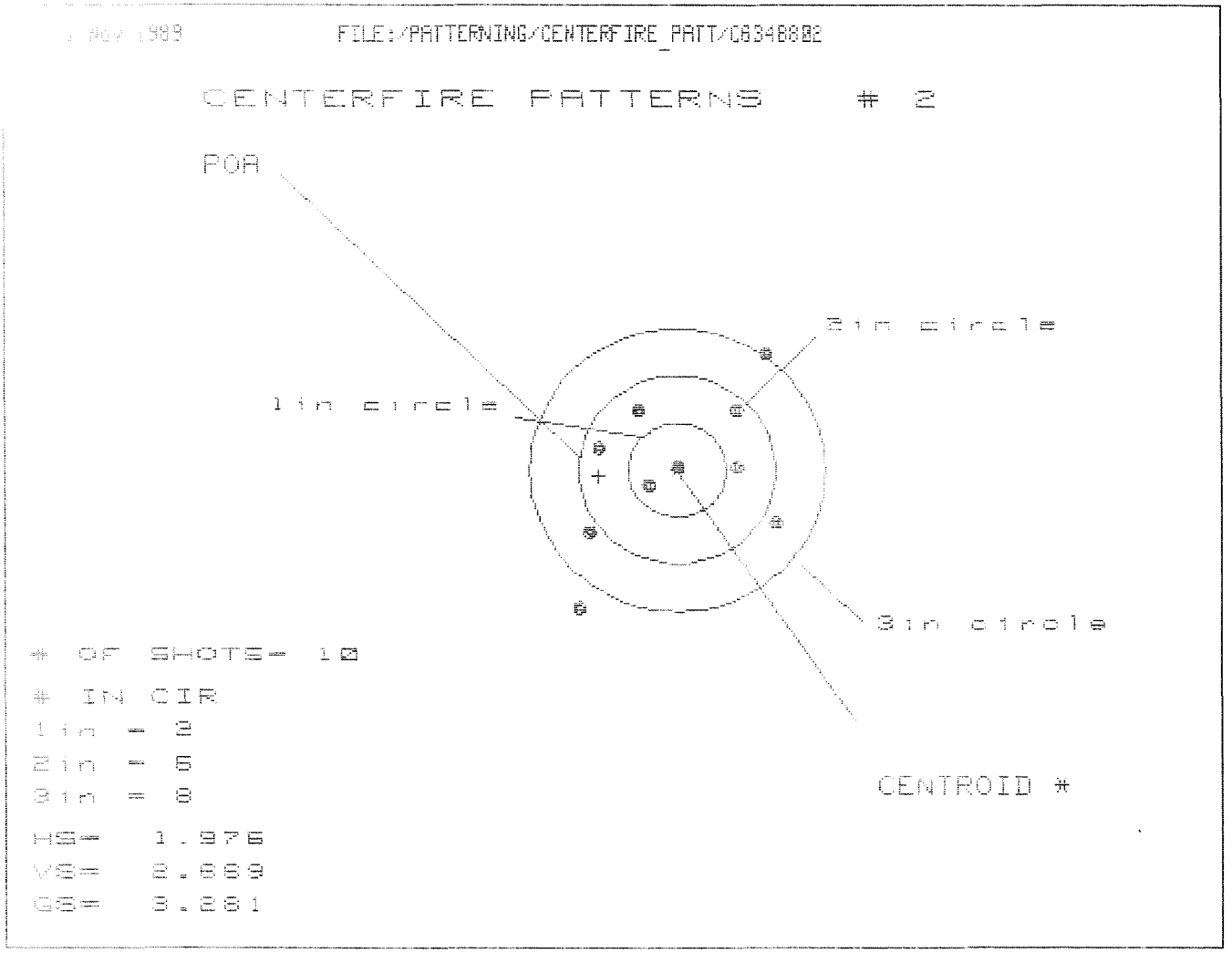


[illegible] COORDINATE FOR THIS RIFLE IS: .537
[illegible] COORDINATE FOR THIS RIFLE IS: -.3248
[illegible] AVERAGE POI RADIUS FOR THIS RIFLE IS: .627586

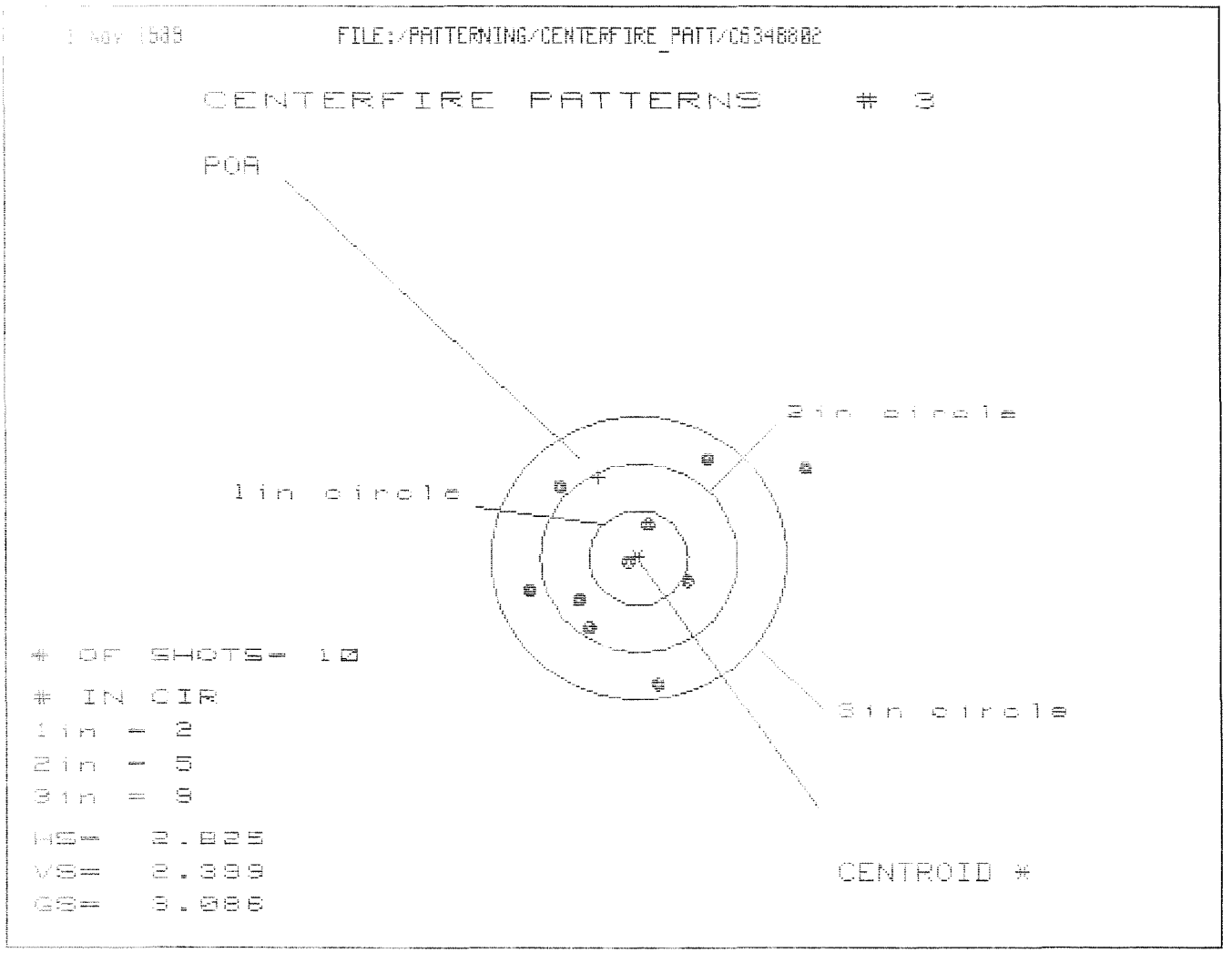
THE AMR FOR THIS RIFLE IS: .8624



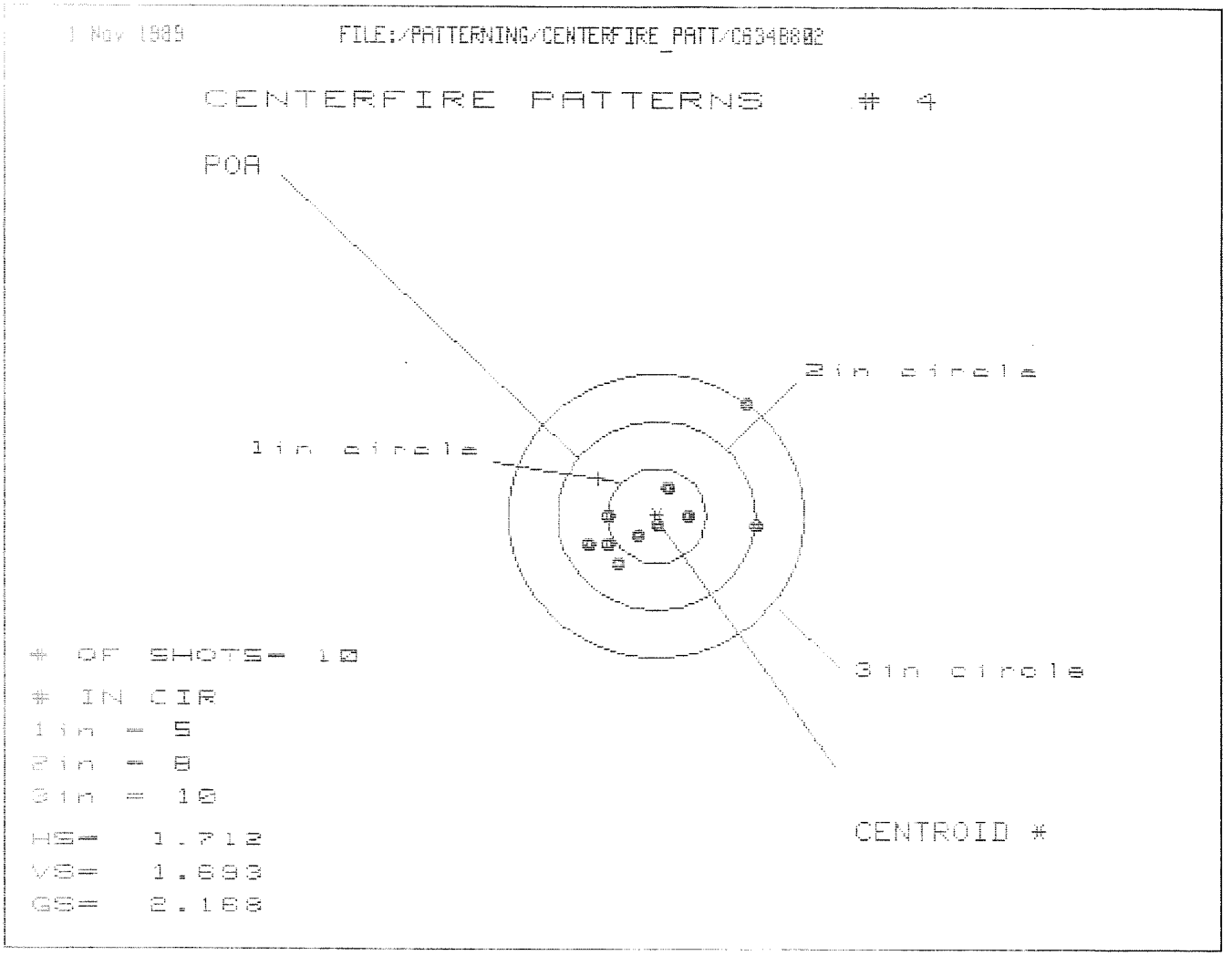
PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.368	1.259	1.127
MINIMUM X	:	-.983	-1.057	-1.097
MAXIMUM Y	:	.983	.859	.704
MINIMUM Y	:	-1.115	-1.239	-1.115
CENTROID X	:	-.036	.073	.205
CENTROID Y	:	-.106	.018	.173
POA TO CENTROID in.	:	.112	.075	.269
MIN RADIUS	:	.193	.071	.202
MEAN RADIUS	:	1.062	.978	.875
MAX RADIUS	:	1.486	1.629	1.319
HORIZONTAL SPREAD	:	2.351	2.316	2.224
VERTICAL SPREAD	:	2.098	2.098	1.819
EXTREME SPREAD	:	2.734	2.704	2.478
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	



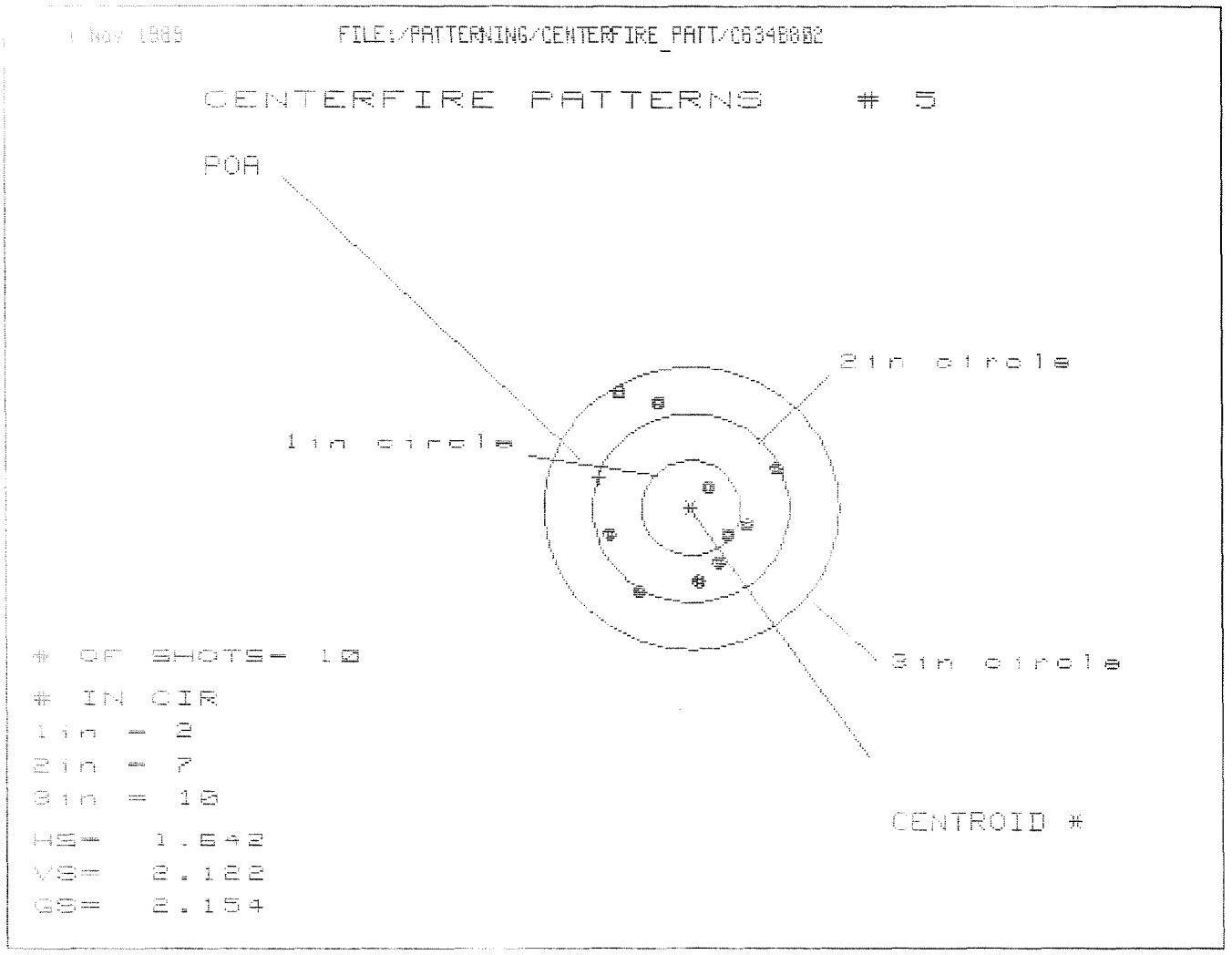
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.000	.891	.994
MINIMUM X	:	-.976	-.958	-.855
MAXIMUM Y	:	1.220	1.058	.608
MINIMUM Y	:	-1.450	-.775	-.642
CENTROID X	:	.796	.905	.802
CENTROID Y	:	.062	.224	.091
POA TO CENTROID in.	:	.799	.932	.807
MIN RADIUS	:	.066	.130	.038
MEAN RADIUS	:	.885	.786	.692
MAX RADIUS	:	1.748	1.341	1.161
HORIZONTAL SPREAD	:	1.976	1.849	1.849
VERTICAL SPREAD	:	2.669	1.833	1.250
EXTREME SPREAD	:	3.281	2.556	1.926
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.738	.893	.939
MINIMUM X	:	-1.087	-.894	-.848
MAXIMUM Y	:	1.051	1.155	1.000
MINIMUM Y	:	-1.348	-1.244	-.820
CENTROID X	:	.406	.213	.167
CENTROID Y	:	-.858	-.962	-.807
POA TO CENTROID in.	:	.949	.985	.824
MIN RADIUS	:	.108	.133	.141
MEAN RADIUS	:	.958	.825	.764
MAX RADIUS	:	1.973	1.460	1.371
HORIZONTAL SPREAD	:	2.825	1.787	1.787
VERTICAL SPREAD	:	2.399	2.399	1.820
EXTREME SPREAD	:	3.086	2.456	2.245
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.021	1.119	.507
MINIMUM X	:	-.691	-.593	-.453
MAXIMUM Y	:	1.194	.409	.413
MINIMUM Y	:	-.499	-.367	-.363
CENTROID X	:	.589	.491	.351
CENTROID Y	:	-.399	-.531	-.535
POA TO CENTROID in.	:	.711	.723	.640
MIN RADIUS	:	.110	.091	.104
MEAN RADIUS	:	.589	.453	.356
MAX RADIUS	:	1.484	1.119	.518
HORIZONTAL SPREAD	:	1.712	1.712	.960
VERTICAL SPREAD	:	1.693	.776	.776
EXTREME SPREAD	:	2.168	1.724	.997
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.861	.782	.736
MINIMUM X	:	-.781	-.860	-.906
MAXIMUM Y	:	1.223	1.231	.708
MINIMUM Y	:	-.899	-.764	-.610
CENTROID X	:	.930	1.009	1.055
CENTROID Y	:	-.823	-.458	-.512
POA TO CENTROID in.	:	.985	1.108	1.220
MIN RADIUS	:	.287	.322	.289
MEAN RADIUS	:	.818	.720	.622
MAX RADIUS	:	1.414	1.286	1.021
HORIZONTAL SPREAD	:	1.642	1.642	1.642
VERTICAL SPREAD	:	2.122	1.995	1.318
EXTREME SPREAD	:	2.154	2.015	1.947
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	