

G 6414347
Rayhead
E 6413592

Repair Inquiry

Repair Number: RE00127808

Serial: G6414347 Model M24 SWS Center Fire

Repairman:

Verify Repair

Status:

New 4/9/2007 1:37:24 PM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: TRANSPORTATION DIVISION DFEL

TRANSPORTATION DIVISION DFEL

Address 1: 6759 MITCHELL AVENUE

6759 MITCHELL AVENUE

Address 2: BLDG 1836

PO Box:

BLDG 1836

PO Box:

City: FORT BENNING

FORT BENNING

State: GA

Zip Code: 31905

Country: US

State: GA

Zip Code: 31905

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NA

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	2

Repair Search

Refresh

Close

maglet

4/10/2007

10:11 AM

CAPS

NUM

INS

SCRL

Serial
Number:

G6414347

Model: M24 SWS



RE00127808

New Bu Pod

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6414347.___0

FILE DATE AND TIME: 05/11/2007 21:06

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.087
The Average Y Centroid of the Five Target Set:	-0.099
The Average Point of Impact of the Five Target Set:	0.131
The Average Mean Radius of the Five Target Set:	0.771
The Distance from POA to Centroid Target #1:	0.122
The Distance from Centroid Target #2 to Centroid Target #1:	0.226
The Distance from Centroid Target #3 to Centroid Target #1:	0.194
The Distance from Centroid Target #4 to Centroid Target #1:	0.279
The Distance from Centroid Target #5 to Centroid Target #1:	0.311

BARBER - M24 0150665

SERIAL NUMBER: G6414347. 0

TARGET NUMBER: 1

FILE DATE: 05/11/2007

FILE TIME: 21:06

X CENTROID: 0.034

Y CENTROID: -0.117

POA TO CENTROID: 0.122

HORZ SPREAD: 1.771

VERT SPREAD: 2.066

GROUP SPREAD: 2.071

MIN RADIUS: 0.352

MAX RADIUS: 1.224

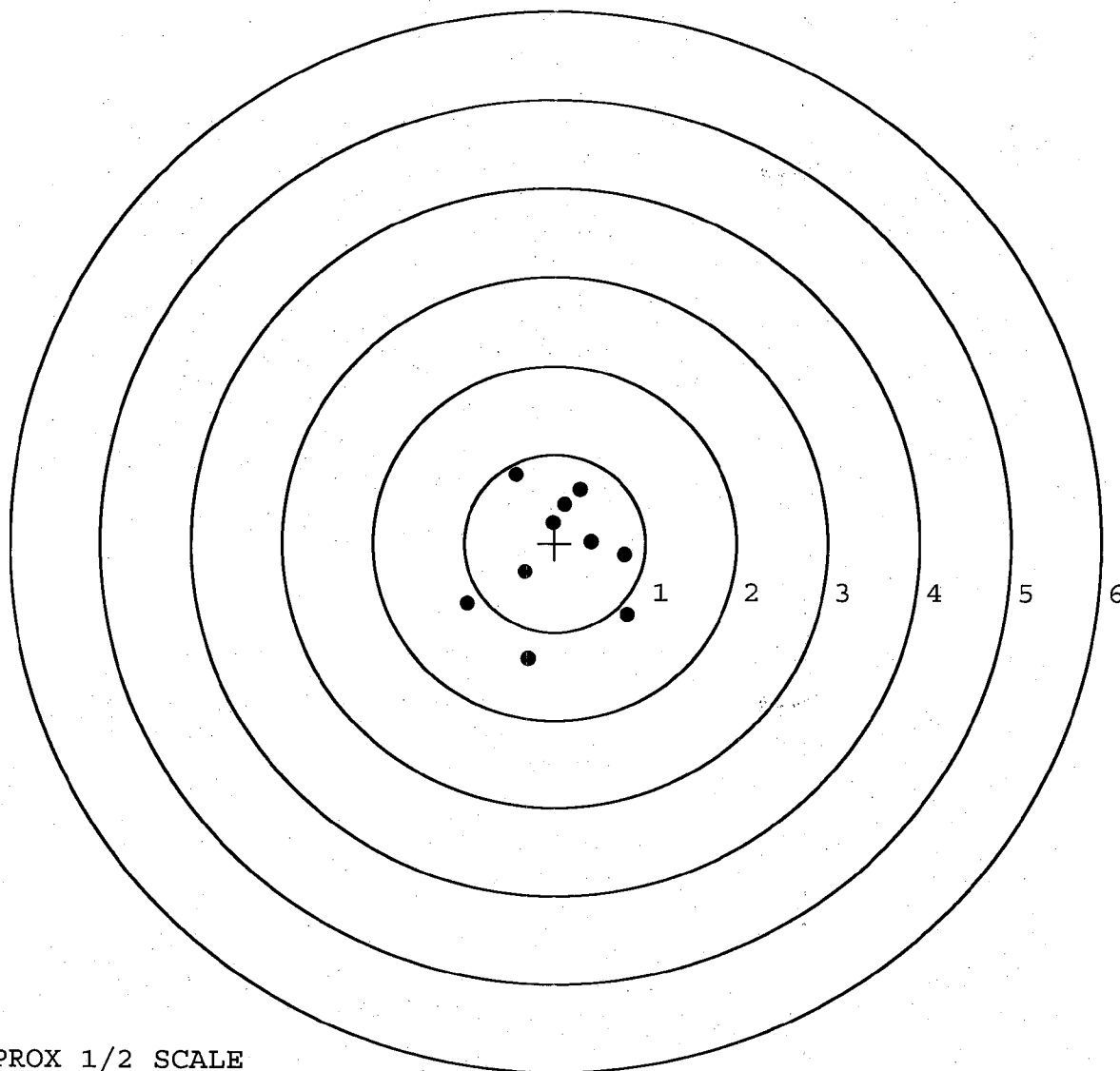
MEAN RADIUS: 0.762

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.428	0.767
2:	-0.021	0.230
3:	0.281	0.605
4:	0.110	0.435
5:	0.404	0.019
6:	0.767	-0.129
7:	-0.329	-0.320
8:	0.805	-0.800
9:	-0.287	-1.299
10:	-0.966	-0.682



TARGET APPROX 1/2 SCALE

BARBER - M24 0150666

SERIAL NUMBER: G6414347. — 0

TARGET NUMBER: 2

FILE DATE: 05/11/2007

FILE TIME: 21:06

X CENTROID: 0.151

Y CENTROID: 0.075

POA TO CENTROID: 0.169

HORZ SPREAD: 2.595

VERT SPREAD: 1.599

GROUP SPREAD: 2.608

MIN RADIUS: 0.210

MAX RADIUS: 1.514

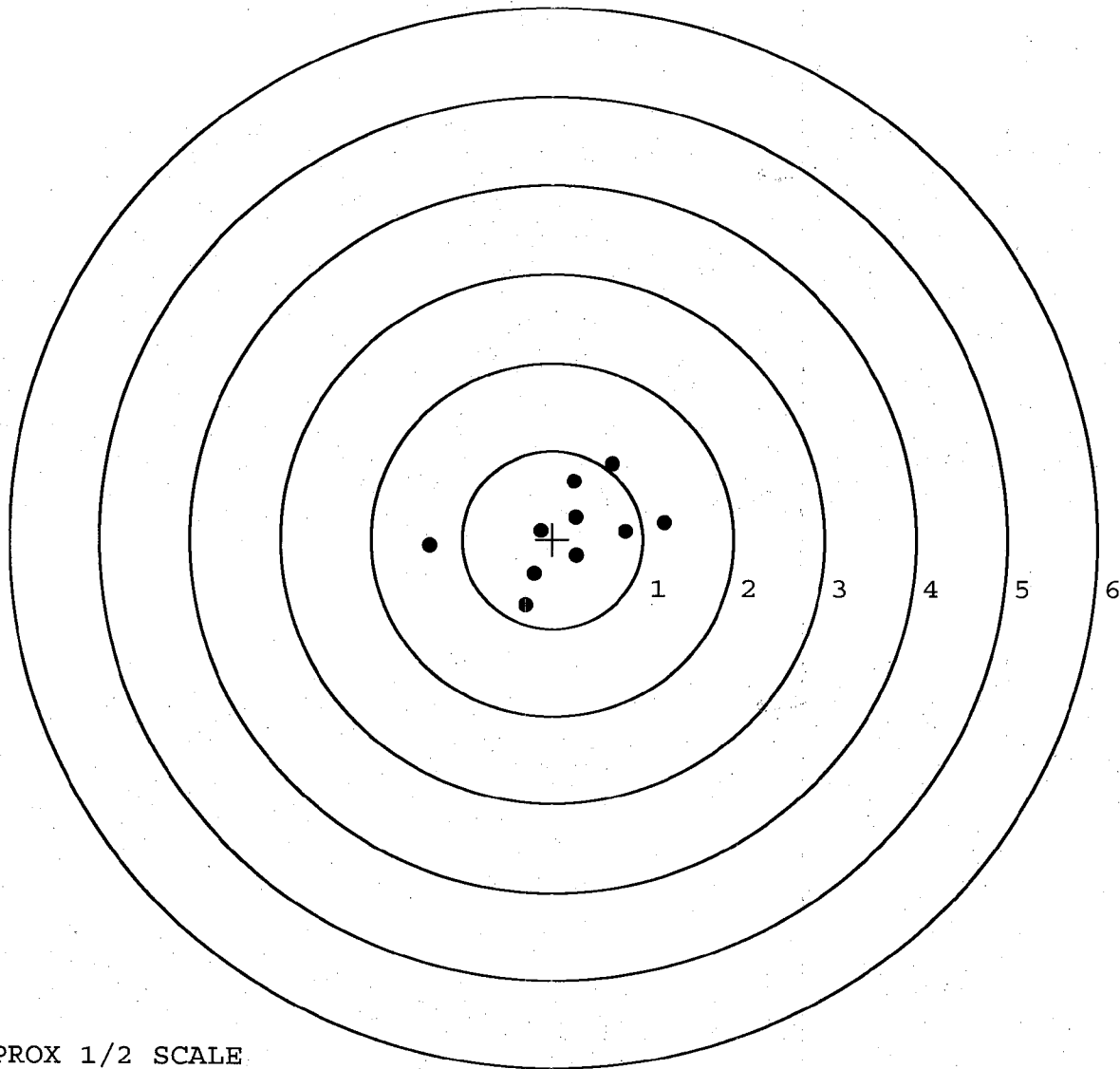
MEAN RADIUS: 0.707

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.666	0.856
2:	0.243	0.655
3:	0.807	0.089
4:	1.240	0.187
5:	0.266	0.251
6:	0.272	-0.181
7:	-0.128	0.097
8:	-0.203	-0.382
9:	-0.297	-0.743
10:	-1.355	-0.074



TARGET APPROX 1/2 SCALE

BARBER - M24 0150667

SERIAL NUMBER: G6414347. 0

TARGET NUMBER: 3

FILE DATE: 05/11/2007

FILE TIME: 21:06

X CENTROID: 0.224

Y CENTROID: -0.152

POA TO CENTROID: 0.271

HORZ SPREAD: 1.594

VERT SPREAD: 1.795

GROUP SPREAD: 2.102

MIN RADIUS: 0.169

MAX RADIUS: 1.205

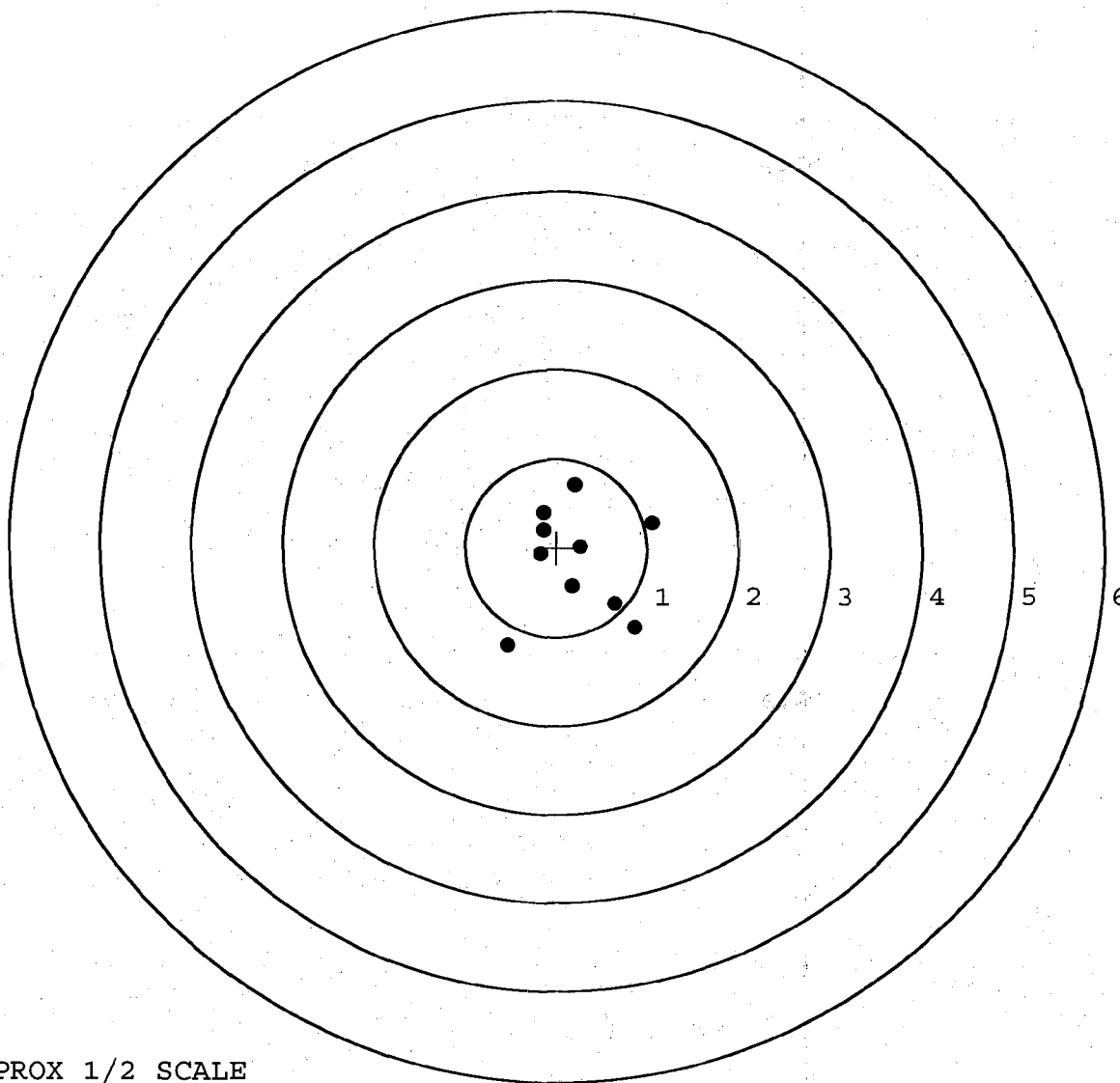
MEAN RADIUS: 0.667

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.210	0.707
2:	-0.134	0.406
3:	-0.134	0.206
4:	-0.180	-0.076
5:	0.265	0.012
6:	0.178	-0.434
7:	0.646	-0.632
8:	0.866	-0.900
9:	1.059	0.283
10:	-0.535	-1.088



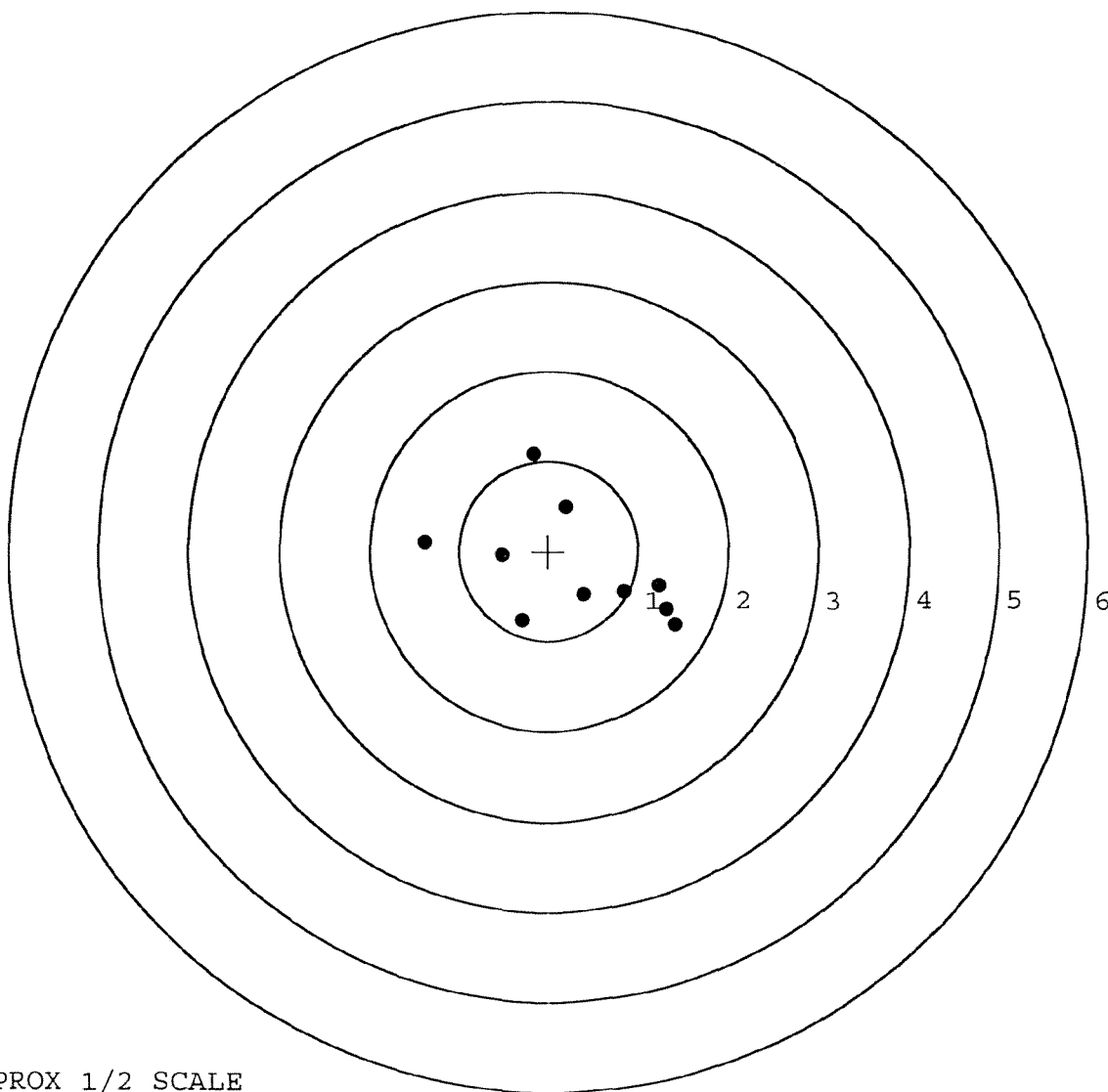
TARGET APPROX 1/2 SCALE

BARBER - M24 0150668

SERIAL NUMBER: G6414347. 0
 TARGET NUMBER: 4
 FILE DATE: 05/11/2007
 FILE TIME: 21:06

X CENTROID: 0.301
 Y CENTROID: -0.197
 POA TO CENTROID: 0.359
 HORZ SPREAD: 2.789
 VERT SPREAD: 1.903
 GROUP SPREAD: 2.938
 MIN RADIUS: 0.311
 MAX RADIUS: 1.716
 MEAN RADIUS: 0.967
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.162	1.078
2:	0.196	0.492
3:	-1.389	0.100
4:	-0.520	-0.049
5:	-0.296	-0.779
6:	0.395	-0.493
7:	0.844	-0.459
8:	1.230	-0.382
9:	1.309	-0.651
10:	1.400	-0.825

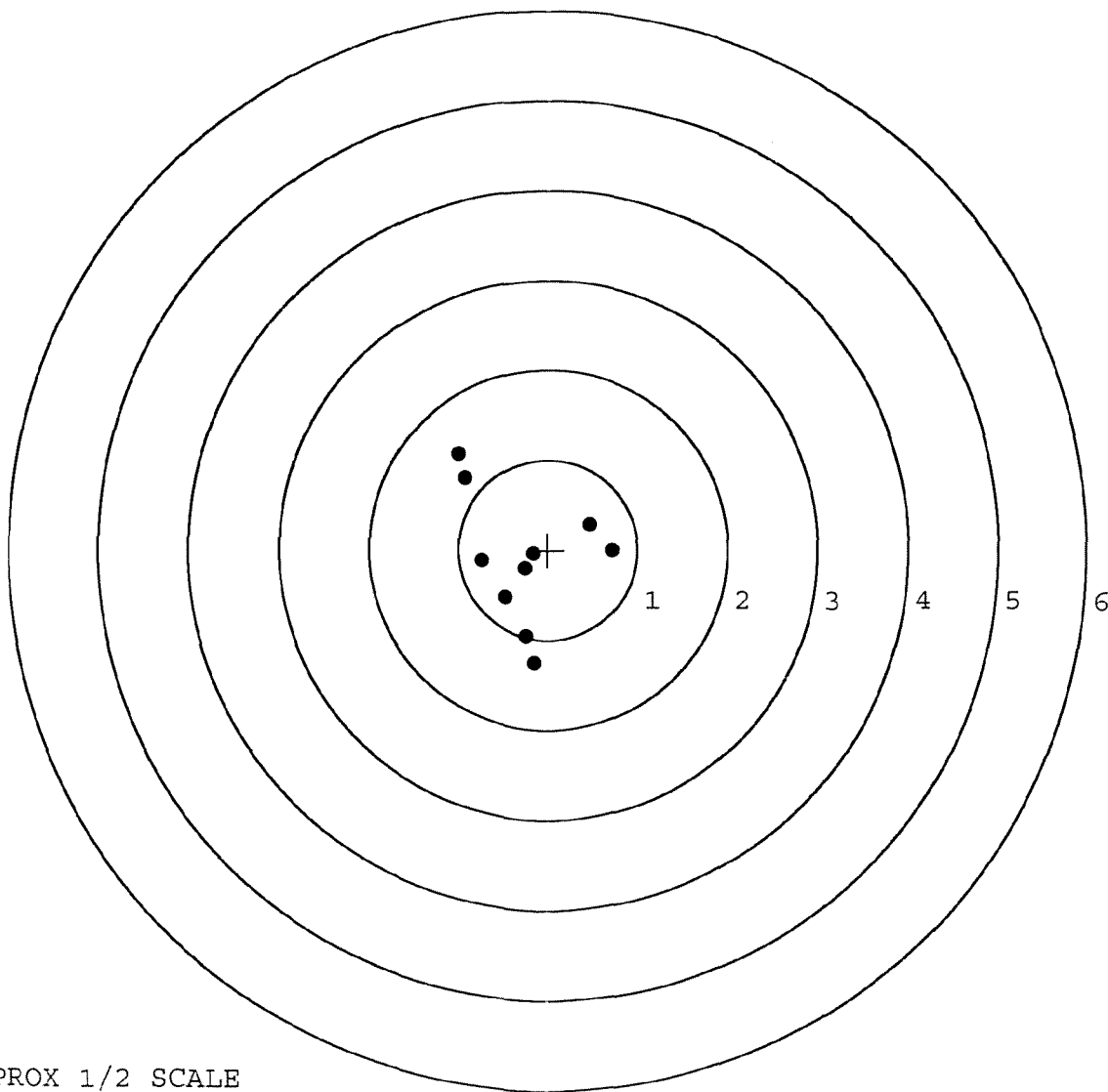


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414347. __0
 TARGET NUMBER: 5
 FILE DATE: 05/11/2007
 FILE TIME: 21:06

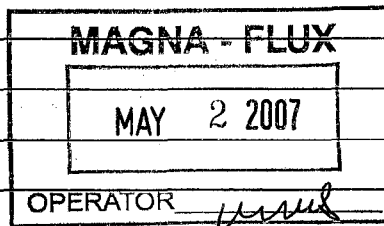
POINT#	X	Y
1:	-1.003	1.055
2:	-0.931	0.787
3:	-0.736	-0.133
4:	-0.161	-0.041
5:	-0.255	-0.212
6:	-0.476	-0.537
7:	-0.252	-0.960
8:	-0.149	-1.263
9:	0.472	0.278
10:	0.724	-0.001

X CENTROID: -0.277
 Y CENTROID: -0.103
 POA TO CENTROID: 0.295
 HORZ SPREAD: 1.727
 VERT SPREAD: 2.318
 GROUP SPREAD: 2.470
 MIN RADIUS: 0.111
 MAX RADIUS: 1.367
 MEAN RADIUS: 0.752
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

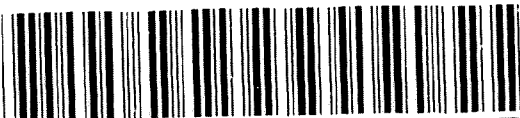
R & E NUMBER	127808		
SERIAL NUMBER	C6414347		
LOG-IN DATE	4-9-07		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	4-25-07	RTL
505	RE-BARREL	4-30-07	RTL
560	ASSEMBLE	4-30-07	RTL
600	PROOF	5-1-07	TRW
605	CHECK HEADSPACE	5-1-07	TRW
610	DIS-ASSEMBLE GUN	5-1-07	RTL
612	MAGNAFLUX	5/1/07	WMB
510	DRILL AND TAP	5-1-07	FM
615	ROLLMARK CALIBER	5-1-07	CW
618	ROTO-BLAST	5-2-07	LB
620	APPLY COATINGS	5-5-07	W
625	FINAL ASSEMBLY	5-11-07	RTL
640	FUNCTION TEST AND	(PASS) FAIL	5/11/07 WMB
650	TARGET	(PASS) FAIL	5/11/07 WMB
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		5/15/07 WMB
	A) HEADSPACE	(PASS) FAIL	5/15/07 WMB
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.42 2.26 2.26 2.31 2.25 5-15-07 TRW
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	9.5 9.5 9.15 5-15-07 TRW
	G) SAFETY OFF FORCE	2 LBS MIN	2.25 2.25 2.25 5-15-07 TRW
	I) FIRING PIN INDENT	.020	.021 .020 ⁵ .021 ⁵ 5-15-07 TRW
690	PACK		5-16-07 DPA



66414347 (New)

E6413592

Model: M24 SWS



RE00111257

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6414347.__0
FILE DATE AND TIME: 05/18/2006 16:12

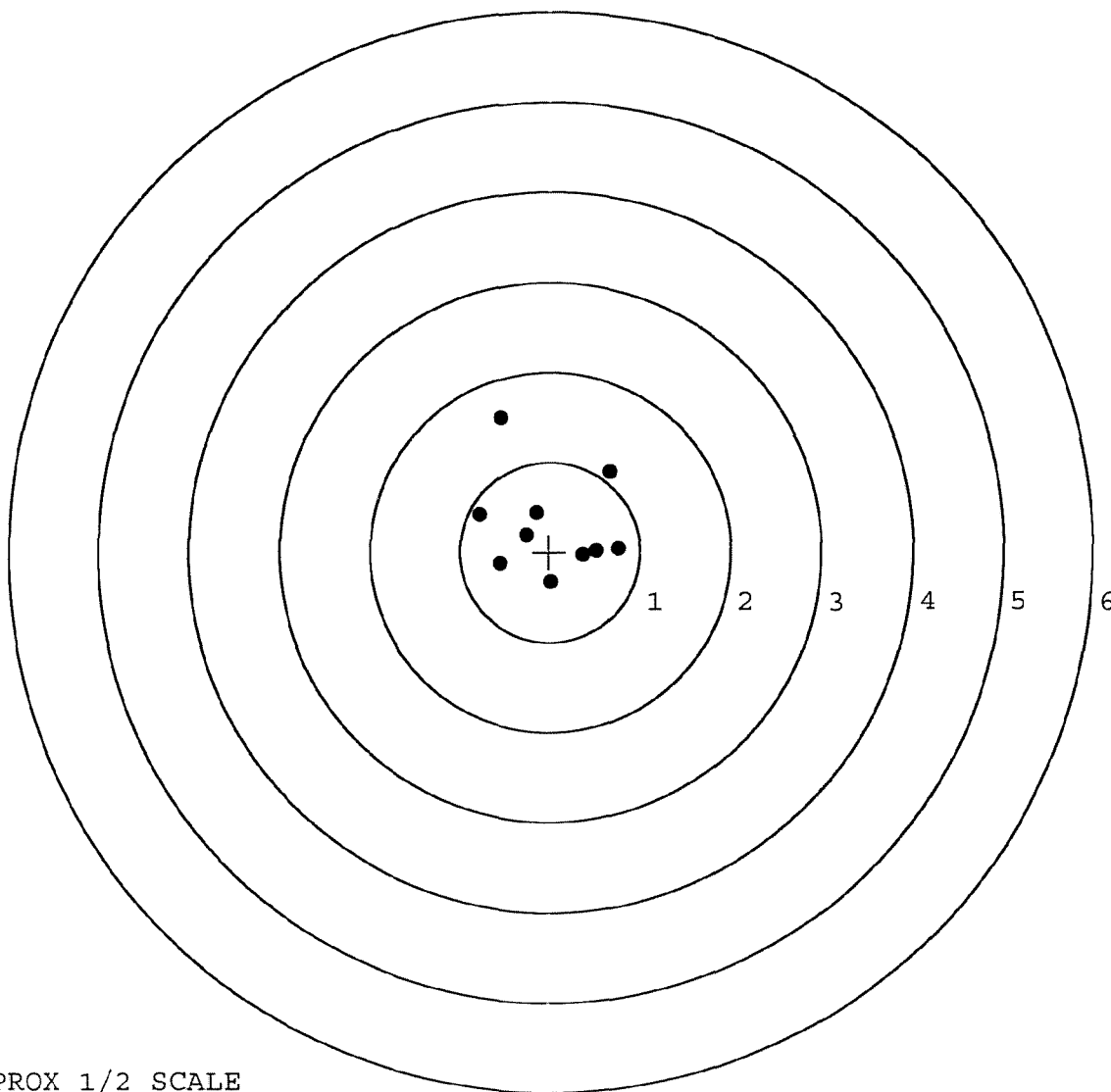
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.005
The Average Y Centroid of the Five Target Set:	0.094
The Average Point of Impact of the Five Target Set:	0.094
The Average Mean Radius of the Five Target Set:	0.657
The Distance from POA to Centroid Target #1:	0.297
The Distance from Centroid Target #2 to Centroid Target #1:	0.239
The Distance from Centroid Target #3 to Centroid Target #1:	0.197
The Distance from Centroid Target #4 to Centroid Target #1:	0.390
The Distance from Centroid Target #5 to Centroid Target #1:	0.224

SERIAL NUMBER: G6414347. __0
 TARGET NUMBER: 1
 FILE DATE: 05/18/2006
 FILE TIME: 16:12

X CENTROID: 0.005
 Y CENTROID: 0.297
 POA TO CENTROID: 0.297
 HORZ SPREAD: 1.546
 VERT SPREAD: 1.822
 GROUP SPREAD: 1.954
 MIN RADIUS: 0.207
 MAX RADIUS: 1.314
 MEAN RADIUS: 0.672
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.552	1.487
2:	-0.782	0.411
3:	-0.547	-0.137
4:	-0.149	0.435
5:	-0.263	0.192
6:	0.018	-0.335
7:	0.376	-0.036
8:	0.521	0.014
9:	0.764	0.043
10:	0.668	0.895



TARGET APPROX 1/2 SCALE

BARBER - M24 0150674

SERIAL NUMBER: G6414347. 0

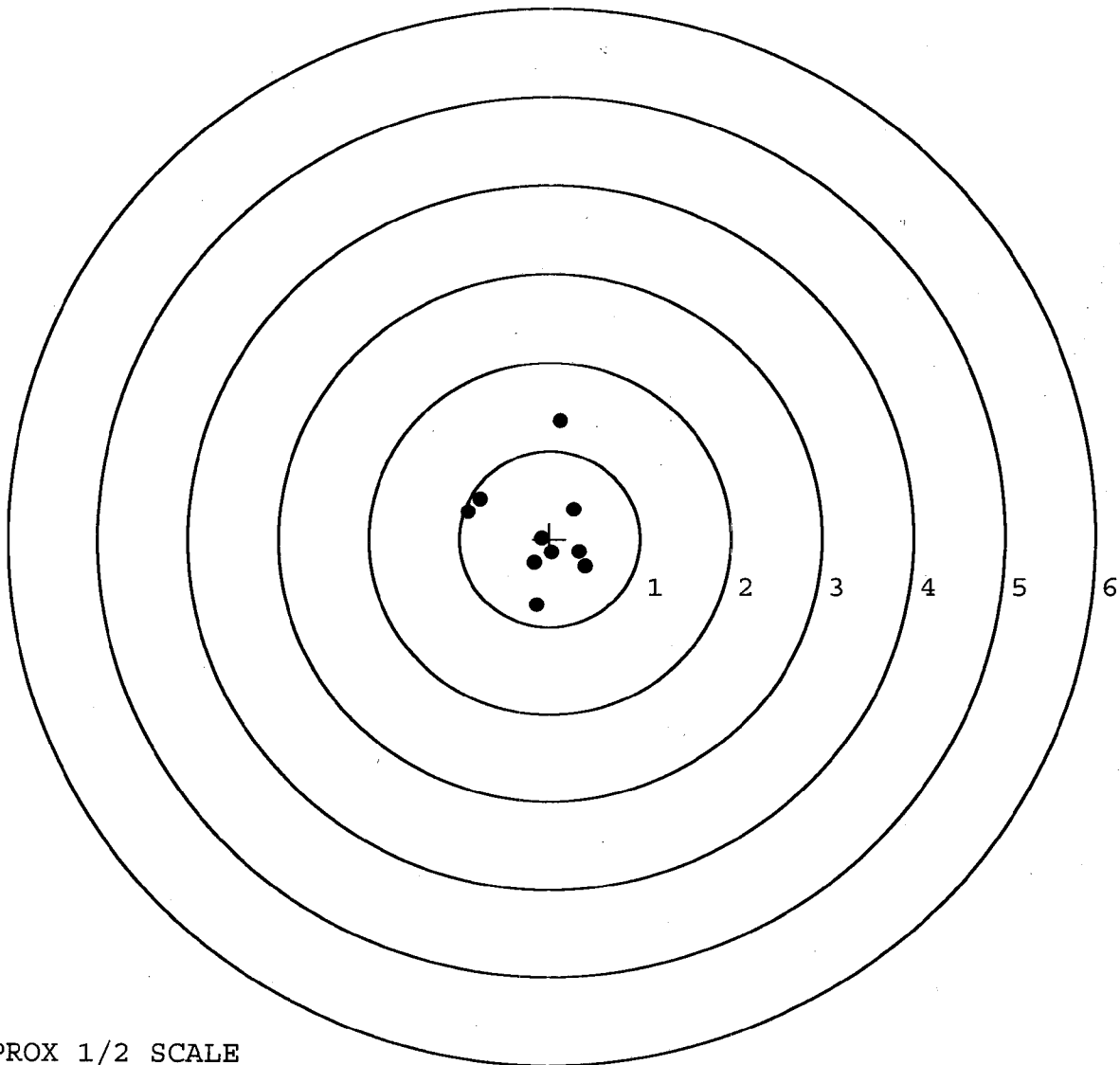
TARGET NUMBER: 2

FILE DATE: 05/18/2006

FILE TIME: 16:12

POINT#	X	Y
1:	-0.771	0.458
2:	-0.900	0.307
3:	0.115	1.335
4:	0.272	0.337
5:	-0.091	0.011
6:	-0.172	-0.274
7:	0.025	-0.156
8:	0.333	-0.151
9:	0.396	-0.317
10:	-0.140	-0.759

X CENTROID: -0.093
Y CENTROID: 0.079
POA TO CENTROID: 0.122
HORZ SPREAD: 1.296
VERT SPREAD: 2.094
GROUP SPREAD: 2.109
MIN RADIUS: 0.068
MAX RADIUS: 1.273
MEAN RADIUS: 0.598
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



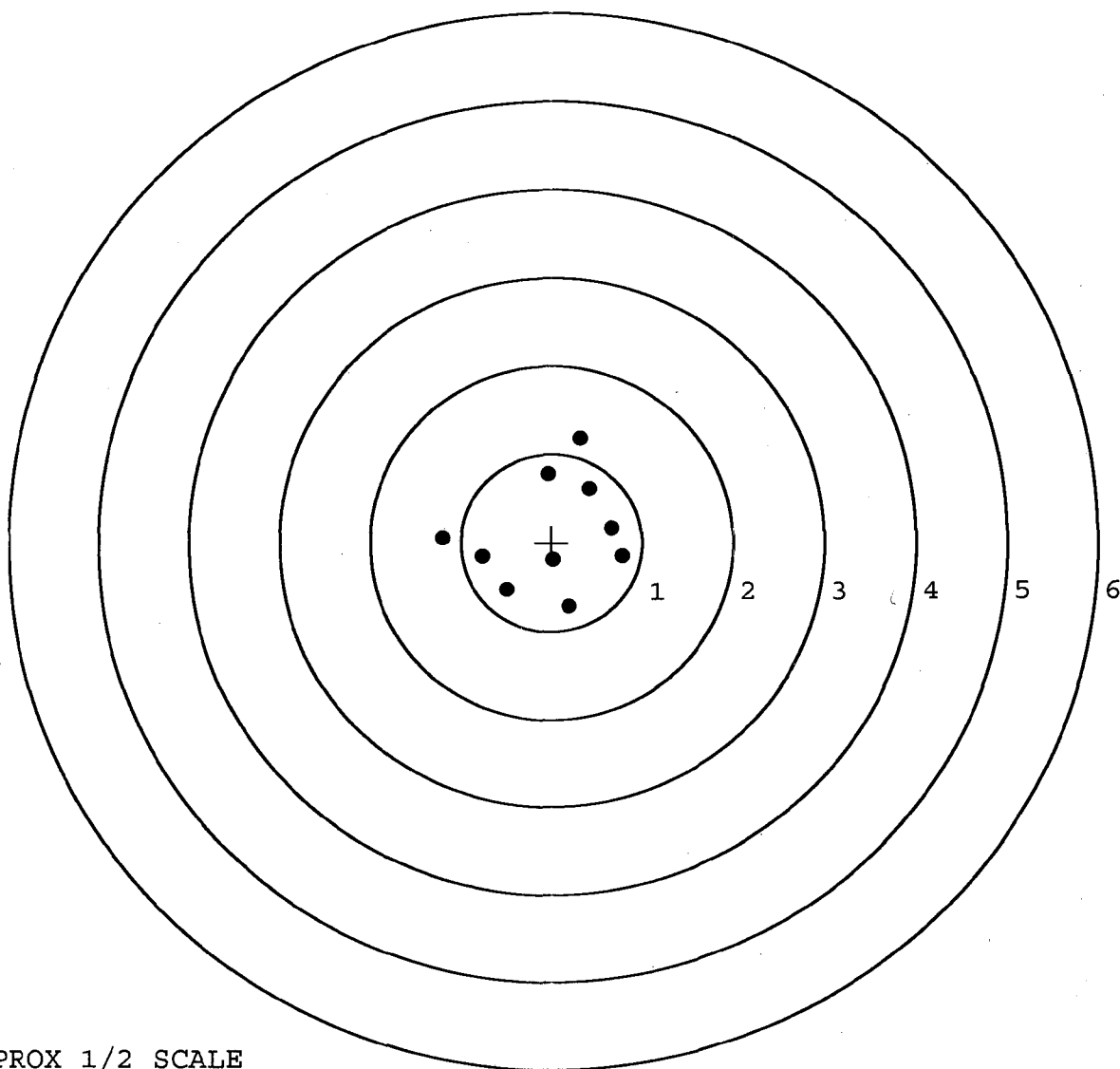
TARGET APPROX 1/2 SCALE

BARBER - M24 0150675

SERIAL NUMBER: G6414347. 0
 TARGET NUMBER: 3
 FILE DATE: 05/18/2006
 FILE TIME: 16:12

X CENTROID: -0.009
 Y CENTROID: 0.101
 POA TO CENTROID: 0.101
 HORZ SPREAD: 1.985
 VERT SPREAD: 1.899
 GROUP SPREAD: 1.997
 MIN RADIUS: 0.297
 MAX RADIUS: 1.195
 MEAN RADIUS: 0.792
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.035	0.775
2:	0.421	0.609
3:	0.322	1.174
4:	-1.203	0.056
5:	-0.762	-0.159
6:	-0.498	-0.531
7:	0.016	-0.195
8:	0.195	-0.725
9:	0.782	-0.159
10:	0.671	0.160



TARGET APPROX 1/2 SCALE

BARBER - M24 0150676

SERIAL NUMBER: G6414347. 0

TARGET NUMBER: 4

FILE DATE: 05/18/2006

FILE TIME: 16:12

X CENTROID: -0.005

Y CENTROID: -0.093

POA TO CENTROID: 0.093

HORZ SPREAD: 1.694

VERT SPREAD: 1.354

GROUP SPREAD: 2.009

MIN RADIUS: 0.165

MAX RADIUS: 1.114

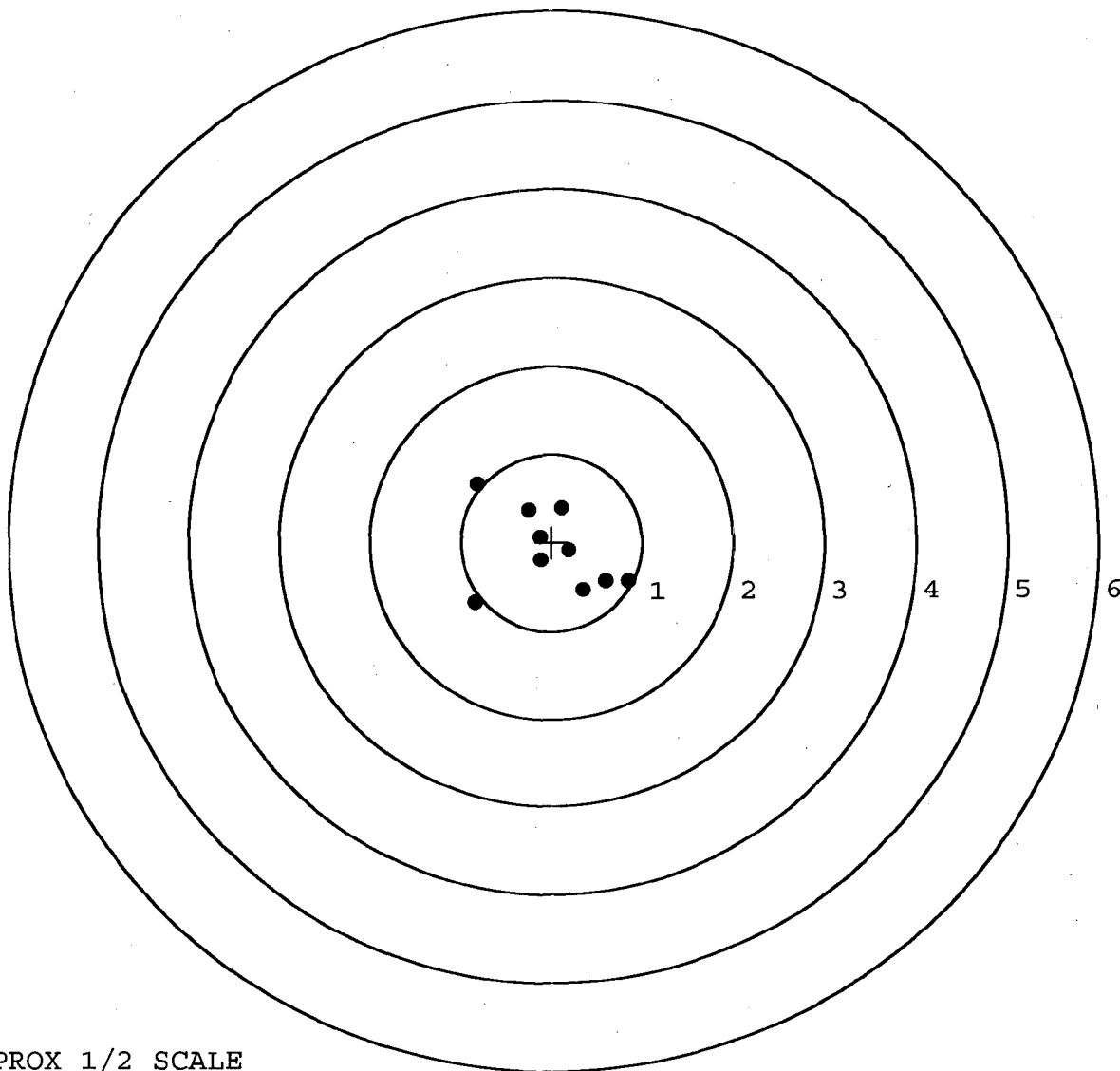
MEAN RADIUS: 0.591

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.817	0.670
2:	-0.248	0.371
3:	0.118	0.393
4:	-0.127	0.055
5:	-0.125	-0.206
6:	0.187	-0.097
7:	0.352	-0.543
8:	0.598	-0.444
9:	0.853	-0.446
10:	-0.841	-0.684



TARGET APPROX 1/2 SCALE

BARBER - M24 0150677

SERIAL NUMBER: G6414347. 0

TARGET NUMBER: 5

FILE DATE: 05/18/2006

FILE TIME: 16:12

X CENTROID: 0.077

Y CENTROID: 0.085

POA TO CENTROID: 0.115

HORZ SPREAD: 1.276

VERT SPREAD: 1.551

GROUP SPREAD: 1.695

MIN RADIUS: 0.309

MAX RADIUS: 1.031

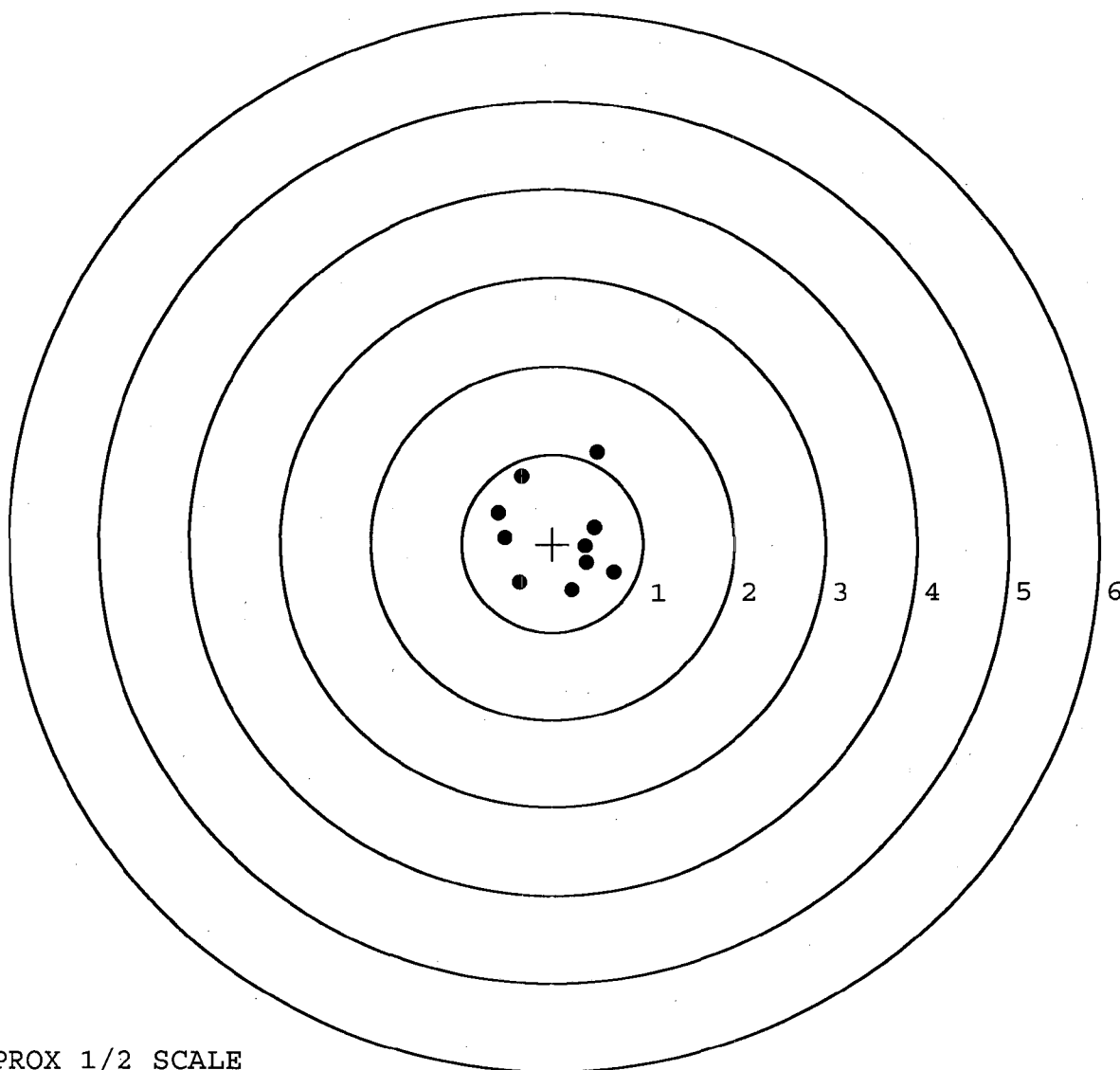
MEAN RADIUS: 0.632

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.500	1.025
2:	-0.337	0.755
3:	-0.599	0.342
4:	-0.532	0.069
5:	-0.362	-0.434
6:	0.219	-0.526
7:	0.375	-0.216
8:	0.365	-0.027
9:	0.677	-0.324
10:	0.468	0.184



TARGET APPROX 1/2 SCALE

R & E NUMBER	111257			
SERIAL NUMBER	E6413592		6641 4347 (NOM)	
LOG-IN DATE	4-19-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		5-2-06	RTZ
505	RE-BARREL		5-3-06	RTZ
560	ASSEMBLE		5-3-06	RTZ
600	PROOF	MAGNA - FLUX INSPECTED	5-3-06	NOM
605	CHECK HEADSPACE	MAY 08 2006	5-3-06	NOM
610	DIS-ASSEMBLE GUN			
612	MAGNAFLUX	OPERATOR <u>[Signature]</u>	3-8-06	APD
510	DRILL AND TAP		5-5-06	TRW
615	ROLLMARK CALIBER		5-8-06	CW
618	ROTO-BLAST		5-8-06	LB
620	APPLY COATINGS		5/11/06	PB
625	FINAL ASSEMBLY		5-16-06	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	5-18-06	NOM
650	TARGET	(PASS) FAIL	5-18-06	NOM
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		5-23-06	NOM
	A) HEADSPACE	(PASS) FAIL	5-23-06	NOM
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS		
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	8 lbs 8 lbs 8 lbs	NOM
	G) SAFETY OFF FORCE	2 LBS MIN	2 lbs 2 lbs 2 lbs	NOM

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expanding Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

BARBER - M24 0150679

Repair Inquiry

Repair Number: **RE00054289** Serial: C6225471 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: Closed 10/21/2002 1:15:39 PM

Verify Repair

Address Information

Customer: Received From Return To: Received From

Name: **SUPPLY SERVICES DIVISION** **SUPPLY SERVICES DIVISION**

Address 1: **WHSE 224** **WHSE 224**

Address 2: PO Box: PO Box:

City: **FORT BENNING** **FORT BENNING**

State: **GA** Zip Code: **31905** Country: **US** State: **GA** Zip Code: **31905** Country: **US**

FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Condition: **POOR**

Notes: **REC'D IN SAME HARD CASE W/ SER# E6413554**

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
X	FRT & REAR SGT BA	1

Repair Search Refresh Close

neglelj 10/21/2002 2:33 PM CAPS NUM INS SCPL

start 3 Mc... Micros... Arms S... Inbox ... 2 SA... Personal Part Se... 2:33 PM

E 641 3592

Serial Number: **C6225471**

Model: **700**

RE00054289

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6413592.__0

FILE DATE AND TIME: 11/07/2002 13:37

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

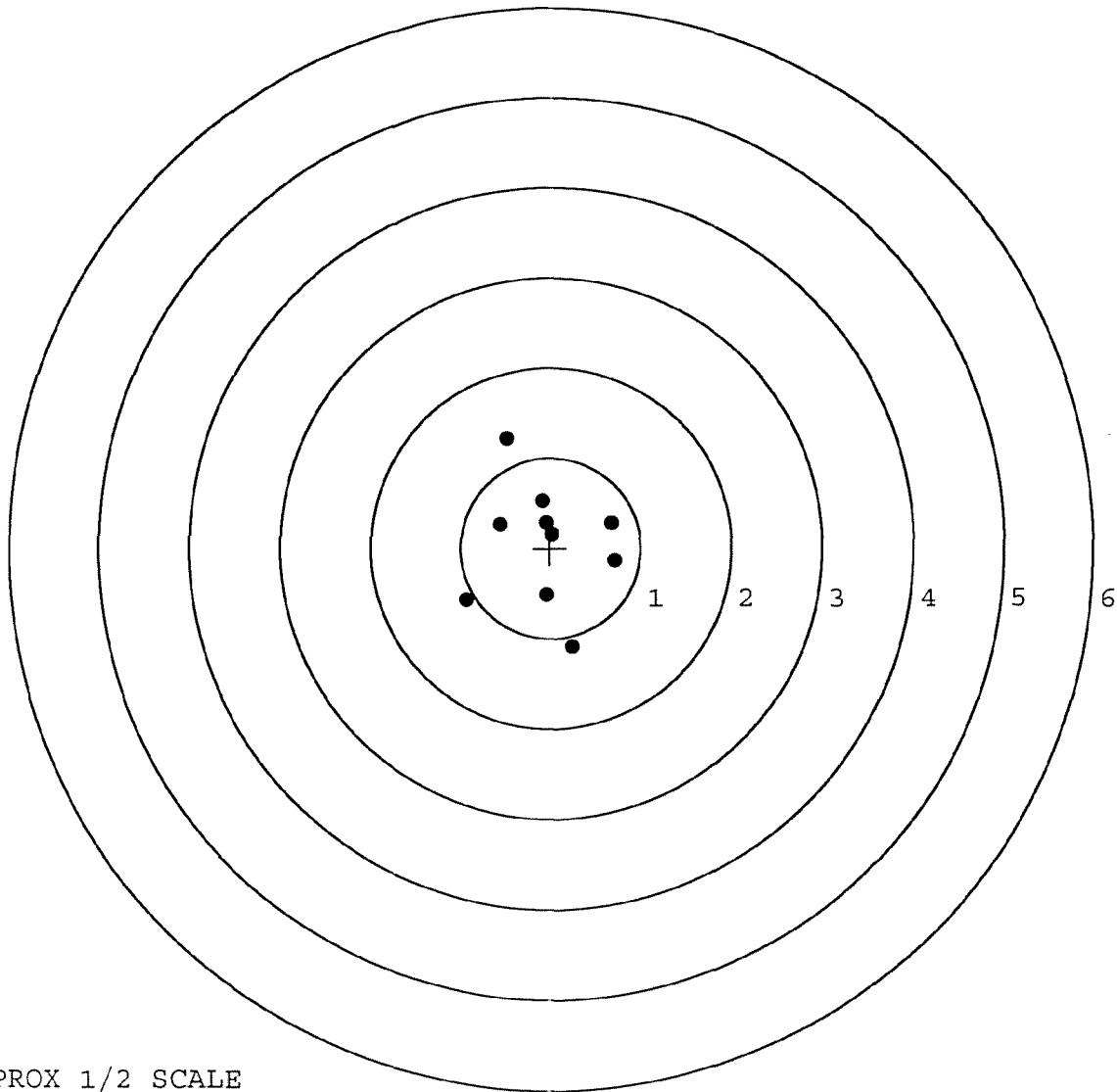
The Average X Centroid of the Five Target Set:	-0.044
The Average Y Centroid of the Five Target Set:	0.001
The Average Point of Impact of the Five Target Set:	0.044
The Average Mean Radius of the Five Target Set:	0.0595
The Distance from POA to Centroid Target #1:	0.064
The Distance from Centroid Target #2 to Centroid Target #1:	0.231
The Distance from Centroid Target #3 to Centroid Target #1:	0.143
The Distance from Centroid Target #4 to Centroid Target #1:	0.110
The Distance from Centroid Target #5 to Centroid Target #1:	0.036

BARBER - M24 0150681

SERIAL NUMBER: E6413592. __0
 TARGET NUMBER: 1
 FILE DATE: 11/07/2002
 FILE TIME: 13:37

POINT#	X	Y
1:	0.247	-1.095
2:	-0.043	-0.522
3:	-0.934	-0.583
4:	0.716	-0.137
5:	0.674	0.280
6:	0.026	0.159
7:	-0.090	0.522
8:	-0.563	0.266
9:	-0.492	1.213
10:	-0.043	0.286

X CENTROID: -0.050
 Y CENTROID: 0.039
 POA TO CENTROID: 0.064
 HORZ SPREAD: 1.650
 VERT SPREAD: 2.308
 GROUP SPREAD: 2.423
 MIN RADIUS: 0.142
 MAX RADIUS: 1.254
 MEAN RADIUS: 0.705
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0150682

SERIAL NUMBER: E6413592. — 0

TARGET NUMBER: 2

FILE DATE: 11/07/2002

FILE TIME: 13:37

X CENTROID: -0.087

Y CENTROID: -0.189

POA TO CENTROID: 0.208

HORZ SPREAD: 1.669

VERT SPREAD: 1.093

GROUP SPREAD: 1.934

MIN RADIUS: 0.175

MAX RADIUS: 1.037

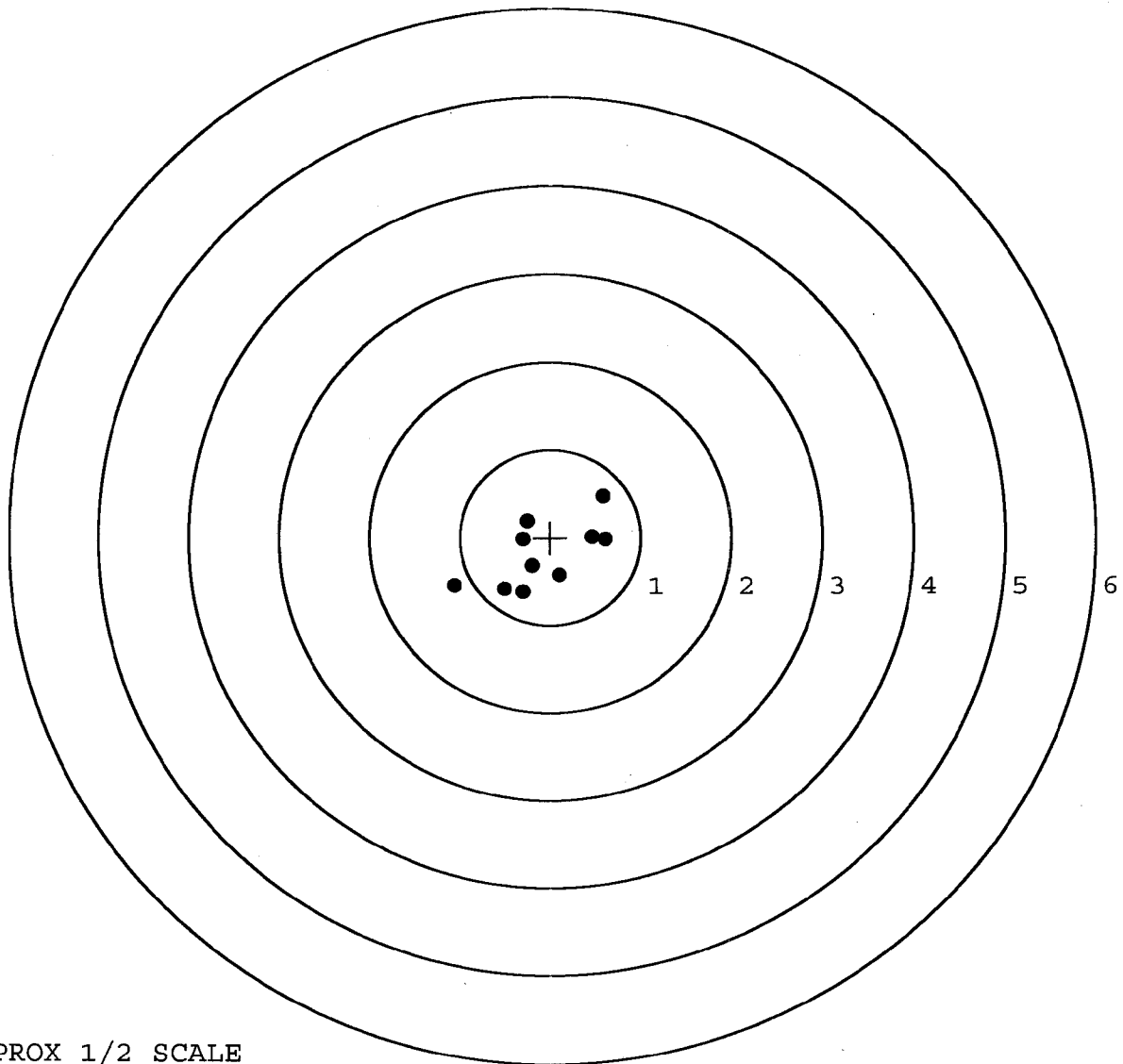
MEAN RADIUS: 0.551

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.509	-0.587
2:	-0.300	-0.623
3:	-1.060	-0.548
4:	0.102	-0.430
5:	0.609	-0.026
6:	0.465	0.013
7:	0.584	0.470
8:	-0.257	0.189
9:	-0.305	-0.024
10:	-0.201	-0.321



TARGET APPROX 1/2 SCALE

BARBER - M24 0150683

SERIAL NUMBER: E6413592. 0

TARGET NUMBER: 3

FILE DATE: 11/07/2002

FILE TIME: 13:37

X CENTROID: -0.030

Y CENTROID: 0.181

POA TO CENTROID: 0.183

HORZ SPREAD: 1.234

VERT SPREAD: 1.559

GROUP SPREAD: 1.599

MIN RADIUS: 0.060

MAX RADIUS: 0.816

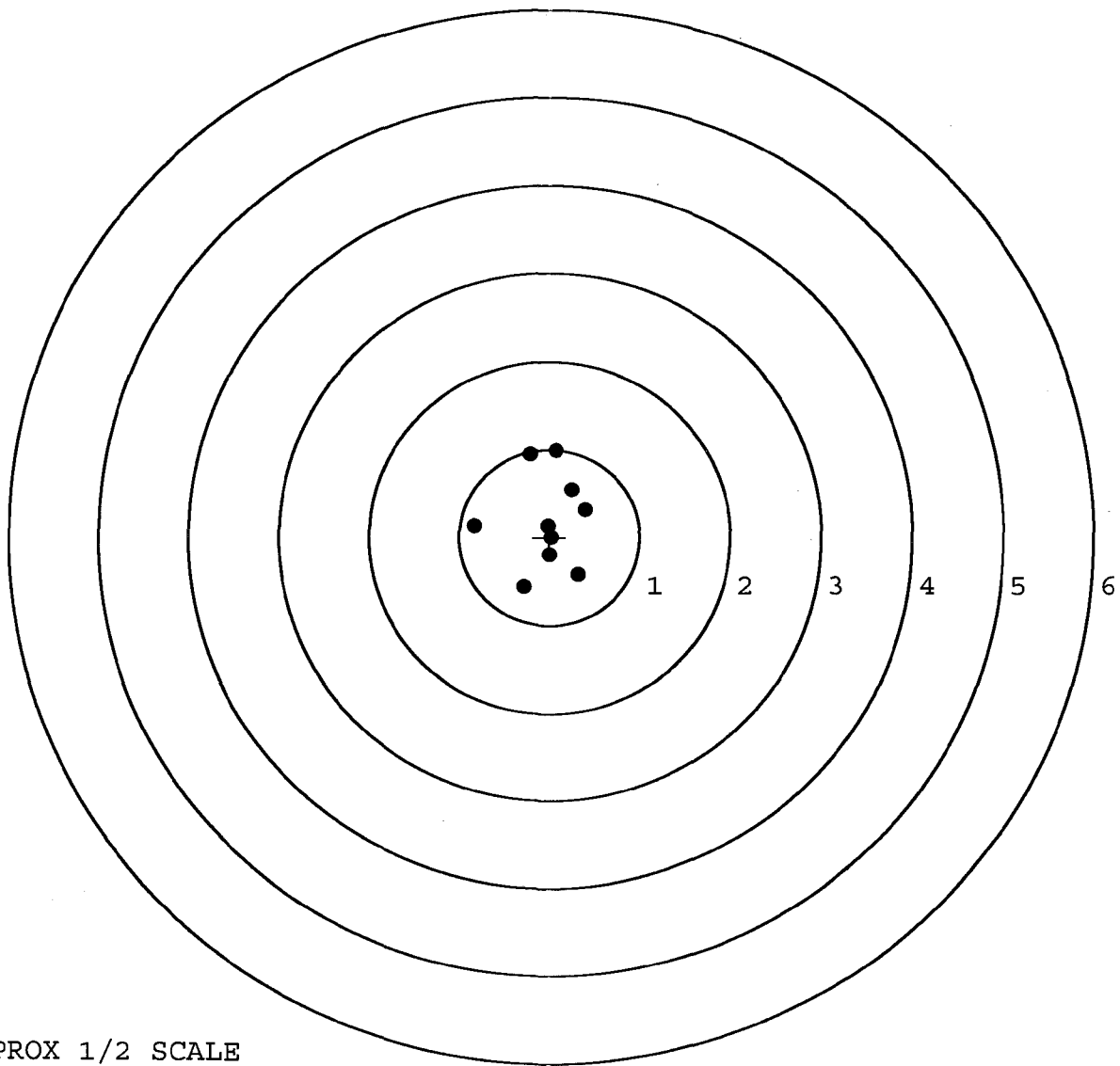
MEAN RADIUS: 0.545

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.283	-0.569
2:	0.320	-0.429
3:	-0.837	0.120
4:	0.074	0.990
5:	-0.218	0.944
6:	0.247	0.540
7:	0.397	0.308
8:	-0.020	0.121
9:	0.003	-0.212
10:	0.021	-0.008



TARGET APPROX 1/2 SCALE

BARBER - M24 0150684

SERIAL NUMBER: E6413592. 0

TARGET NUMBER: 4

FILE DATE: 11/07/2002

FILE TIME: 13:37

X CENTROID: -0.040

Y CENTROID: -0.071

POA TO CENTROID: 0.082

HORZ SPREAD: 1.532

VERT SPREAD: 1.390

GROUP SPREAD: 1.598

MIN RADIUS: 0.318

MAX RADIUS: 0.935

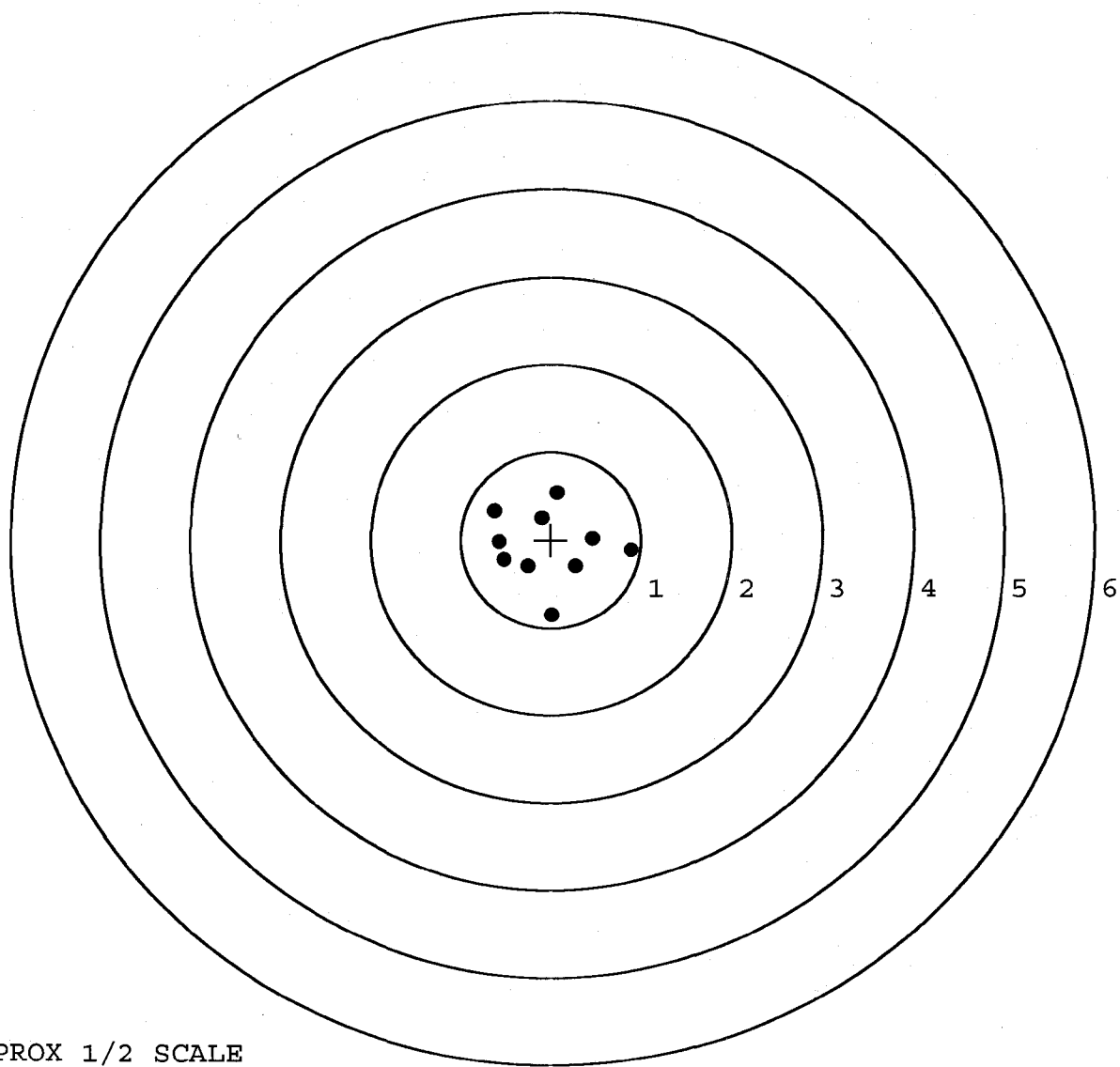
MEAN RADIUS: 0.564

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.008	-0.856
2:	0.274	-0.300
3:	0.460	0.017
4:	0.893	-0.124
5:	-0.255	-0.305
6:	-0.109	0.248
7:	0.064	0.534
8:	-0.639	0.329
9:	-0.577	-0.021
10:	-0.521	-0.232



TARGET APPROX 1/2 SCALE

BARBER - M24 0150685

SERIAL NUMBER: E6413592. 0

TARGET NUMBER: 5

FILE DATE: 11/07/2002

FILE TIME: 13:37

X CENTROID: -0.014

Y CENTROID: 0.044

POA TO CENTROID: 0.047

HORZ SPREAD: 1.636

VERT SPREAD: 1.500

GROUP SPREAD: 1.872

MIN RADIUS: 0.282

MAX RADIUS: 1.229

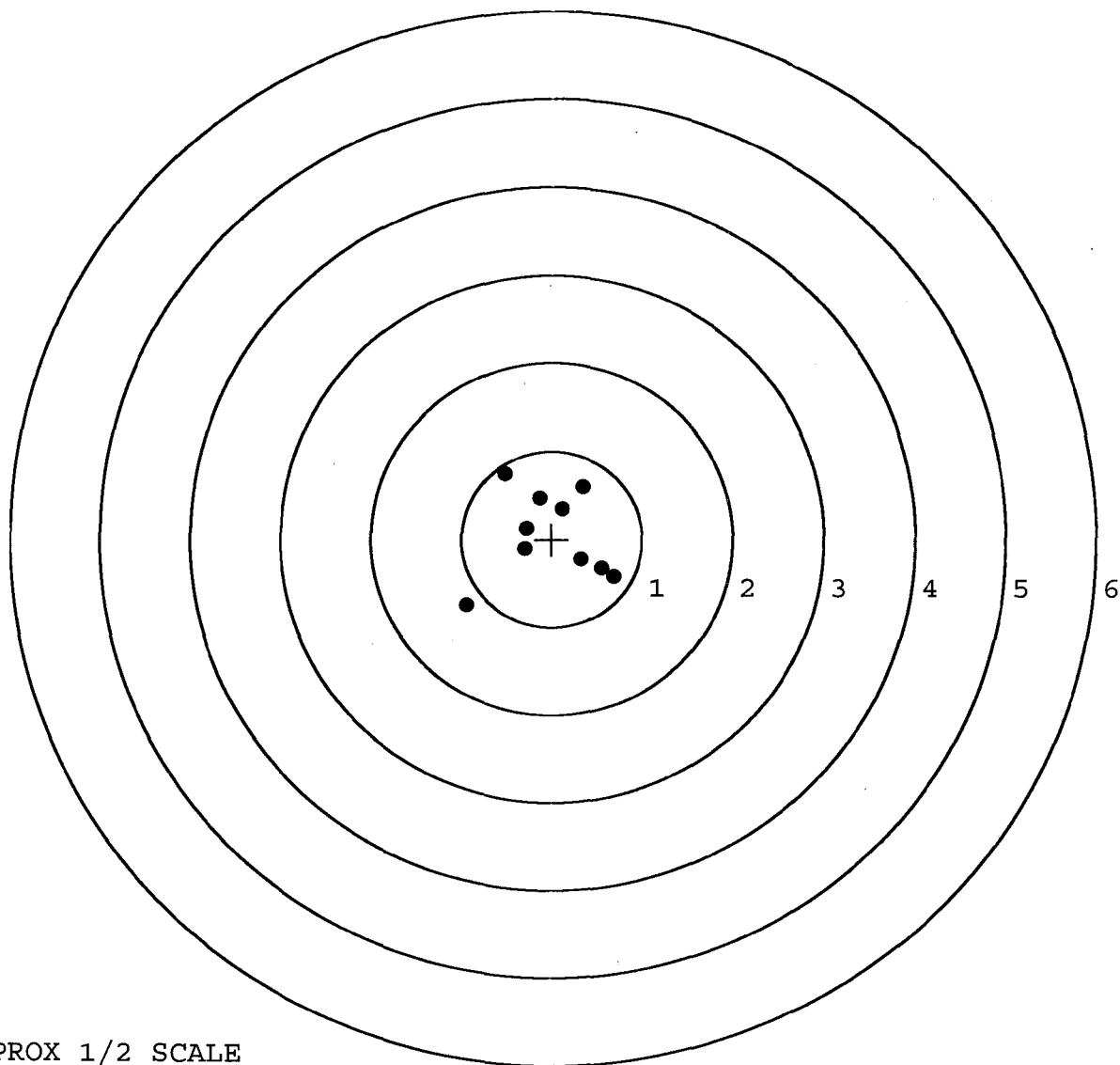
MEAN RADIUS: 0.610

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.691	-0.421
2:	0.555	-0.331
3:	0.327	-0.227
4:	-0.945	-0.758
5:	-0.294	-0.111
6:	-0.283	0.129
7:	0.118	0.353
8:	-0.140	0.472
9:	0.347	0.597
10:	-0.520	0.742



TARGET APPROX 1/2 SCALE

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

BARBER - M24 0150686

SERIAL NO.

DATE 10-24-02

TESTER TRC

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.31		2.30	MIN. SETTING
PULL #2	2.37	2.27		2.24	NO AVG. OF 5
PULL #3	2.34	2.28		2.31	READINGS ACCEPT-
PULL #4	2.31	2.26		2.27	ABLE LESS THAN 2
PULL #5	2.33	2.26		2.30	
TOTAL	11.65	11.38		11.42	
AVG.	2.33	2.27		2.28	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.04	3.24		
PULL #2	3.28	3.23		
PULL #3	3.26	3.20		
PULL #4	3.26	3.23		
PULL #5	3.28	3.21		
TOTAL	16.12	16.11		
AVG.	3.22	3.22		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCUR
PULL #1	4.05	4.03		4.10
PULL #2	4.05	4.04		4.23
PULL #3	4.07	4.06		4.27
PULL #4	4.03	4.01		4.24
PULL #5	4.04	4.06		4.25
TOTAL	20.24	20.20		21.09
AVG.	4.04	4.04		4.21

BARBER - M24 0150687 M-24 INSPECTION CHECKLIST
 CONTRACT #: DAAE-20-97-C-242

R & E NUMBER	34289		
SERIAL NUMBER	6228471 new E6413592		
LOG-IN DATE	10/21/02		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10/24/02	RL
560 A	RE-BARREL	10/24/02	RL
B	DRILL AND TAP	10-29-02	TRW
575	ASSEMBLE	10-24-02	RW
600	PROOF	10-24-02	RW
605	CHECK HEADSPACE GNA - FLUX INSPECTED	10-24-02	RW
610	DIS-ASSEMBLE GUN	10-24-02	RW
612	MAGNAFLUX		
615	ROLLMARK CALIBERTOR		
618	ROTO-BLAST	10/29/02	AO
620	APPLY COATINGS	10-30	TA
625 A	FINAL ASSEMBLY	11/1/02	RL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-6-02	A
655	FINAL INSPECT	11-12-02	RL
660	PACK	11-12-02	RA
		SHIP DATE	
	QAR INSPECTION DATE		

Centroidal distance calculations for Rifle # c6225471
2 Feb 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1828
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0506
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .189674

THE AMR FOR THIS RIFLE IS: 1.064

CENTROIDAL DISTANCES

0 TO 1	.158808
1 TO 2	.244364
1 TO 3	.105095
1 TO 4	.365776
1 TO 5	.136858

1 3 4 <----POA
2

BARBER - M24 0150690

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .159

MIN RADIUS : .216

MEAN RADIUS : 1.064

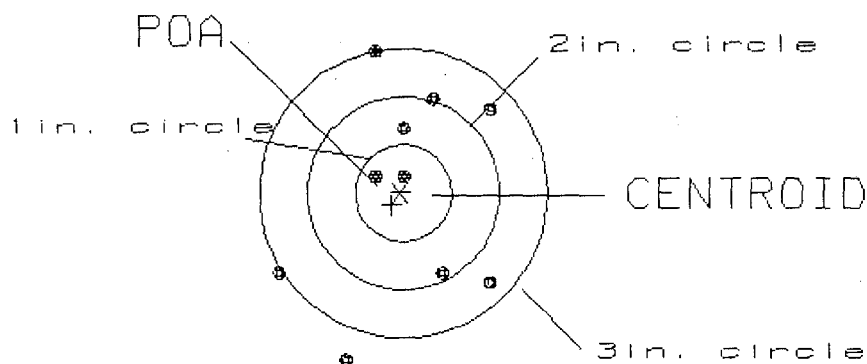
MAX RADIUS : 1.842

CENTROID X : .094

CENTROID Y : .128

2 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225471.1

CENTERFIRE PATTERN # 1

OF SHOTS= 10

IN CIRCLE

HS= 2.24

2

VS= 3.20

4

GS= 3.21

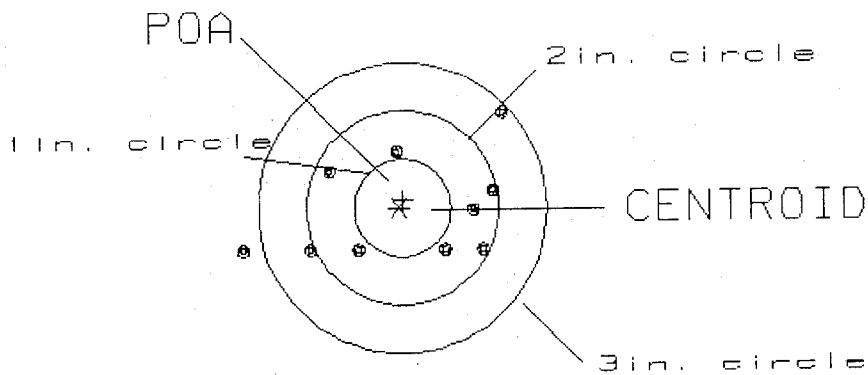
8

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .086
 MIN RADIUS : .572
 MEAN RADIUS : .947
 MAX RADIUS : 1.691
 CENTROID X : -.039
 CENTROID Y : -.077

2 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225471.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.67

0

VS= 1.44

7

GS= 2.99

9

REMINGTON CENTERFIRE ACCURACY TEST

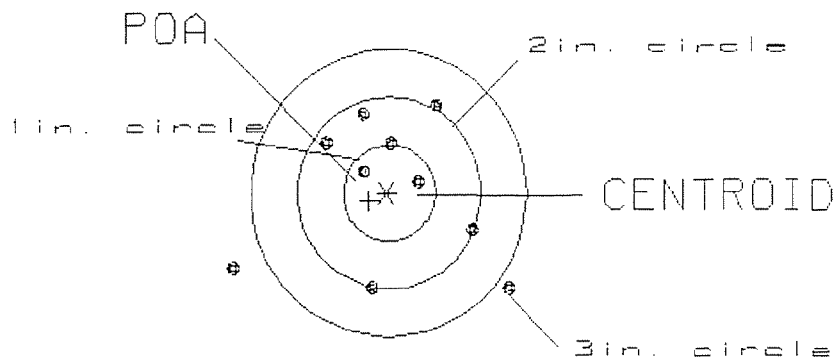
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 3
 POA TO CENTROID: .205
 MIN RADIUS : .312
 MEAN RADIUS : .942
 MAX RADIUS : 1.890
 CENTROID X : .188
 CENTROID Y : .081

2 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225471.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.08
 US= 1.95
 GS= 3.09

2
 7
 8

REMINGTON CENTERFIRE ACCURACY TEST

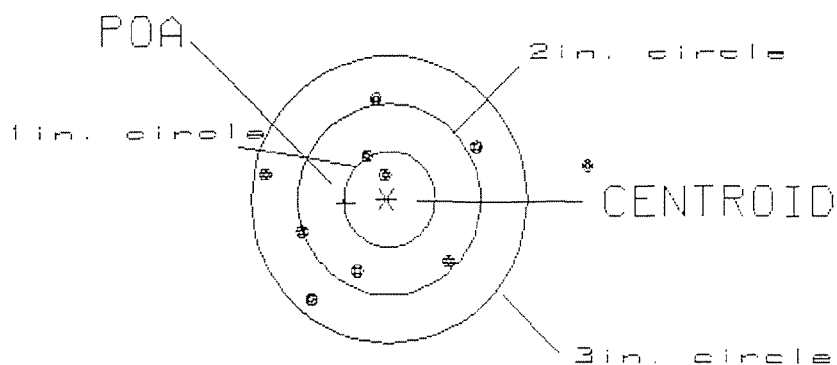
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4
 POA TO CENTROID: .452
 MIN RADIUS : .242
 MEAN RADIUS : 1.052
 MAX RADIUS : 2.144
 CENTROID X : .450
 CENTROID Y : .044

2 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225471.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.41
 VS= 2.10
 GS= 3.41

2
 4
 9

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 5

POA TO CENTROID: .234

MIN RADIUS : .264

MEAN RADIUS : 1.314

MAX RADIUS : 2.451

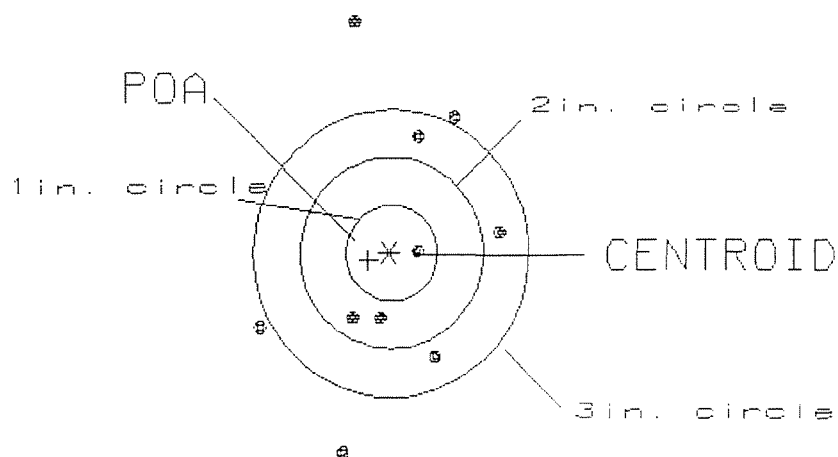
CENTROID X : .221

CENTROID Y : .077

2 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225471.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.52

1

US= 4.51

3

GS= 4.52

6

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

C6225471

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	12-12-99	RW
605	CHECK HEADSPACE	12-12-99	RW
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	1-28-00	RW
655	FINAL INSPECT	2-8-00	RW
660	PACK		

QAR INSPECTION

SHIP DATE

Final Inspection

S.N. C6225471 DATE REC'D: 10-18-99 DATE RET'D:

AUDITOR: RW

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:

Remington®
REG. U.S. PAT. & TM. OFF.

DUPONT

VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700™ M24

SERIAL NO.
C6225471

ORDER NO.
5716

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

Ø1



5716 C6225471

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225471

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 12 89		RW
600	Proof	4 12 89		RW
607	Check Headspace	4 12 89		RW
610	Dis-assemble Gun	4 12 89		RW
612	Magnaflux Barrel Action		4/13/89	KCR
	Magnaflux Bolt		4/14/89	KCR
615	Rollmark Caliber		4/14/89	KCR
617	Drill and Tap Sight Holes	4 14 89		LB
618	Polish Barrel RB	4 14 89		BT
620	Apply Coatings (Barrel Action)		4/19/89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/10/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/10/89	RW
	C) Inspect Ejector Hole for Chamfer		5/10/89	RW
	D) Oil Firing Pin Ass'y		5/10/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/12/89	WVB

op. NAME	BARBER - M24 0150699	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			5/15/89	JV
	G) Safety Off Force	2	2	2			5/15/89	JV
	H) Trigger Pull Test & Retainability						5/12/89	WVB
	I) Firing Pin Indent	.021	.021	.022			5/15/89	JV
	J) Assemble Stock						5/16/89	RW
	K) Assemble Swivel Studs						17 May 89	JS
	L) Attach Front and Rear Sight Assemblies						5/16/89	RW
	M) Iron Sight Alignment						5/16/89	RW
	N) Detach Front & Rear Sights & place in numbered container						5/16/89	RW
	O) Attach Scope to Rifle						5/16/89	JV
	P) Detach & Attach Scope 20 Times						5/16/89	JV
640	Gallery Target & Test	78 R	76 L				5/16/89	DH
	A) Time						5/16/89	DH
	B) Malfunctions						5/16/89	DH
	C) Pierced Primers						5/16/89	DH
	D) Optical Clarity of Scope						5/16/89	DH
645	Inspect for Live Ammo						5/16/89	DH
655	Final Inspection							
	A) Headspace						17 May 89	JS
	B) Trigger Pull	2.72	2.73	2.71	2.66	2.56	17 May 89	JS
	C) Function						17 May 89	JS
660	Pack						26 June 89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 6225471DATE 3-28-90TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.35		2.42	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.40	2.44		2.53	
PULL #3	2.39	2.45		2.56	
PULL #4	2.40	2.43		2.53	
PULL #5	2.44	2.45		2.46	
TOTAL	12.04	12.12		12.50	
AVG.	2.408	2.424		2.5	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.39		
PULL #2	3.42	3.40		
PULL #3	3.40	3.42		
PULL #4	3.39	3.40		
PULL #5	3.41	3.44		
TOTAL	17.01	17.05		
AVG.	3.402	3.41		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.16	4.53		
PULL #2	4.56	4.53		
PULL #3	4.53	4.54		
PULL #4	4.51	4.52		
PULL #5	4.42	4.55		
TOTAL	22.18	22.67		
AVG.	4.436	4.534		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225471
17 May 1989

CENTROIDAL DISTANCES

0 TO	1	.423861
1 TO	2	.437858
1 TO	3	.474899
1 TO	4	.520981
1 TO	5	.468825

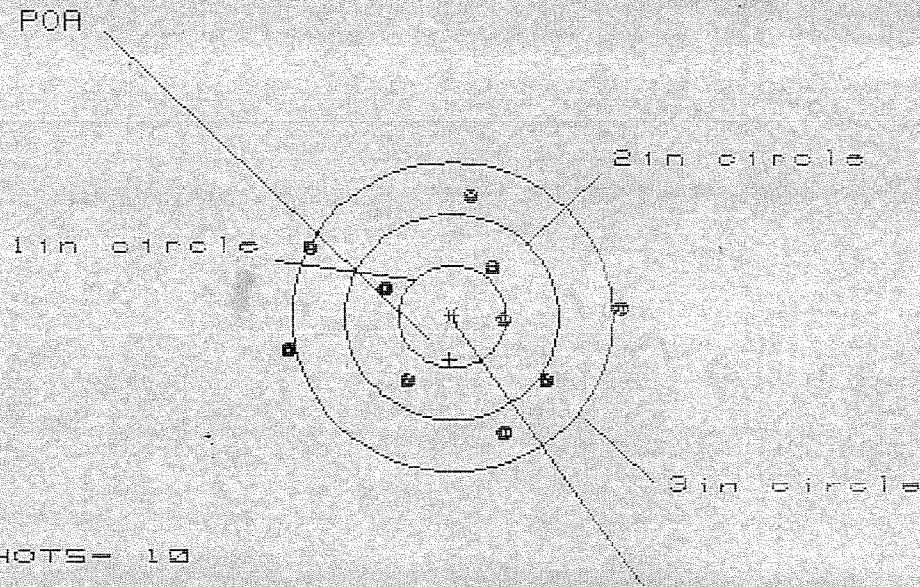
4 1
5 3 (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1694
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2504
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .302319
THE AMR FOR THIS RIFLE IS: .9656

16 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/CG225471

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS= 3.113

VS= 2.291

GS= 3.133

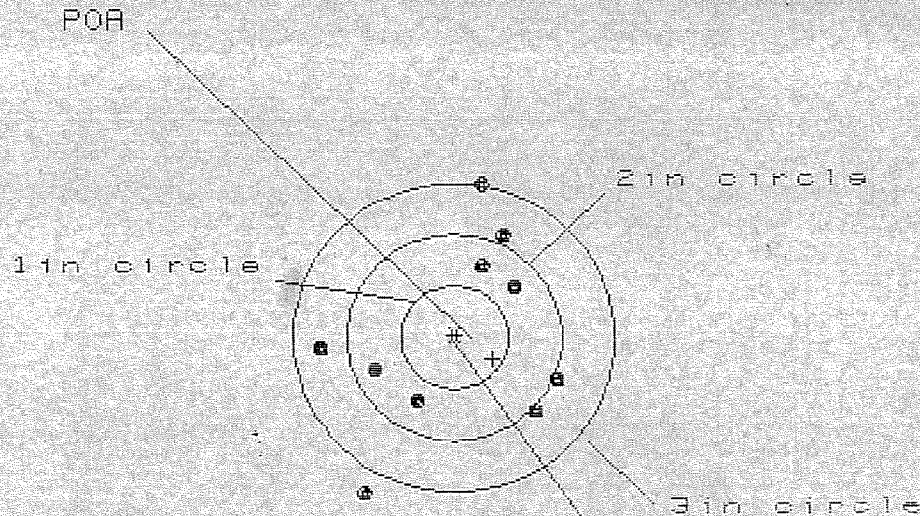
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.546	1.372	.860
MINIMUM X	-1.567	-1.485	-1.313
MAXIMUM Y	1.185	1.154	1.160
MINIMUM Y	-1.106	-1.137	-1.131
CENTROID X	.027	.201	.029
CENTROID Y	.423	.454	.448
POA TO CENTROID in.	.424	.496	.449
MIN RADIUS	.510	.339	.509
MEAN RADIUS	1.062	.978	.934
MAX RADIUS	1.591	1.617	1.463
HORIZONTAL SPREAD	3.113	2.857	2.173
VERTICAL SPREAD	2.291	2.291	2.291
EXTREME SPREAD	3.133	2.918	2.531
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

16 May 1985

FILE:/PATTERNING/CENTERFIRE_PATT/C6225471

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 6

HS= 2.214

VS= 3.015

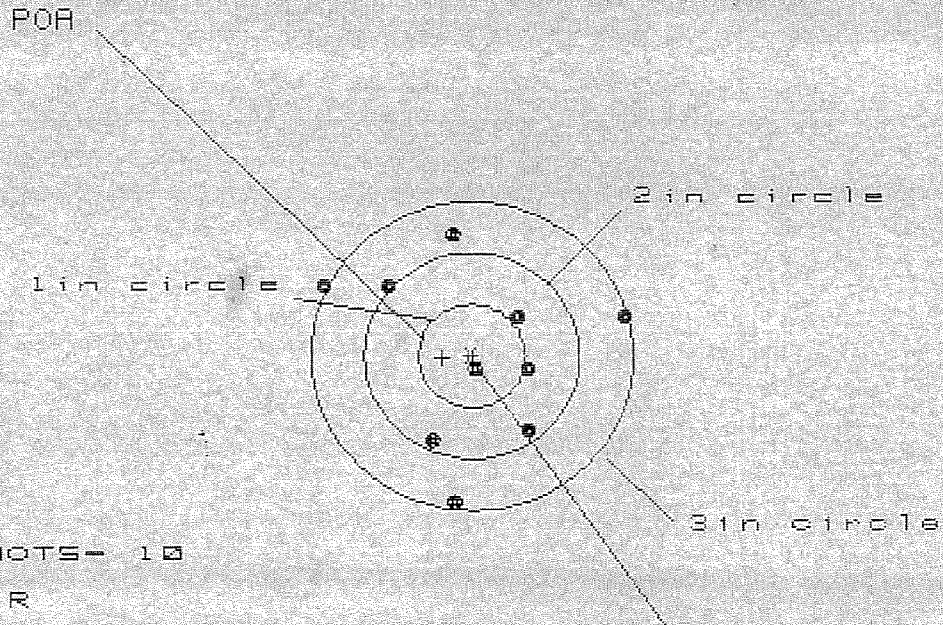
GS= 3.195

PATTERN #	2	2	2
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.965	.872	.888
MINIMUM X	-1.249	-1.342	-1.326
MAXIMUM Y	1.481	1.311	.983
MINIMUM Y	-1.534	-.837	-.673
CENTROID X	-.355	-.262	-.278
CENTROID Y	.209	.379	.215
POA TO CENTROID in.	.412	.461	.351
MIN RADIUS	.734	.561	.695
MEAN RADIUS	1.074	.975	.931
MAX RADIUS	1.747	1.376	1.333
HORIZONTAL SPREAD	2.214	2.214	2.214
VERTICAL SPREAD	3.015	2.148	1.656
EXTREME SPREAD	3.195	2.231	2.231
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

16 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225471

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS= 2.827

VS= 2.588

GS= 2.841

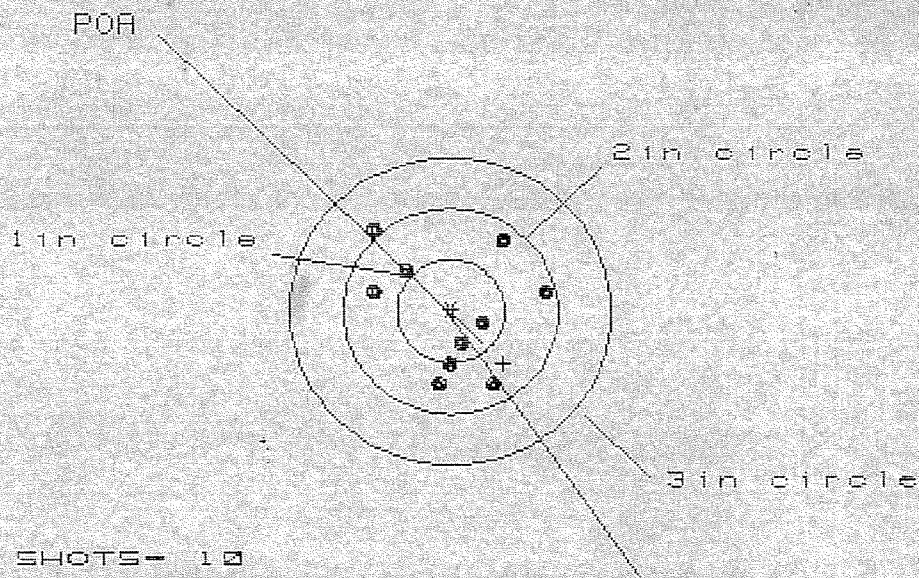
CENTROID #

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.407
MINIMUM X	-1.420
MAXIMUM Y	1.180
MINIMUM Y	-1.408
CENTROID X	.275
CENTROID Y	.018
POA TO CENTROID in.	.275
MIN RADIUS	.156
MEAN RADIUS	.985
MAX RADIUS	1.559
HORIZONTAL SPREAD	2.827
VERTICAL SPREAD	2.588
EXTREME SPREAD	2.841
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	9

16 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225471

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 3

2in = 9

3in = 10

HS= 1.510

VS= 1.562

GS= 1.891

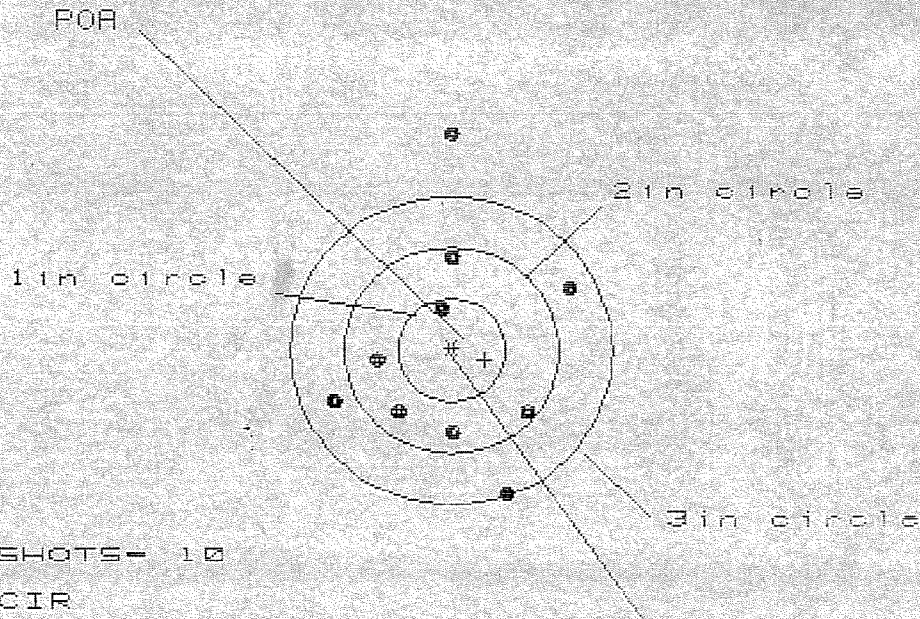
CENTROID *

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.885	.804	.468
MINIMUM X	-.725	-.779	-.679
MAXIMUM Y	.809	.732	.770
MINIMUM Y	-.753	-.663	-.625
CENTROID X	-.487	-.406	-.506
CENTROID Y	.508	.418	.380
POA TO CENTROID in.	.703	.583	.633
MIN RADIUS	.257	.163	.165
MEAN RADIUS	.665	.592	.551
MAX RADIUS	1.087	.860	.901
HORIZONTAL SPREAD	1.610	1.583	1.147
VERTICAL SPREAD	1.562	1.395	1.395
EXTREME SPREAD	1.891	1.583	1.460
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		9	
NUMBER IN THREE INCH CIRCLE =		10	

16 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225471

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 2.147

VS= 3.419

GS= 3.444

CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.066
MINIMUM X	-1.081
MAXIMUM Y	2.075
MINIMUM Y	-1.344
CENTROID X	-.307
CENTROID Y	.094
POA TO CENTROID in.	.321
MIN RADIUS	.433
MEAN RADIUS	1.042
MAX RADIUS	2.075
HORIZONTAL SPREAD	2.147
VERTICAL SPREAD	3.419
EXTREME SPREAD	3.444
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	9