

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

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

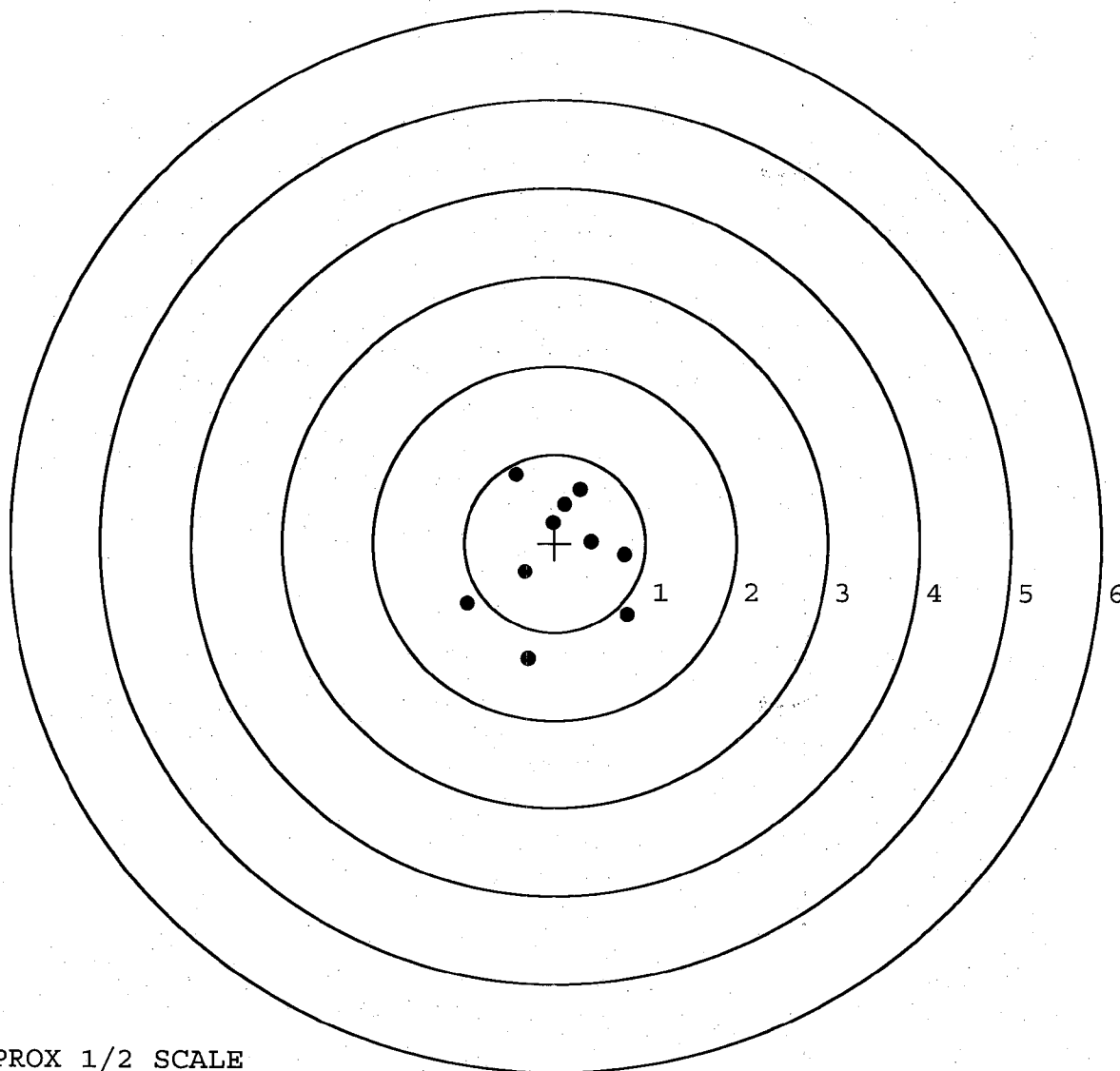
MEAN RADIUS: 0.762

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

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

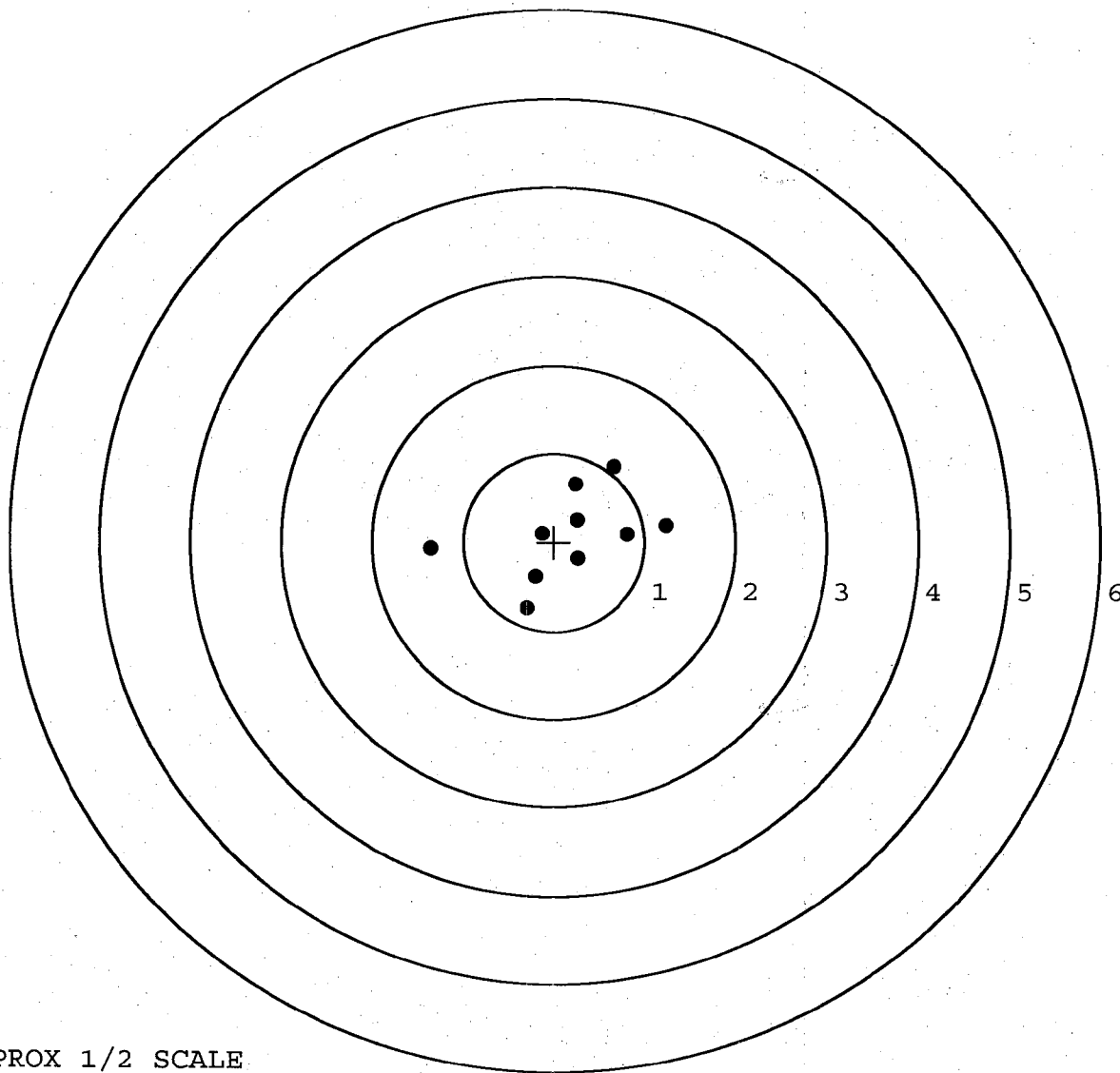
MEAN RADIUS: 0.707

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

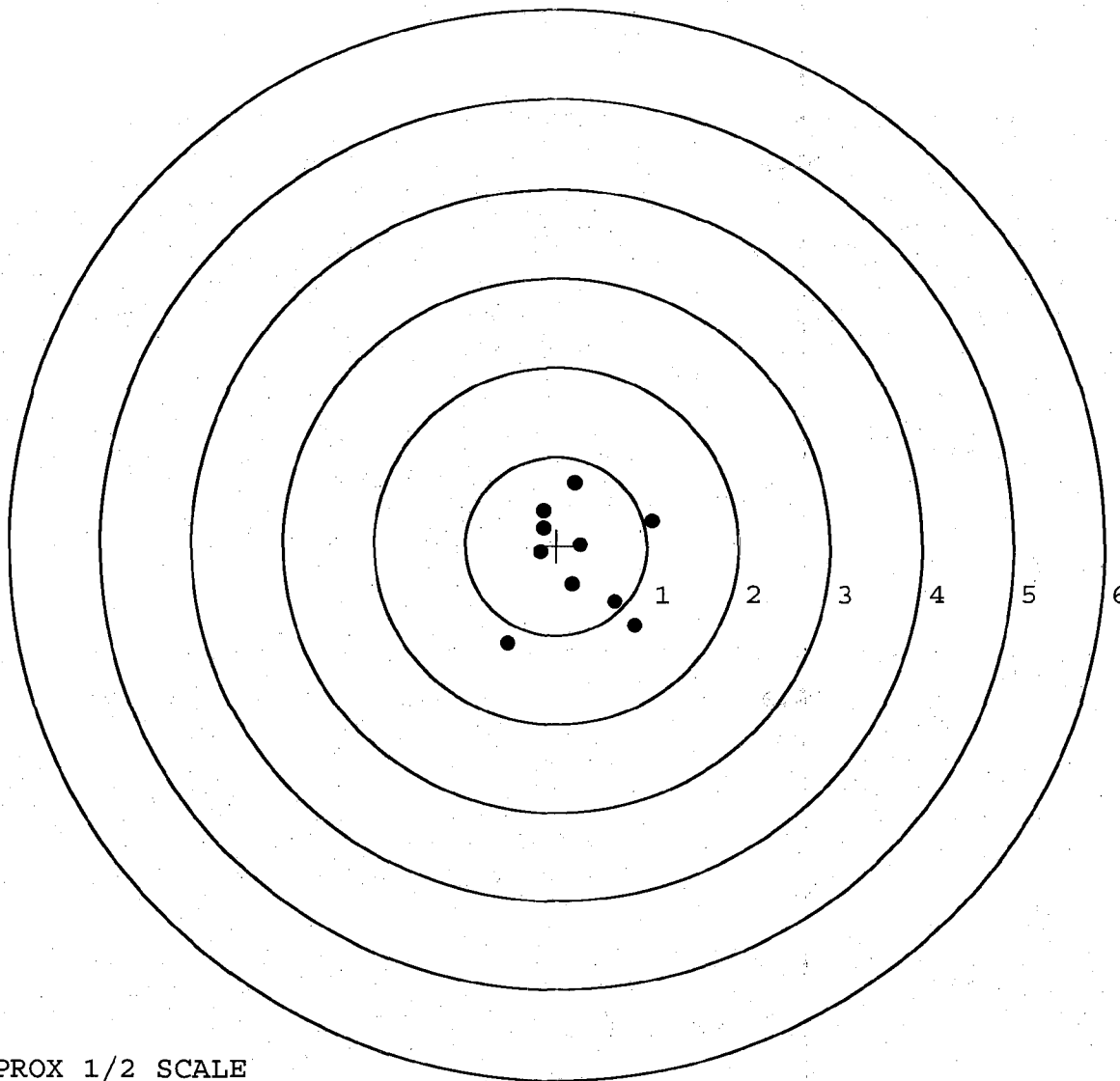


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414347. 0
TARGET NUMBER: 3
FILE DATE: 05/11/2007
FILE TIME: 21:06

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

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

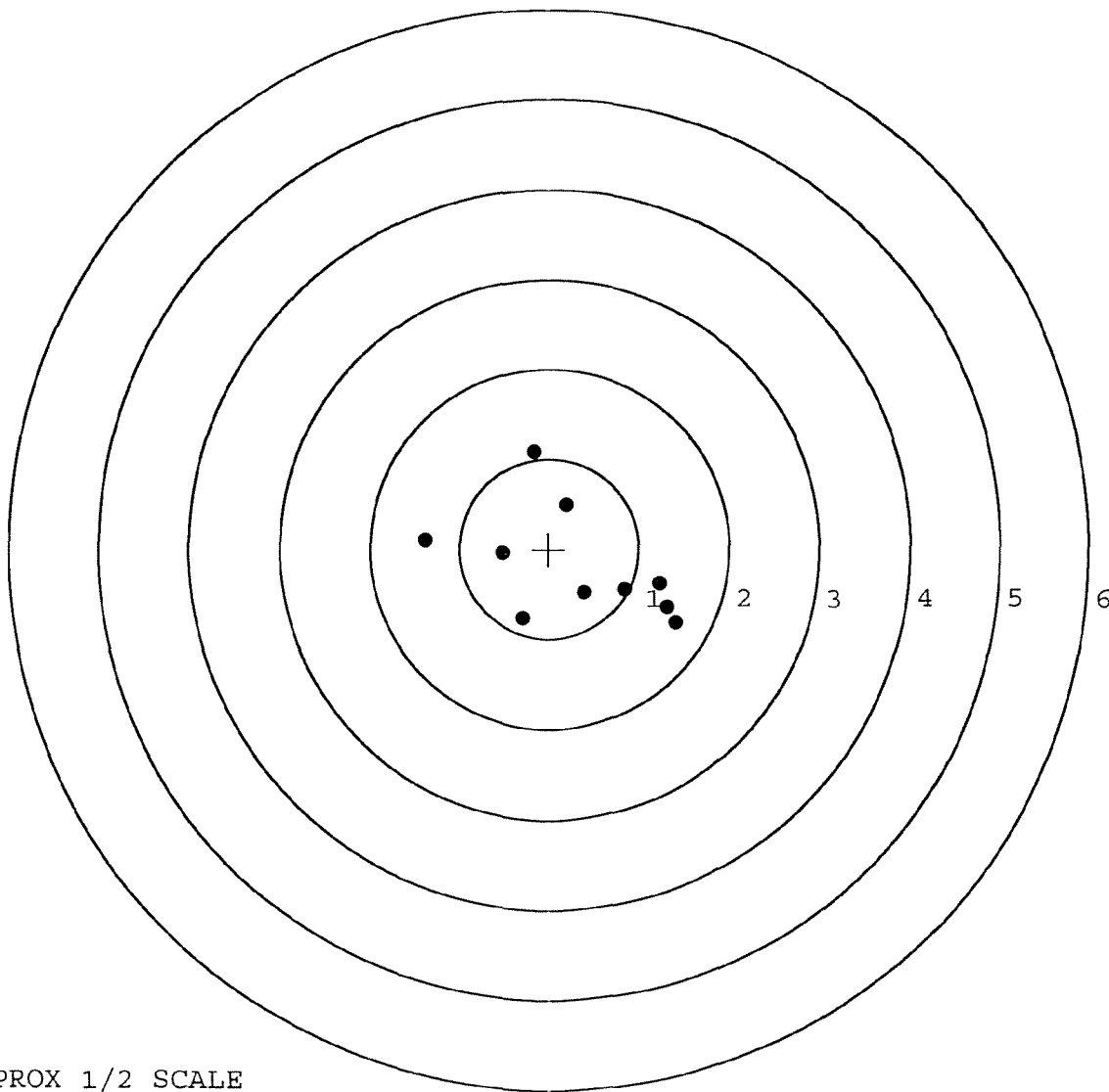


TARGET APPROX 1/2 SCALE

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

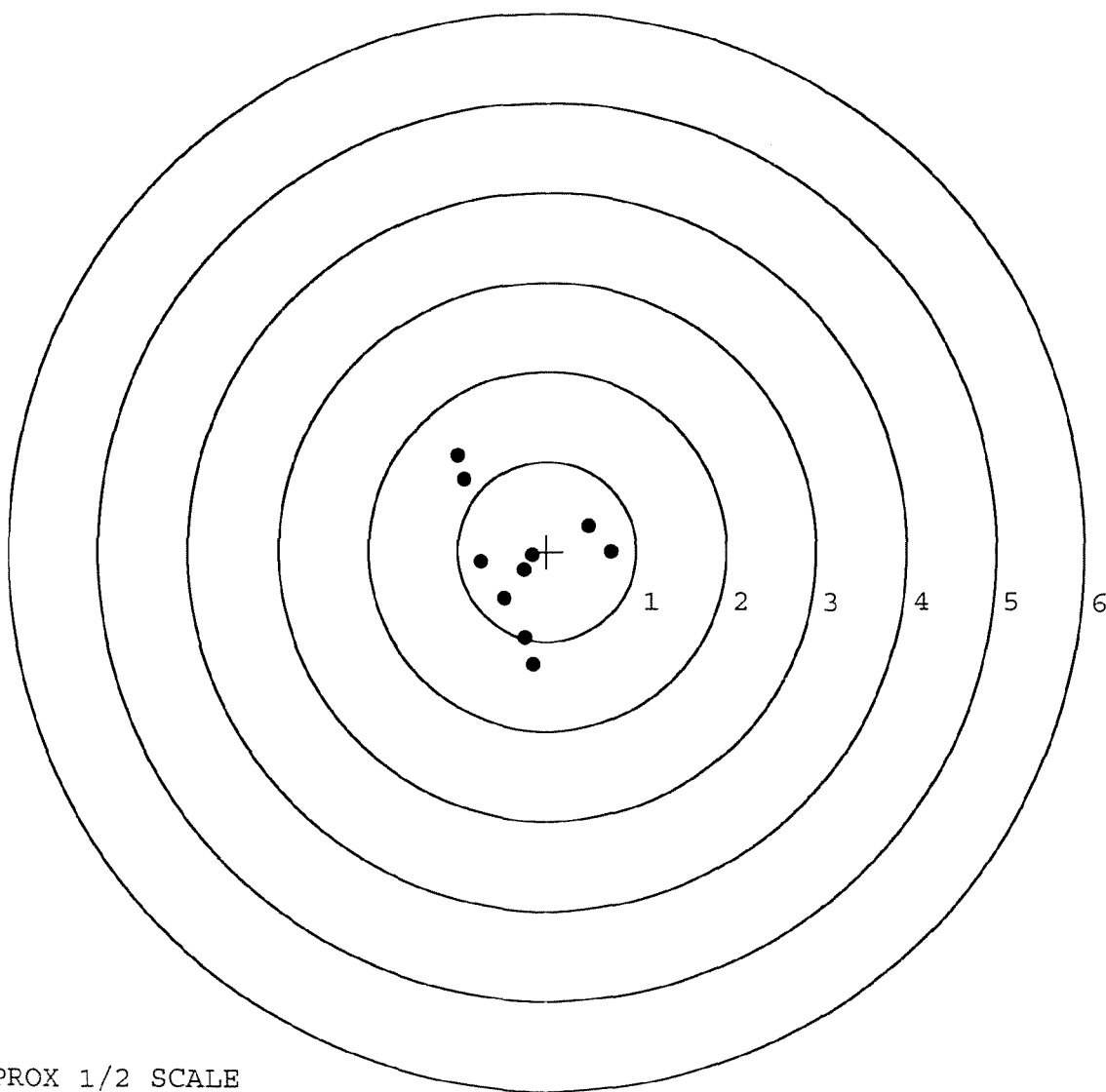


TARGET APPROX 1/2 SCALE

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

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

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	2.42 2.26 2.26 2.31 2.25	5-15-07 TRW
680	F) SAFETY ON FORCE	9.5 9.5 9.15	5-15-07 TRW
	G) SAFETY OFF FORCE	2.25 2.25 2.25	5-15-07 TRW
	I) FIRING PIN INDENT	.021 .020 ⁵ .021 ⁵	5-15-07 TRW
690	PACK		5-16-07 DPA

GG414347 (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

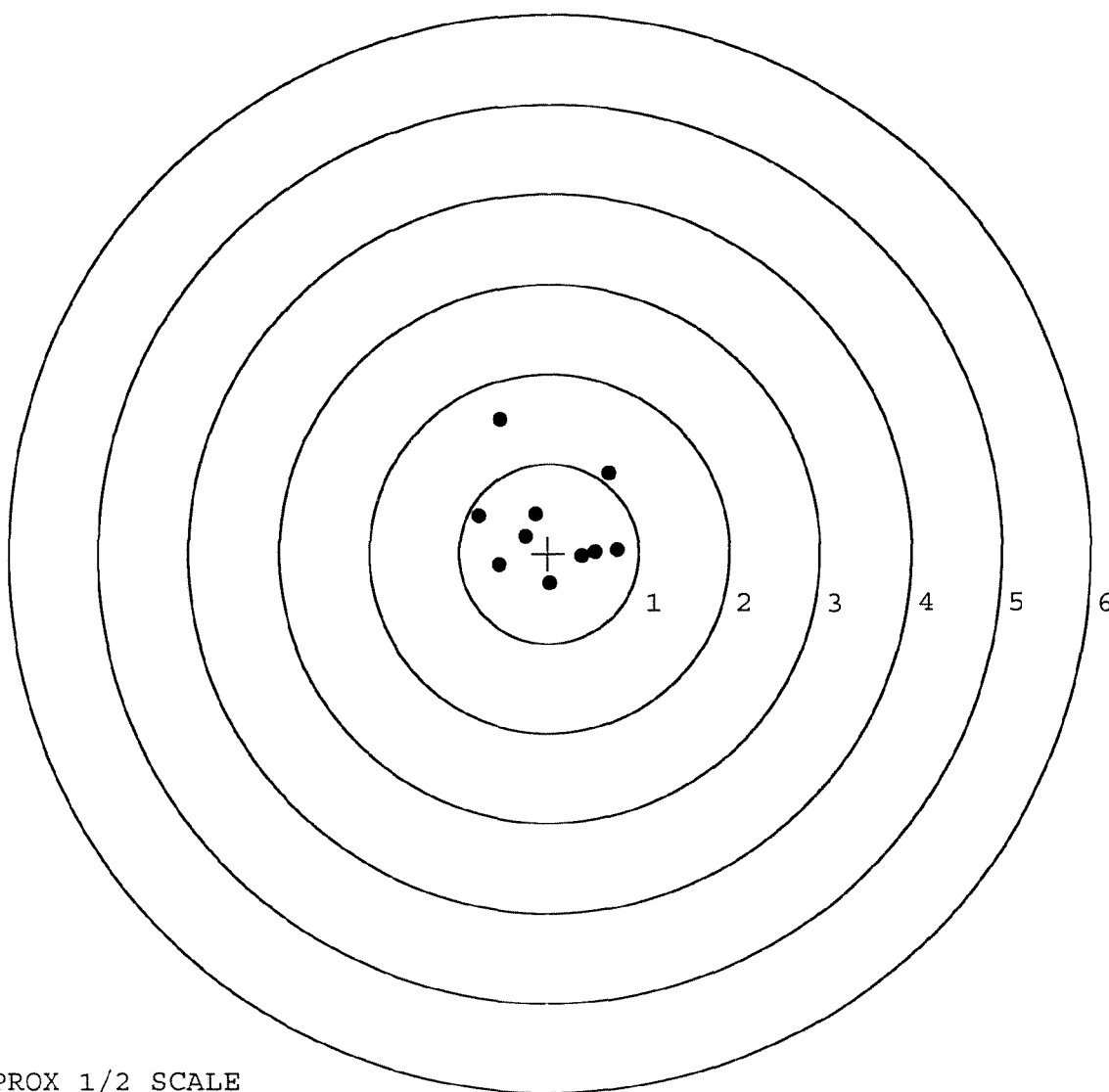
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

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

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

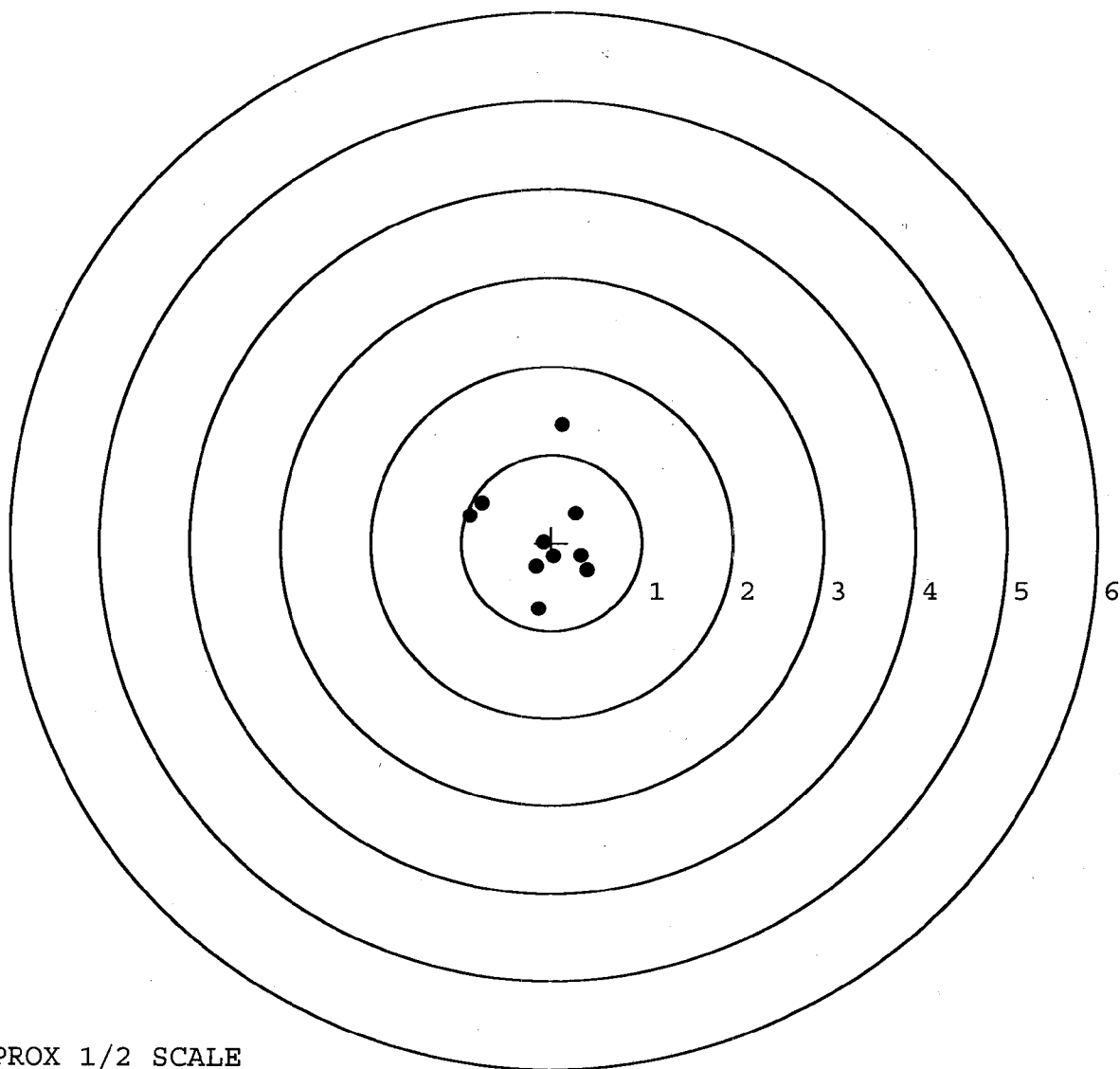
MAX RADIUS: 1.273

MEAN RADIUS: 0.598

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

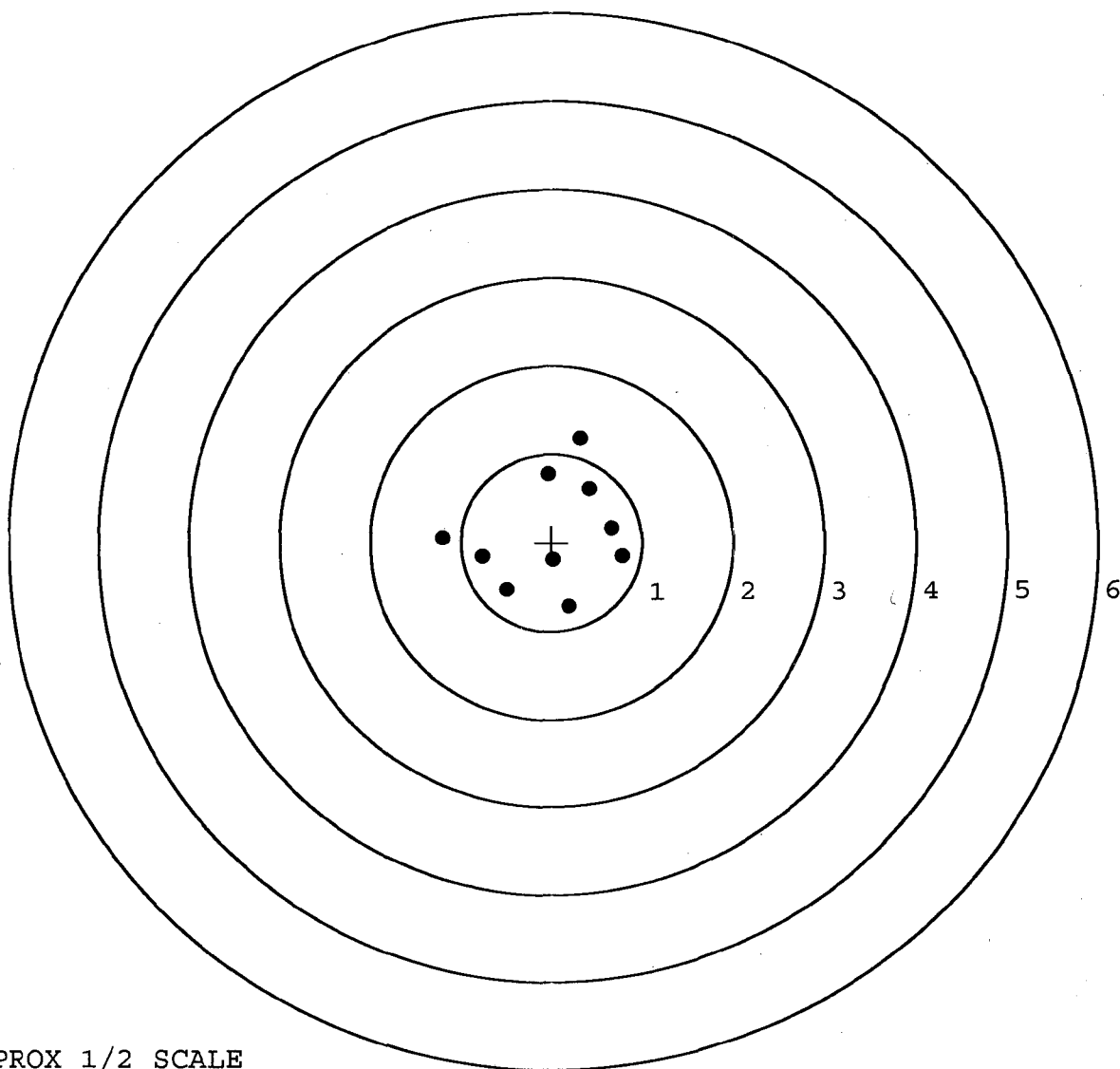


TARGET APPROX 1/2 SCALE

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

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

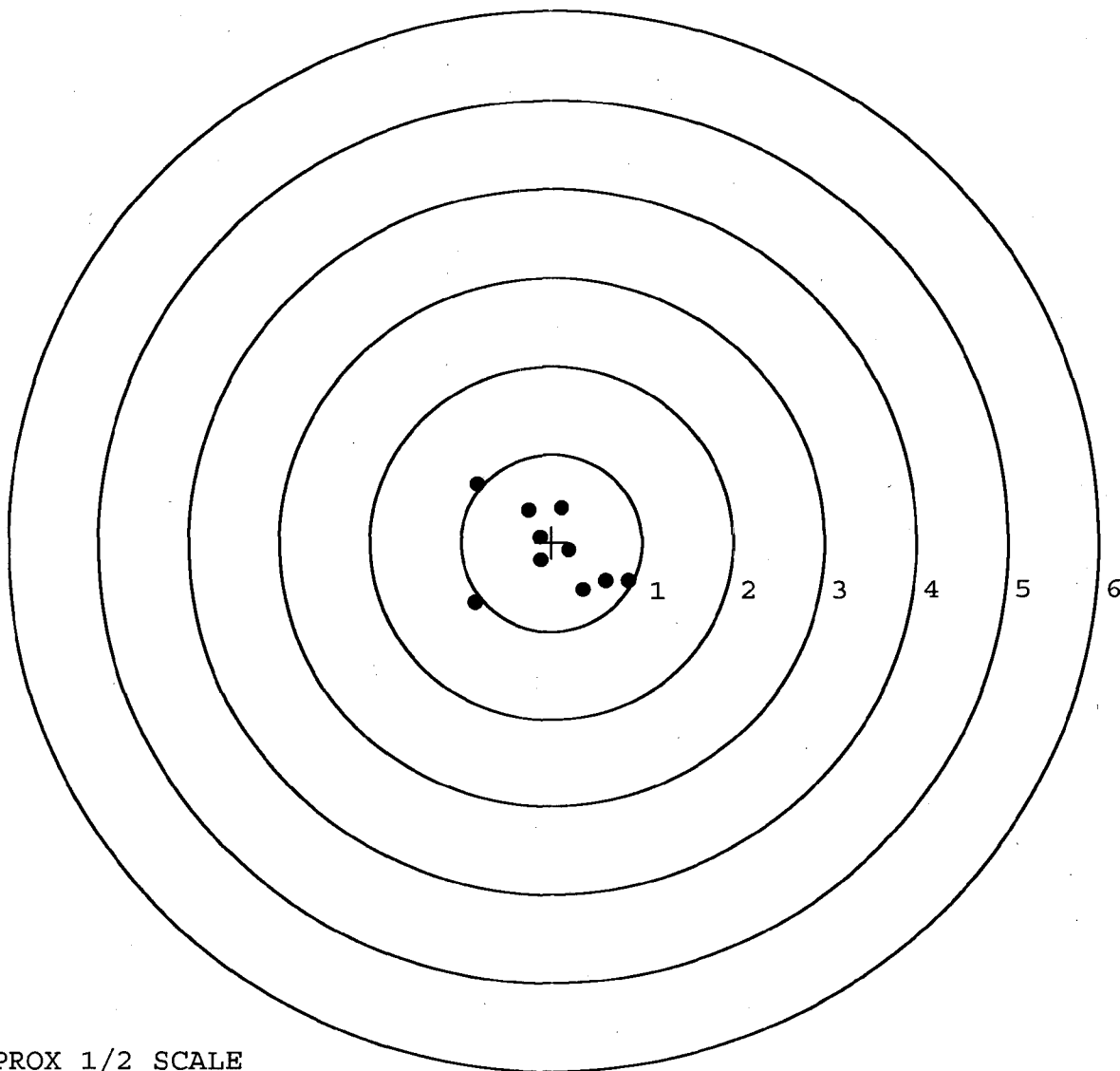
MEAN RADIUS: 0.591

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

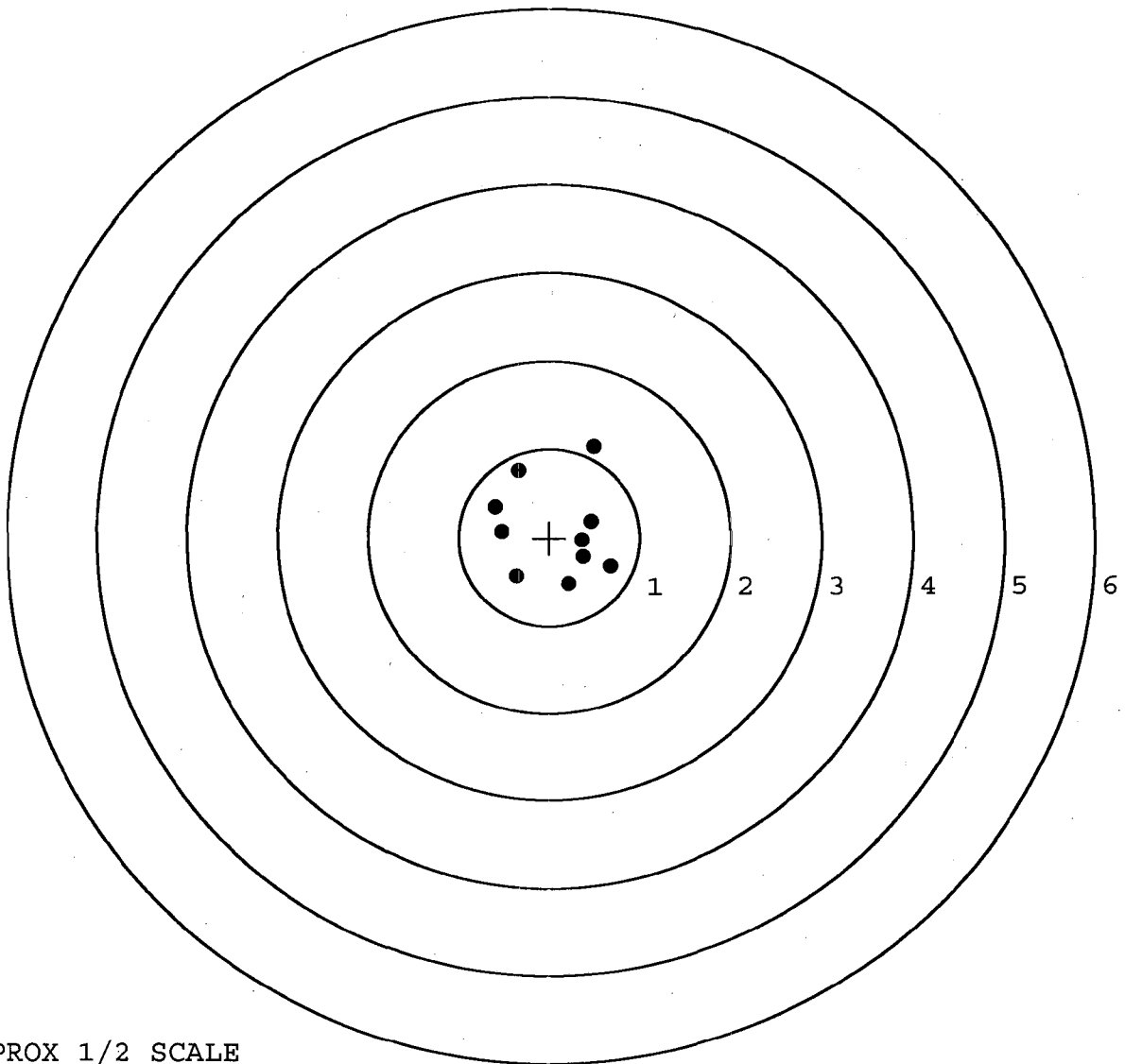


TARGET APPROX 1/2 SCALE

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

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

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>	5-8-06	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

Repair Inquiry

Repair Number: RE00054289

Verify Repair

Serial: C6225471 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS)

Status: Closed 10/21/2002 1:15:39 PM

Address Information

Customer: SUPPLY SERVICES DIVISION

Received From: SUPPLY SERVICES DIVISION

Address 1: WHSE 224

Address 2: PO Box:

City: FORT BENNING

State: GA Zip Code: 31905 Country: US

Return To: SUPPLY SERVICES DIVISION

WHSE 224

PO Box:

FORT BENNING

State: GA Zip Code: 31905 Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Received Condition

Accessories Received

Phone:

Fax:

Email:

Comments:

Condition: Poor

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

CSR Notes:

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

negleij

10/21/2002

2:33 PM

CAPS

NUM

INS

SCPL

start

3 Mic...

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

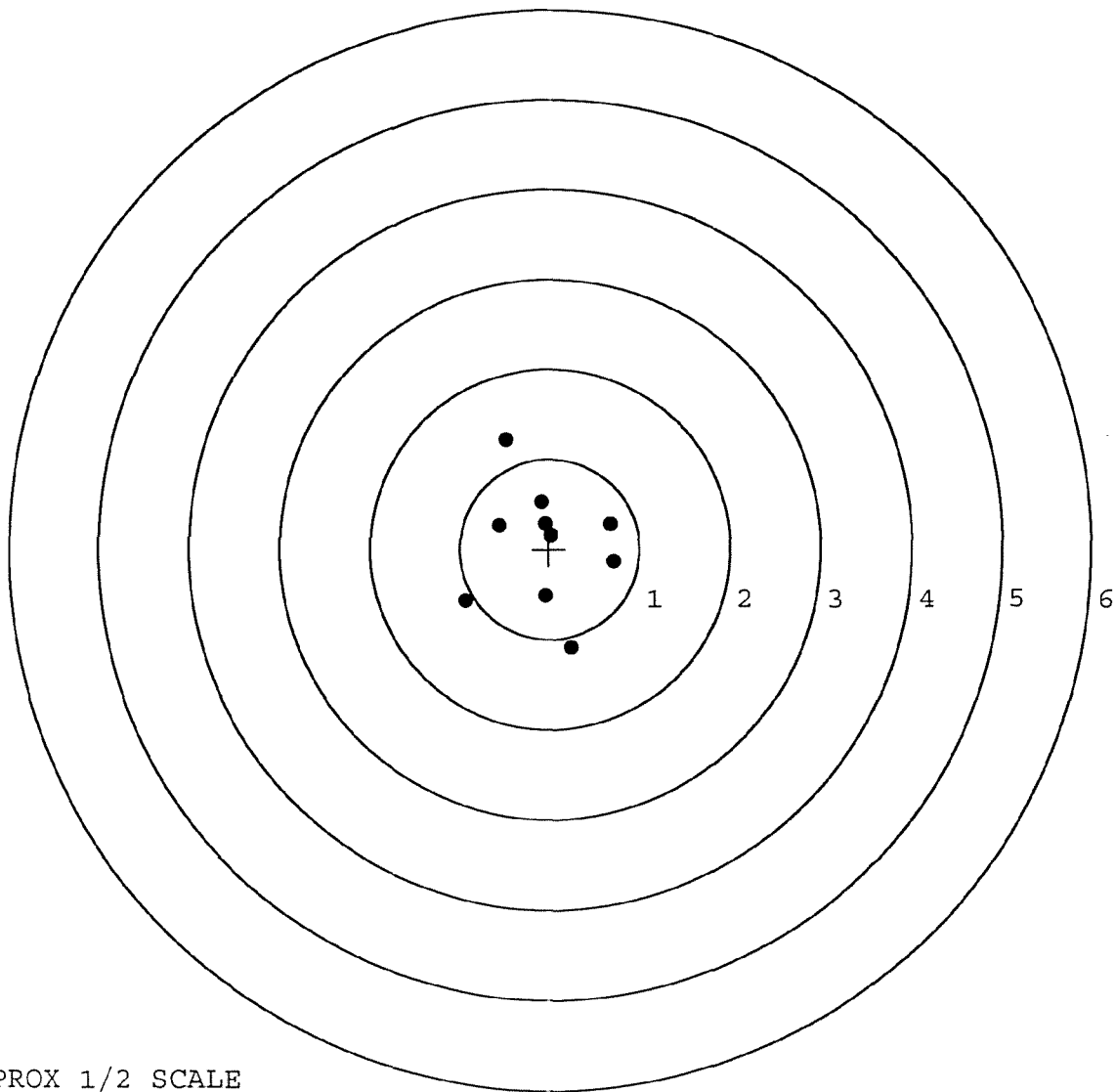
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

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

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

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

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



TARGET APPROX 1/2 SCALE

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

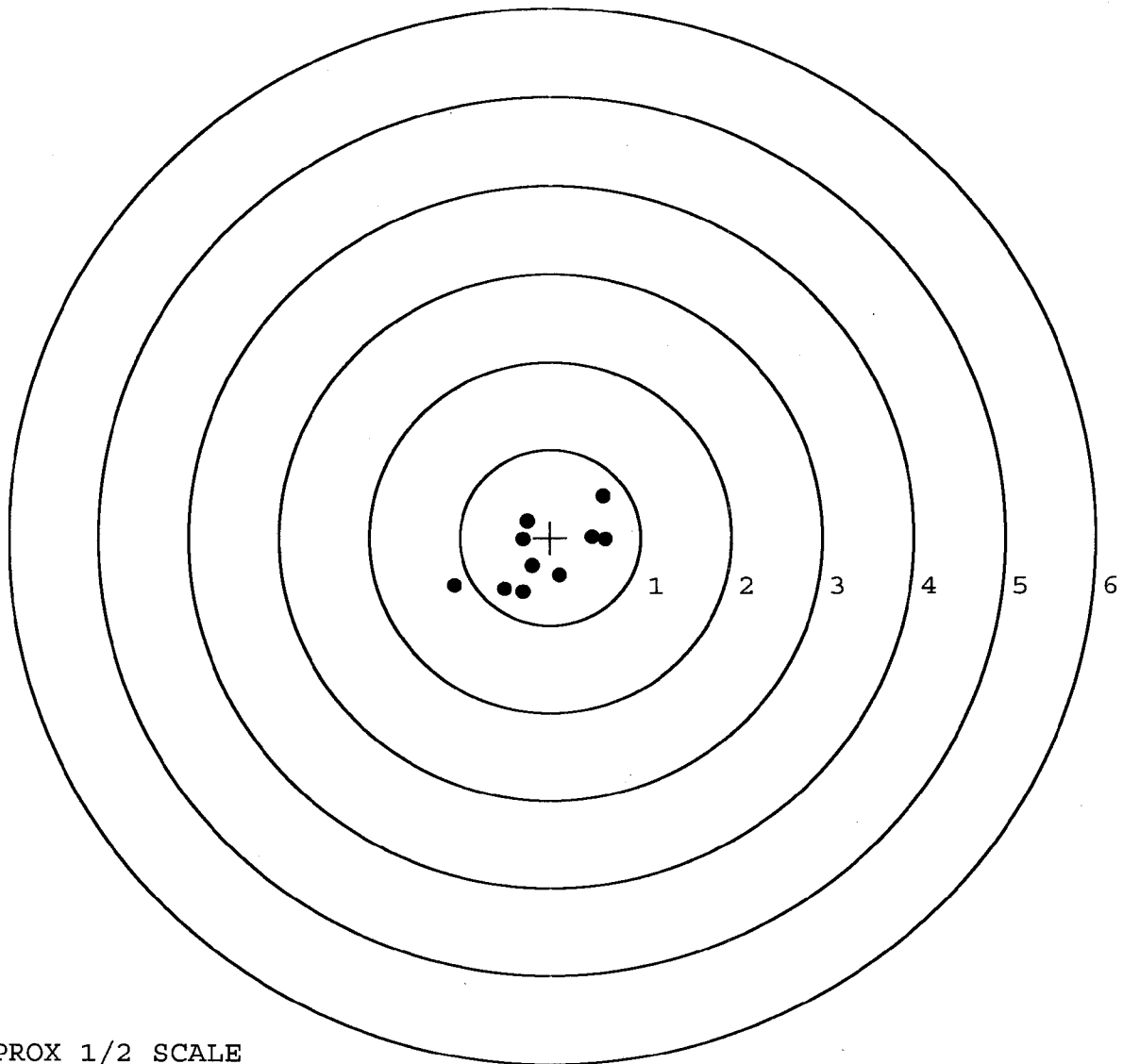
MEAN RADIUS: 0.551

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

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

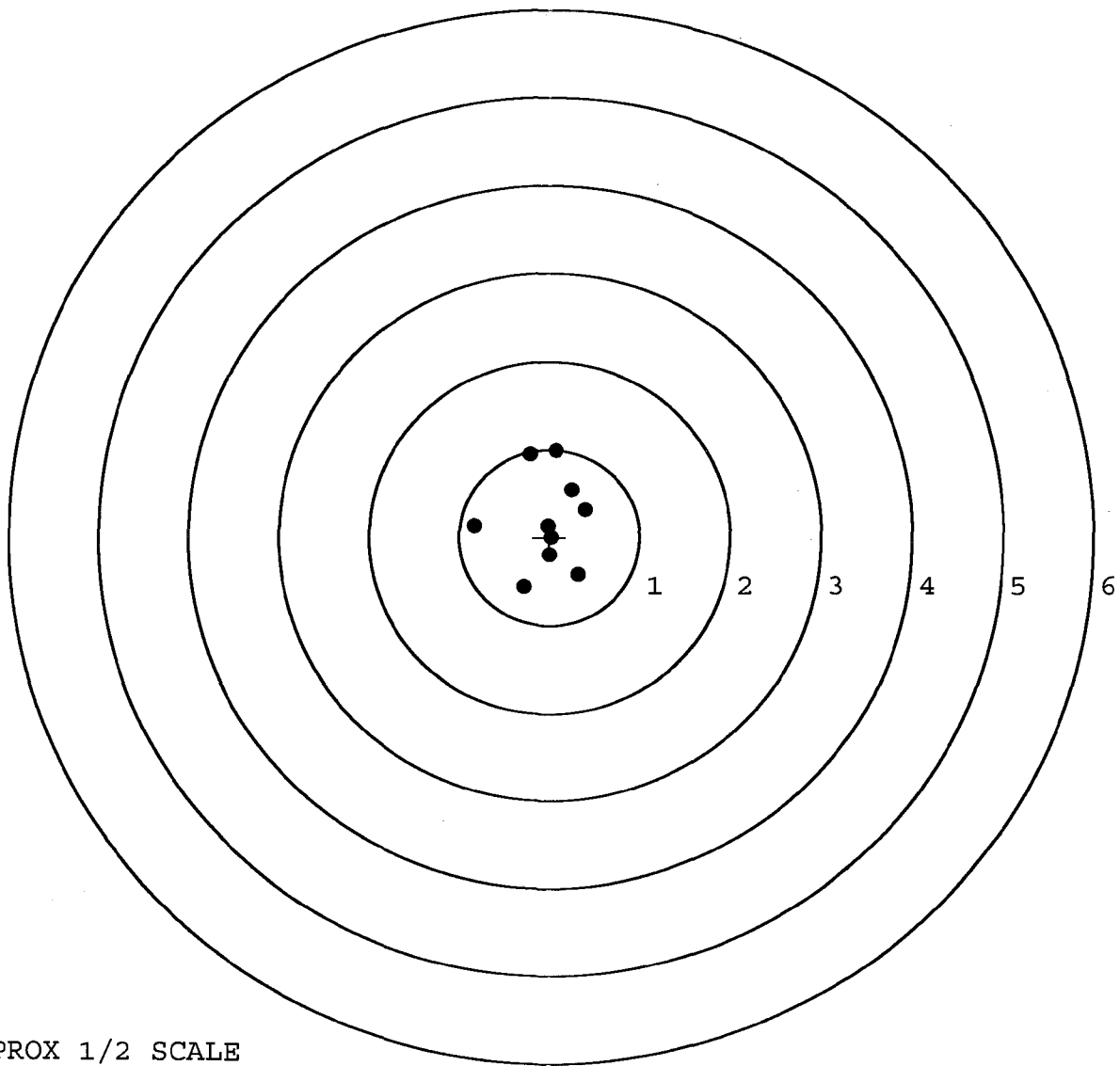
MEAN RADIUS: 0.545

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

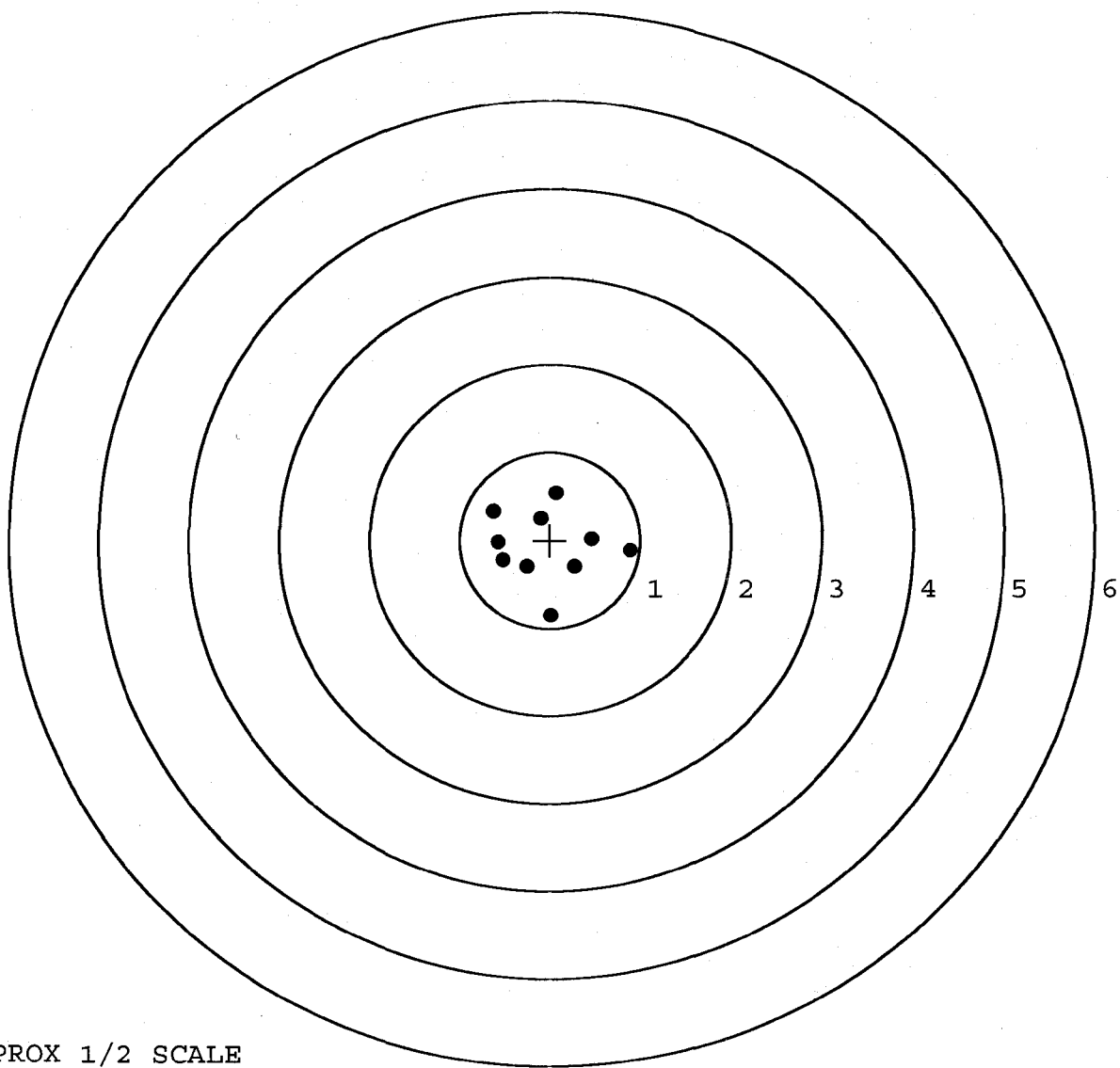


TARGET APPROX 1/2 SCALE

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

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

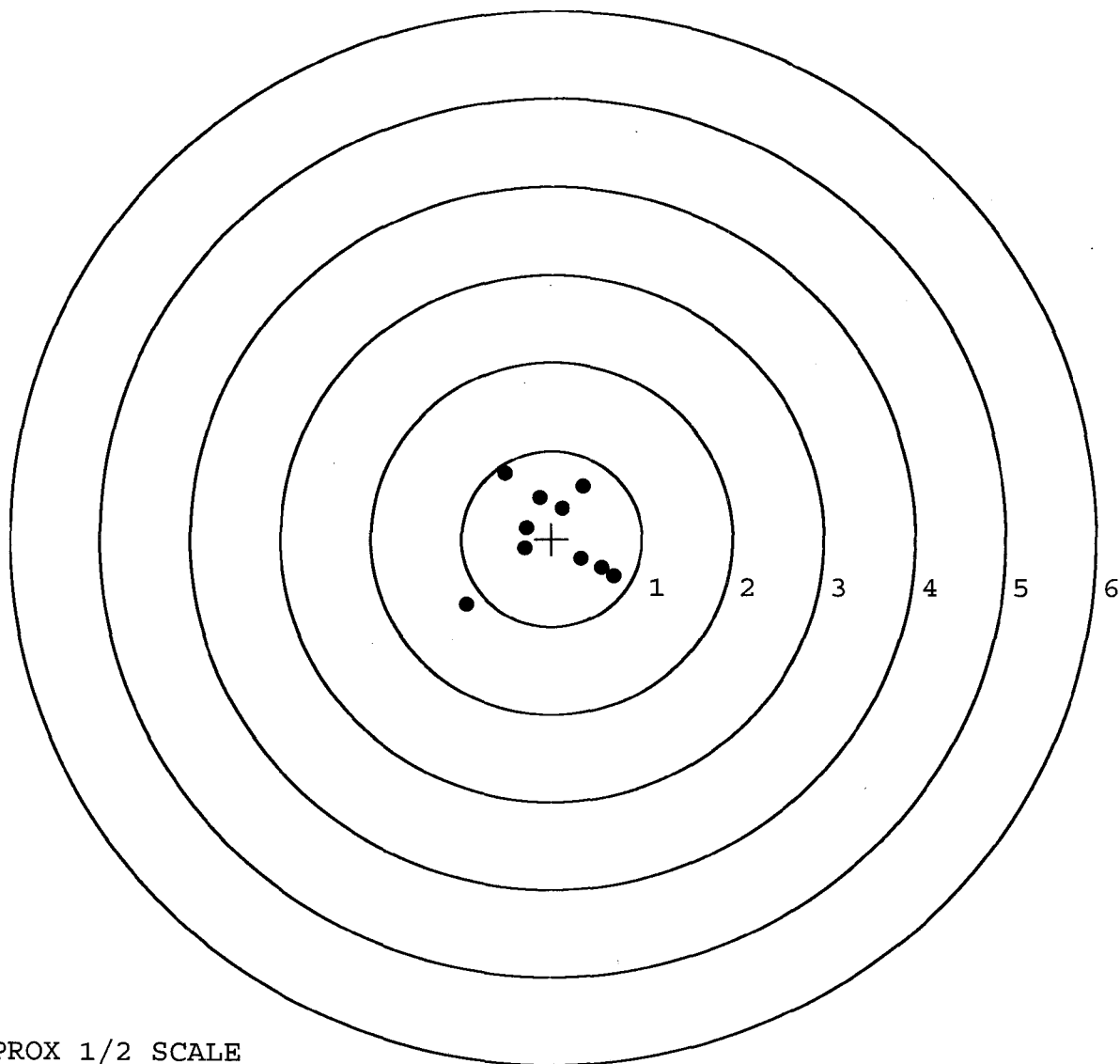
MEAN RADIUS: 0.610

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#

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

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		

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 99-20520

INITIAL CUSTOMER ORDER NO.

SWS

M/24

W/SCOPE

Scope S/N 89-1359

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

10/18/99

10/20/99

C6225471

700 7.62

NATO

ACCESSORIES

W/STUDS

W/SWIVELS

HARD CASE

SCOPE BASE

FROM:

SHIP TO:

U S ARMY

CO D 2/29 INF REGT

BLDG 73

FT BENNING

GA 31905

U S ARMY

CO D 2/29 INF REGT

BLDG 73

FT BENNING

GA

31905

CUST NO: 187354 C.O.D.

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

GUN CONDITION

- ☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

CYCLE

A1

B1

TRIGGER GROUP

B2

BOLT ASSY.

B3

BARREL ASSY.

B4

REC. ASSY.

B5

WOOD

C1

METAL

C2

MAIN FAULT

PARTS

COMMENTS

BBL 96003
BOLT ASSY 96005
STOCK 96018
Scope Ring Assy (2) 96082
Extractor 91816

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400150727

Remington Test Lab, Ilion, N.Y.

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

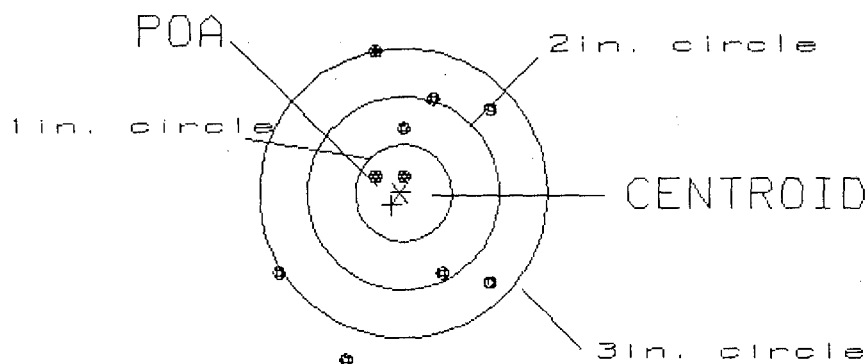
PATTERN #: 1

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

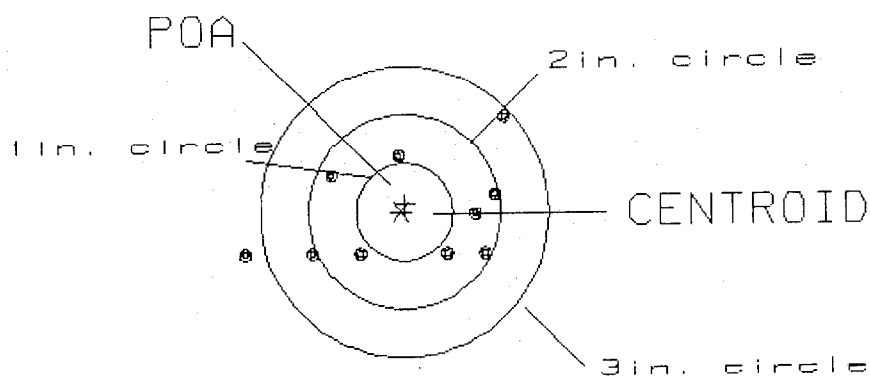
8

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

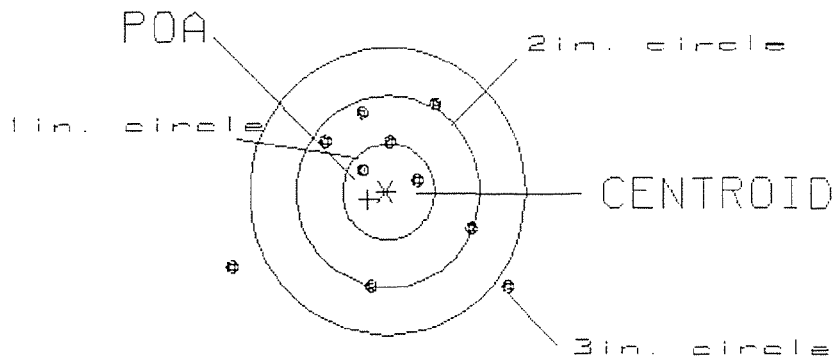
9

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

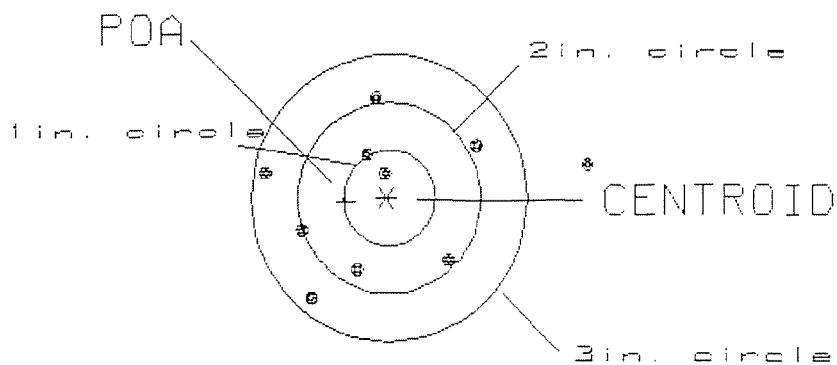
2
 7
 8

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

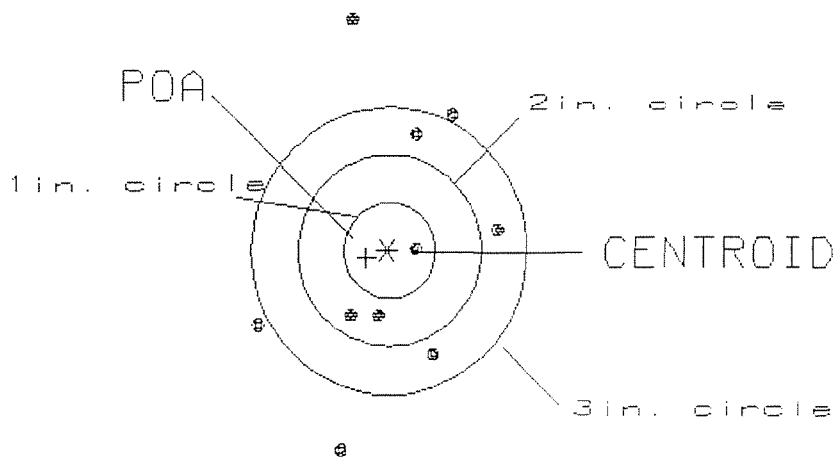
PATTERN #: 5

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
 US= 4.51
 GS= 4.52

1
 3
 6

21 DAY TURN - AROUND

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
REG. U.S. PAT. & TM. OFF.

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

MODEL 700™ H24

SERIAL NO.
C6225471

ORDER NO.
5716

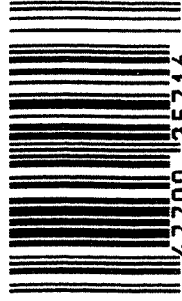
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

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. #	OP. NAME	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

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. 6225471

DATE 3-28-90

TESTER 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

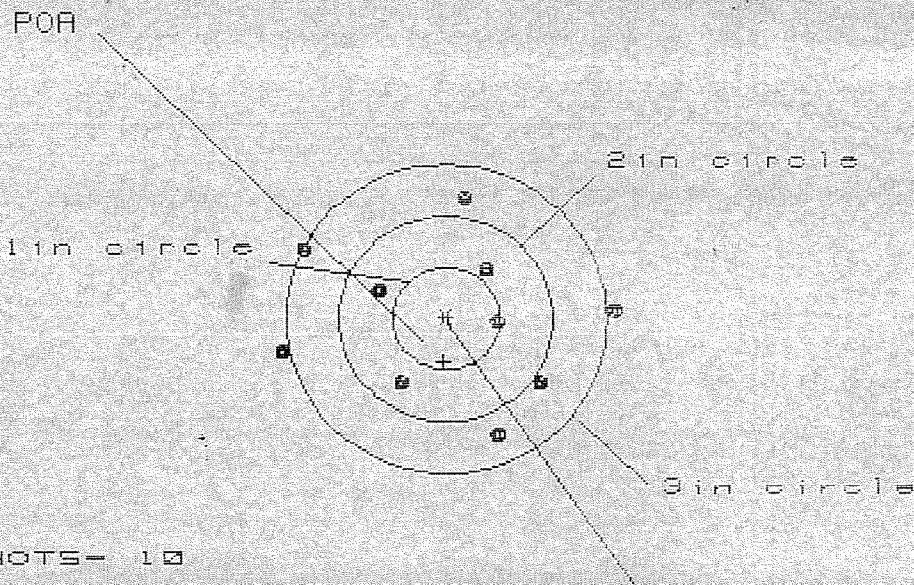
4 1
5 3 (----POA

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

1in = 0

2in = 4

3in = 8

HS= 3.113

VS= 2.291

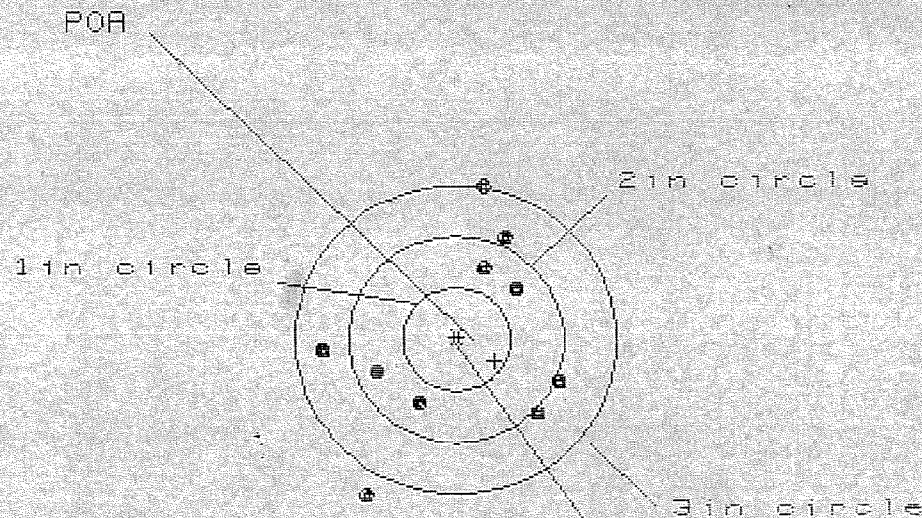
GS= 3.133

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

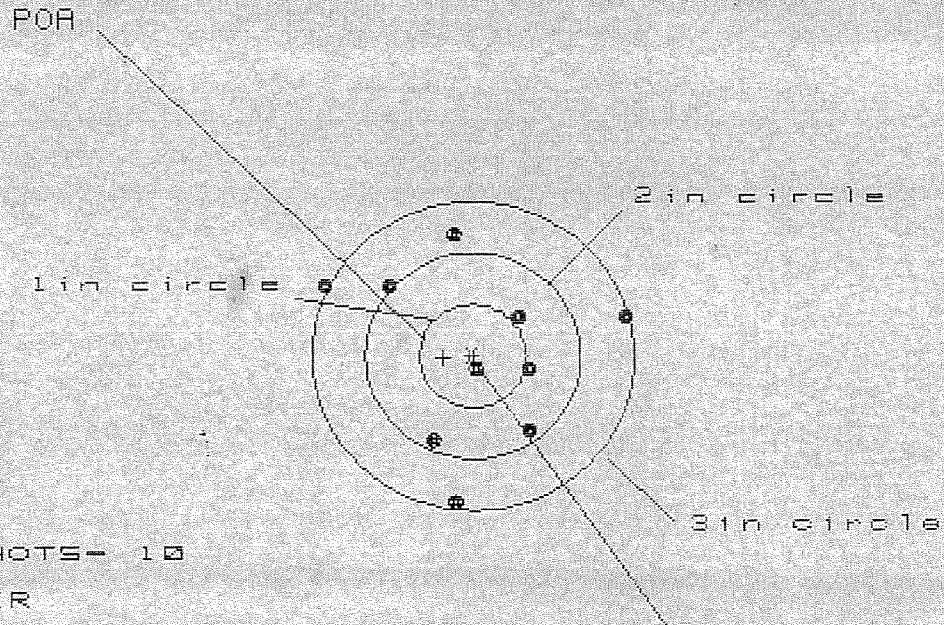
CENTROID #

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

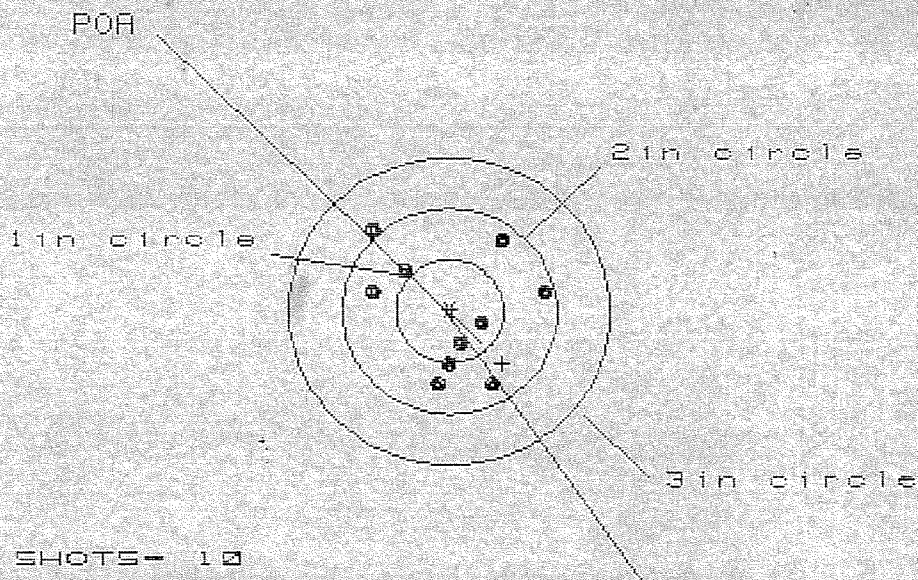
GS= 2.841

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.407	1.249	.559
MINIMUM X	:	-1.420	-.982	-.825
MAXIMUM Y	:	1.180	1.252	1.306
MINIMUM Y	:	-1.408	-1.336	-1.282
CENTROID X	:	.275	.433	.276
CENTROID Y	:	.018	-.054	-.108
POA TO CENTROID in.	:	.275	.436	.297
MIN RADIUS	:	.156	.133	.052
MEAN RADIUS	:	.985	.893	.836
MAX RADIUS	:	1.559	1.372	1.315
HORIZONTAL SPREAD	:	2.827	2.231	1.384
VERTICAL SPREAD	:	2.588	2.588	2.588
EXTREME SPREAD	:	2.841	2.588	2.588
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/CG225471

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 3

2in = 9

3in = 10

HS= 1.510

VS= 1.562

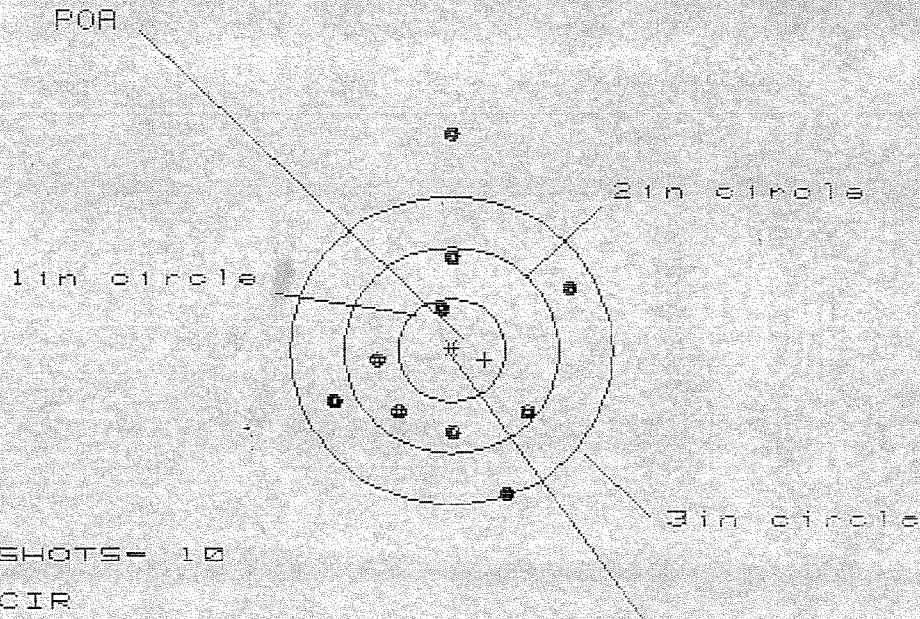
GS= 1.891

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

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