

E 6413520
Replace
C-6702845-

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6413520.___0
FILE DATE AND TIME: 04/05/2007 14:39

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

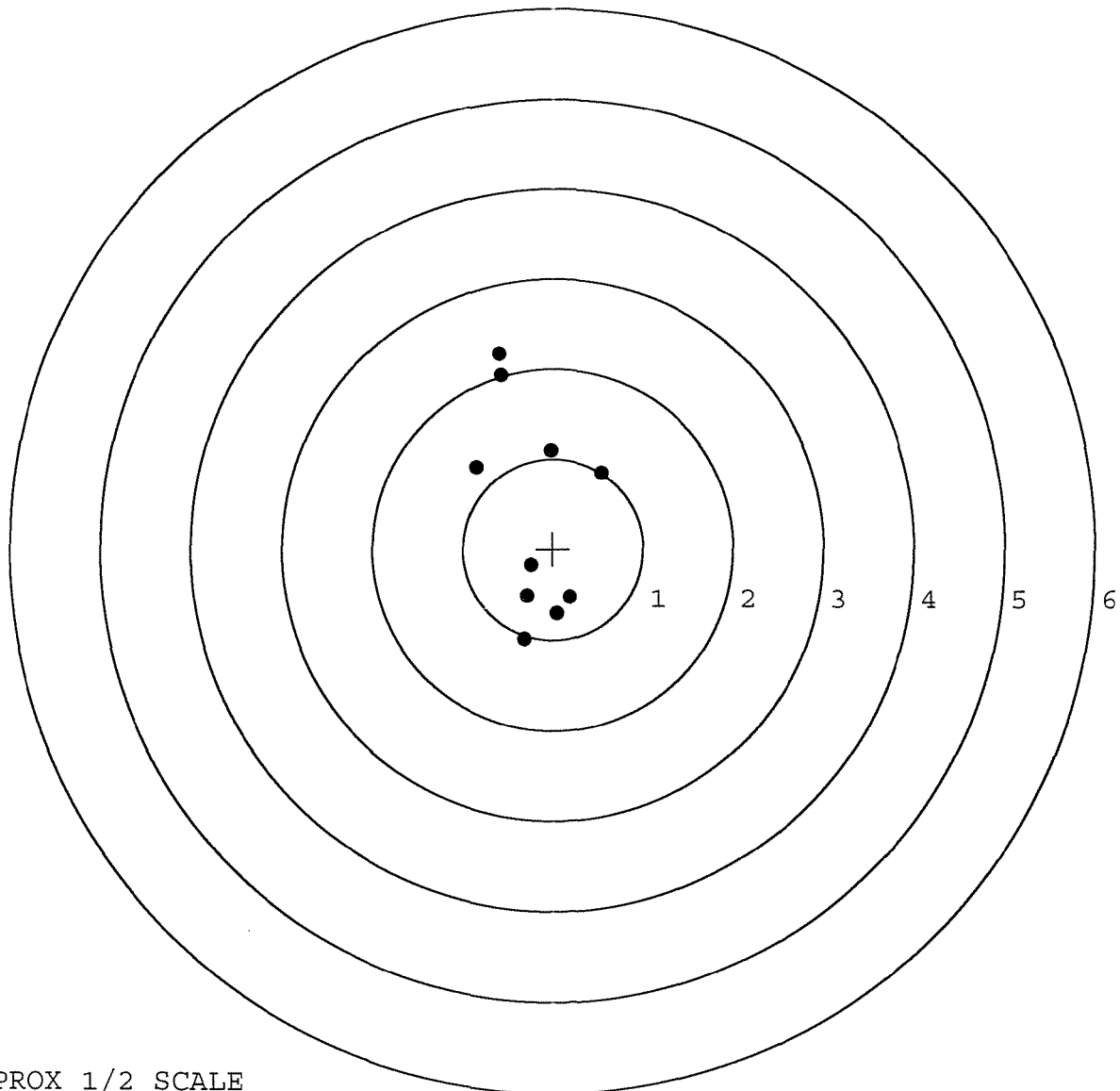
The Average X Centroid of the Five Target Set:	-0.061
The Average Y Centroid of the Five Target Set:	0.114
The Average Point of Impact of the Five Target Set:	0.129
The Average Mean Radius of the Five Target Set:	0.838
The Distance from POA to Centroid Target #1:	0.451
The Distance from Centroid Target #2 to Centroid Target #1:	0.275
The Distance from Centroid Target #3 to Centroid Target #1:	0.415
The Distance from Centroid Target #4 to Centroid Target #1:	0.493
The Distance from Centroid Target #5 to Centroid Target #1:	0.446

BARBER - M24 0120330

SERIAL NUMBER: E6413520. __0
 TARGET NUMBER: 1
 FILE DATE: 04/05/2007
 FILE TIME: 14:39

POINT#	X	Y
1:	-0.321	-0.996
2:	0.044	-0.717
3:	0.189	-0.537
4:	-0.287	-0.523
5:	-0.241	-0.186
6:	-0.851	0.911
7:	-0.023	1.091
8:	0.546	0.841
9:	-0.578	1.930
10:	-0.598	2.167

X CENTROID: -0.212
 Y CENTROID: 0.398
 POA TO CENTROID: 0.451
 HORZ SPREAD: 1.397
 VERT SPREAD: 3.163
 GROUP SPREAD: 3.175
 MIN RADIUS: 0.585
 MAX RADIUS: 1.811
 MEAN RADIUS: 1.087
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 8



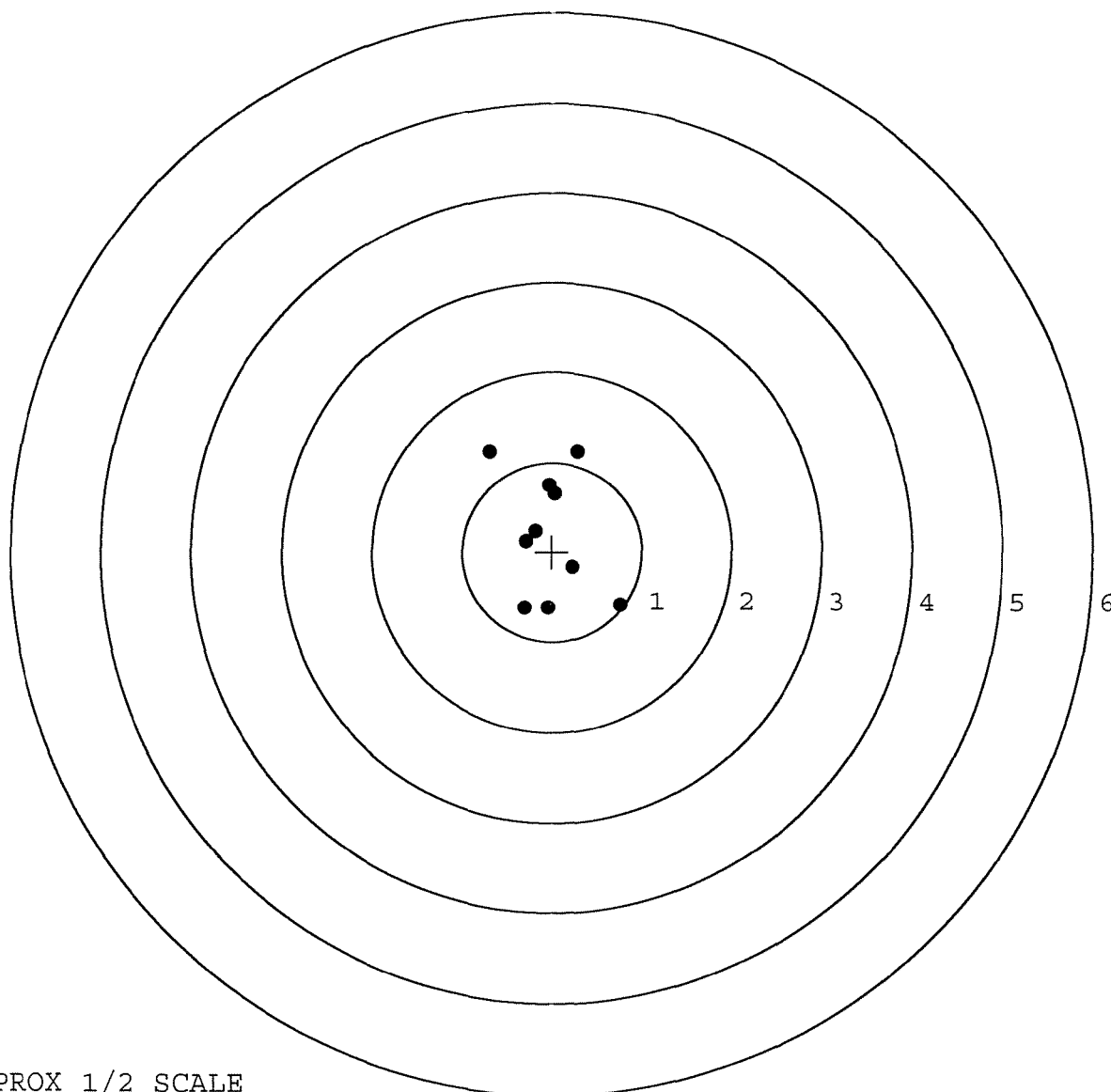
TARGET APPROX 1/2 SCALE

BARBER - M24 0120331

SERIAL NUMBER: E6413520. __0
TARGET NUMBER: 2
FILE DATE: 04/05/2007
FILE TIME: 14:39

X CENTROID: -0.026
Y CENTROID: 0.196
POA TO CENTROID: 0.197
HORZ SPREAD: 1.457
VERT SPREAD: 1.756
GROUP SPREAD: 2.254
MIN RADIUS: 0.167
MAX RADIUS: 1.146
MEAN RADIUS: 0.684
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.762	-0.594
2:	-0.048	-0.630
3:	-0.308	-0.628
4:	0.232	-0.174
5:	-0.295	0.117
6:	-0.190	0.227
7:	0.029	0.649
8:	-0.034	0.743
9:	0.289	1.122
10:	-0.695	1.126



TARGET APPROX 1/2 SCALE

BARBER - M24 0120332

SERIAL NUMBER: E6413520. __0

TARGET NUMBER: 3

FILE DATE: 04/05/2007

FILE TIME: 14:39

X CENTROID: -0.098

Y CENTROID: -0.001

POA TO CENTROID: 0.098

HORZ SPREAD: 2.950

VERT SPREAD: 2.028

GROUP SPREAD: 2.980

MIN RADIUS: 0.188

MAX RADIUS: 1.520

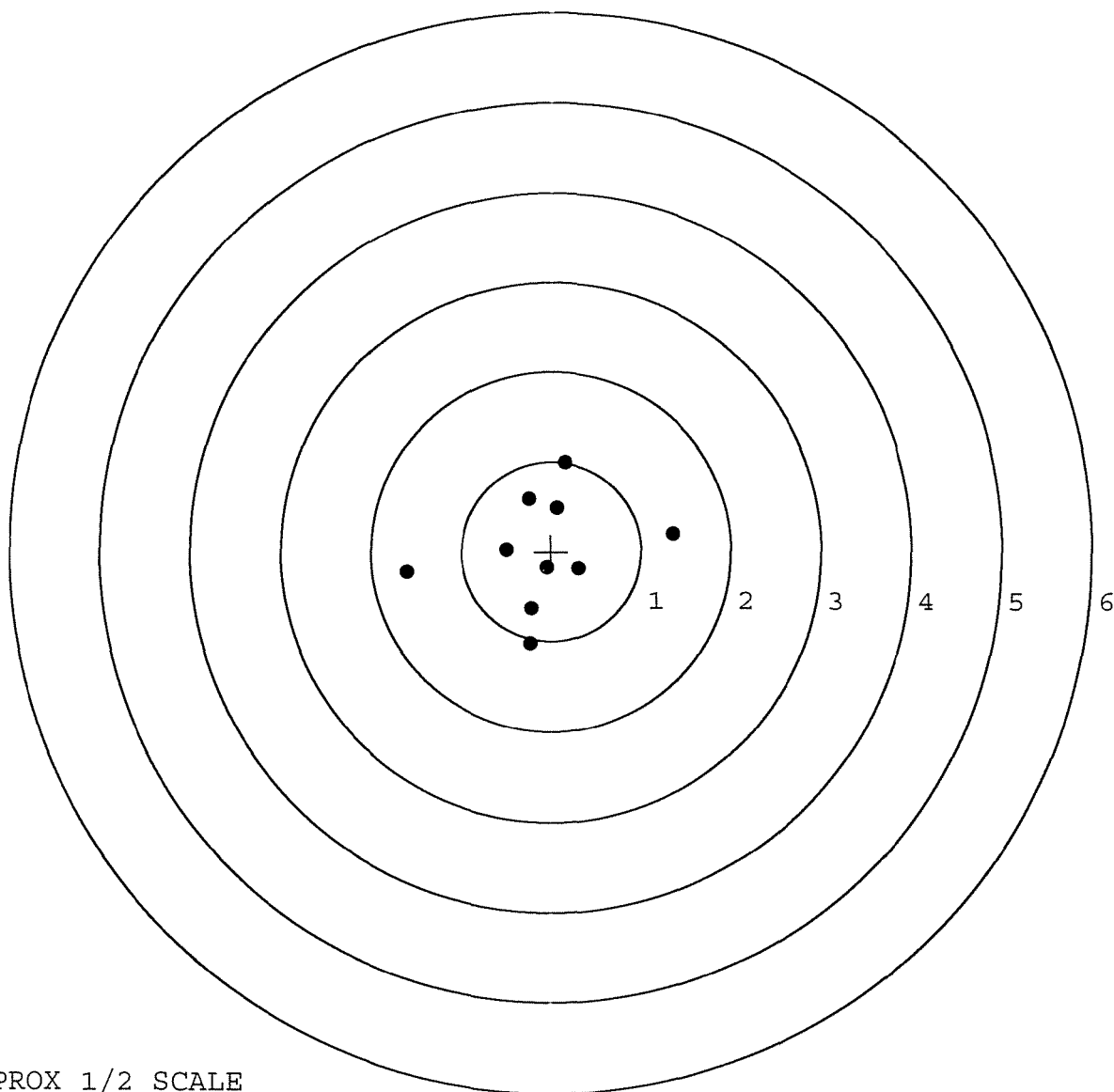
MEAN RADIUS: 0.787

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.349	0.194
2:	-0.235	-1.038
3:	-0.222	-0.645
4:	0.311	-0.192
5:	-0.051	-0.183
6:	-0.504	0.023
7:	-1.601	-0.231
8:	-0.251	0.585
9:	0.061	0.485
10:	0.160	0.990



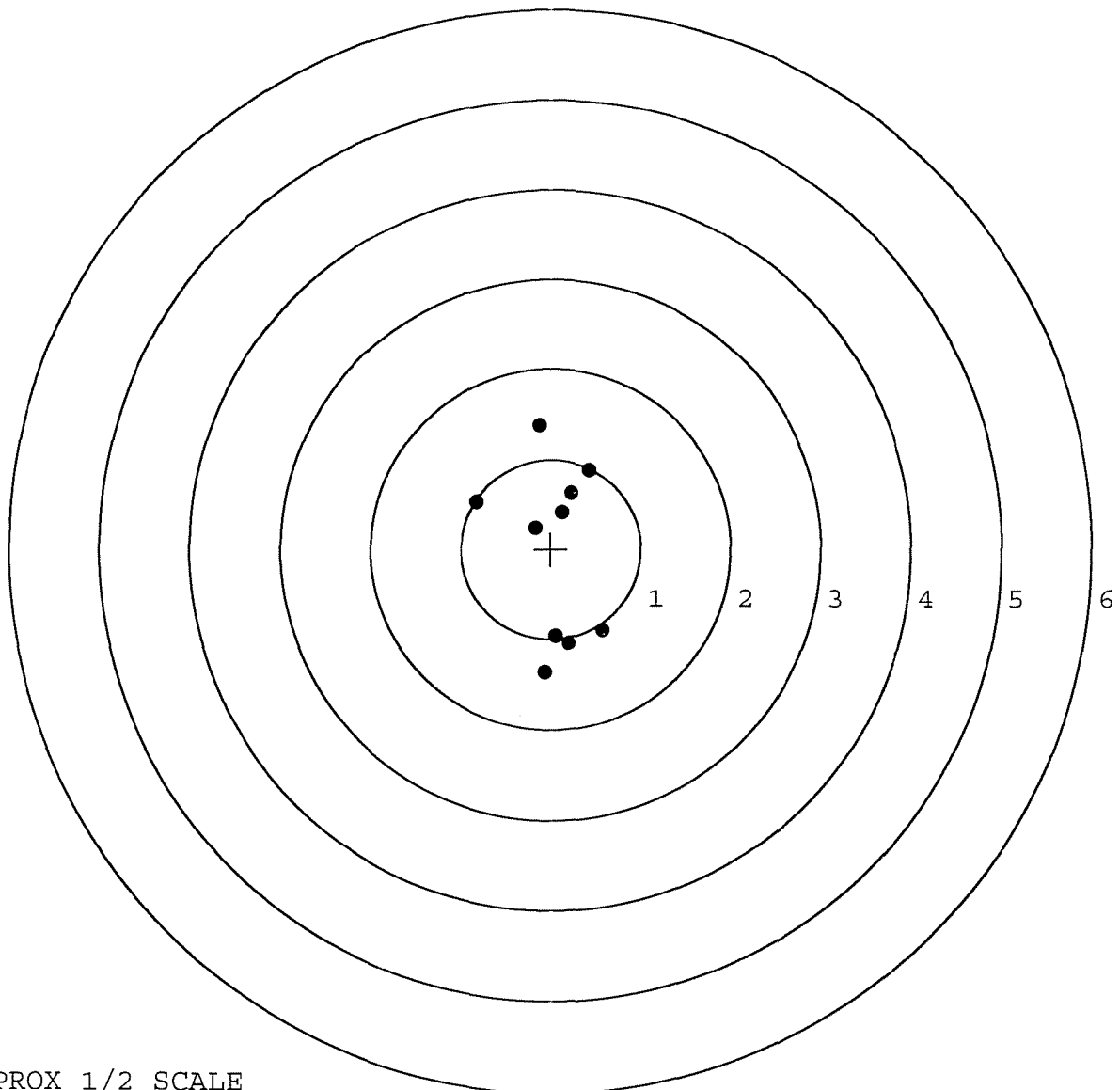
TARGET APPROX 1/2 SCALE

BARBER - M24 0120333

SERIAL NUMBER: E6413520. __0
TARGET NUMBER: 4
FILE DATE: 04/05/2007
FILE TIME: 14:39

X CENTROID: 0.040
Y CENTROID: -0.026
POA TO CENTROID: 0.048
HORZ SPREAD: 1.409
VERT SPREAD: 2.752
GROUP SPREAD: 2.753
MIN RADIUS: 0.343
MAX RADIUS: 1.411
MEAN RADIUS: 0.928
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.576	-0.911
2:	0.199	-1.056
3:	0.051	-0.977
4:	-0.072	-1.377
5:	-0.128	1.375
6:	-0.833	0.531
7:	0.431	0.885
8:	0.231	0.622
9:	0.125	0.410
10:	-0.178	0.238



TARGET APPROX 1/2 SCALE

BARBER - M24 0120334

SERIAL NUMBER: E6413520. __0

TARGET NUMBER: 5

FILE DATE: 04/05/2007

FILE TIME: 14:39

X CENTROID: -0.007

Y CENTROID: 0.002

POA TO CENTROID: 0.007

HORZ SPREAD: 0.993

VERT SPREAD: 2.007

GROUP SPREAD: 2.016

MIN RADIUS: 0.322

MAX RADIUS: 1.187

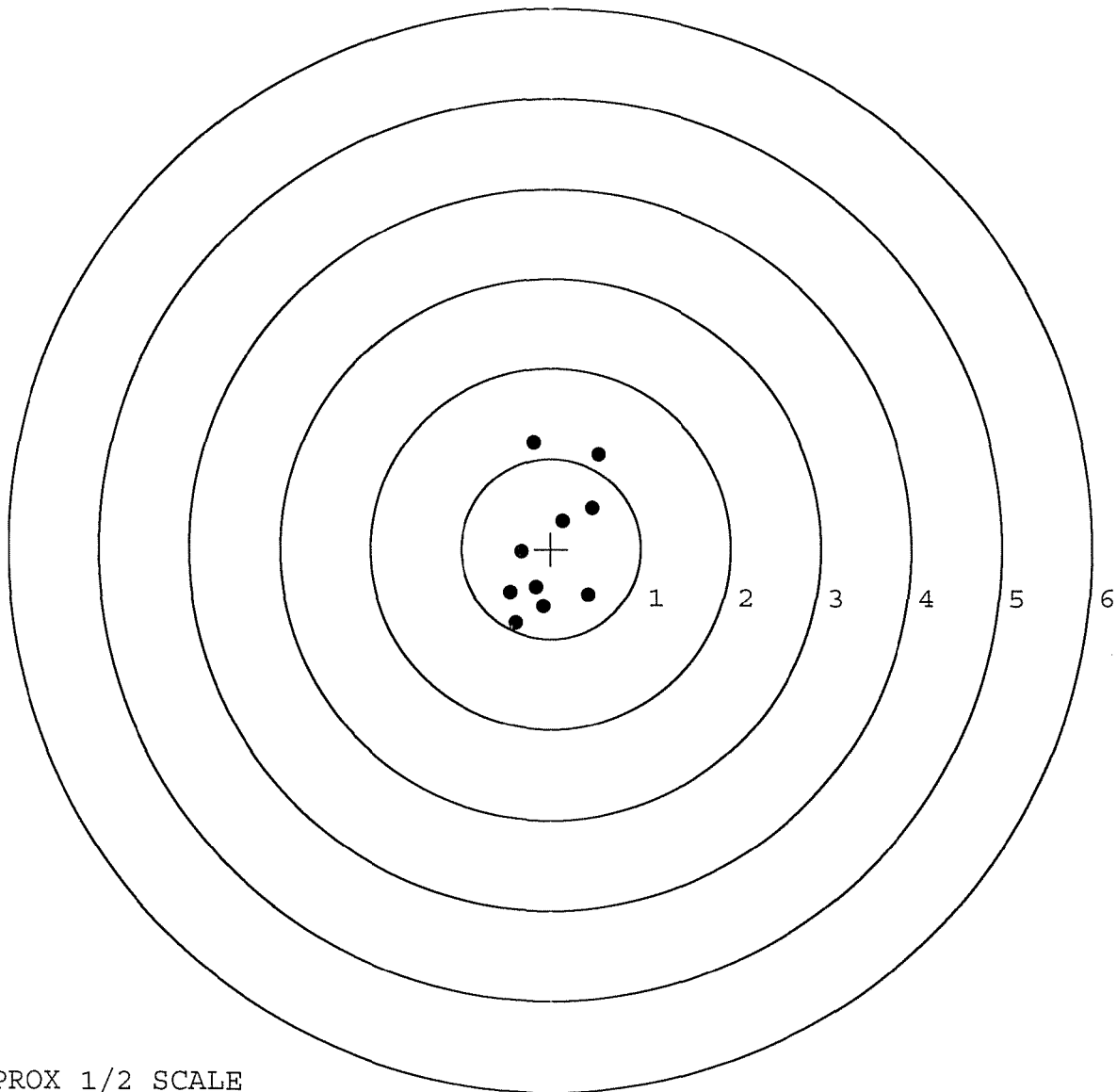
MEAN RADIUS: 0.703

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.419	-0.515
2:	0.462	0.447
3:	0.129	0.309
4:	-0.082	-0.643
5:	-0.171	-0.430
6:	-0.388	-0.833
7:	-0.454	-0.493
8:	-0.327	-0.034
9:	0.539	1.041
10:	-0.195	1.174



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	126626			
SERIAL NUMBER	E643520			
LOG-IN DATE	3-14-07			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		3-20-07	RTZ
505	RE-BARREL		3-22-07	RTZ
560	ASSEMBLE		3-23-07	RTZ
600	PROOF		3-23-07	TRW
605	CHECK HEADSPACE	INSPECTED	3-23-07	TRW
610	DIS-ASSEMBLE GUN	MAR 26 2007	3-23-07	RTZ
612	MAGNAFLUX	OPERATOR <u>CPD</u>	3-26-07	APD
510	DRILL AND TAP		3-23-07	TRW
615	ROLLMARK CALIBER		3-26-07	CW
618	ROTO-BLAST		3-26-07	UB
620	APPLY COATINGS		3-29-07	WJ
625	FINAL ASSEMBLY		4-4-07	RTZ
640	FUNCTION TEST AND	PASS FAIL	4-5-07	TRW
650	TARGET	PASS FAIL	4-5-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	4-5-07	Fm
670	FINAL INSPECTION		4-10-07	mon
	A) HEADSPACE	PASS FAIL	4-10-07	mon
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.83 2.83 2.84 2.88 2.93 4-10-07	TRW
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	7.5 7.5 8.0 4-10-07	TRW
	G) SAFETY OFF FORCE	2 LBS MIN	2.0 2.25 2.25 4-10-07	TRW
	I) FIRING PIN INDENT	.020	.024 .0235 .0235 4-10-07	TRW
690	PACK		4-21-07	DA

BARBER - M24 0120336

Arm 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: **RE00096840** Serial: **E6413520** Model: **M24 SWS** Center Fire Caliber: **7.62 NATO Less STOCK** Repairman: Status: **Closed 5/10/2005 2:49:19 PM**

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **TRANSPORTATION OFFICER** **TRANSPORTATION OFFICER**

Address 1: **BLDG 5210 DOOR 30** **BLDG 5210 DOOR 30**

Address 2: PO Box: PO Box:

City: **FORT CAMPBELL** **FORT CAMPBELL**

State: **KY** Zip Code: **42223** Country: **US** State: **KY** Zip Code: **42223** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition **Problems** **Estimate** **History / Status** **Shipping / Billing**

Contact Information

Phone: **NA**

Fax:

Email:

Comments:

Received Condition

Condition: **Fair**

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A004	Less Stock	1
A011	Less Follower	1
A012	Less Mag Spring	1
A017	Scope Base	1
A057	Frt and Rear Sgt Base	2

Repair Search **Refresh** **Close**

naqltj 5/10/2005 2:59 PM CAPS NUM INS SCPL

start 3 Micro... 3

Serial Number: **E6413520**

Model: **M24 SWS**



RE00096840

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 ~~0120336~~ 0120375

BARBER - M24 0120337

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

R & E NUMBER	76840		
SERIAL NUMBER	E6413520		
LOG-IN DATE	5-10-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL		
B	DRILL AND TAP		
575	ASSEMBLE		
600	PROOF		
605	CHECK HEADSPACE		
610	DIS-ASSEMBLE GUN		
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		
655	FINAL INSPECT	5-16-05	RPL
660	PACK	5-16-05	DA
Repair Bolt Release			
SHIP DATE			
QAR INSPECTION DATE			

BARBER - M24 0120338

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSF Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00084662** Serial: E6413520 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 9/8/2004 10:02:43 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **TRANSPORTATION OFFICER** **TRANSPORTATION OFFICER**

Address 1: **DOOR 30** **DOOR 30**

Address 2: **BLDG 5210** PO Box: **BLDG 5210** PO Box:

City: **FORT CAMPBELL** **FORT CAMPBELL**

State: **KY** Zip Code: **42223** Country: **US** State: **KY** Zip Code: **42223** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: Fax: Email: Comments:

Received Condition: Fair Condition Notes: CSF Notes:

Accessories Received:

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Bases	3
A042	Adjustable Butt Pad	1

Repair Search Refresh Close

inagle 9/8/2004 10:50 AM CAPS NUM JHS SCPL

start Microsoft... Arm Services 2 2

Serial Number: **E6413520**

Model: **M24 SWS**



RE00084662

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6413520.___0
FILE DATE AND TIME: 08/22/2002 10:47

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:	-0.009
The Average Point of Impact of the Five Target Set:	0.050
The Average Mean Radius of the Five Target Set:	0.680
The Distance from POA to Centroid Target #1:	0.130
The Distance from Centroid Target #2 to Centroid Target #1:	0.150
The Distance from Centroid Target #3 to Centroid Target #1:	0.225
The Distance from Centroid Target #4 to Centroid Target #1:	0.188
The Distance from Centroid Target #5 to Centroid Target #1:	0.309

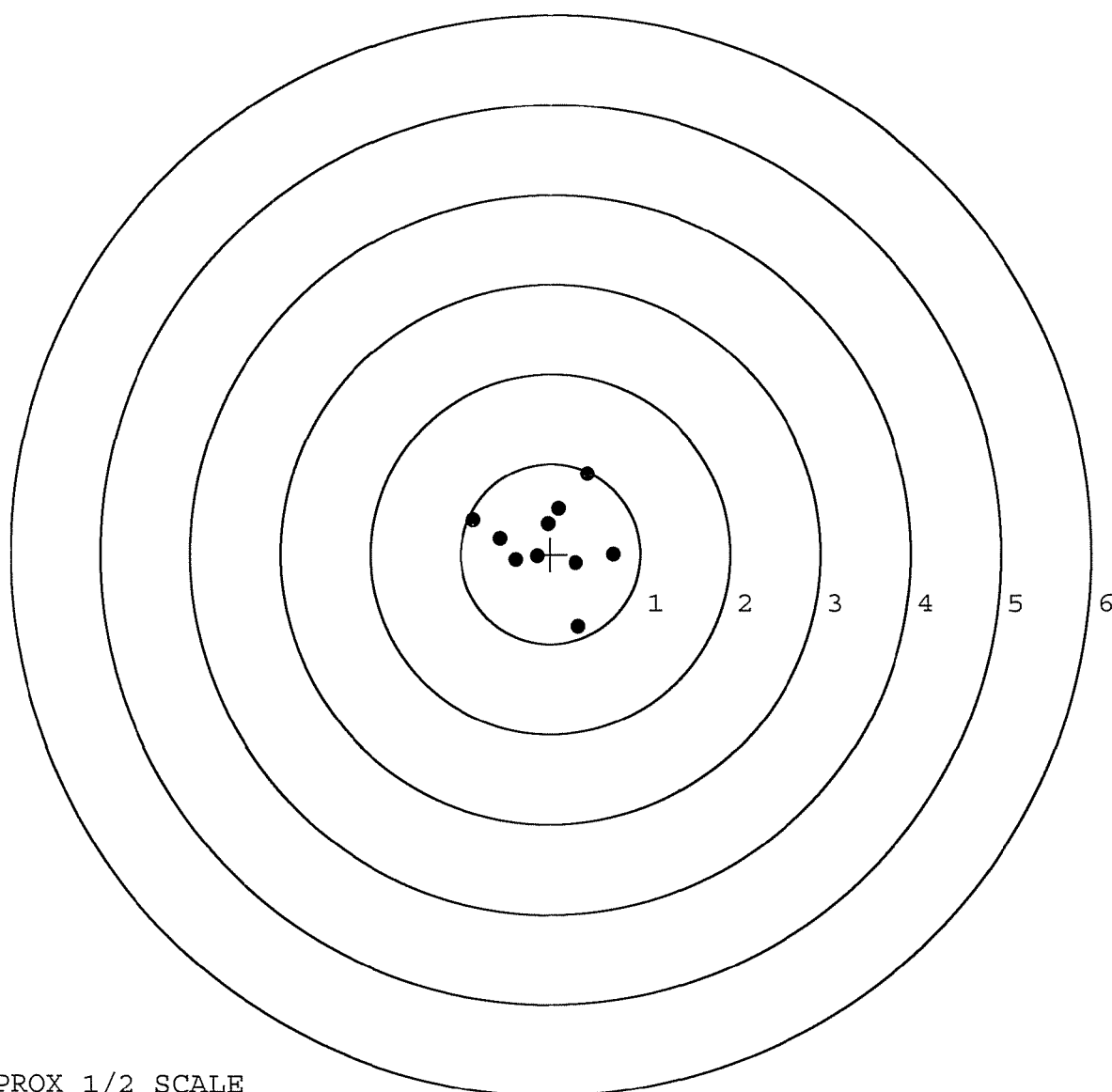
BARBER - M24 0120340

SERIAL NUMBER: E6413520. __0
TARGET NUMBER: 1
FILE DATE: 08/22/2002
FILE TIME: 10:47

X CENTROID: -0.021
Y CENTROID: 0.128
POA TO CENTROID: 0.130
HORZ SPREAD: 1.567
VERT SPREAD: 1.701
GROUP SPREAD: 1.705
MIN RADIUS: 0.200
MAX RADIUS: 0.998
MEAN RADIUS: 0.564

IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.307	-0.815
2:	0.281	-0.103
3:	0.703	-0.012
4:	0.419	0.886
5:	0.089	0.505
6:	-0.033	0.338
7:	-0.392	-0.063
8:	-0.563	0.180
9:	-0.864	0.386
10:	-0.152	-0.023



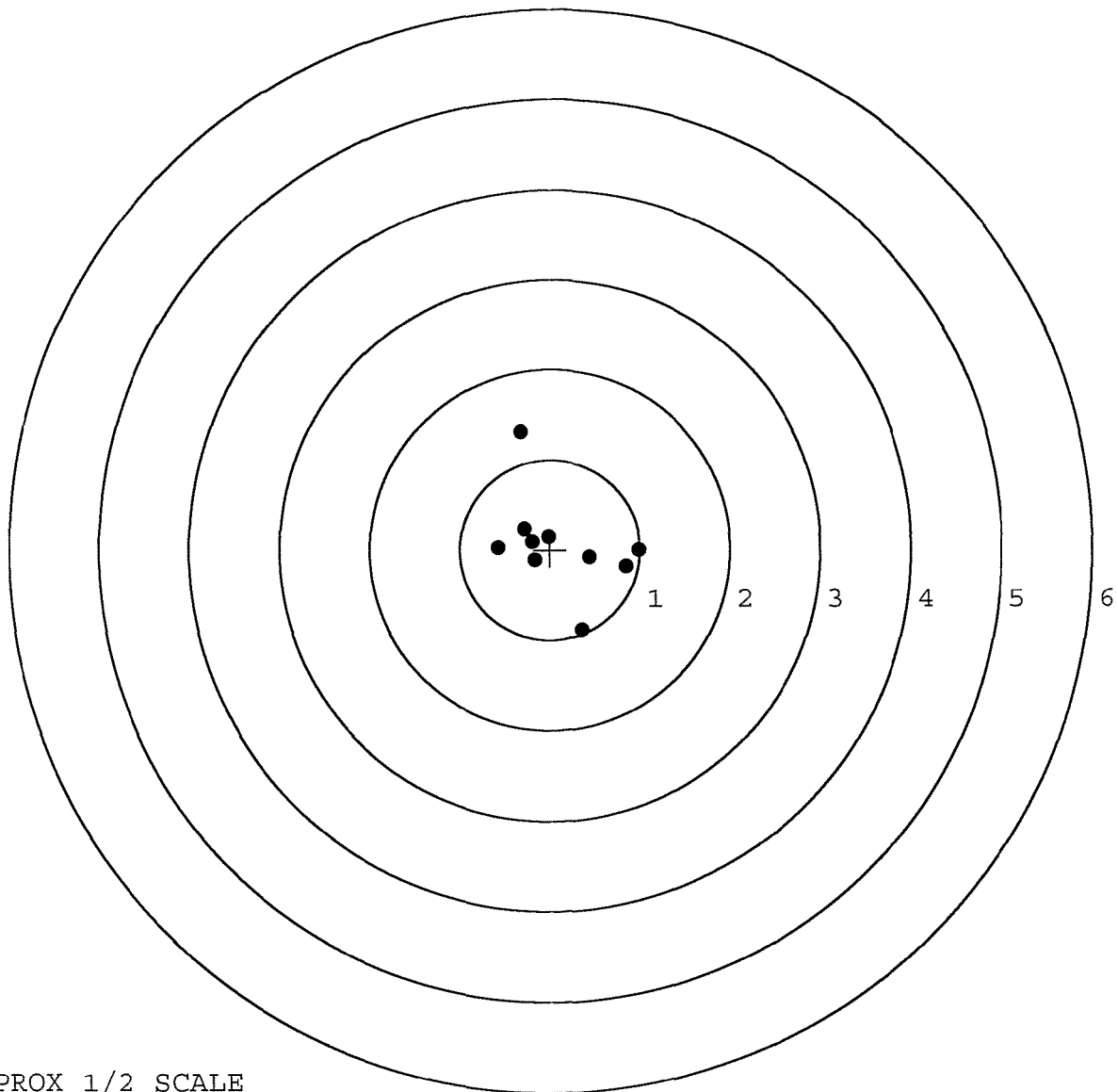
TARGET APPROX 1/2 SCALE

BARBER - M24 0120341

SERIAL NUMBER: E6413520. __0
TARGET NUMBER: 2
FILE DATE: 08/22/2002
FILE TIME: 10:47

X CENTROID: 0.108
Y CENTROID: 0.050
POA TO CENTROID: 0.119
HORZ SPREAD: 1.561
VERT SPREAD: 2.203
GROUP SPREAD: 2.305
MIN RADIUS: 0.156
MAX RADIUS: 1.329
MEAN RADIUS: 0.623
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.357	-0.894
2:	0.446	-0.085
3:	0.850	-0.190
4:	0.987	-0.012
5:	-0.321	1.309
6:	-0.574	0.032
7:	-0.171	-0.114
8:	-0.019	0.141
9:	-0.286	0.231
10:	-0.194	0.087



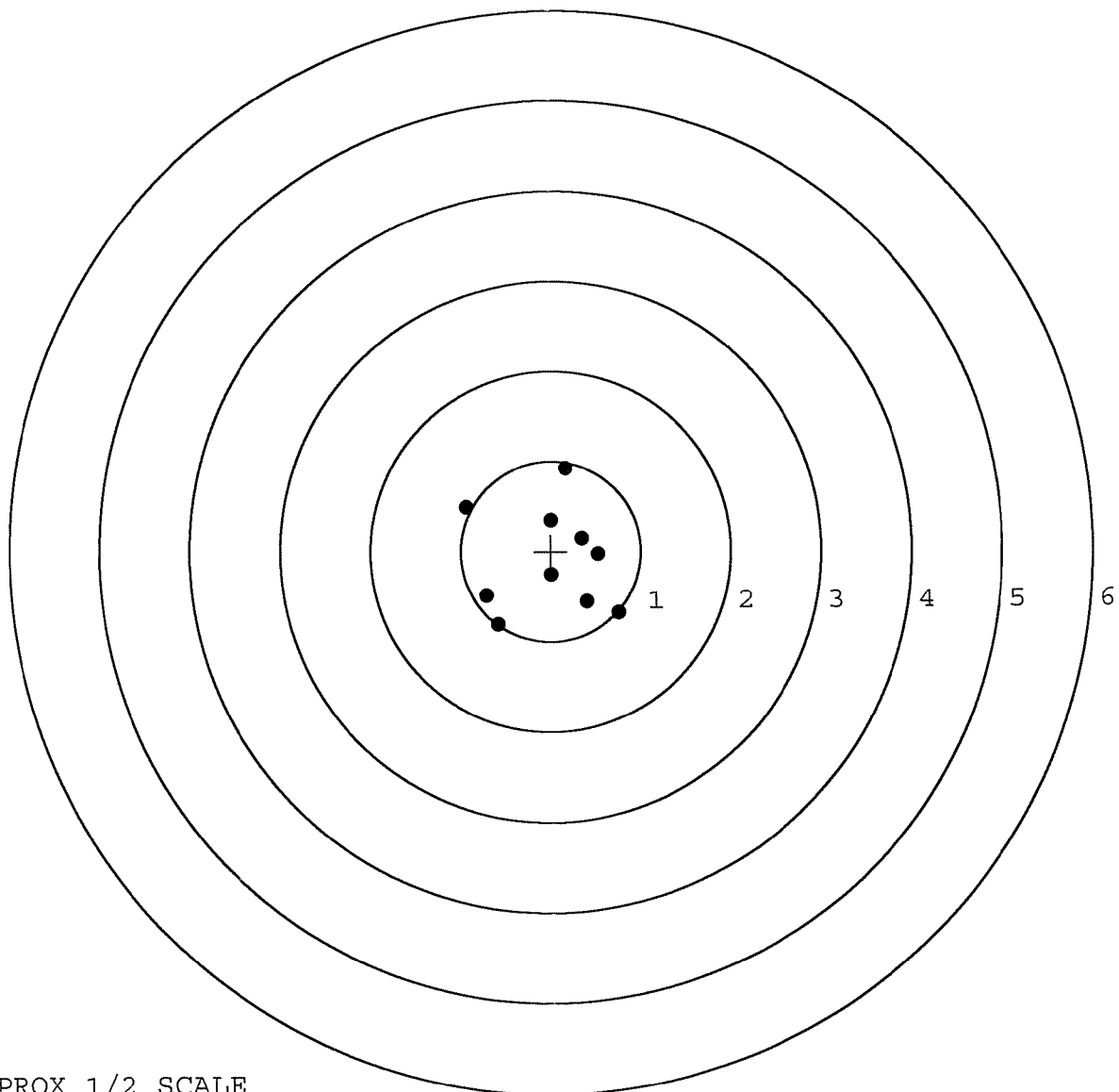
TARGET APPROX 1/2 SCALE

BARBER - M24 0120342

SERIAL NUMBER: E6413520. __0
 TARGET NUMBER: 3
 FILE DATE: 08/22/2002
 FILE TIME: 10:47

X CENTROID: -0.004
 Y CENTROID: -0.096
 POA TO CENTROID: 0.096
 HORZ SPREAD: 1.694
 VERT SPREAD: 1.731
 GROUP SPREAD: 2.071
 MIN RADIUS: 0.167
 MAX RADIUS: 1.107
 MEAN RADIUS: 0.703
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.756	-0.693
2:	0.401	-0.566
3:	0.003	-0.263
4:	0.528	-0.035
5:	0.353	0.144
6:	-0.002	0.340
7:	0.172	0.918
8:	-0.938	0.498
9:	-0.716	-0.491
10:	-0.593	-0.813



TARGET APPROX 1/2 SCALE

BARBER - M24 0120343

SERIAL NUMBER: E6413520. __0

TARGET NUMBER: 4

FILE DATE: 08/22/2002

FILE TIME: 10:47

X CENTROID: -0.177

Y CENTROID: 0.025

POA TO CENTROID: 0.179

HORZ SPREAD: 1.576

VERT SPREAD: 3.093

GROUP SPREAD: 3.108

MIN RADIUS: 0.216

MAX RADIUS: 1.752

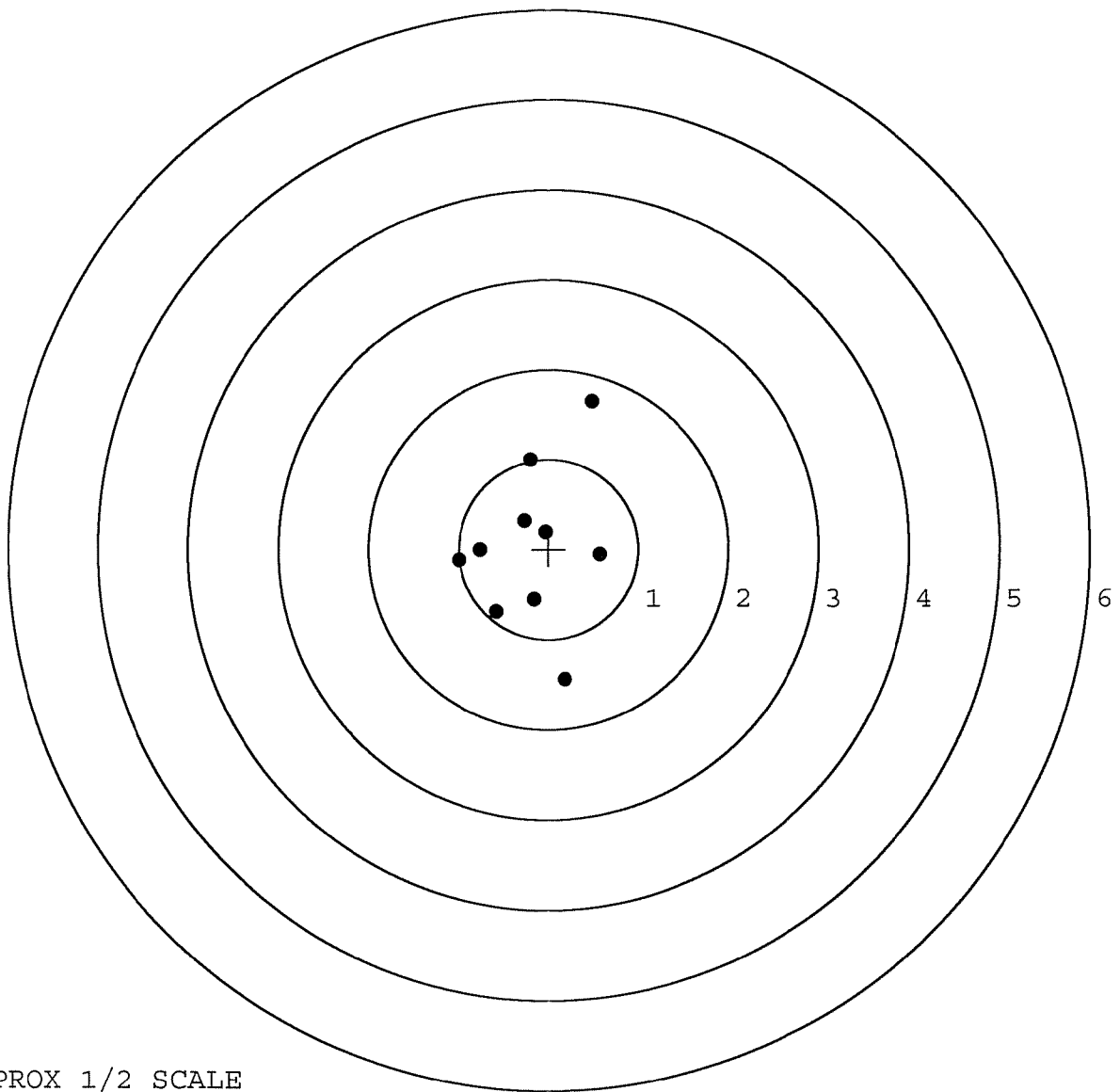
MEAN RADIUS: 0.836

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.180	-1.448
2:	-0.163	-0.564
3:	-0.581	-0.694
4:	0.576	-0.061
5:	-1.000	-0.125
6:	-0.035	0.187
7:	-0.272	0.320
8:	-0.205	0.998
9:	0.490	1.645
10:	-0.764	-0.008



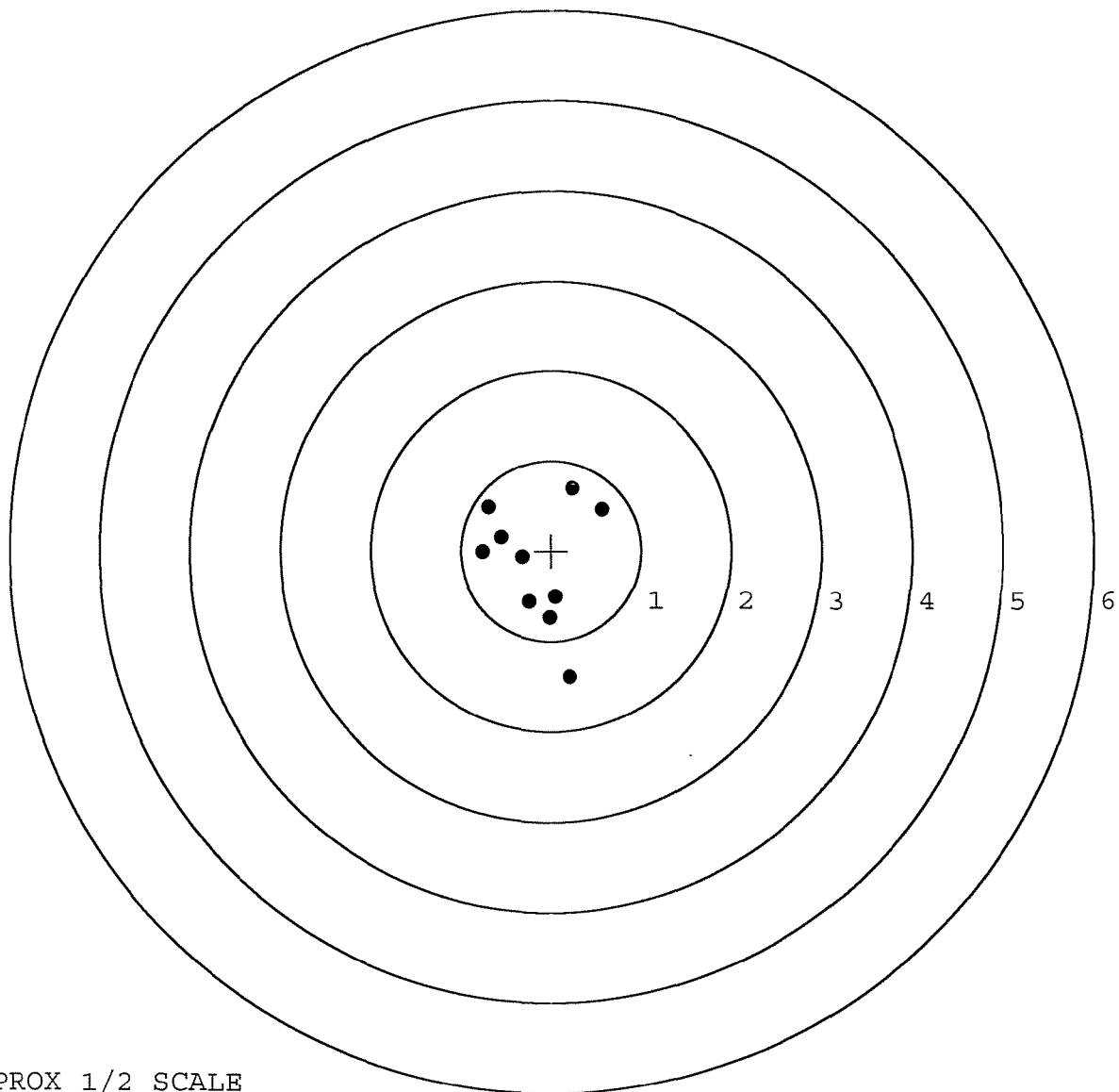
TARGET APPROX 1/2 SCALE

BARBER - M24 0120344

SERIAL NUMBER: E6413520. __0
TARGET NUMBER: 5
FILE DATE: 08/22/2002
FILE TIME: 10:47

X CENTROID: -0.153
Y CENTROID: -0.152
POA TO CENTROID: 0.215
HORZ SPREAD: 1.328
VERT SPREAD: 2.086
GROUP SPREAD: 2.086
MIN RADIUS: 0.188
MAX RADIUS: 1.293
MEAN RADIUS: 0.675
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.207	-1.394
2:	0.567	0.454
3:	0.239	0.692
4:	-0.696	0.481
5:	-0.761	-0.018
6:	-0.556	0.149
7:	-0.321	-0.068
8:	0.053	-0.512
9:	-0.244	-0.561
10:	-0.016	-0.741



TARGET APPROX 1/2 SCALE

AVERAGE PULL FORCE BETWEEN

INITIAL & CYCLE TESTS

SERIAL NO.

2.50 LBS (plus or minus 0.50 LBS)

DATE

9-29-04

3.00 LBS (plus or minus 0.75 LBS)

TESTER

TRW

4.00 LBS (plus or minus 1.00 LBS)

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.67	2.42		2.29	
PULL #2	2.77	2.52		2.26	
PULL #3	2.77	2.60		2.31	
PULL #4	2.47	2.59		2.34	
PULL #5	2.71	2.56		2.33	
TOTAL	13.39	12.69		11.53	
AVERAGE	2.67	2.53		2.30	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.04	3.01		
PULL #2	3.11	3.09		
PULL #3	3.17	3.10		
PULL #4	3.21	2.90		
PULL #5	3.15	3.08		
TOTAL	15.68	15.18		
AVERAGE	3.13	3.03		

	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	4.15		4.41
PULL #2	4.01	4.10		4.37
PULL #3	4.29	4.09		4.54
PULL #4	4.22	4.09		4.02
PULL #5	4.27	4.09		4.27
TOTAL	20.89	20.52		21.61
AVERAGE	4.17	4.10		4.32

R & E NUMBER	84602		
SERIAL NUMBER	F60413520		
LOG-IN DATE	9-8-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9-8-04	RTL
560 A	RE-BARREL	9-9-04	RTL
B	DRILL AND TAP	9-9-04	TRW
575	ASSEMBLE	9-9-04	RTL
600	PROOF	9-9-04	RTL
605	CHECK HEADSPACE	9-9-04	RTL
610	DIS-ASSEMBLE GUN	9-9-04	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	9-9-04	RTL
618	ROTO-BLAST	9-10-04	LB
620	APPLY COATINGS	9/28	HP
625 A	FINAL ASSEMBLY	9-29-04	TRW
B	TRIGGER PULL TEST	10-1-04	AC
C	SAFETY "ON" FORCE	10-1-04	AC
D	SAFETY "OFF" FORCE	10-1-04	AC
E	FIRING PIN INDENT		
640	TARGET	9-30-04	TRW
655	FINAL INSPECT	10-3-04	RTL
660	PACK	10-4-04	NA
		SHIP DATE	
	QAR INSPECTION DATE		

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6702851

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		5/1/92	Rw
600	Proof		5/1/92	Rw
607	Check Headspace		5/1/92	Rw
610	Dis-assemble Gun		5/1/92	Rw
612	Magnaflux Barrel Action	MAY	5 1992	Kcl
	Magnaflux Bolt	MAY	5 1992	Kcl
615	Rollmark Caliber	MAY	5 1992	GS
617	Drill and Tap Sight Holes	MAY	5 1992	FB
618	Polish Barrel	MAY	5 1992	WB
620	Apply Coatings (Barrel Action)		6/10/92	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		6/13/92	Rw
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		6/13/92	Rw
	C) Inspect Ejector Hole for Chamfer		6/13/92	Rw
	D) Oil Firing Pin Ass'y		6/13/92	Rw
	E) Adjust Trigger Pull to Min Setting and Stake		6/15/92	Rw

op. #	BARBER - M24 0120348 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	4.5	5			6/15/92	RW
	G) Safety Off Force	3	2.5	3			6/15/92	RW
	H) Trigger Pull Test & Retainability						6/15/92	RW
	I) Firing Pin Indent	.0215	.0215	.0225			6/15/92	RW
	J) Assemble Stock						6/16/92	RW
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle						6/16/92	RW
	P) Detach & Attach Scope 20 Times						6/16/92	RW
640	Gallery Target & Test						6-25-92	DH
	A) Time						6-25-92	DH
	B) Malfunctions						6-25-92	DH
	C) Pierced Primers						6-25-92	DH
	D) Optical Clarity of Scope						6-25-92	DH
645	Inspect for Live Ammo						6-25-92	DH
655	Final Inspection A) Headspace						6-25-92	RW
	B) Trigger Pull	241	241	241	232	233	6-26-92	DH
	C) Function						6/25/92	RW
660	Pack							

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

SERIAL NO. C6702851DATE 6/15/82TESTER Rw

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.23	2.36	241	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.52	2.28	2.38	241	
PULL #3	2.43	2.29	2.24	241	
PULL #4	2.43	2.26	2.31	232	
PULL #5	2.47	2.24	2.29	233	
TOTAL	12.36	11.30	11.58		
AVG.	2.47	2.26	2.32		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.18	3.32		
PULL #2	3.29	3.34		
PULL #3	3.32	3.30		
PULL #4	3.32	3.08		
PULL #5	3.27	3.27		
TOTAL	16.38	16.31		
AVG.	3.28	3.26		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.19	4.18		4.00
PULL #2	4.06	4.18		4.13
PULL #3	4.15	4.15		4.11
PULL #4	4.21	4.08		4.18
PULL #5	4.12	4.17		4.16
TOTAL	20.73	20.76		20.58
AVG.	4.15	4.15		4.13

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6702851
25 Jun 1992

CENTROIDAL DISTANCES

0 TO	1	.0730616
1 TO	2	.508035
1 TO	3	.289698
1 TO	4	.0541202
1 TO	5	.152958

<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0178
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1042
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .105709
THE AMR FOR THIS RIFLE IS: .9598

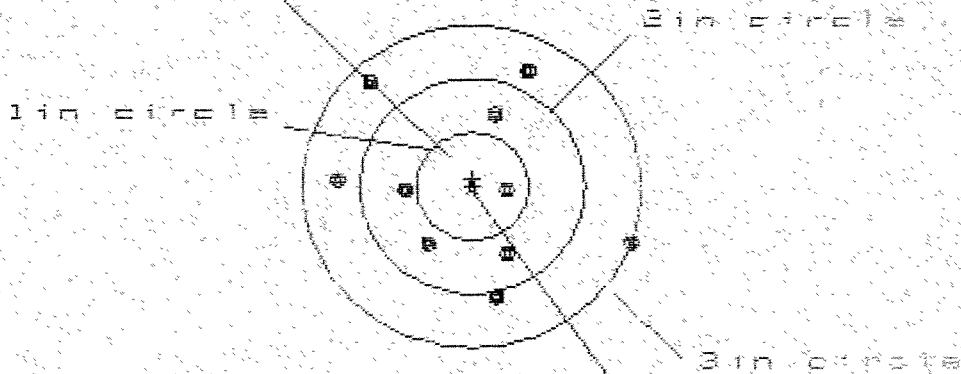
25 Jun 1992

FILE:/PATTERNING/CENTERFIRE_PATT/C6702051

CENTERFIRE PATTERNS

1

POR



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 3

HS = 2.630

VS = 2.056

GS = 2.816

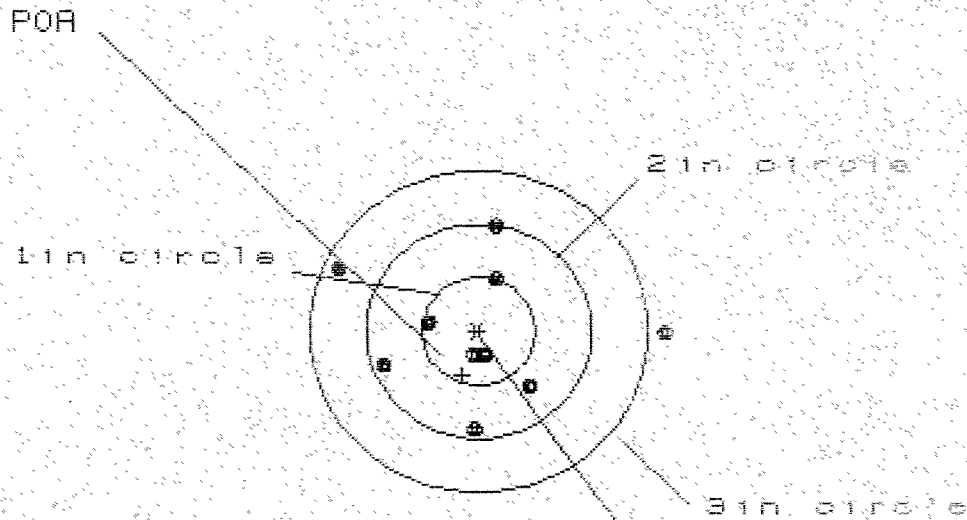
CENTROID

PATTERN #		1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.435	.659	.563
MINIMUM X	:	-1.195	-1.035	-1.151
MAXIMUM Y	:	1.039	.976	1.098
MINIMUM Y	:	-1.017	-1.080	-1.068
CENTROID X	:	-.003	-.163	-.067
CENTROID Y	:	-.073	-.010	-.132
POR TO CENTROID in.	:	.073	.163	.139
MIN RADIUS	:	.321	.398	.387
MEAN RADIUS	:	.913	.839	.778
MAX RADIUS	:	1.545	1.181	1.225
HORIZONTAL SPREAD	:	2.630	1.694	1.694
VERTICAL SPREAD	:	2.056	2.056	2.056
EXTREME SPREAD	:	2.816	2.285	2.076
NUMBER IN ONE INCH CIRCLE	=	1	5	9
NUMBER IN TWO INCH CIRCLE	=	5	9	9
NUMBER IN THREE INCH CIRCLE	=	9	9	9

25 Jun 1992

FILE:/PATTERNING/CENTERFIRE_PATT/C6702851

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 7

3 in = 9

HS= 2.884

VS= 1.937

GS= 2.868

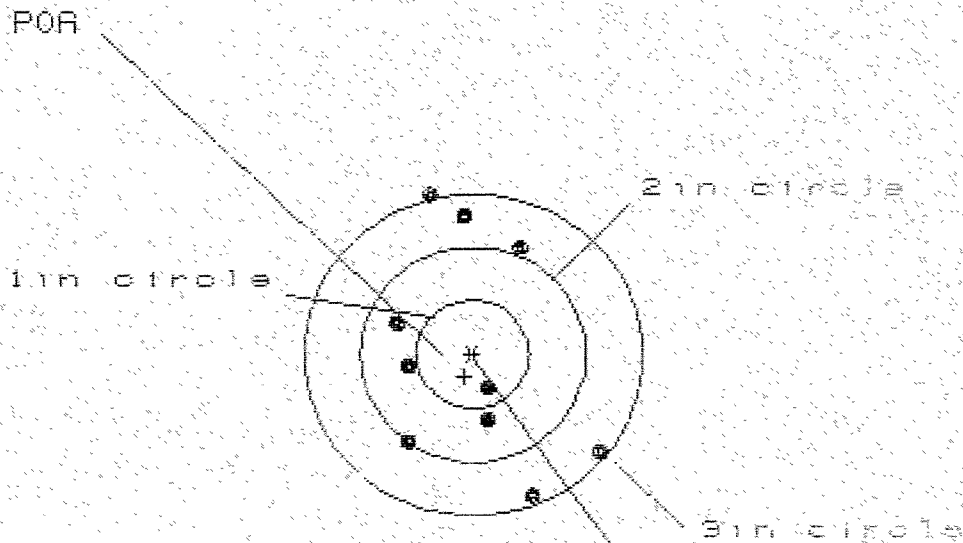
CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.607	1.675	1.547
MINIMUM X	-1.197	-1.018	-1.793
MAXIMUM Y	.995	.996	1.073
MINIMUM Y	-.942	-.941	-.965
CENTROID X	.145	-.034	.093
CENTROID Y	-.413	.412	.335
POA TO CENTROID in.	.437	.413	.348
MIN RADIUS	.180	.232	.163
MEAN RADIUS	.793	.695	.606
MAX RADIUS	1.607	1.189	1.090
HORIZONTAL SPREAD	2.884	1.693	1.031
VERTICAL SPREAD	1.937	1.937	1.937
EXTREME SPREAD	2.868	2.030	1.948
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

25 Jun 1992

FILE:/PATTERNING/CENTERFIRE_PATT/06702851

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS= 1.816

VS= 2.788

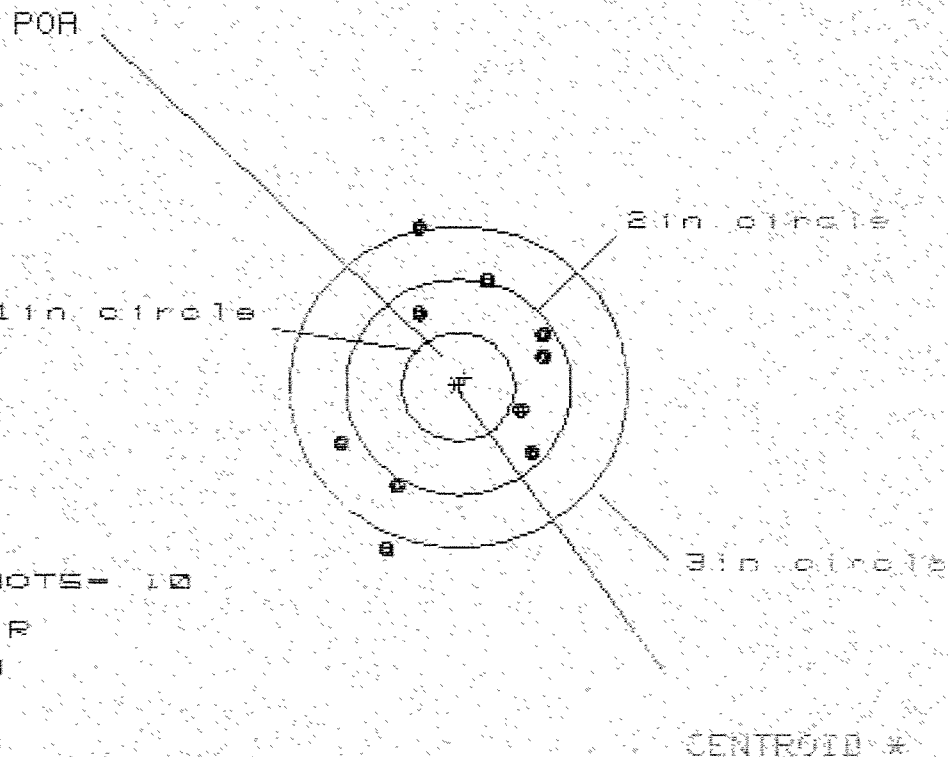
GS= 2.941

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.109	1.066	.642
MINIMUM X	-.707	-.750	-.617
MAXIMUM Y	1.478	1.505	1.403
MINIMUM Y	-1.310	-1.146	-1.243
CENTROID X	.075	.118	-.015
CENTROID Y	.206	.042	.139
POA TO CENTROID in.	.220	.125	.140
MIN RADIUS	.332	.176	.340
MEAN RADIUS	1.015	.928	.877
MAX RADIUS	1.527	1.512	1.408
HORIZONTAL SPREAD	1.816	1.816	1.259
VERTICAL SPREAD	2.788	2.651	2.651
EXTREME SPREAD	2.941	2.730	2.730
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

25 Jun 1982

FILE: \PATTERNING\CENTERFIRE_PATT\06702651

CENTERFIRE PATTERNS # 4



HS= 1.789

VS= 2.942

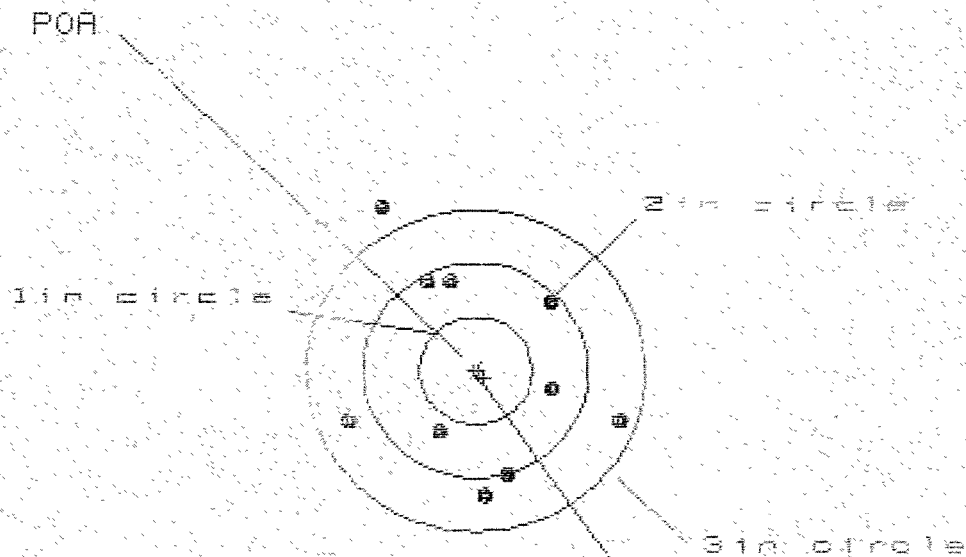
GS= 2.959

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	.745
MINIMUM X	-1.044
MAXIMUM Y	1.439
MINIMUM Y	-1.504
CENTROID X	-.055
CENTROID Y	-.082
POA TO CENTROID in.	.104
MIN RADIUS	.565
MEAN RADIUS	1.020
MAX RADIUS	1.635
HORIZONTAL SPREAD	1.789
VERTICAL SPREAD	2.942
EXTREME SPREAD	2.959
NUMBER IN ONE INCH CIRCLE =	0
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	9

25 Jun 1982

FILE:/PATTERNING/CENTERFIRE_PATT/06702851

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 6

3 in = 9

HS= 2.401

VS= 2.682

GS= 2.904

CENTROID #

PATTERN #	1	5	9	8
SHOTS (BEST OF)	10	9	9	8
MAXIMUM X	1.227	1.133	1.133	1.723
MINIMUM X	-1.174	-1.268	-1.268	-1.127
MAXIMUM Y	1.526	1.013	1.013	1.970
MINIMUM Y	-1.182	-0.993	-0.993	-1.836
CENTROID X	-0.073	0.021	0.021	-0.120
CENTROID Y	0.063	-0.106	-0.106	-0.063
POA TO CENTROID in.	0.096	0.108	0.108	0.136
MIN RADIUS	0.675	0.579	0.579	0.342
MEAN RADIUS	1.059	0.958	0.958	0.929
MAX RADIUS	1.741	1.296	1.296	1.168
HORIZONTAL SPREAD	2.401	2.401	2.401	1.850
VERTICAL SPREAD	2.682	2.006	2.006	2.006
EXTREME SPREAD	2.904	2.402	2.402	2.158
NUMBER IN ONE INCH CIRCLE	0	0	0	0
NUMBER IN TWO INCH CIRCLE	0	0	0	0
NUMBER IN THREE INCH CIRCLE	0	0	0	0

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSF Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00050337** Serial: **C6702845** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SWS)** Repairman: Status: **Closed 8/7/02 6:30:19 AM**

Verify Repair

Address Information

Customer: **HHC 3/327** Received From: **HHC 3/327** Return To: **HHC 3/327** Received From:

Address 1: Address 2: PO Box: City: **FORT CAMPBELL** State: **KY** Zip Code: **42223** Country: **US**

FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: **270-798-3724** Fax: Email: Comments:

Received Condition

Condition: **Fair** Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A017	Scope Base	1
A026	Scope	1
X	FRT & REAR SGT BA	2

Repair Search Refresh Close

inagle 8/7/02 7:43 AM CAPS NUM INS SCFL

Start Inbox - Micros Calendar - Micro Microsoft Excel Arms Servic... Printscreen 95 7:43 AM

Serial Number:

C6702845Model: **700****RE00050337***E 6413520*

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6413520.___0
FILE DATE AND TIME: 08/22/2002 10:47

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

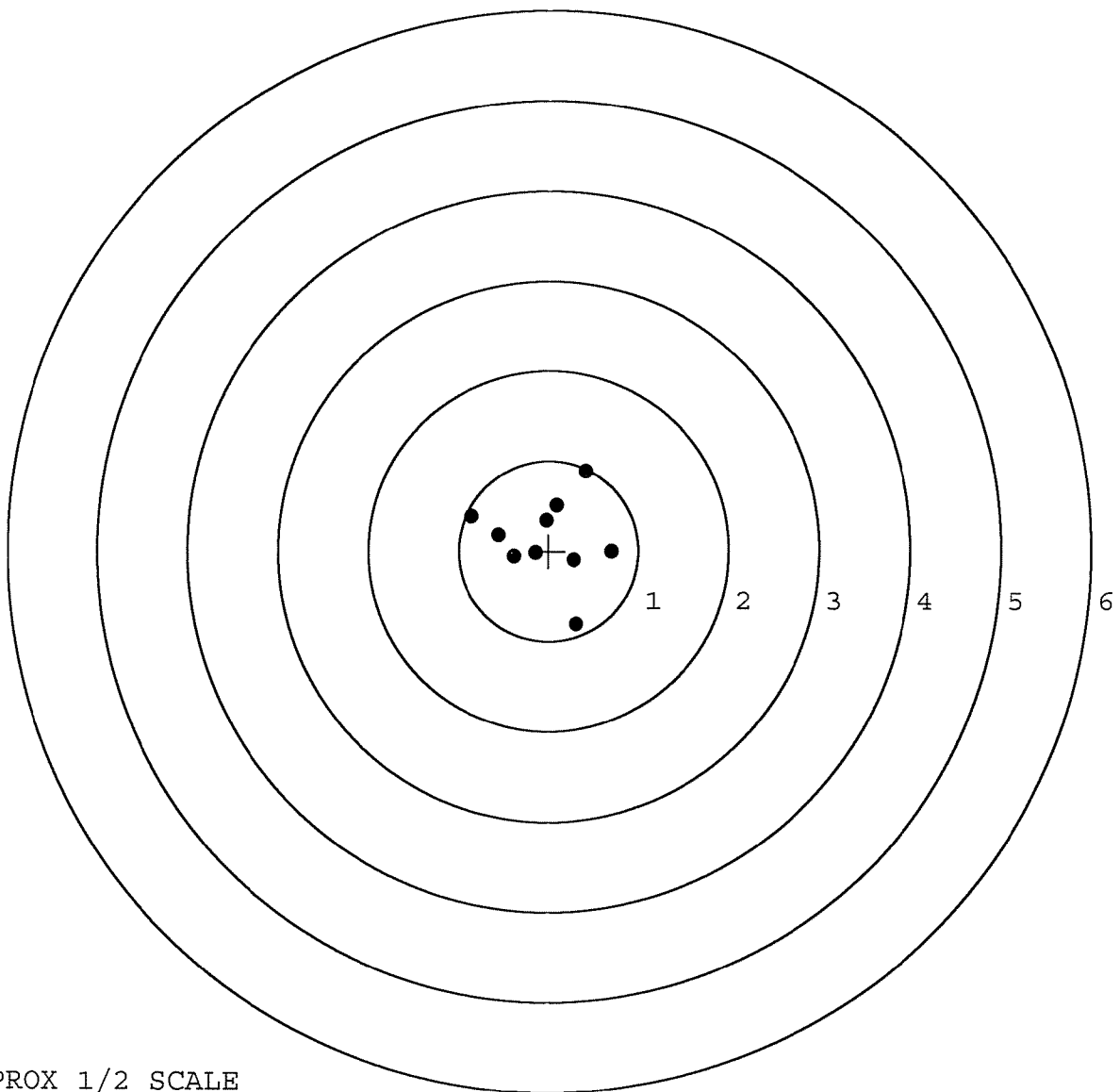
The Average X Centroid of the Five Target Set:	-0.049
The Average Y Centroid of the Five Target Set:	-0.009
The Average Point of Impact of the Five Target Set:	0.050
The Average Mean Radius of the Five Target Set:	0.680
The Distance from POA to Centroid Target #1:	0.130
The Distance from Centroid Target #2 to Centroid Target #1:	0.150
The Distance from Centroid Target #3 to Centroid Target #1:	0.225
The Distance from Centroid Target #4 to Centroid Target #1:	0.188
The Distance from Centroid Target #5 to Centroid Target #1:	0.309

BARBER - M24 0120358

SERIAL NUMBER: E6413520. __0
TARGET NUMBER: 1
FILE DATE: 08/22/2002
FILE TIME: 10:47

POINT#	X	Y
1:	0.307	-0.815
2:	0.281	-0.103
3:	0.703	-0.012
4:	0.419	0.886
5:	0.089	0.505
6:	-0.033	0.338
7:	-0.392	-0.063
8:	-0.563	0.180
9:	-0.864	0.386
10:	-0.152	-0.023

X CENTROID: -0.021
Y CENTROID: 0.128
POA TO CENTROID: 0.130
HORZ SPREAD: 1.567
VERT SPREAD: 1.701
GROUP SPREAD: 1.705
MIN RADIUS: 0.200
MAX RADIUS: 0.998
MEAN RADIUS: 0.564
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



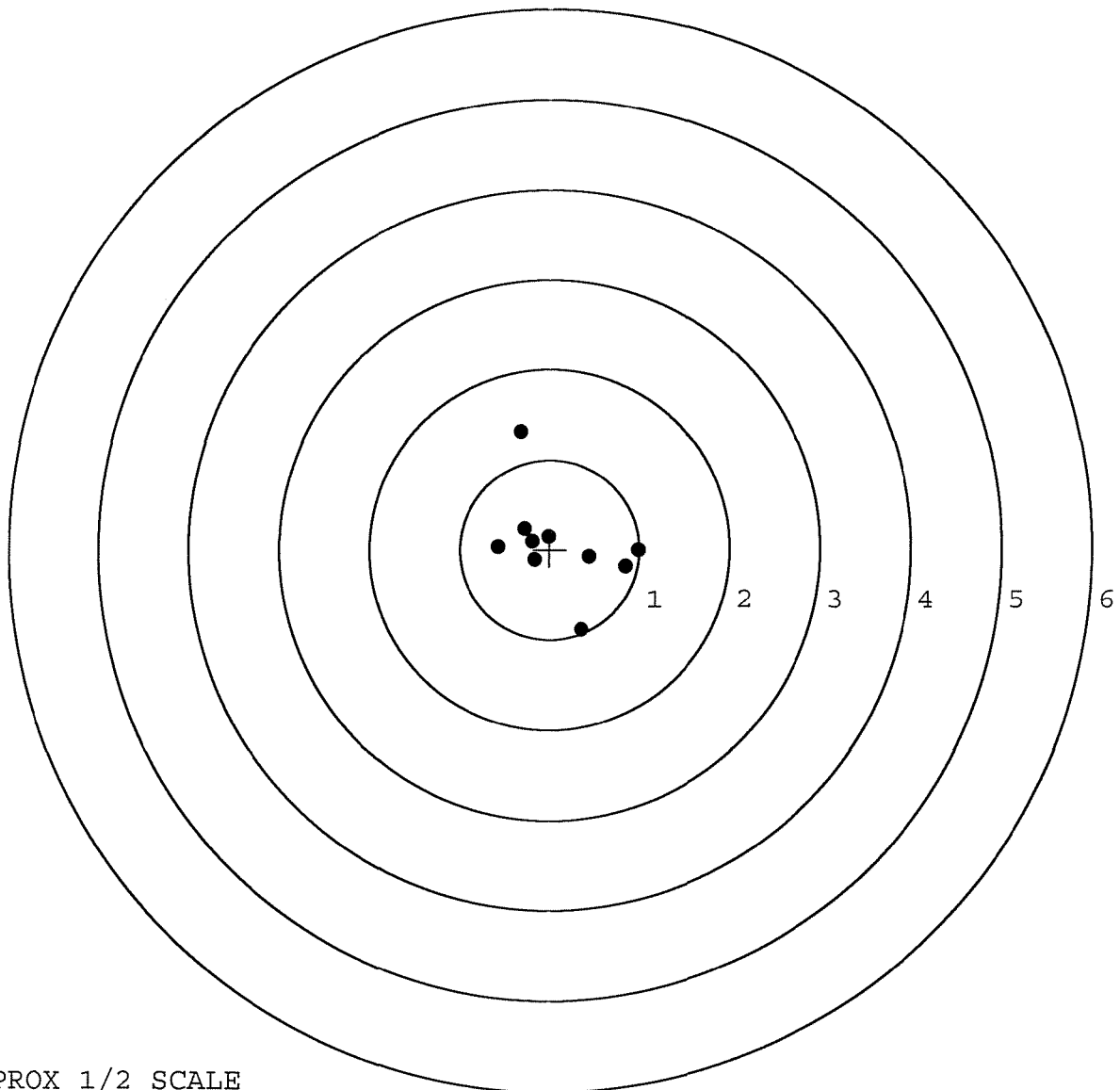
TARGET APPROX 1/2 SCALE

BARBER - M24 0120359

SERIAL NUMBER: E6413520. __0
TARGET NUMBER: 2
FILE DATE: 08/22/2002
FILE TIME: 10:47

POINT#	X	Y
1:	0.357	-0.894
2:	0.446	-0.085
3:	0.850	-0.190
4:	0.987	-0.012
5:	-0.321	1.309
6:	-0.574	0.032
7:	-0.171	-0.114
8:	-0.019	0.141
9:	-0.286	0.231
10:	-0.194	0.087

X CENTROID: 0.108
Y CENTROID: 0.050
POA TO CENTROID: 0.119
HORZ SPREAD: 1.561
VERT SPREAD: 2.203
GROUP SPREAD: 2.305
MIN RADIUS: 0.156
MAX RADIUS: 1.329
MEAN RADIUS: 0.623
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



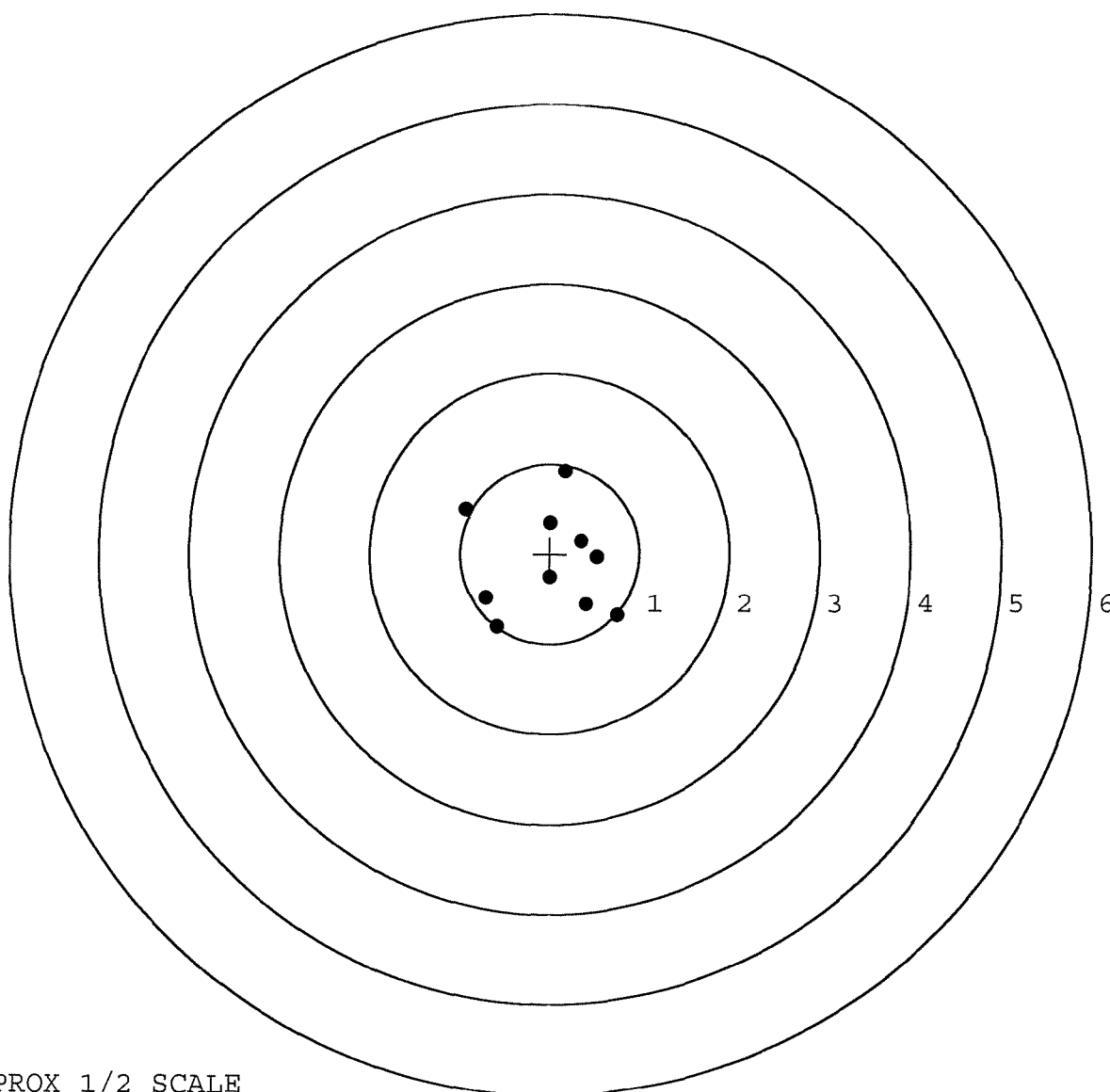
TARGET APPROX 1/2 SCALE

BARBER - M24 0120360

SERIAL NUMBER: E6413520. __0
 TARGET NUMBER: 3
 FILE DATE: 08/22/2002
 FILE TIME: 10:47

POINT#	X	Y
1:	0.756	-0.693
2:	0.401	-0.566
3:	0.003	-0.263
4:	0.528	-0.035
5:	0.353	0.144
6:	-0.002	0.340
7:	0.172	0.918
8:	-0.938	0.498
9:	-0.716	-0.491
10:	-0.593	-0.813

X CENTROID: -0.004
 Y CENTROID: -0.096
 POA TO CENTROID: 0.096
 HORZ SPREAD: 1.694
 VERT SPREAD: 1.731
 GROUP SPREAD: 2.071
 MIN RADIUS: 0.167
 MAX RADIUS: 1.107
 MEAN RADIUS: 0.703
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0120361

SERIAL NUMBER: E6413520. __0

TARGET NUMBER: 4

FILE DATE: 08/22/2002

FILE TIME: 10:47

POINT#	X	Y
1:	0.180	-1.448
2:	-0.163	-0.564
3:	-0.581	-0.694
4:	0.576	-0.061
5:	-1.000	-0.125
6:	-0.035	0.187
7:	-0.272	0.320
8:	-0.205	0.998
9:	0.490	1.645
10:	-0.764	-0.008

X CENTROID: -0.177

Y CENTROID: 0.025

POA TO CENTROID: 0.179

HORZ SPREAD: 1.576

VERT SPREAD: 3.093

GROUP SPREAD: 3.108

MIN RADIUS: 0.216

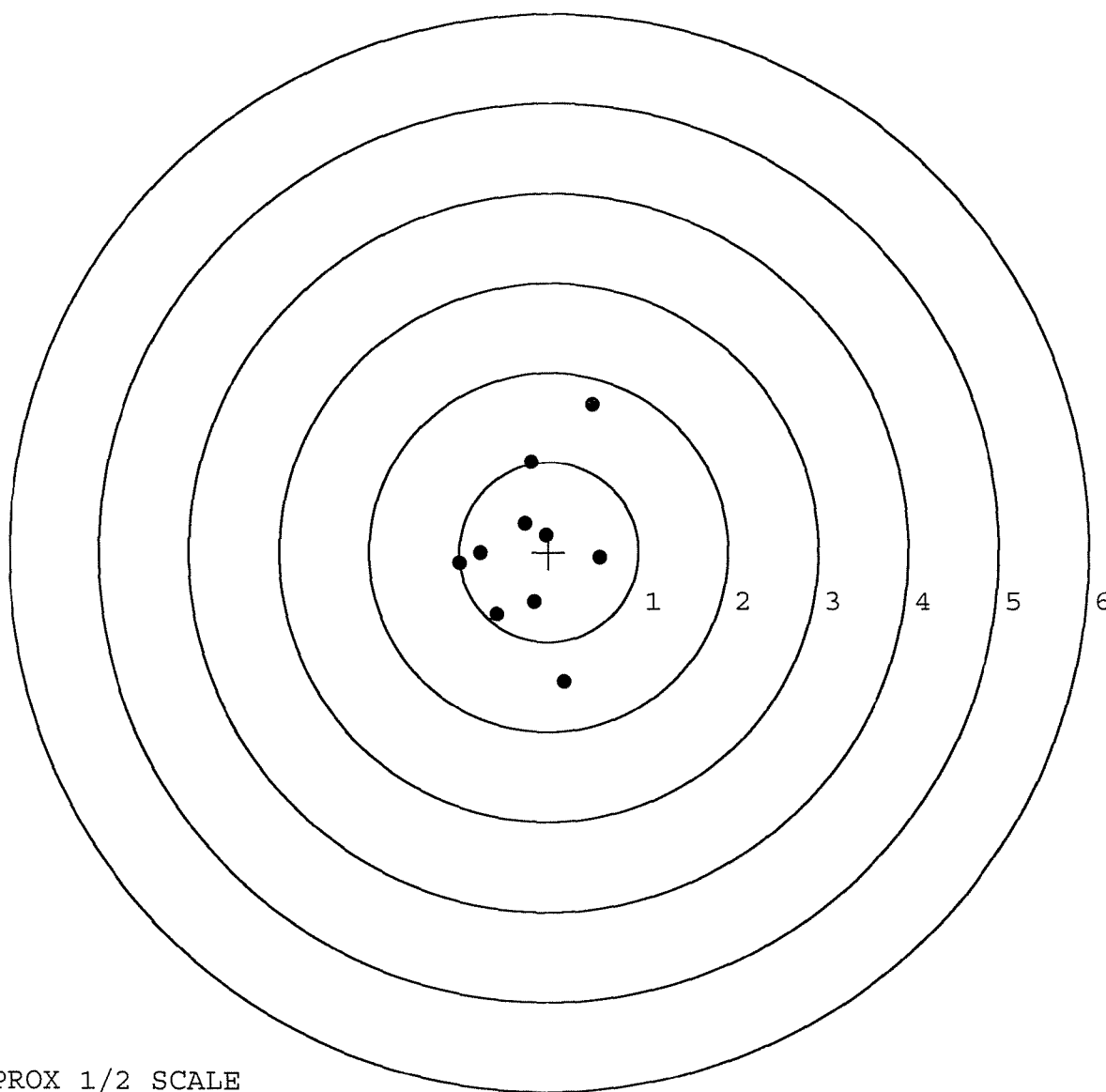
MAX RADIUS: 1.752

MEAN RADIUS: 0.836

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

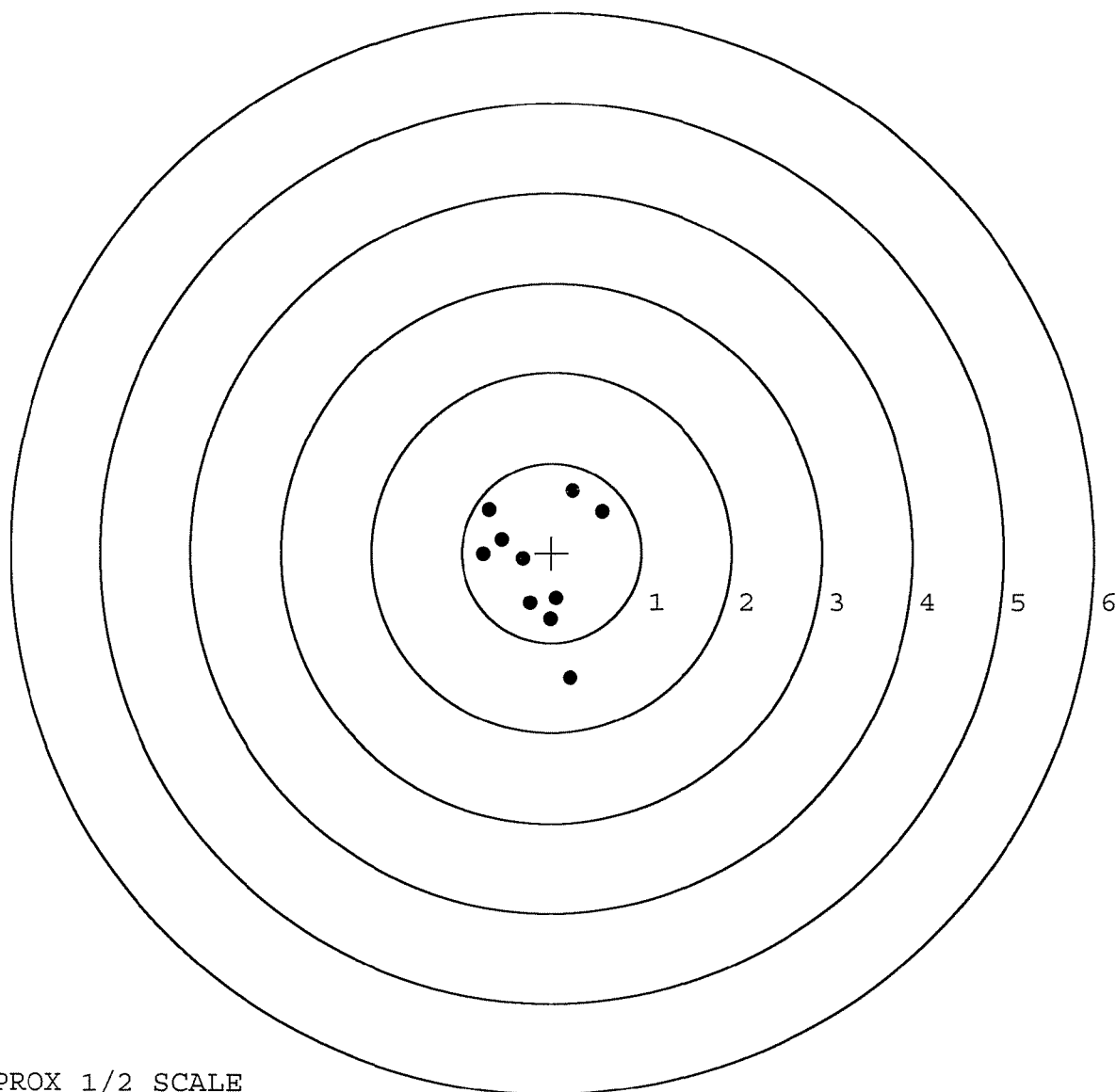
BARBER - M24 0120362

SERIAL NUMBER: E6413520. 0
TARGET NUMBER: 5
FILE DATE: 08/22/2002
FILE TIME: 10:47

X CENTROID: -0.153
Y CENTROID: -0.152
POA TO CENTROID: 0.215
HORZ SPREAD: 1.328
VERT SPREAD: 2.086
GROUP SPREAD: 2.086
MIN RADIUS: 0.188
MAX RADIUS: 1.293
MEAN RADIUS: 0.675

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.207	-1.394
2:	0.567	0.454
3:	0.239	0.692
4:	-0.696	0.481
5:	-0.761	-0.018
6:	-0.556	0.149
7:	-0.321	-0.068
8:	0.053	-0.512
9:	-0.244	-0.561
10:	-0.016	-0.741



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	50337		
SERIAL NUMBER	6202845 6413520		
LOG-IN DATE	8/7/02		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8/8/02	RL
560 A	RE-BARREL	8-9-02	DA
B	DRILL AND TAP	8-13-02	AC
575	ASSEMBLE	8/13/02	RL
600	PROOF	8-13-02	AC
605	CHECK HEADSPACE	8/13/02	RL
610	DIS-ASSEMBLE GUN	8/13/02	RL
612	MAGNAFLUX		OPERATOR BR
615	ROLLMARK CALIBER	8/14	AB
618	ROTO-BLAST	8/15	KO
620	APPLY COATINGS	8-16	TA
625 A	FINAL ASSEMBLY	8/20/02	RL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	8-20-02	AC
655	FINAL INSPECT	8-22-02	RL
660	PACK	8-27-02	DA
		SHIP DATE	
	QAR INSPECTION DATE		