

G 6300 637
Replace
E641 3464

Repair Number: RE00112979	Serial: G6300637 Model: M24 SWS - Center Fire Caliber: 7.62 NATO	Repairman:	Status: New 5/30/2006 11:21:58 AM
Verify Repair			
Address Information			
Customer: ☒ Received From		Return To: ☒ Received From	
Name: C CO SPT BN SWTG (A) POC JERRY SCREEN		C CO SPT BN SWTG (A) POC JERRY SCREEN	
Address 1: ARMAMENT FACILITY BLDG D-1307		ARMAMENT FACILITY BLDG D-1307	
Address 2: GRUBER ROAD PO Box:		GRUBER ROAD PO Box:	
City: FORT BRAGG		FORT BRAGG	
State: NC Zip Code: 28310 Country: US		State: NC Zip Code: 28310 Country: US	
FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐			
Contact / Condition	Problems	Estimate	History / Status
Shipping / Billing			
Contact Information		Received Condition	
Phone: NA		Fair	
Fax:		Condition Notes:	
Email:		CSR Notes:	
Comments:			
Accessories Received			
Code	Desc	Qty	
A007	With Stud	3	
A010	Hard Case	1	
A017	Scope Base	1	
A057	Fit and Rear Sgt Base	1	
Repair Search		Refresh	Close
nagleh	5/31/2006	10:29 AM	CAPS
NUM	INS	SCRL	

start | 2 Micros... | 2 Micros... | 3 Intern... | Arms Ser... | Part Sear... | 10:29 AM

Serial Number: **G6300637**Model: **M24 SWS****RE00112979**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300637.___1

FILE DATE AND TIME: 06/30/2006 05:45

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.114
The Average Y Centroid of the Five Target Set:	-0.070
The Average Point of Impact of the Five Target Set:	0.133
The Average Mean Radius of the Five Target Set:	0.680
The Distance from POA to Centroid Target #1:	0.177
The Distance from Centroid Target #2 to Centroid Target #1:	0.176
The Distance from Centroid Target #3 to Centroid Target #1:	0.165
The Distance from Centroid Target #4 to Centroid Target #1:	0.151
The Distance from Centroid Target #5 to Centroid Target #1:	0.178

SERIAL NUMBER: G6300637. __1

TARGET NUMBER: 1

FILE DATE: 06/30/2006

FILE TIME: 05:45

X CENTROID: -0.145

Y CENTROID: -0.100

POA TO CENTROID: 0.177

HORZ SPREAD: 1.820

VERT SPREAD: 1.453

GROUP SPREAD: 2.230

MIN RADIUS: 0.130

MAX RADIUS: 1.309

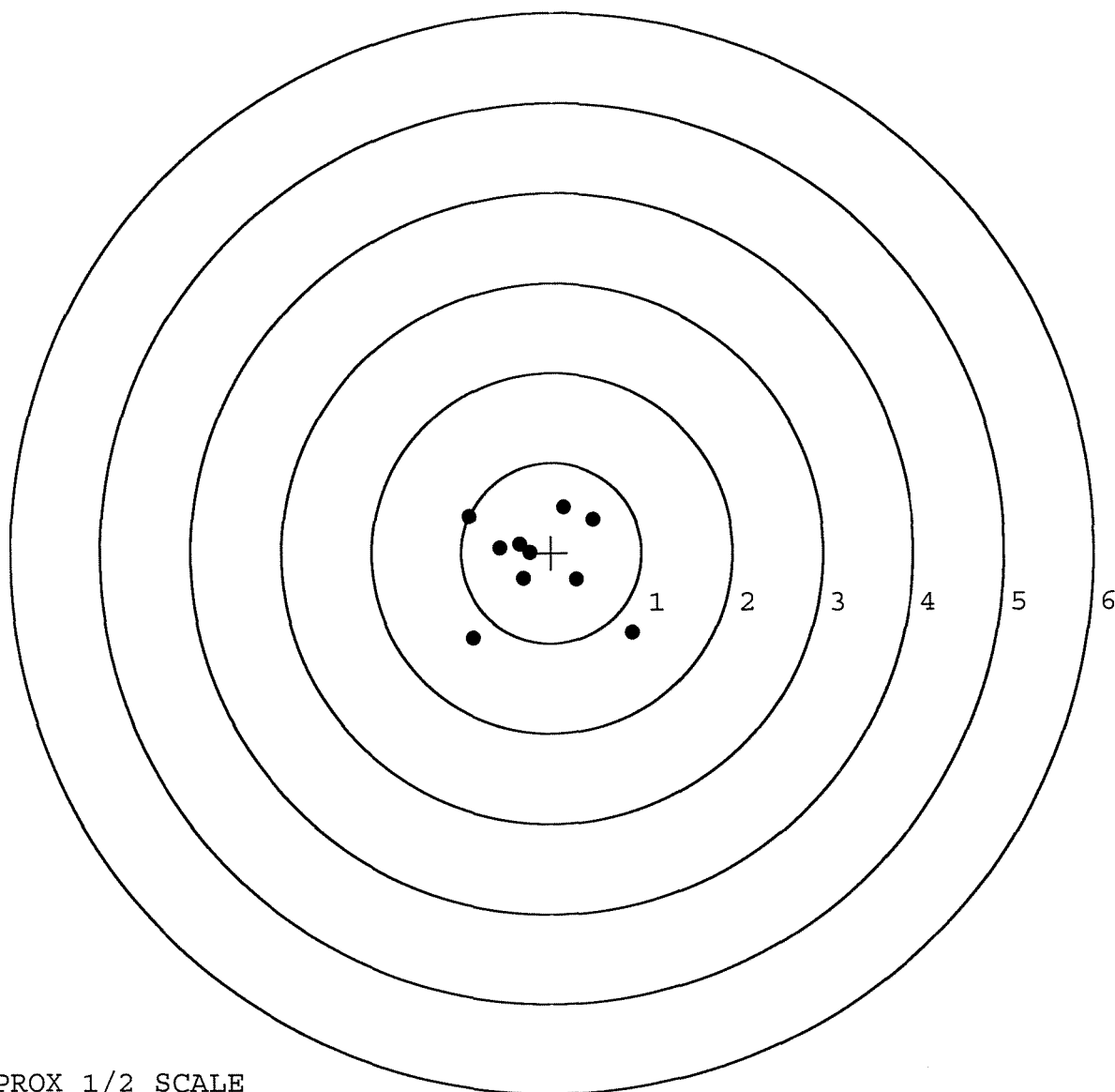
MEAN RADIUS: 0.637

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.900	-0.888
2:	-0.861	-0.947
3:	0.285	-0.302
4:	0.463	0.368
5:	0.137	0.506
6:	-0.308	-0.291
7:	-0.349	0.097
8:	-0.567	0.059
9:	-0.920	0.401
10:	-0.234	-0.005



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300637. __1

TARGET NUMBER: 2

FILE DATE: 06/30/2006

FILE TIME: 05:45

X CENTROID: 0.002

Y CENTROID: -0.196

POA TO CENTROID: 0.196

HORZ SPREAD: 1.967

VERT SPREAD: 2.173

GROUP SPREAD: 2.327

MIN RADIUS: 0.297

MAX RADIUS: 1.412

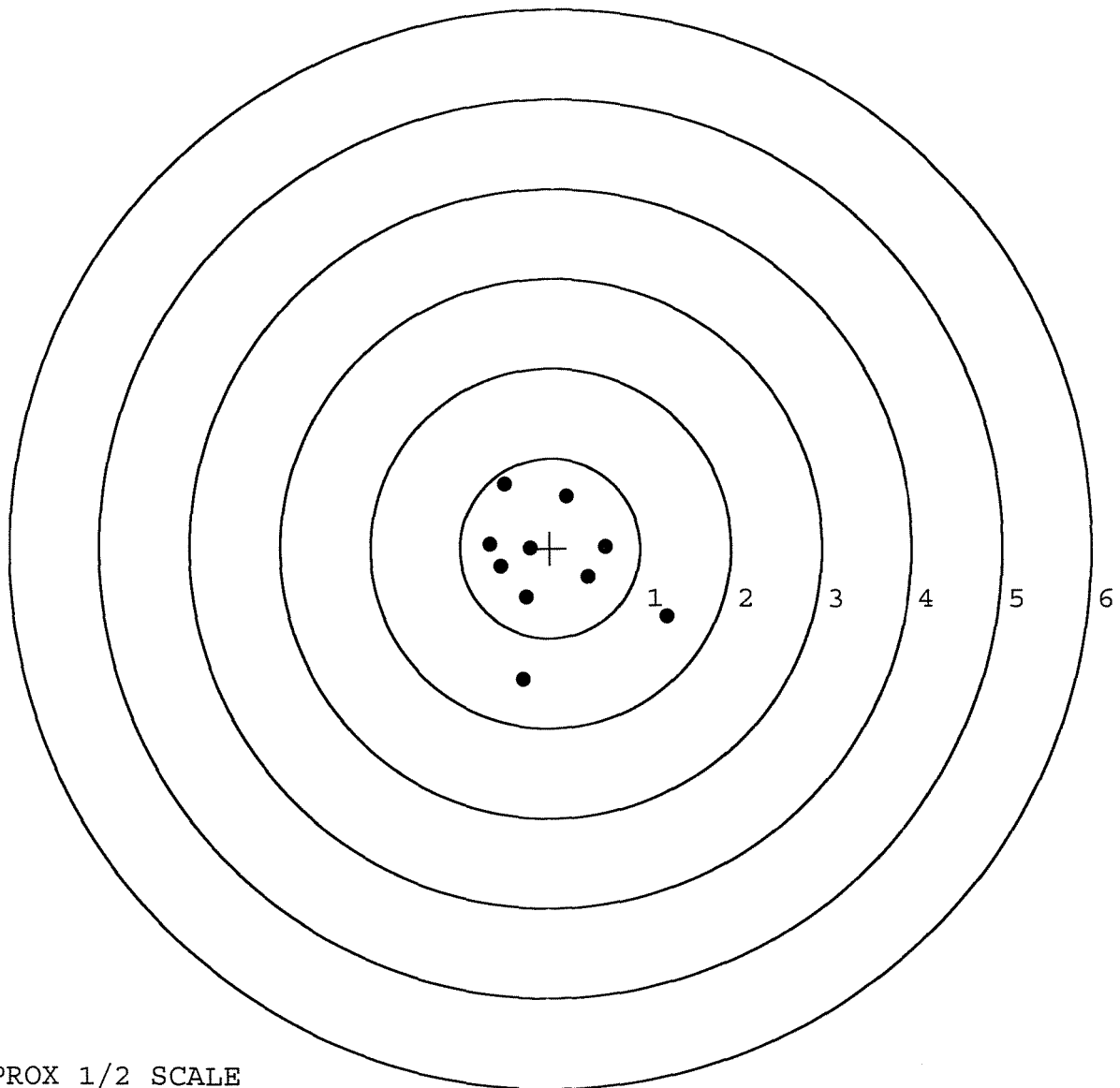
MEAN RADIUS: 0.765

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.296	-0.761
2:	-0.292	-1.464
3:	0.431	-0.323
4:	0.616	0.015
5:	0.182	0.579
6:	-0.508	0.709
7:	-0.222	-0.001
8:	-0.263	-0.550
9:	-0.550	-0.212
10:	-0.671	0.044



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300637. __1

TARGET NUMBER: 3

FILE DATE: 06/30/2006

FILE TIME: 05:45

X CENTROID: 0.014

Y CENTROID: -0.142

POA TO CENTROID: 0.143

HORZ SPREAD: 1.508

VERT SPREAD: 1.904

GROUP SPREAD: 2.295

MIN RADIUS: 0.015

MAX RADIUS: 1.166

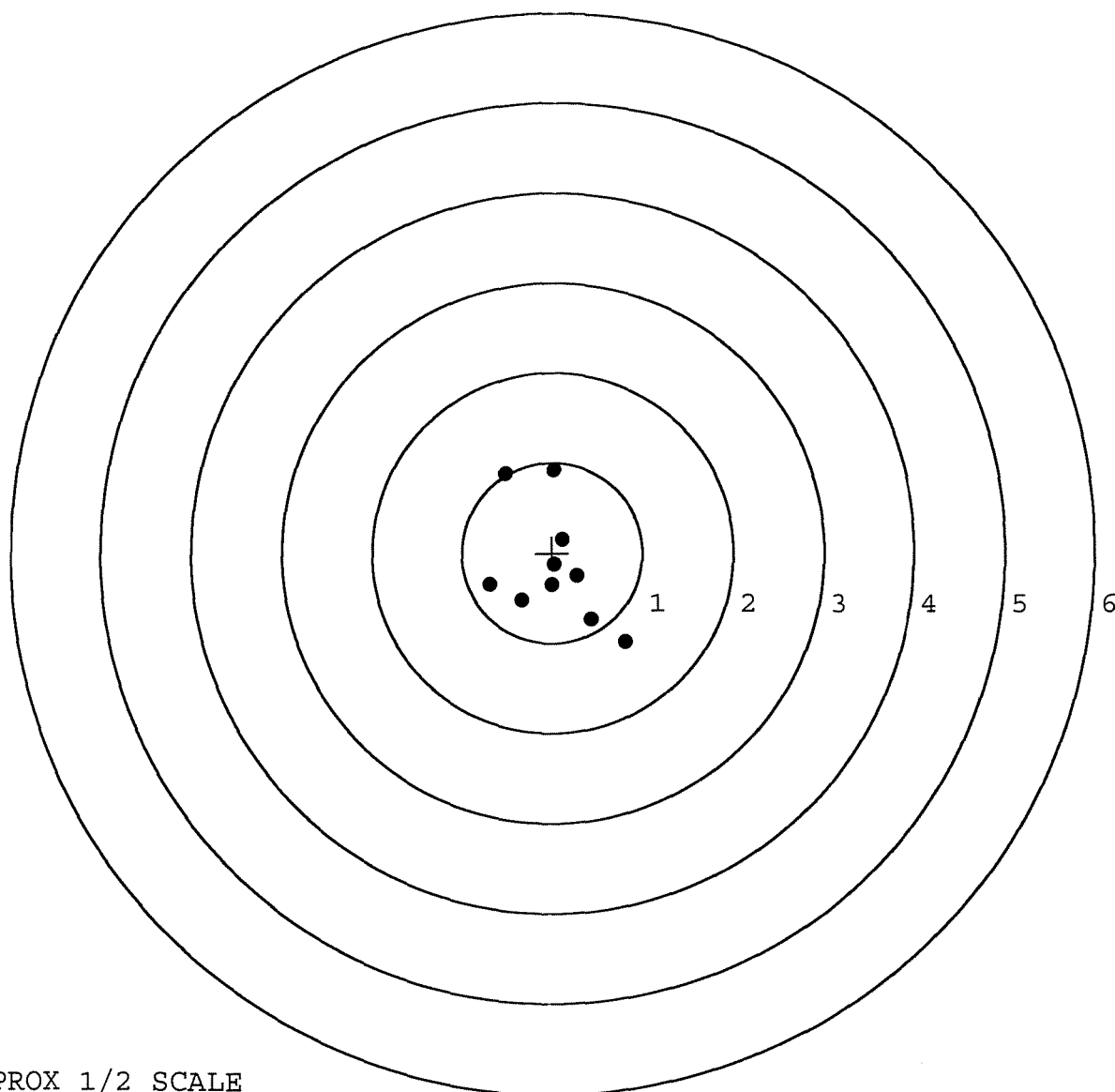
MEAN RADIUS: 0.621

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.817	-0.988
2:	0.446	-0.738
3:	-0.339	-0.533
4:	-0.691	-0.359
5:	0.119	0.149
6:	0.018	0.916
7:	-0.524	0.874
8:	0.282	-0.257
9:	0.022	-0.129
10:	-0.006	-0.357



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300637. __1

TARGET NUMBER: 4

FILE DATE: 06/30/2006

FILE TIME: 05:45

X CENTROID: -0.233

Y CENTROID: 0.023

POA TO CENTROID: 0.234

HORZ SPREAD: 2.278

VERT SPREAD: 1.760

GROUP SPREAD: 2.334

MIN RADIUS: 0.158

MAX RADIUS: 1.323

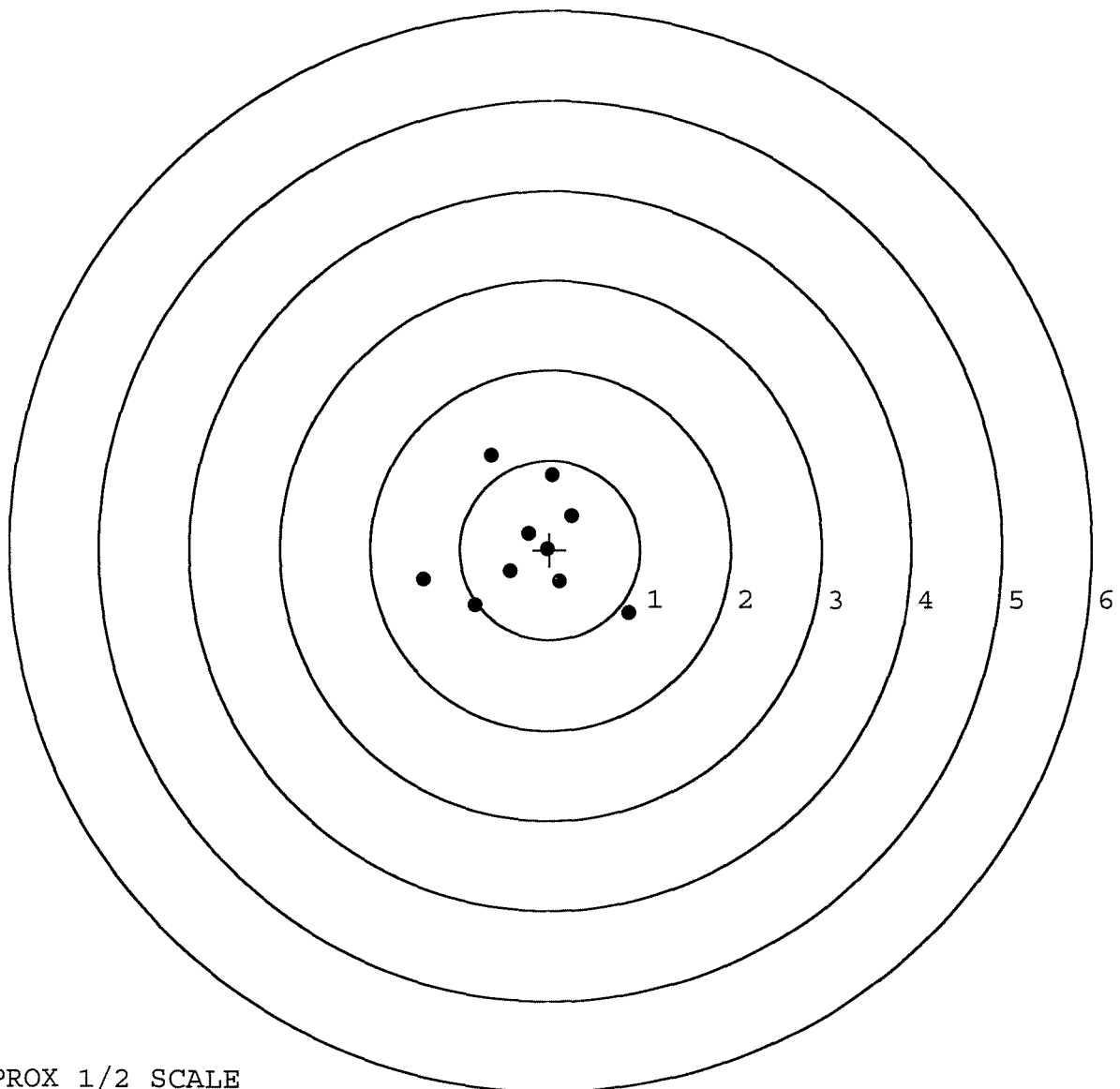
MEAN RADIUS: 0.720

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.875	-0.701
2:	-0.827	-0.616
3:	-1.403	-0.331
4:	-0.658	1.059
5:	0.029	0.837
6:	0.246	0.384
7:	-0.235	0.181
8:	-0.436	-0.241
9:	0.117	-0.354
10:	-0.033	0.011



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300637. __1

TARGET NUMBER: 5

FILE DATE: 06/30/2006

FILE TIME: 05:45

POINT#	X	Y
1:	-0.976	0.907
2:	-1.156	0.557
3:	-0.275	-0.866
4:	0.423	-0.519
5:	0.078	-0.369
6:	0.319	0.371
7:	-0.113	0.463
8:	-0.239	0.332
9:	-0.373	0.138
10:	0.244	-0.341

X CENTROID: -0.207

Y CENTROID: 0.067

POA TO CENTROID: 0.217

HORZ SPREAD: 1.579

VERT SPREAD: 1.773

GROUP SPREAD: 1.998

MIN RADIUS: 0.181

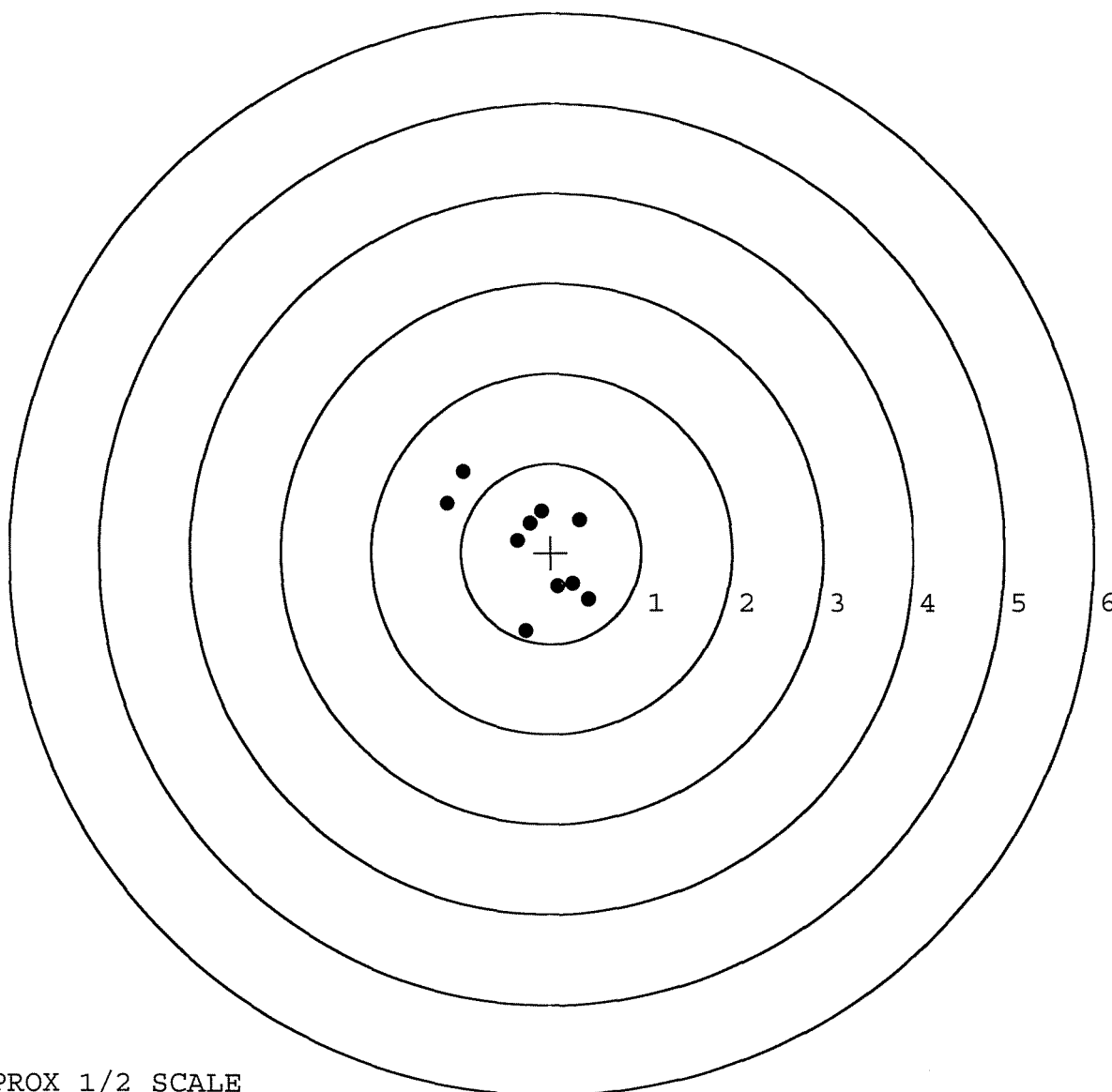
MAX RADIUS: 1.139

MEAN RADIUS: 0.659

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	112979		
SERIAL NUMBER	G6300637		
LOG-IN DATE	5-30-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-16-06	RTZ
505	RE-BARREL	6-20-06	RTZ
420	ASSEMBLE	6-20-06	RTZ
440	PROOF	MAGNA-FLUX INSPECTED 6-20-06	TRW
460	CHECK HEADSPACE	6-20-06	TRW
470	DIS-ASSEMBLE GUN	JUN 23 2006 6-21-06	RTZ
480	MAGNAFLUX	OPERATOR <i>crud</i> 6/23/06	<i>crud</i>
510	DRILL AND TAP	6-22-06	TRW
500	ROLLMARK CALIBER	6-22-06	TRW
520	GOFF BLAST BBL / REC	6-23-06	LB
530 & 540	APPLY COATINGS	6/28/06	TRB
560	FINAL ASSEMBLY	6/29/06	BLC
640	FUNCTION TEST AND	PASS FAIL	6-30-06 TRW
650	TARGET	PASS FAIL	6-30-06 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	6-30-06 R.P.
670	FINAL INSPECTION		7-5-06 mjm
	A) HEADSPACE	PASS FAIL	7-5-06 mjm
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	N/A
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	6 lbs 6 lbs 6 lbs 7-5-06 mjm
	G) SAFETY OFF FORCE	2 LBS MIN	4 lbs 4 lbs 4 lbs 7-5-06 mjm
	I) FIRING PIN INDENT	.020	.023 .023 .023 7-5-06 mjm
690	PACK		8-7-06 DA

F006 REV 5/2006

FINAL INSPECTION CHECKLIST

BARREL ASSEMBLY

BARREL

RECEIVER

FRONT SIGHT BASE

REAR SIGHT BASE

SCREWS

FINISH

SCOPE ASSEMBLY

SCOPE

SCOPE RINGS

MOUNTING SCREWS

MOUNTING BASE

SCREWS

FINISH

CLARITY

STOCK ASSEMBLY

STOCK

SLING SWIVEL STUDS

BUTT PATE

LOCK NUTS

BARREL CLEARANCE

COLOR / FINISH

SYSTEM CASE

SCOPE CASE

IRON SIGHTS

DEPLOYMENT KIT

TRIGGER ASSEMBLY

SAFETY OPERATION

RE-SET TO FACTORY
SPECS

COMMENTS: _____

F006 REV 5/2006

Repair Inquiry																
Repair Number: RE00070767		Serial: E6413464 Model 700 Center Fire Caliber: 7 62 NATO M/24 SWS														
Verify Repair		Repairman: _____ Status: Closed 9/30/2003 7:48:14 AM														
Address Information																
Customer: _____		☒ Received From		Return To: _____												
Name: C CO SPT BN		C CO SPT BN														
Address 1: SWC		SWC														
Address 2: _____ PO Box: _____		PO Box: _____														
City: FORT BRAGG		FORT BRAGG														
State: NC Zip Code: 28310 Country: US		State: NC Zip Code: 28310 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 <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Stud</td> <td>3</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>C000</td> <td>FRT AND REAR BASI</td> <td>1</td> </tr> </tbody> </table>	Code	Desc	Qty	A007	With Stud	3	A017	Scope Base	1	C000	FRT AND REAR BASI	1
Code	Desc	Qty														
A007	With Stud	3														
A017	Scope Base	1														
C000	FRT AND REAR BASI	1														
Repair Search		Refresh		Close												

Serial Number: **E6413464**

Model: **700**



RE00070767

G6300637 New

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300637.__0
FILE DATE AND TIME: 10/28/2003 18:51

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.011
The Average Y Centroid of the Five Target Set:	-0.035
The Average Point of Impact of the Five Target Set:	0.037
The Average Mean Radius of the Five Target Set:	0.778
The Distance from POA to Centroid Target #1:	0.236
The Distance from Centroid Target #2 to Centroid Target #1:	0.387
The Distance from Centroid Target #3 to Centroid Target #1:	0.358
The Distance from Centroid Target #4 to Centroid Target #1:	0.229
The Distance from Centroid Target #5 to Centroid Target #1:	0.284

SERIAL NUMBER: G6300637. __0

TARGET NUMBER: 1

FILE DATE: 10/28/2003

FILE TIME: 18:51

X CENTROID: -0.234

Y CENTROID: 0.034

POA TO CENTROID: 0.236

HORZ SPREAD: 2.870

VERT SPREAD: 3.205

GROUP SPREAD: 4.290

MIN RADIUS: 0.193

MAX RADIUS: 2.395

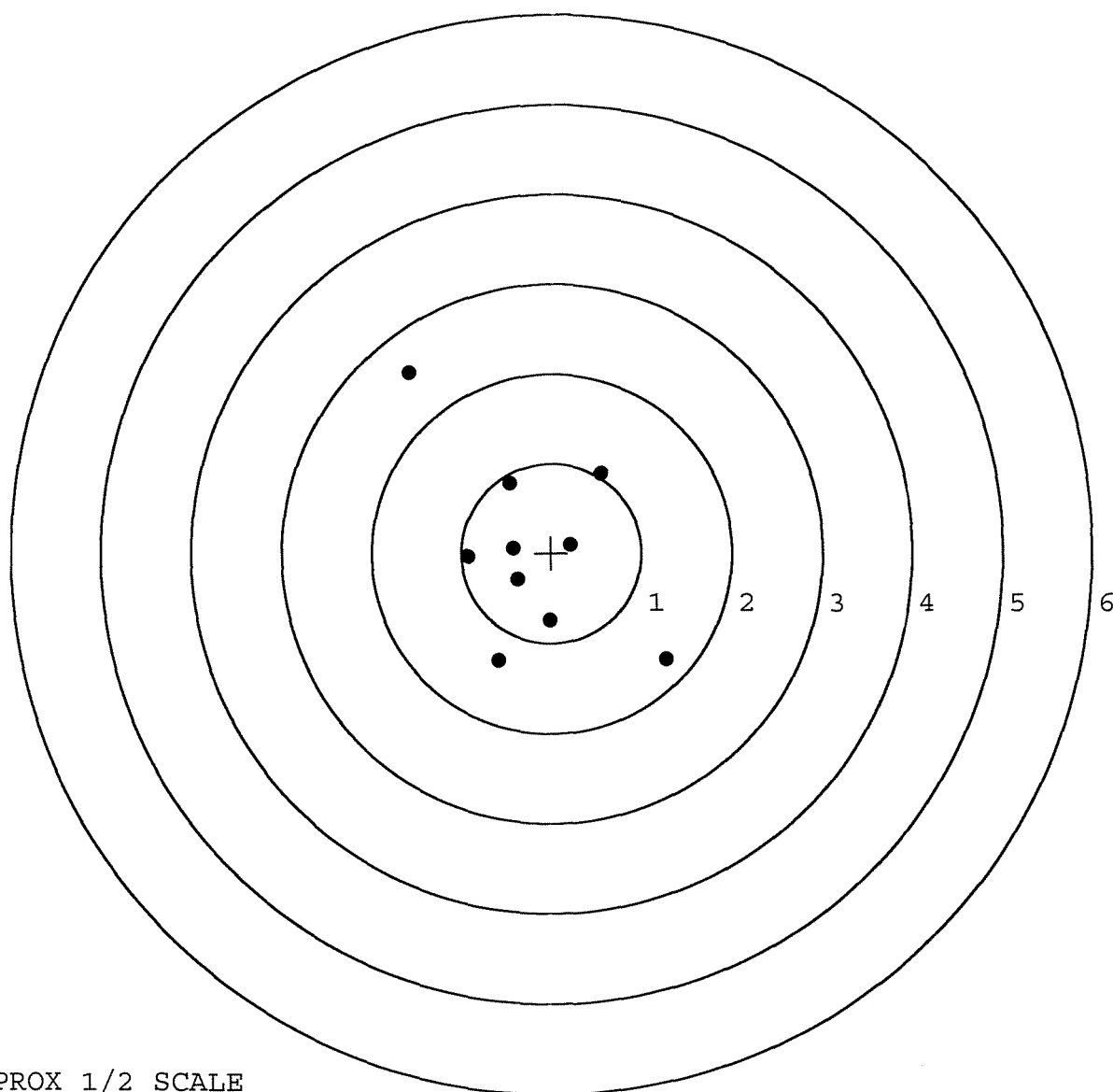
MEAN RADIUS: 1.008

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.280	-1.180
2:	-0.583	-1.197
3:	-0.018	-0.756
4:	0.216	0.091
5:	0.551	0.890
6:	-0.465	0.775
7:	-0.931	-0.044
8:	-1.590	2.008
9:	-0.373	-0.300
10:	-0.426	0.052



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300637. __0

TARGET NUMBER: 2

FILE DATE: 10/28/2003

FILE TIME: 18:51

X CENTROID: 0.152

Y CENTROID: 0.067

POA TO CENTROID: 0.166

HORZ SPREAD: 2.039

VERT SPREAD: 2.659

GROUP SPREAD: 2.802

MIN RADIUS: 0.256

MAX RADIUS: 1.840

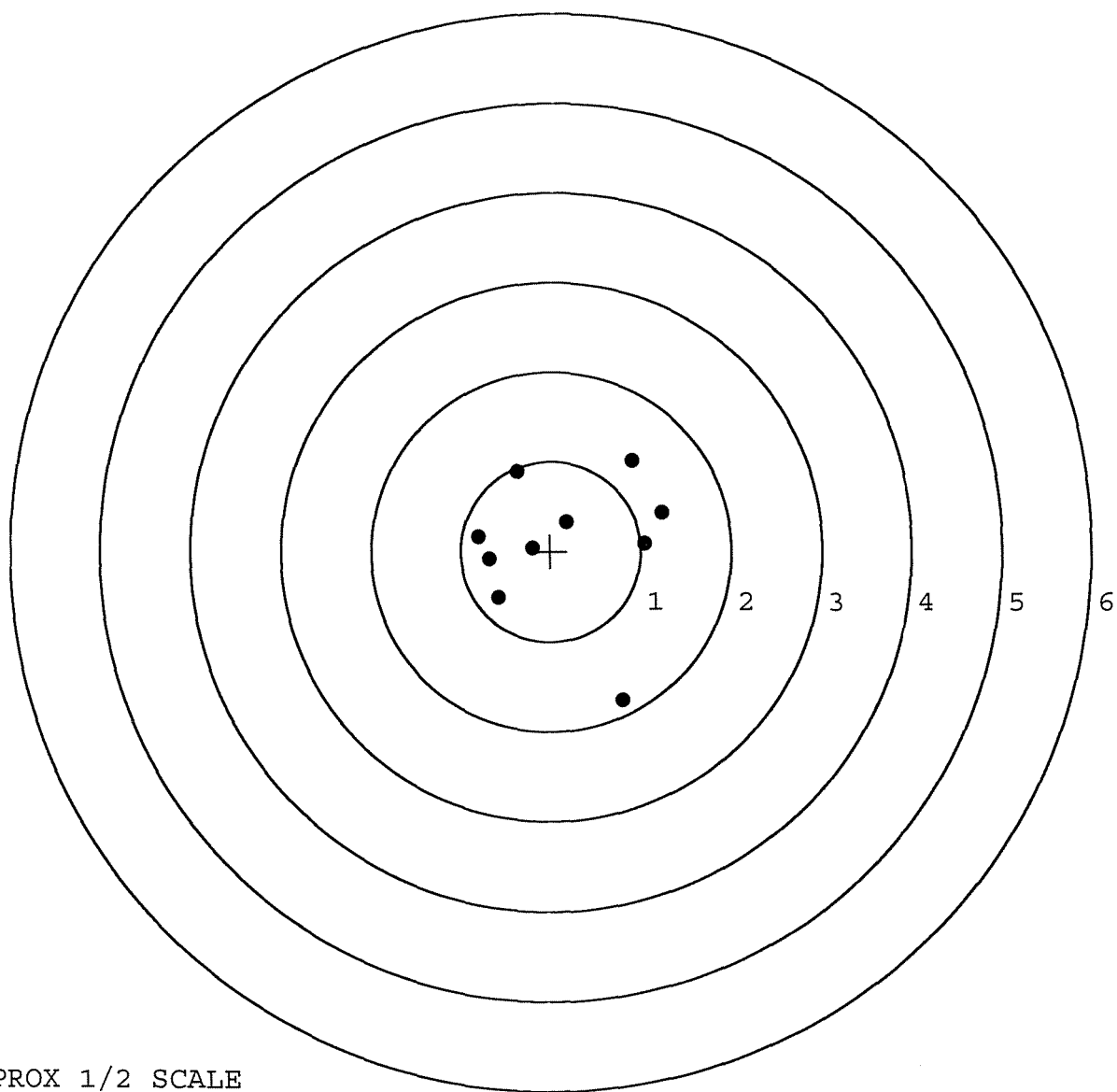
MEAN RADIUS: 0.941

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.813	-1.650
2:	1.044	0.087
3:	1.233	0.428
4:	0.897	1.009
5:	0.186	0.321
6:	-0.378	0.886
7:	-0.206	0.034
8:	-0.806	0.160
9:	-0.684	-0.087
10:	-0.579	-0.518



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300637. __0

TARGET NUMBER: 3

FILE DATE: 10/28/2003

FILE TIME: 18:51

X CENTROID: 0.051

Y CENTROID: -0.182

POA TO CENTROID: 0.189

HORZ SPREAD: 1.470

VERT SPREAD: 2.664

GROUP SPREAD: 2.669

MIN RADIUS: 0.124

MAX RADIUS: 1.557

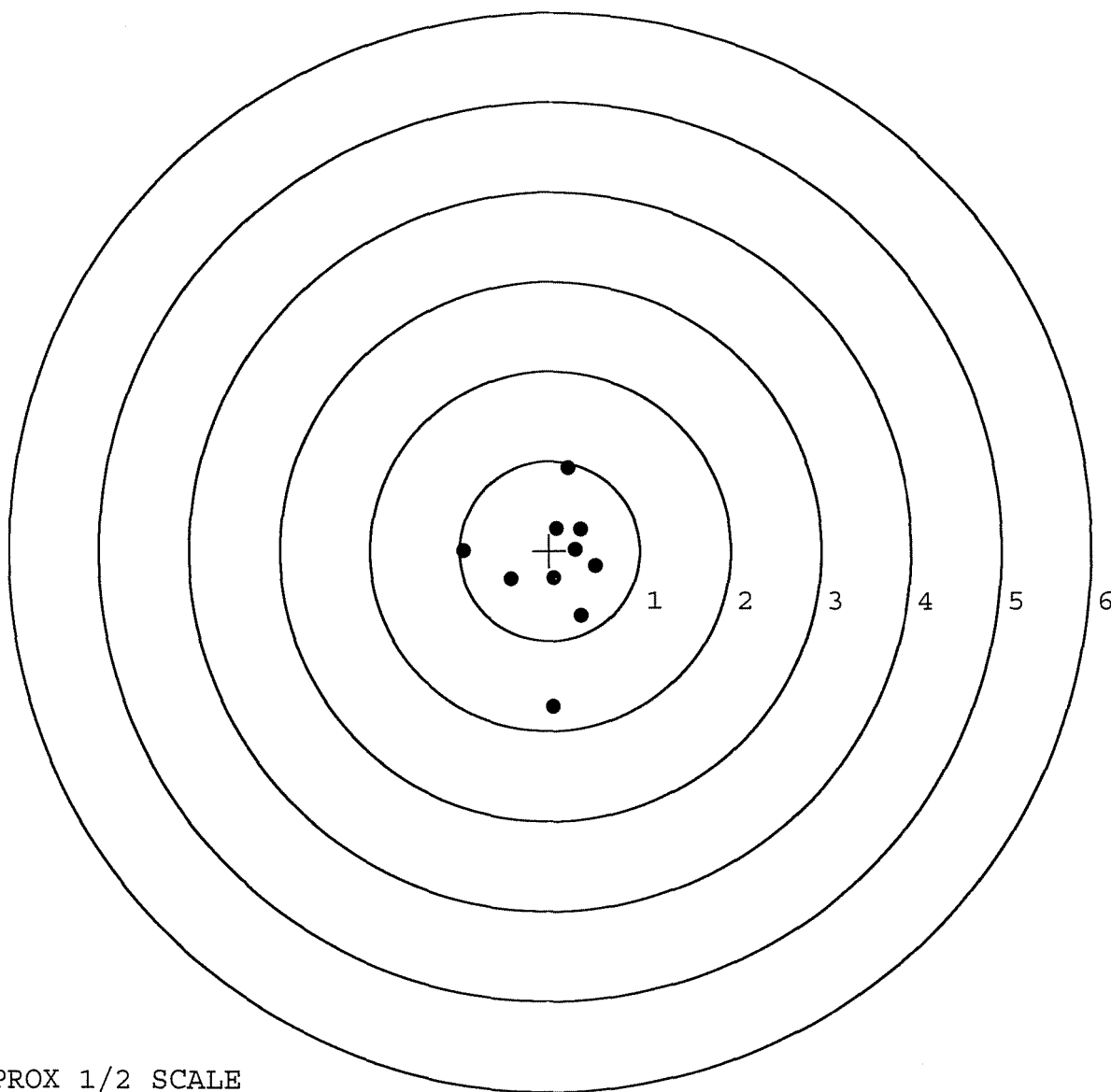
MEAN RADIUS: 0.667

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.056	-1.739
2:	0.211	0.925
3:	-0.958	-0.005
4:	-0.431	-0.319
5:	0.083	0.250
6:	0.348	0.246
7:	0.289	0.017
8:	0.512	-0.171
9:	0.047	-0.306
10:	0.356	-0.722

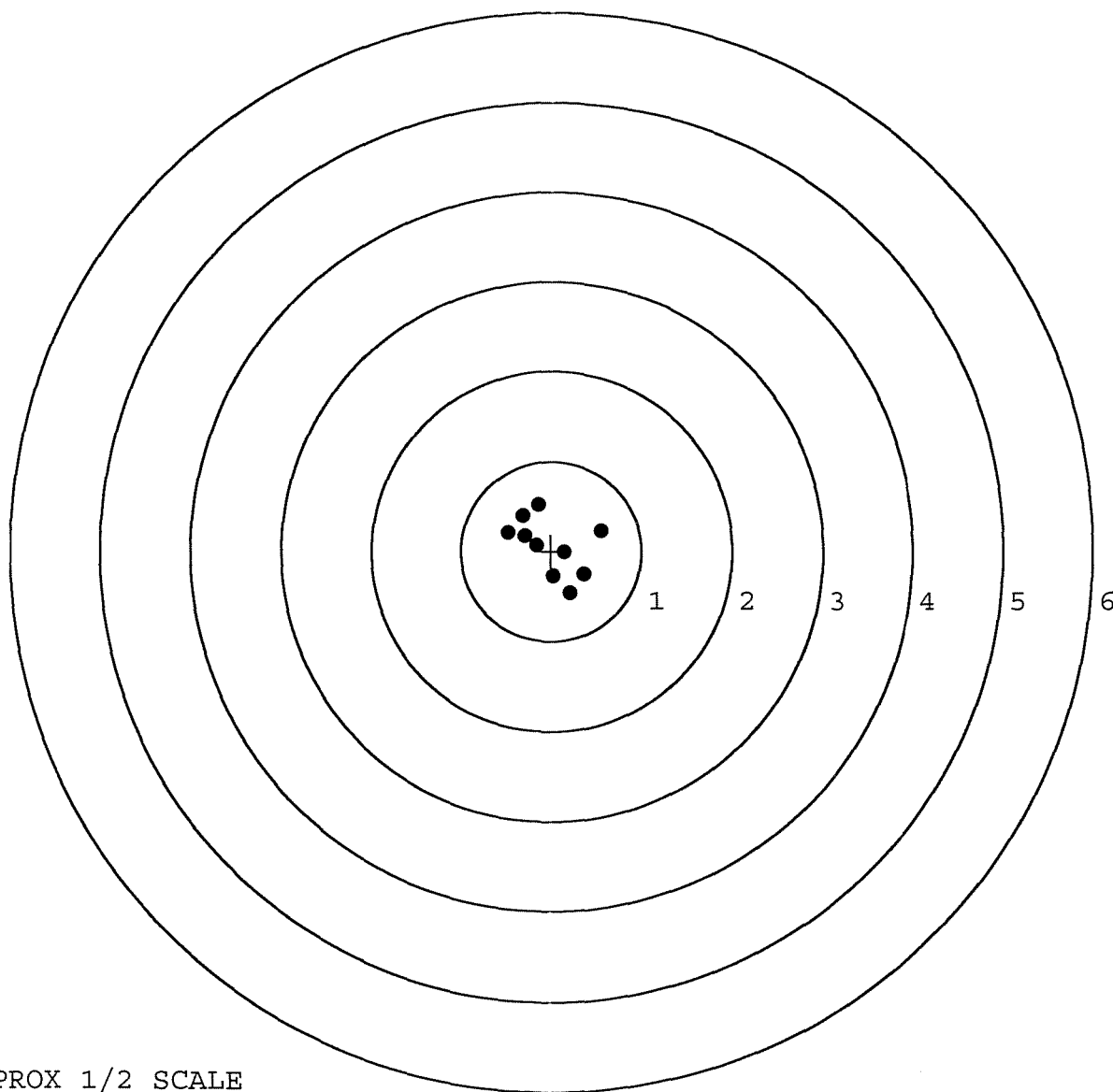


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300637. __0
TARGET NUMBER: 4
FILE DATE: 10/28/2003
FILE TIME: 18:51

X CENTROID: -0.006
Y CENTROID: 0.056
POA TO CENTROID: 0.056
HORZ SPREAD: 1.033
VERT SPREAD: 0.985
GROUP SPREAD: 1.033
MIN RADIUS: 0.157
MAX RADIUS: 0.588
MEAN RADIUS: 0.406
IN 1 IN DIAMETER: 8
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.557	0.227
2:	0.216	-0.468
3:	0.372	-0.258
4:	0.029	-0.280
5:	0.153	-0.017
6:	-0.163	0.061
7:	-0.290	0.168
8:	-0.476	0.212
9:	-0.315	0.396
10:	-0.142	0.517



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300637. __0

TARGET NUMBER: 5

FILE DATE: 10/28/2003

FILE TIME: 18:51

X CENTROID: -0.018

Y CENTROID: -0.152

POA TO CENTROID: 0.153

HORZ SPREAD: 1.376

VERT SPREAD: 2.250

GROUP SPREAD: 2.408

MIN RADIUS: 0.273

MAX RADIUS: 1.243

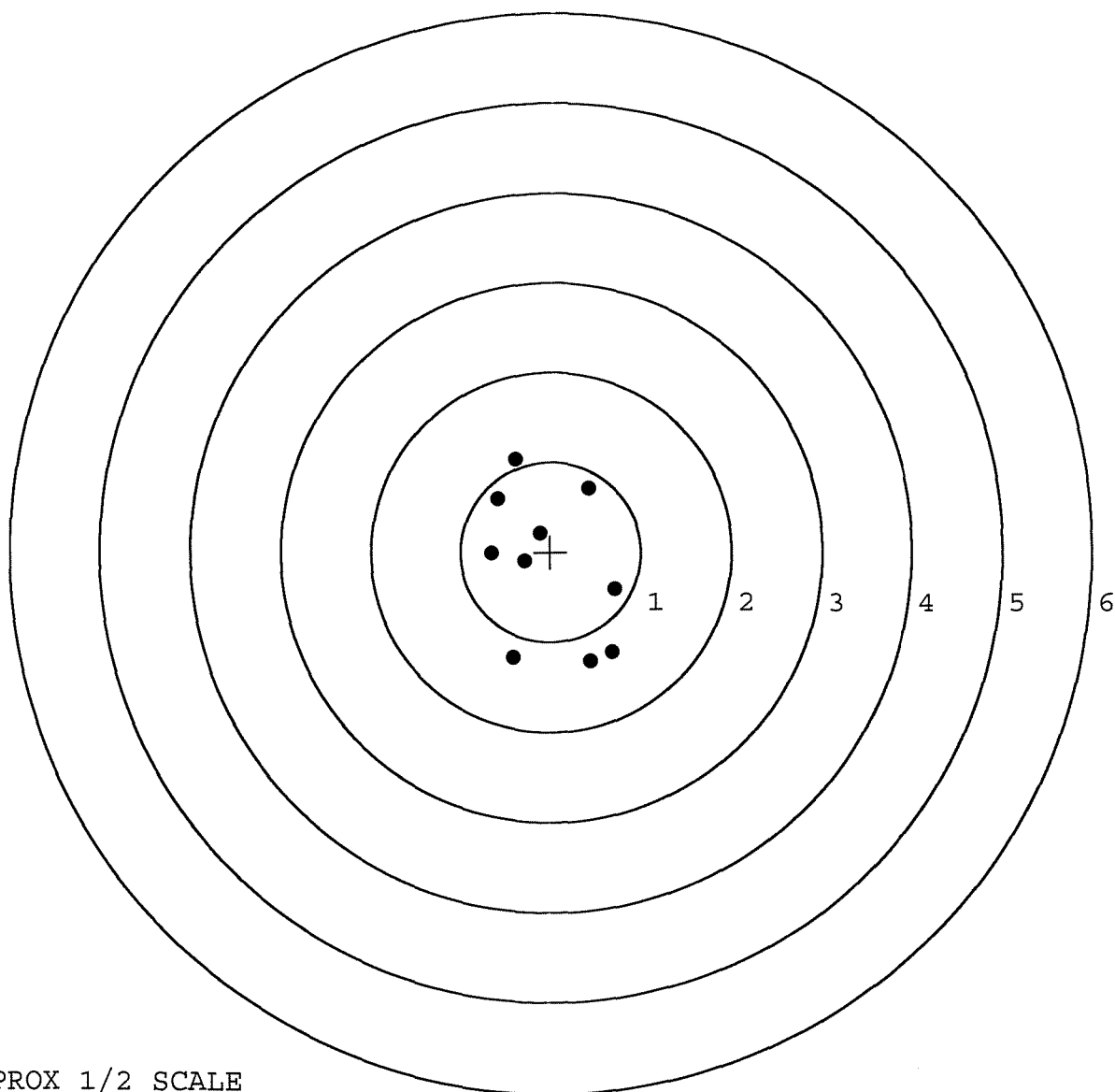
MEAN RADIUS: 0.870

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.717	-0.420
2:	0.687	-1.118
3:	0.450	-1.218
4:	-0.409	-1.183
5:	0.421	0.707
6:	-0.397	1.032
7:	-0.591	0.591
8:	-0.115	0.213
9:	-0.659	-0.016
10:	-0.288	-0.106



TARGET APPROX 1/2 SCALE

SERIAL # G6300637INSPECTED BY: RTLDATE REC'D: 9-30-03DATE RET'D: 10-29-03

ITEM

BARREL ASSEMBLY

☒ BARREL

☒ RECEIVER

☒ FRONT SIGHT BASE

☒ REAR SIGHT BASE

☒ SCREWS

☒ FINISH

SCOPE ASSEMBLY

☐ SCOPE

☐ SCOPE RINGS

☐ MOUNTING SCREWS

☐ MOUNTING BASE

☐ SCREWS

☐ FINISH

☐ CLARITY

ITEM

STOCK ASSEMBLY

☒ STOCK

☐ SLING AWIVEL STUDS

☒ ADJUSTABLE

☒ BUTT PLATE

☒ LOCK NUTS

☒ BARREL CLEARANCE

☒ COLOR / FINISH

SYSTEMS CASE

☐ SCOPE CASE

☐ IRON SIGHTS

☐ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION

☐ RE-SET TO FACTORY SPECS

COMMENTS:

R & E NUMBER	070767		
SERIAL NUMBER	E6413464 66300637		
LOG-IN DATE	10-6-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-6-03	RLW
560 A	RE-BARREL	10-8-03	RTL
B	DRILL AND TAP	10-10-03	TRW
575	ASSEMBLE	10-9-03	RTL
600	PROOF	10-9-03	AC
605	CHECK HEADSPACE	10-9-03	AC
610	DIS-ASSEMBLE GUN	10-10-03	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	10-11-03	B3
618	ROTO-BLAST	10/13/2003	Davis
620	APPLY COATINGS	10-15	TH
625 A	FINAL ASSEMBLY	10-25-03	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-28-03	TRW
655	FINAL INSPECT	10-29-03	RTL
660	PACK	10-29-03	DA
		SHIP DATE	
QAR INSPECTION DATE			