

GC300609
Replace
E6413490

Repair Number: RE00113047	Serial: G6300609 Model: M24 SWS Center Fire Caliber: 7.62 NATO	Repairman:	Status: Closed 5/31/2006 10:19:37 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 Phone: NA Fax: Email: Comments:		Received Condition Fair 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>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>A057</td> <td>Frt and Rear Sgt Base</td> <td>1</td> </tr> </tbody> </table>		Code	Desc	Qty	A007	With Stud	3	A010	Hard Case	1	A017	Scope Base	1	A057	Frt and Rear Sgt Base	1
Code	Desc	Qty																
A007	With Stud	3																
A010	Hard Case	1																
A017	Scope Base	1																
A057	Frt and Rear Sgt Base	1																
Repair Search		Refresh	Close															
haglei	5/31/2006	10:31 AM	CAPS															
NUM	INS	SCRL																

Serial Number: **G6300609**
 Model: **M24 SWS**

RE00113047

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300609.__1
FILE DATE AND TIME: 07/13/2006 17:59

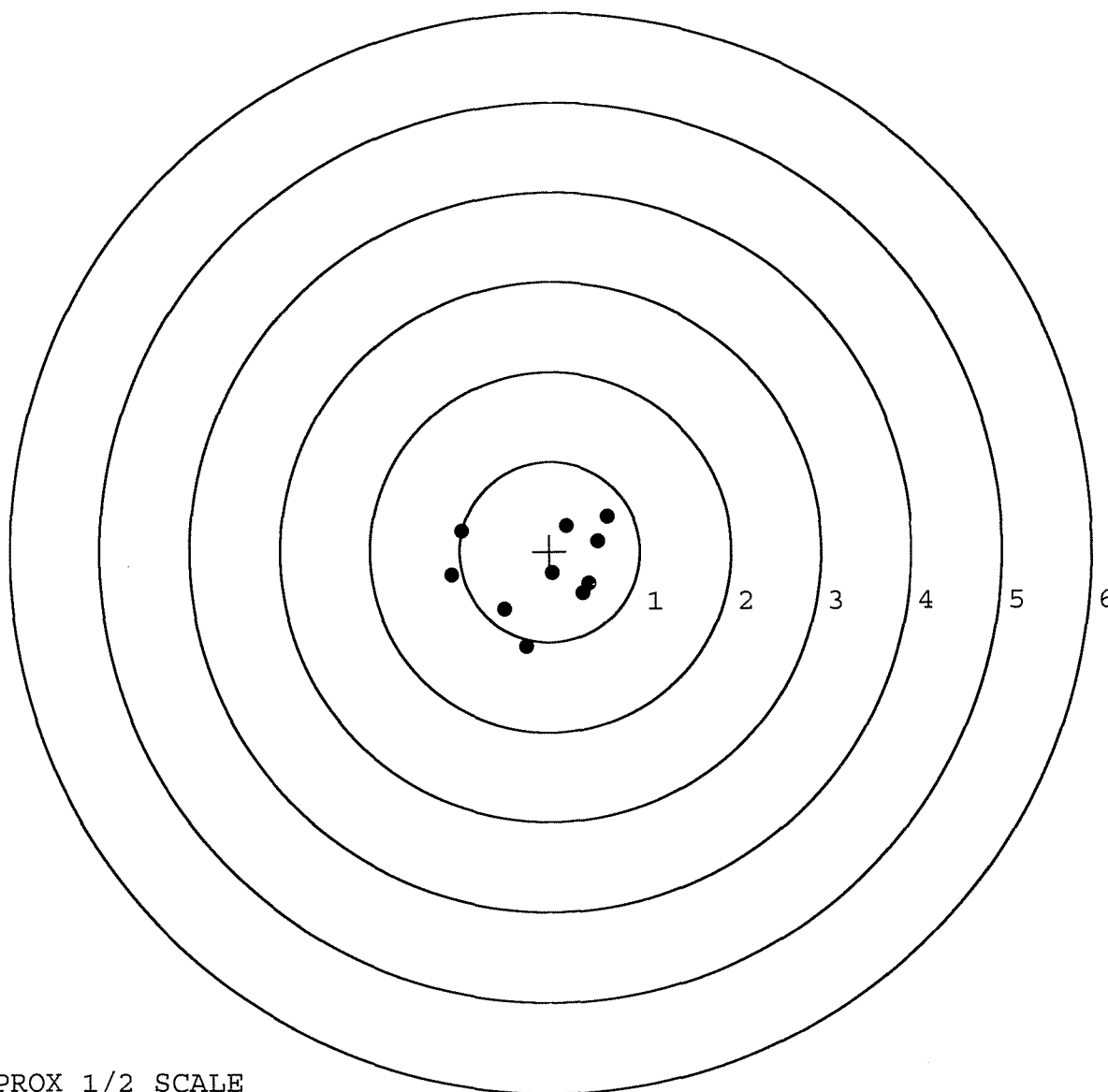
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.031
The Average Y Centroid of the Five Target Set:	0.015
The Average Point of Impact of the Five Target Set:	0.034
The Average Mean Radius of the Five Target Set:	0.594
The Distance from POA to Centroid Target #1:	0.211
The Distance from Centroid Target #2 to Centroid Target #1:	0.290
The Distance from Centroid Target #3 to Centroid Target #1:	0.388
The Distance from Centroid Target #4 to Centroid Target #1:	0.539
The Distance from Centroid Target #5 to Centroid Target #1:	0.156

SERIAL NUMBER: G6300609. __1
 TARGET NUMBER: 1
 FILE DATE: 07/13/2006
 FILE TIME: 17:59

X CENTROID: -0.062
 Y CENTROID: -0.202
 POA TO CENTROID: 0.211
 HORZ SPREAD: 1.724
 VERT SPREAD: 1.449
 GROUP SPREAD: 1.847
 MIN RADIUS: 0.101
 MAX RADIUS: 1.028
 MEAN RADIUS: 0.681
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.975	0.222
2:	-1.087	-0.271
3:	-0.504	-0.644
4:	-0.257	-1.058
5:	0.373	-0.462
6:	0.029	-0.246
7:	0.439	-0.359
8:	0.535	0.120
9:	0.192	0.285
10:	0.637	0.391

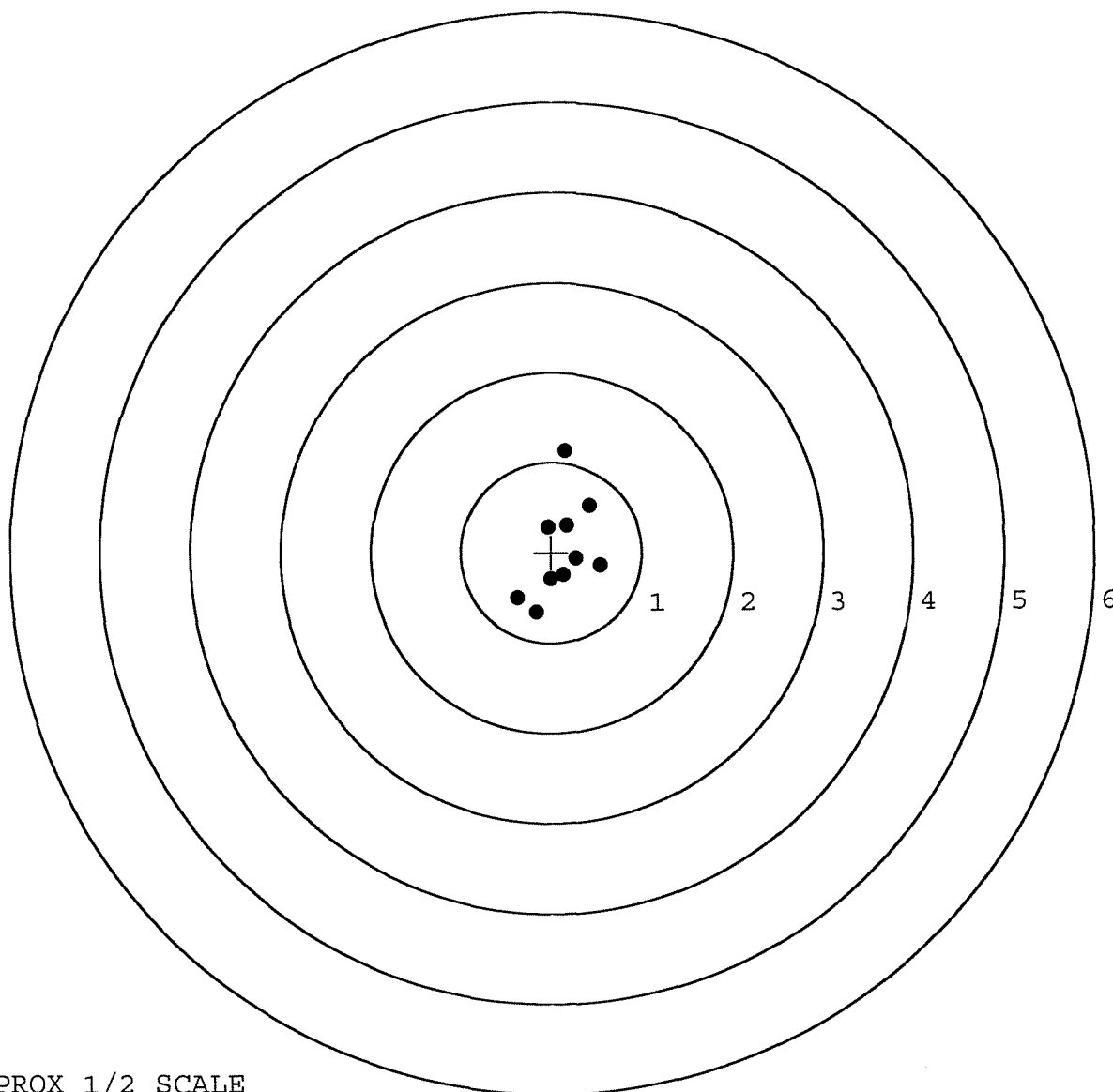


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300609. __1
 TARGET NUMBER: 2
 FILE DATE: 07/13/2006
 FILE TIME: 17:59

POINT#	X	Y
1:	0.159	1.125
2:	0.424	0.514
3:	-0.036	0.277
4:	0.177	0.297
5:	0.546	-0.143
6:	0.278	-0.062
7:	0.137	-0.253
8:	-0.008	-0.300
9:	-0.376	-0.501
10:	-0.172	-0.661

X CENTROID: 0.113
 Y CENTROID: 0.029
 POA TO CENTROID: 0.117
 HORZ SPREAD: 0.922
 VERT SPREAD: 1.786
 GROUP SPREAD: 1.816
 MIN RADIUS: 0.189
 MAX RADIUS: 1.097
 MEAN RADIUS: 0.499
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

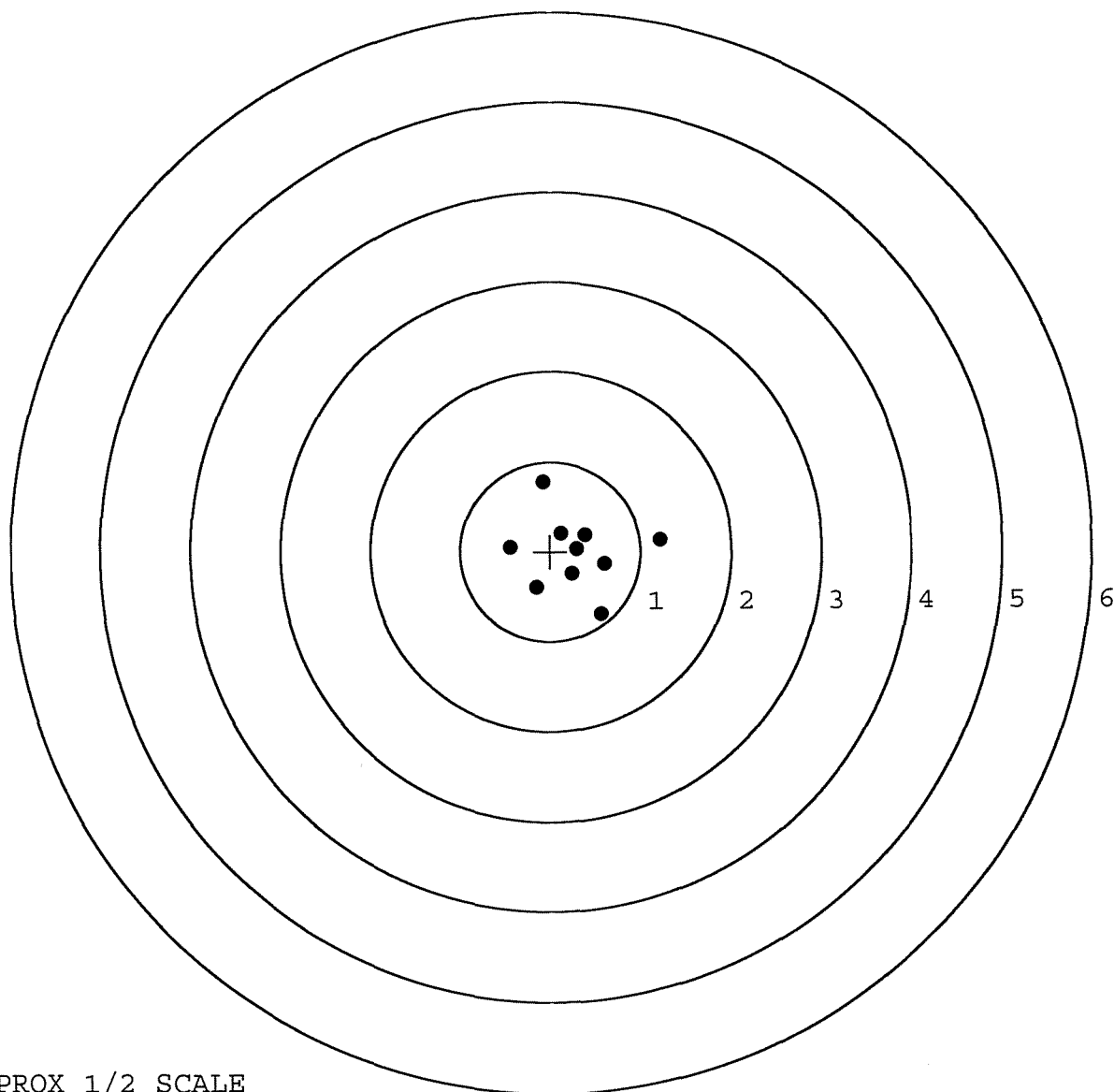


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300609. __1
 TARGET NUMBER: 3
 FILE DATE: 07/13/2006
 FILE TIME: 17:59

X CENTROID: 0.275
 Y CENTROID: -0.011
 POA TO CENTROID: 0.275
 HORZ SPREAD: 1.663
 VERT SPREAD: 1.474
 GROUP SPREAD: 1.665
 MIN RADIUS: 0.046
 MAX RADIUS: 0.954
 MEAN RADIUS: 0.501
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.083	0.777
2:	-0.444	0.047
3:	-0.160	-0.401
4:	0.122	0.203
5:	0.244	-0.253
6:	0.393	0.193
7:	0.600	-0.134
8:	0.566	-0.697
9:	1.219	0.128
10:	0.294	0.031



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300609. __1

TARGET NUMBER: 4

FILE DATE: 07/13/2006

FILE TIME: 17:59

X CENTROID: -0.182

Y CENTROID: 0.323

POA TO CENTROID: 0.371

HORZ SPREAD: 1.243

VERT SPREAD: 2.222

GROUP SPREAD: 2.383

MIN RADIUS: 0.179

MAX RADIUS: 1.509

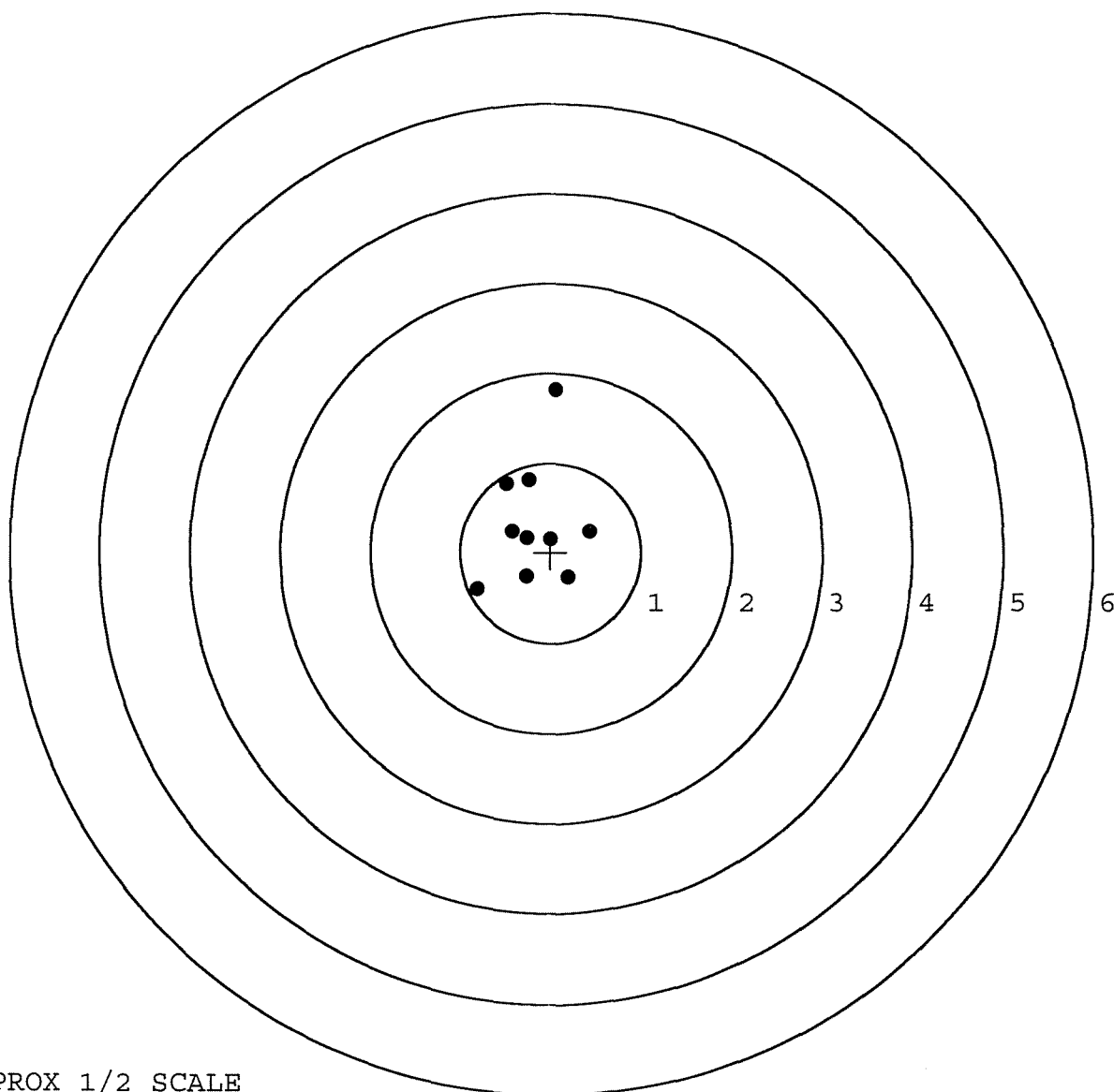
MEAN RADIUS: 0.612

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.052	1.814
2:	-0.246	0.812
3:	-0.489	0.770
4:	-0.425	0.238
5:	-0.001	0.151
6:	0.435	0.237
7:	0.195	-0.276
8:	-0.271	-0.267
9:	-0.808	-0.408
10:	-0.263	0.164



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300609. __1

TARGET NUMBER: 5

FILE DATE: 07/13/2006

FILE TIME: 17:59

POINT#	X	Y
1:	-0.507	-0.121
2:	-0.588	0.372
3:	-0.226	0.586
4:	0.182	0.491
5:	0.422	0.480
6:	0.565	0.252
7:	0.417	-0.099
8:	-0.158	-0.632
9:	-0.301	-0.856
10:	0.296	-1.109

X CENTROID: 0.010

Y CENTROID: -0.064

POA TO CENTROID: 0.064

HORZ SPREAD: 1.153

VERT SPREAD: 1.695

GROUP SPREAD: 1.774

MIN RADIUS: 0.408

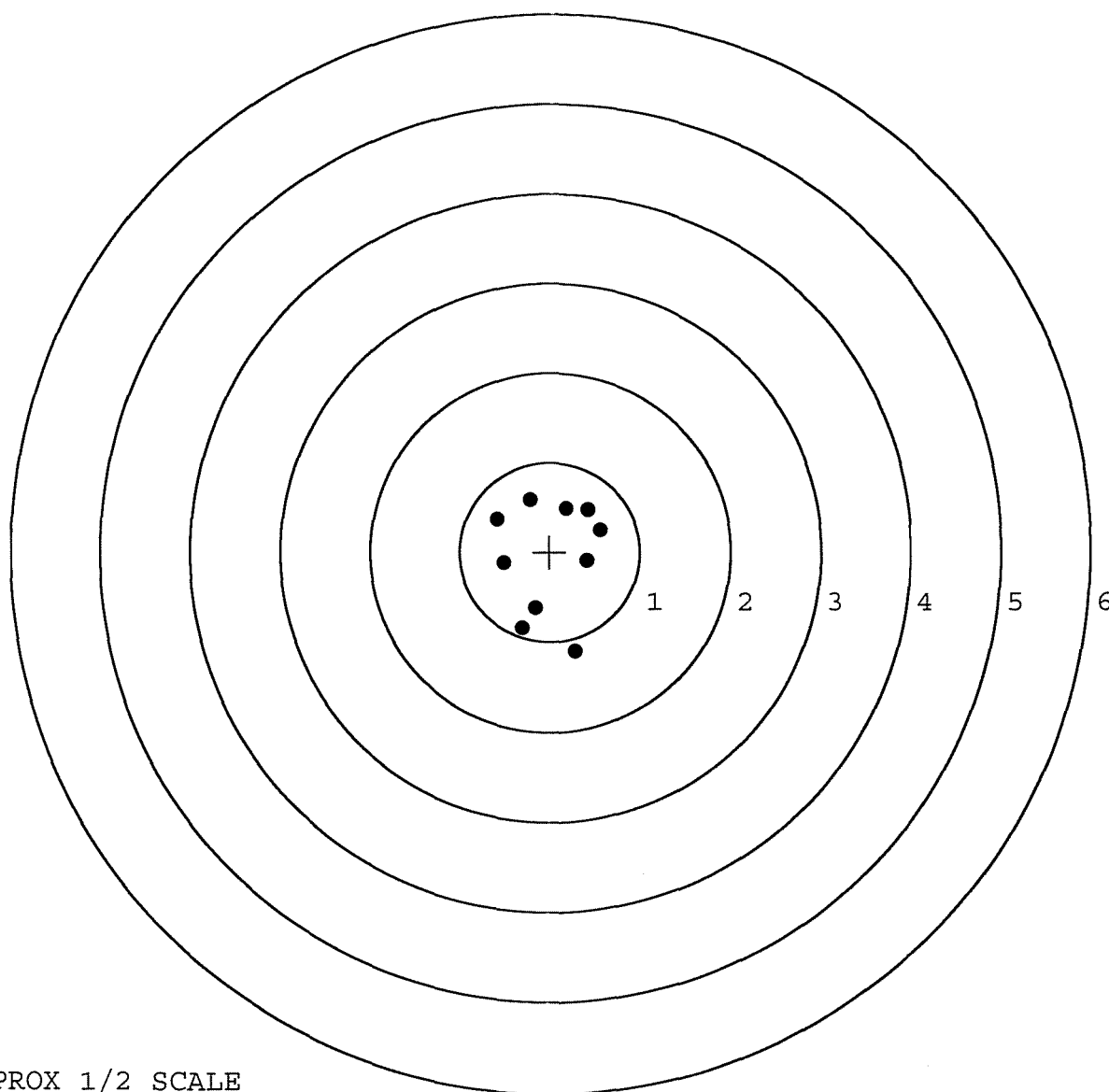
MAX RADIUS: 1.084

MEAN RADIUS: 0.679

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	113047		Long Bragg	
SERIAL NUMBER	G6300609			
LOG-IN DATE	5-31-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		6-13-06	AC
505	RE-BARREL		6-15-06	AC
560	ASSEMBLE		6-22-06	AC
600	PROOF	MAGNA-FLUX	6-22-06	AC
605	CHECK HEADSPACE	INSPECTED	6-22-06	AC
610	DIS-ASSEMBLE GUN	JUN 27 2006	6-22-06	AC
612	MAGNAFLUX	OPERATOR <u>ARD</u>	6-22-06	ARD
510	DRILL AND TAP		6-26-06	TRW
615	ROLLMARK CALIBER		6-27-06	CW
618	ROTO-BLAST		6-29-06	LB
620	APPLY COATINGS		7-6	HP
625	FINAL ASSEMBLY		7-12-06	AC
640	FUNCTION TEST AND	PASS FAIL	7-13-06	MTM
650	TARGET	PASS FAIL	7-13-06	MTM
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		7-17-06	AC
	A) HEADSPACE	PASS FAIL	7-17-06	AC
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.74 2.70 2.68 2.78 2.76 7-14-06	RA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	8.2 8.2 8.2 7-14-06	RA
	G) SAFETY OFF FORCE	2 LBS MIN	5.2 5.5 5.5 7-14-06	RA
	I) FIRING PIN INDENT	.020	.020 .021 .020 7-14-06	RA
690	PACK		8-4-06	RA

Repair Inquiry															
Repair Number: RE00070770	Serial: E6413490 Model 700 Center Fire Caliber: 7 62 NATO M/24 SWS	Repairman: 	Status: Closed 9/30/2003 7:48:31 AM												
Address Information															
Customer: 		☒ Received From 													
Name: C CO SPT BN		Return To: 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												
Contact Information Phone: Fax: Email: Comments:	Received Condition Good Condition Notes: CSR Notes:		Accessories Received <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Code</th> <th style="width: 65%;">Desc</th> <th style="width: 20%;">Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Stud</td> <td style="text-align: center;">3</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td style="text-align: center;">1</td> </tr> <tr> <td>C000</td> <td>FRT AND REAR BAS</td> <td style="text-align: center;">1</td> </tr> </tbody> </table>	Code	Desc	Qty	A007	With Stud	3	A017	Scope Base	1	C000	FRT AND REAR BAS	1
Code	Desc	Qty													
A007	With Stud	3													
A017	Scope Base	1													
C000	FRT AND REAR BAS	1													
Repair Search Refresh Close															

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300609.___0
FILE DATE AND TIME: 10/28/2003 10:24

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.082
The Average Y Centroid of the Five Target Set:	0.131
The Average Point of Impact of the Five Target Set:	0.155
The Average Mean Radius of the Five Target Set:	0.623
The Distance from POA to Centroid Target #1:	0.158
The Distance from Centroid Target #2 to Centroid Target #1:	0.280
The Distance from Centroid Target #3 to Centroid Target #1:	0.666
The Distance from Centroid Target #4 to Centroid Target #1:	0.179
The Distance from Centroid Target #5 to Centroid Target #1:	0.529

SERIAL NUMBER: G6300609. __0

TARGET NUMBER: 1

FILE DATE: 10/28/2003

FILE TIME: 10:24

POINT#	X	Y
1:	0.086	0.943
2:	0.253	0.319
3:	-0.462	0.405
4:	-0.378	-0.169
5:	-0.642	-0.361
6:	-1.401	-0.302
7:	-1.020	-1.037
8:	0.272	-0.344
9:	0.990	-0.156
10:	1.421	-0.615

X CENTROID: -0.088

Y CENTROID: -0.132

POA TO CENTROID: 0.158

HORZ SPREAD: 2.822

VERT SPREAD: 1.980

GROUP SPREAD: 2.839

MIN RADIUS: 0.292

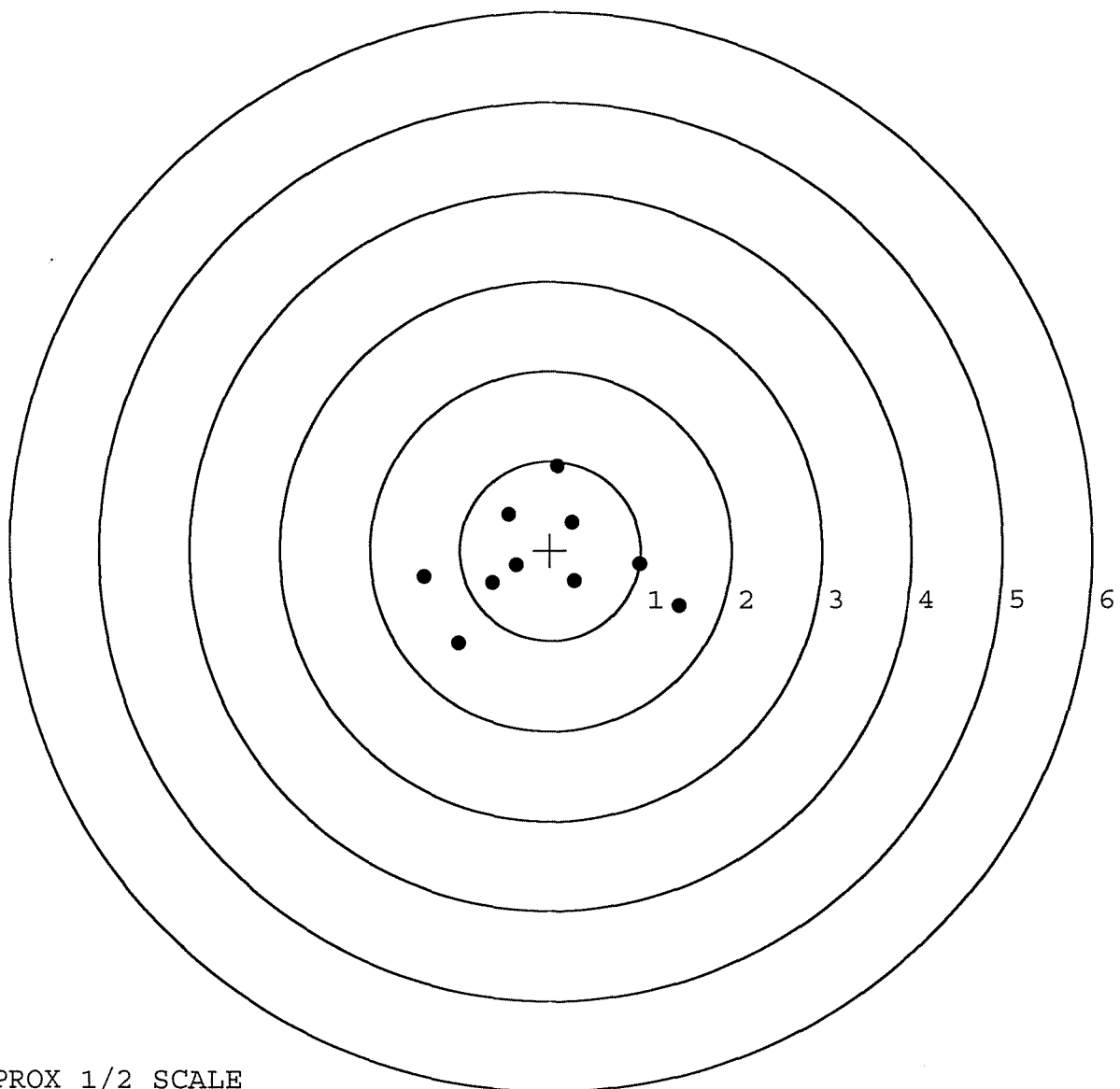
MAX RADIUS: 1.585

MEAN RADIUS: 0.890

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9

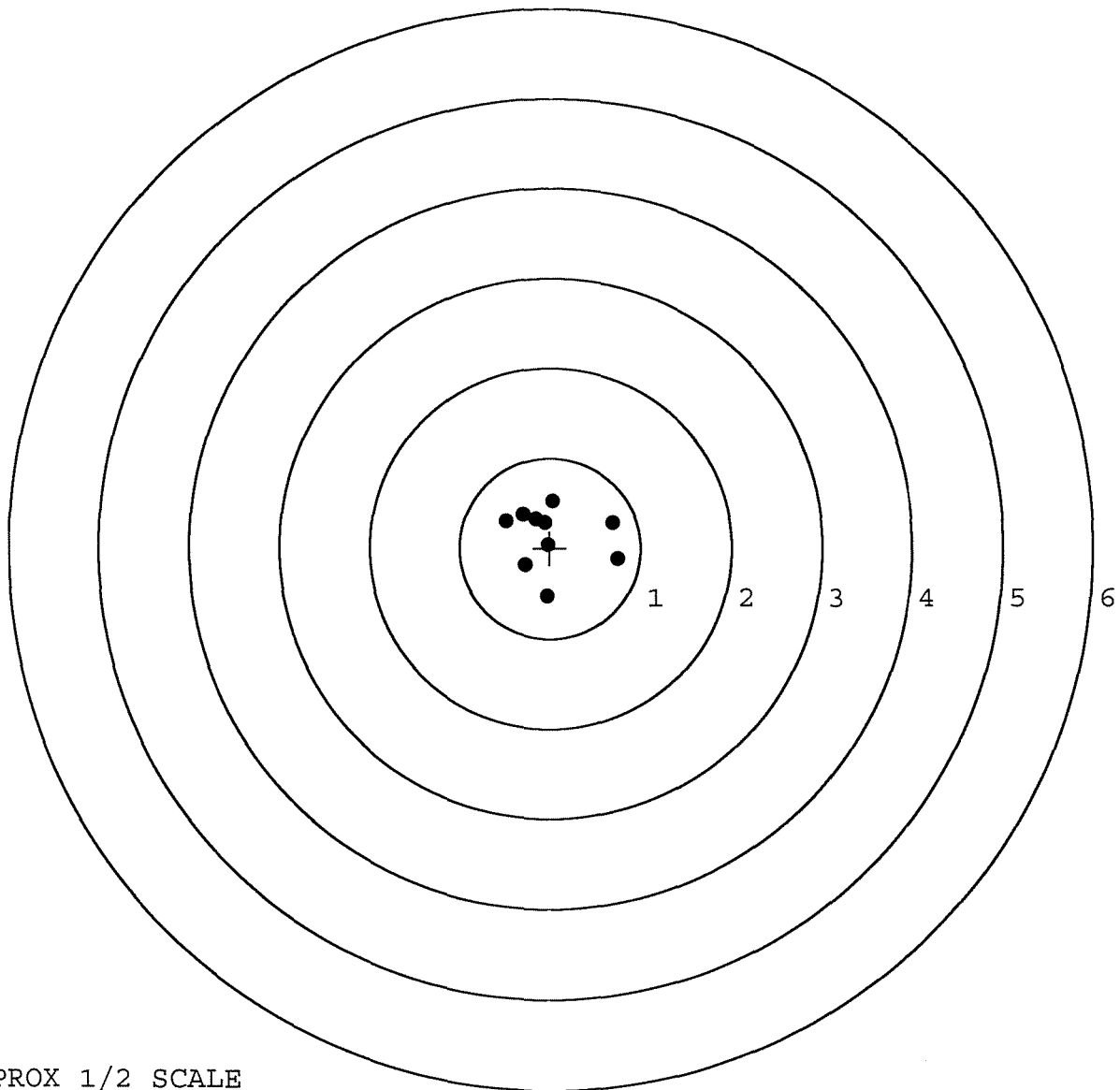


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300609. __0
 TARGET NUMBER: 2
 FILE DATE: 10/28/2003
 FILE TIME: 10:24

X CENTROID: 0.015
 Y CENTROID: 0.129
 POA TO CENTROID: 0.130
 HORZ SPREAD: 1.237
 VERT SPREAD: 1.063
 GROUP SPREAD: 1.305
 MIN RADIUS: 0.101
 MAX RADIUS: 0.778
 MEAN RADIUS: 0.443
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.697	0.286
2:	0.751	-0.122
3:	-0.274	-0.187
4:	-0.033	-0.537
5:	-0.486	0.294
6:	-0.297	0.380
7:	0.029	0.526
8:	-0.022	0.035
9:	-0.056	0.286
10:	-0.159	0.326

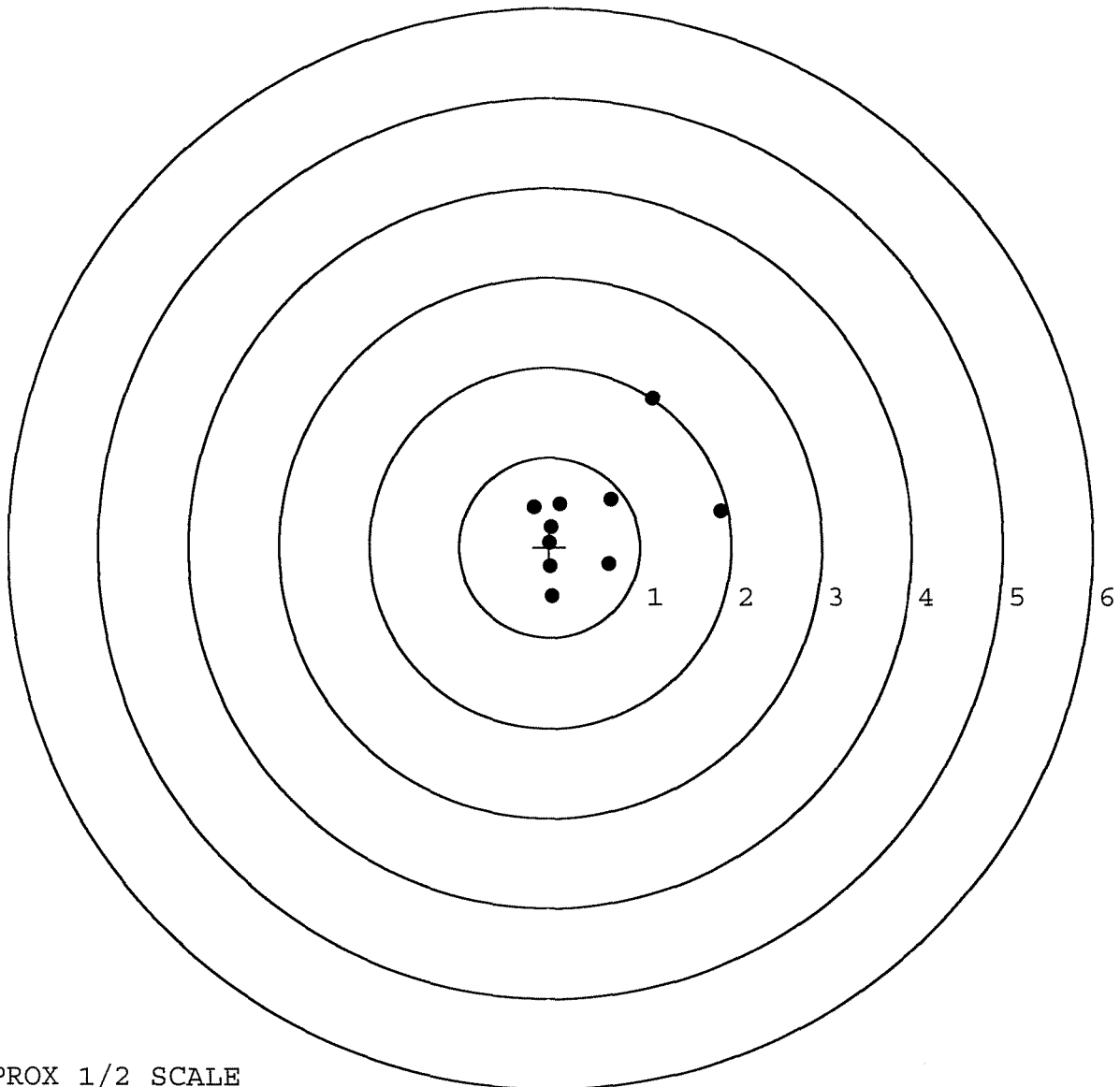


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300609. __0
 TARGET NUMBER: 3
 FILE DATE: 10/28/2003
 FILE TIME: 10:24

POINT#	X	Y
1:	1.128	1.654
2:	0.680	0.530
3:	1.875	0.402
4:	0.656	-0.192
5:	0.116	0.483
6:	-0.178	0.440
7:	0.024	0.220
8:	0.034	-0.549
9:	0.007	-0.218
10:	-0.003	0.049

X CENTROID: 0.434
 Y CENTROID: 0.282
 POA TO CENTROID: 0.517
 HORZ SPREAD: 2.053
 VERT SPREAD: 2.203
 GROUP SPREAD: 2.460
 MIN RADIUS: 0.349
 MAX RADIUS: 1.538
 MEAN RADIUS: 0.735
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300609. __0

TARGET NUMBER: 4

FILE DATE: 10/28/2003

FILE TIME: 10:24

POINT#	X	Y
1:	-0.071	0.592
2:	-0.296	0.321
3:	-0.434	0.064
4:	0.136	0.397
5:	-0.012	0.084
6:	0.098	-0.464
7:	0.213	-0.652
8:	0.707	-0.295
9:	0.160	-0.263
10:	-0.048	0.098

X CENTROID: 0.045

Y CENTROID: -0.012

POA TO CENTROID: 0.047

HORZ SPREAD: 1.141

VERT SPREAD: 1.244

GROUP SPREAD: 1.196

MIN RADIUS: 0.112

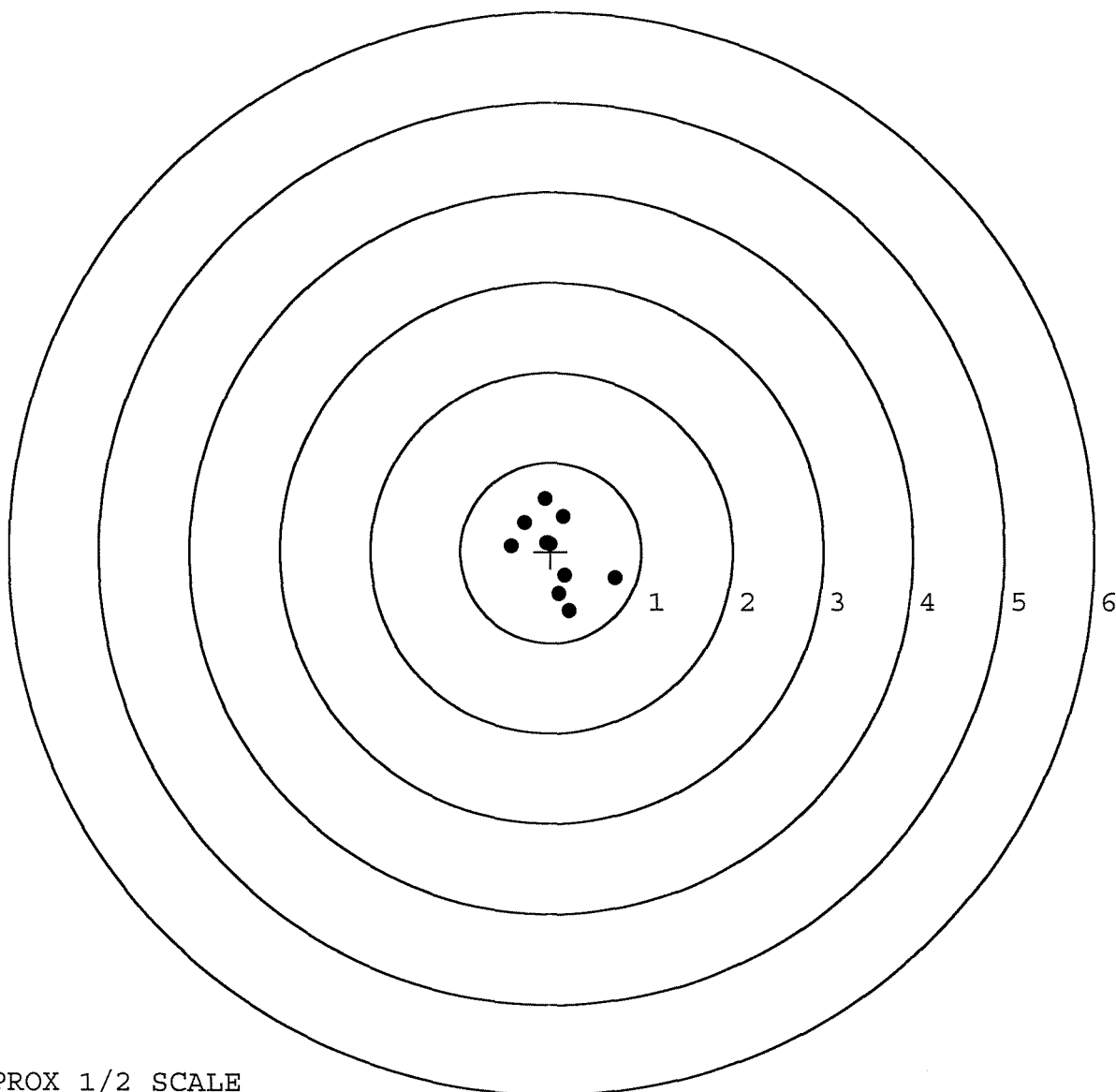
MAX RADIUS: 0.720

MEAN RADIUS: 0.436

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300609. __0

TARGET NUMBER: 5

FILE DATE: 10/28/2003

FILE TIME: 10:24

POINT#	X	Y
1:	-0.345	1.269
2:	-0.343	0.877
3:	0.133	0.774
4:	0.382	0.587
5:	0.864	0.362
6:	0.586	-0.004
7:	-0.305	0.142
8:	-0.674	-0.029
9:	0.005	-0.139
10:	-0.286	0.054

X CENTROID: 0.002

Y CENTROID: 0.389

POA TO CENTROID: 0.389

HORZ SPREAD: 1.538

VERT SPREAD: 1.408

GROUP SPREAD: 1.577

MIN RADIUS: 0.394

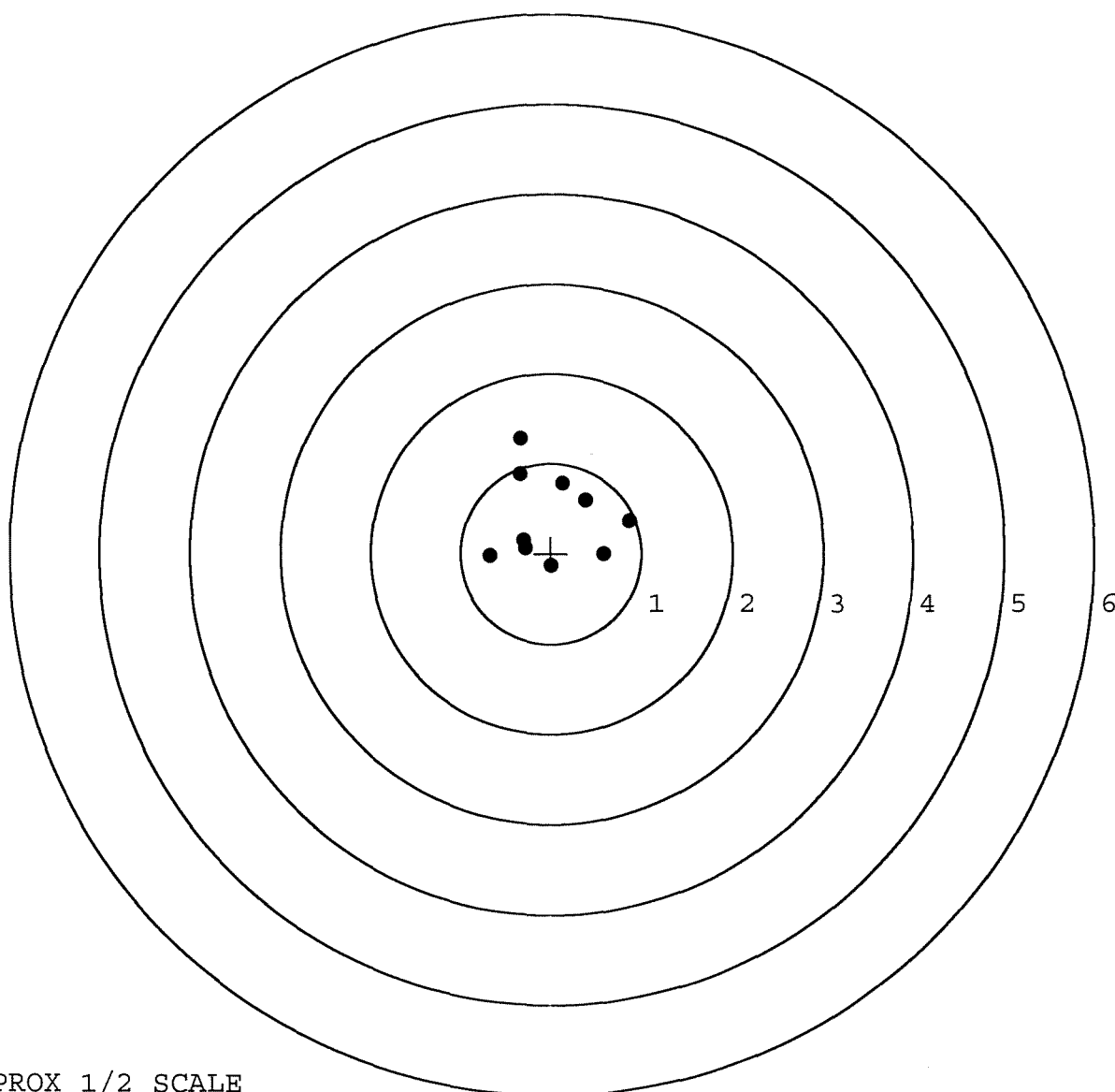
MAX RADIUS: 0.946

MEAN RADIUS: 0.610

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL #

E6413490
G6300609 New

INSPECTED BY:

RTL

DATE REC'D:

9-30-03

DATE 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	070770		
SERIAL NUMBER	E6413490 G6300609		
LOG-IN DATE	10-7-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-7-03	RW
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	10-11-03	B3
615	ROLLMARK CALIBER	10-13-03	DNS
618	ROTO-BLAST	10-15	TA
620	APPLY COATINGS	10-24-03	RW
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-28-03	AC
655	FINAL INSPECT	10-29-03	RTL
660	PACK	10-29-03	RA
		SHIP DATE	
QAR INSPECTION DATE			