

G-6234138

Repair Inquiry

Repair Number: RE00127603

Serial: G6236138 Model M24 SWS Center Fire

Repairman:

Status: New 4/3/2007 1:10:55 PM

Address Information

Customer: FB4830 TMO 23RD LRS LGRTCO

Received From: FB4830 TMO 23RD LRS LGRTCO

Return To: FB4830 TMO 23RD LRS LGRTCO

Address 1: 4380D ALABAMA ROAD

Address 2: PO Box:

City: MOODY AFB

State: GA Zip Code: 31699 Country: US

State: GA Zip Code: 31699 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
A057	Frt and Rear Sgt Base	2

Repair Search

Refresh

Close

nagletj

4/3/2007

1:40 PM

CAPS

NUM

INS

SCRL

Start

4 Micr...

Part Se...

Arms S...

3 Micr...

4 Inte...

1:40 PM

Serial Number: **G6236138**
 Model: **M24 SWS**

RE00127603

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6236138.___0

FILE DATE AND TIME: 05/10/2007 01:23

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.423
The Average Y Centroid of the Five Target Set:	-0.165
The Average Point of Impact of the Five Target Set:	0.454
The Average Mean Radius of the Five Target Set:	0.949
The Distance from POA to Centroid Target #1:	0.304
The Distance from Centroid Target #2 to Centroid Target #1:	0.819
The Distance from Centroid Target #3 to Centroid Target #1:	0.483
The Distance from Centroid Target #4 to Centroid Target #1:	0.584
The Distance from Centroid Target #5 to Centroid Target #1:	0.098

SERIAL NUMBER: G6236138. __0

TARGET NUMBER: 1

FILE DATE: 05/10/2007

FILE TIME: 01:23

X CENTROID: 0.257

Y CENTROID: 0.163

POA TO CENTROID: 0.304

HORZ SPREAD: 2.610

VERT SPREAD: 1.762

GROUP SPREAD: 2.721

MIN RADIUS: 0.205

MAX RADIUS: 1.612

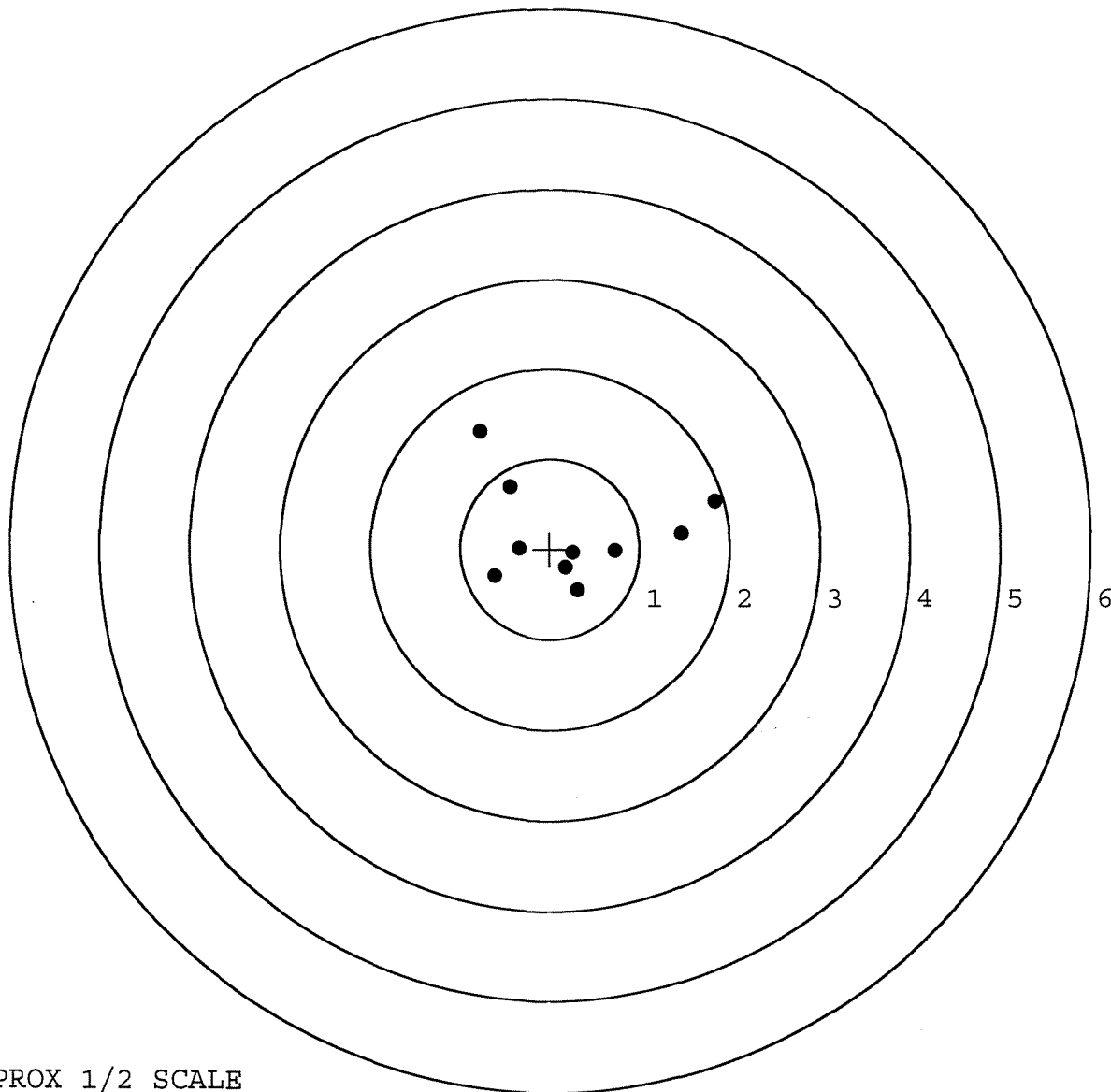
MEAN RADIUS: 0.858

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.257	-0.042
2:	0.176	-0.211
3:	0.313	-0.465
4:	-0.345	-0.006
5:	-0.618	-0.309
6:	-0.449	0.685
7:	-0.783	1.297
8:	1.827	0.528
9:	1.461	0.174
10:	0.728	-0.024



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236138. __0

TARGET NUMBER: 2

FILE DATE: 05/10/2007

FILE TIME: 01:23

X CENTROID: 0.907

Y CENTROID: -0.336

POA TO CENTROID: 0.967

HORZ SPREAD: 2.652

VERT SPREAD: 2.856

GROUP SPREAD: 3.460

MIN RADIUS: 0.797

MAX RADIUS: 2.099

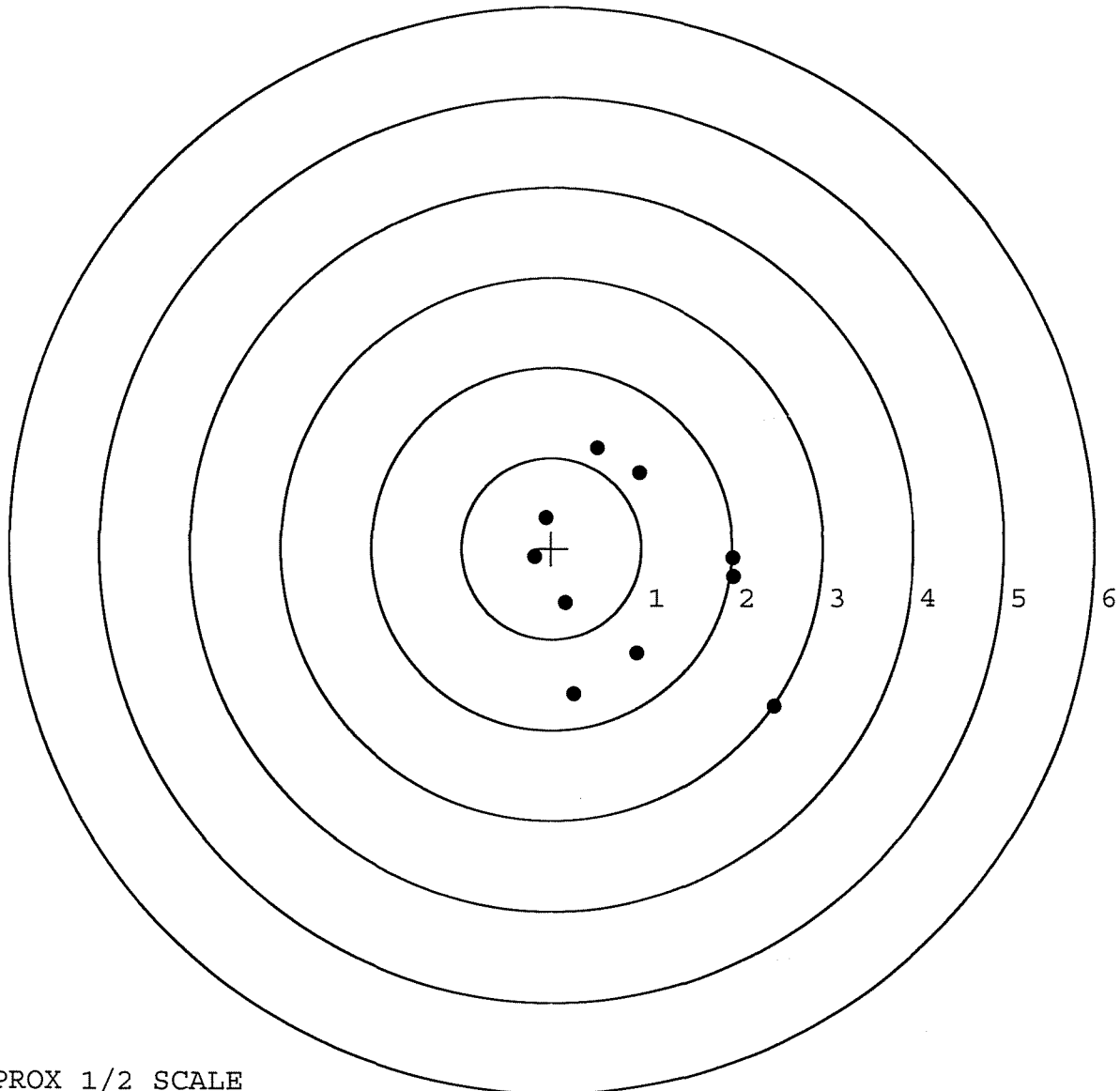
MEAN RADIUS: 1.237

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 2

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.067	0.339
2:	-0.188	-0.095
3:	0.156	-0.604
4:	0.510	1.113
5:	0.975	0.833
6:	0.948	-1.163
7:	0.248	-1.612
8:	2.009	-0.107
9:	2.015	-0.318
10:	2.464	-1.743

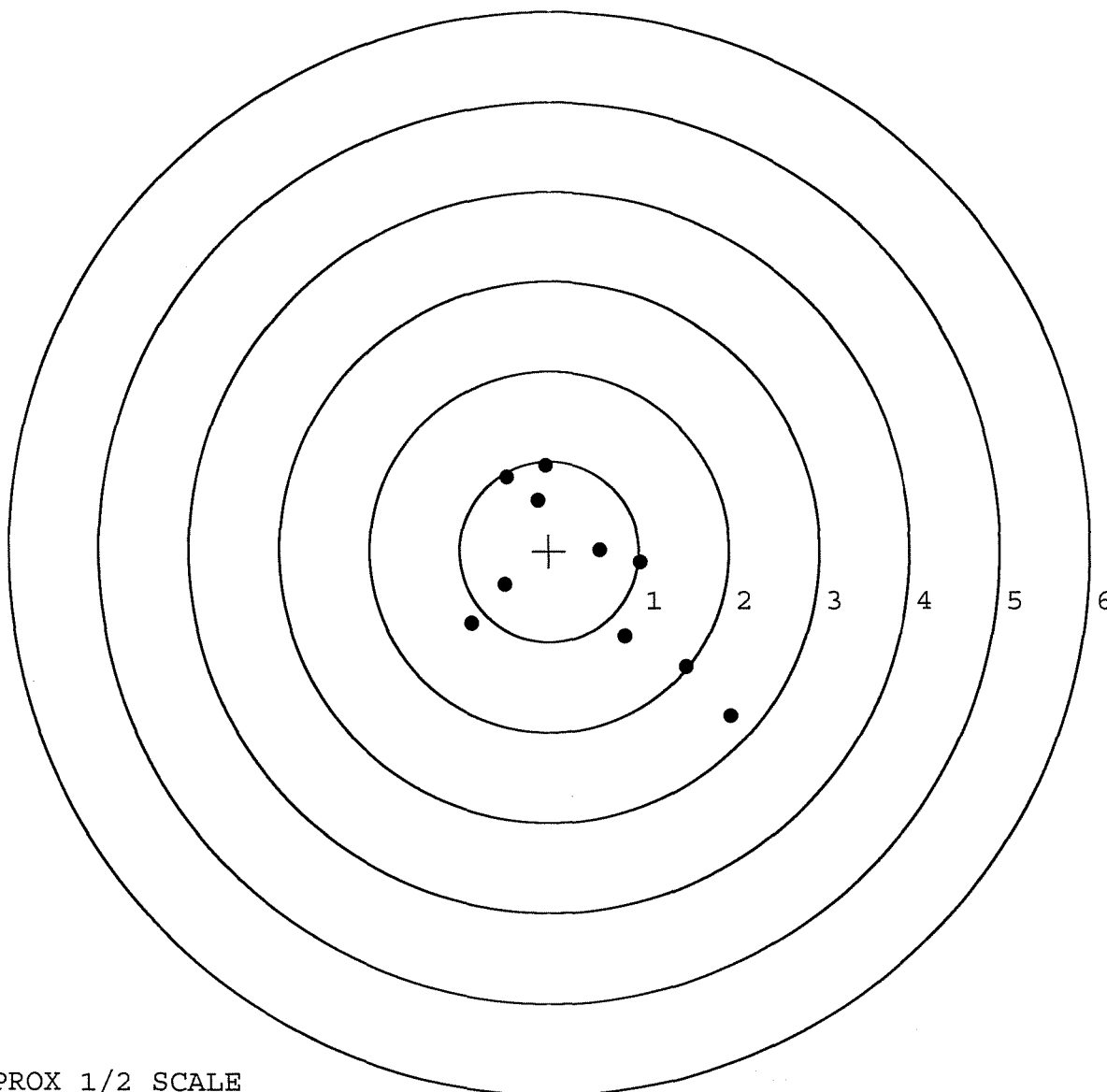


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236138. __0
 TARGET NUMBER: 3
 FILE DATE: 05/10/2007
 FILE TIME: 01:23

X CENTROID: 0.396
 Y CENTROID: -0.300
 POA TO CENTROID: 0.497
 HORZ SPREAD: 2.886
 VERT SPREAD: 2.776
 GROUP SPREAD: 3.638
 MIN RADIUS: 0.359
 MAX RADIUS: 2.228
 MEAN RADIUS: 1.152
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.046	0.950
2:	-0.129	0.564
3:	-0.476	0.822
4:	0.569	0.014
5:	1.014	-0.128
6:	0.847	-0.944
7:	1.526	-1.275
8:	2.019	-1.826
9:	-0.499	-0.374
10:	-0.867	-0.805



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236138. 0

TARGET NUMBER: 4

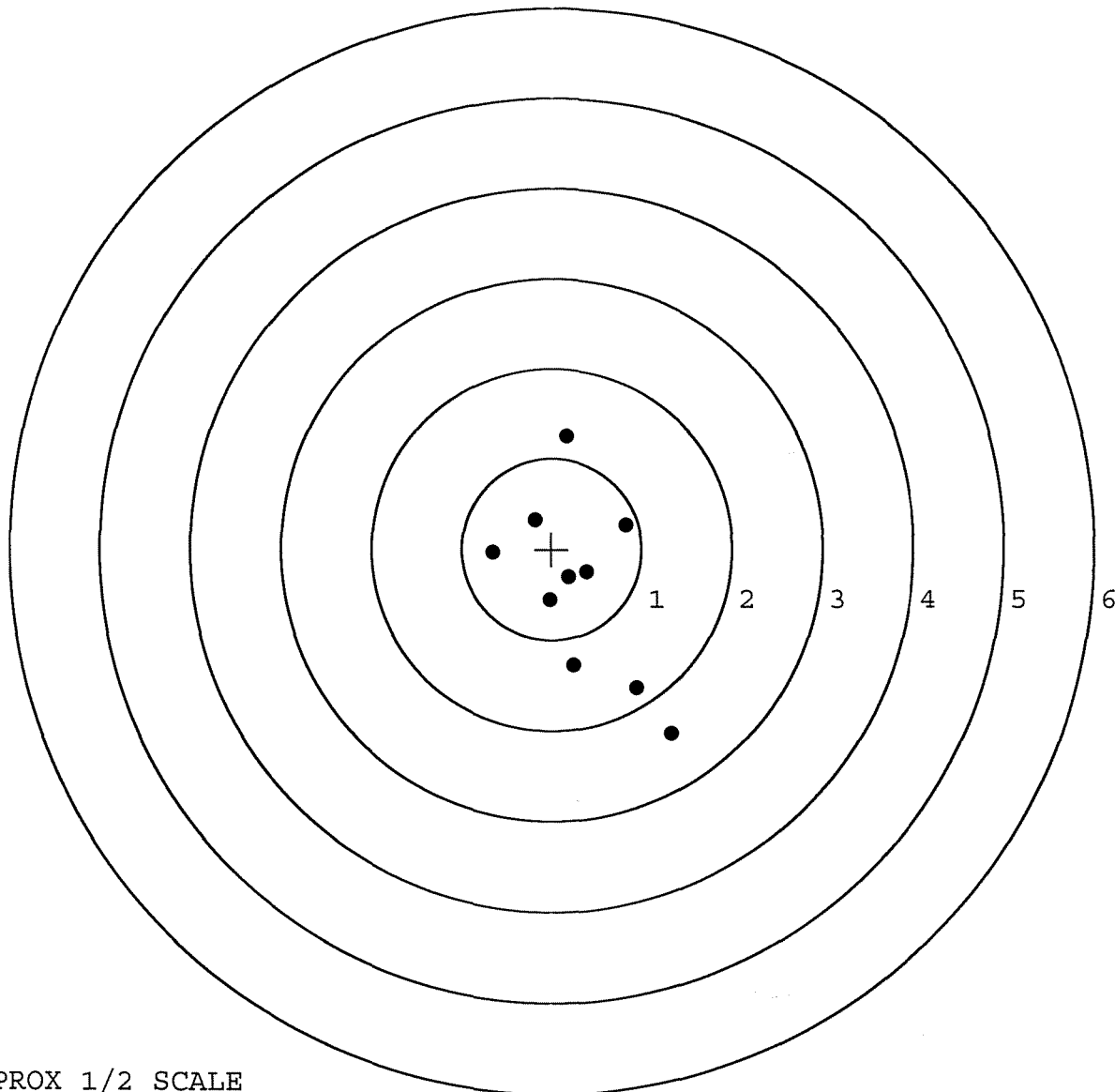
FILE DATE: 05/10/2007

FILE TIME: 01:23

X CENTROID: 0.323
 Y CENTROID: -0.418
 POA TO CENTROID: 0.528
 HORZ SPREAD: 1.982
 VERT SPREAD: 3.280
 GROUP SPREAD: 3.479
 MIN RADIUS: 0.169
 MAX RADIUS: 1.907
 MEAN RADIUS: 0.924

IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.190	0.323
2:	0.168	1.241
3:	-0.654	-0.036
4:	0.824	0.267
5:	0.390	-0.248
6:	0.192	-0.311
7:	-0.025	-0.566
8:	0.251	-1.281
9:	0.949	-1.527
10:	1.328	-2.039



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236138. 0

TARGET NUMBER: 5

FILE DATE: 05/10/2007

FILE TIME: 01:23

X CENTROID: 0.231

Y CENTROID: 0.068

POA TO CENTROID: 0.241

HORZ SPREAD: 1.952

VERT SPREAD: 1.254

GROUP SPREAD: 2.022

MIN RADIUS: 0.173

MAX RADIUS: 1.353

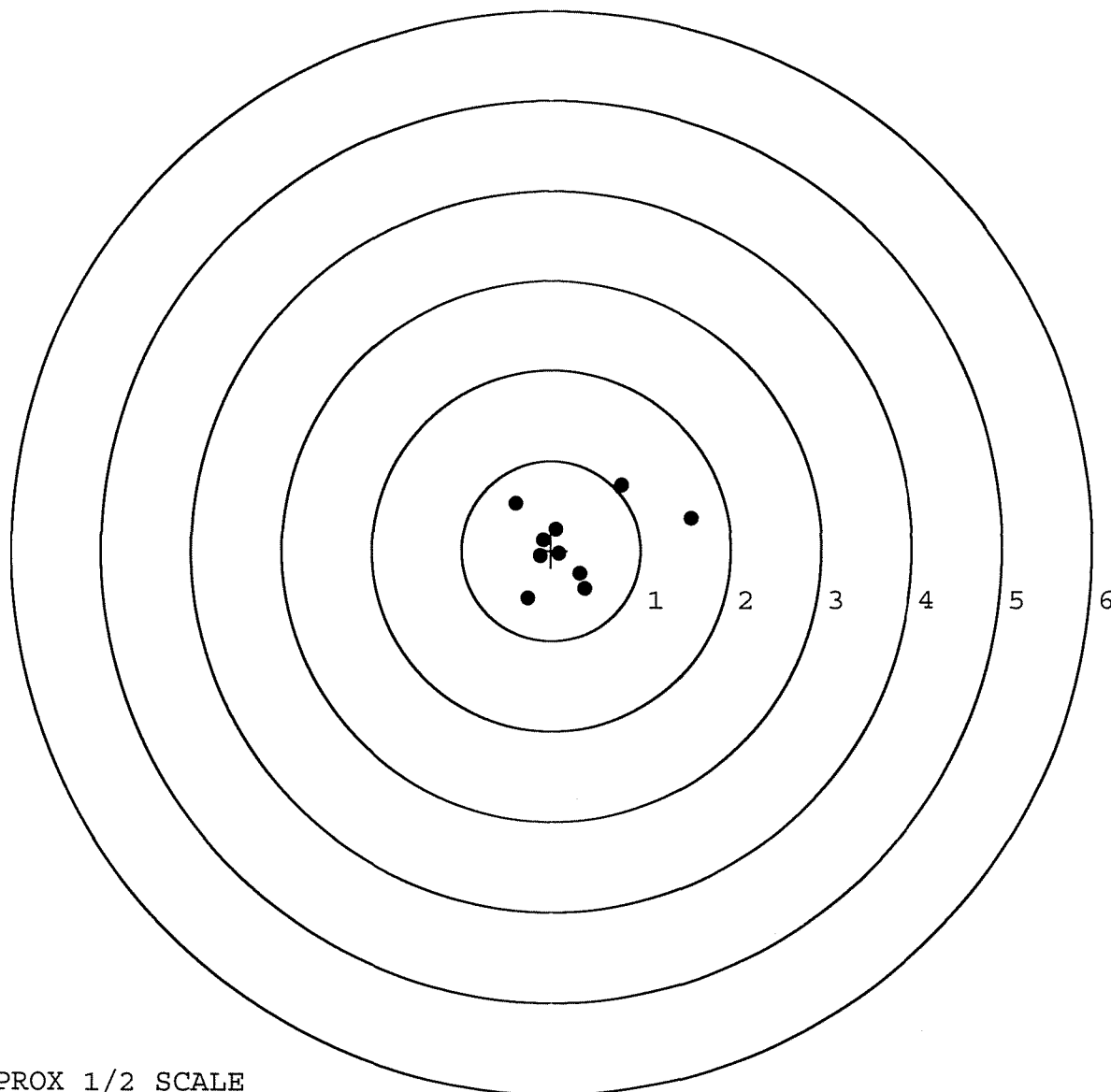
MEAN RADIUS: 0.573

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.401	0.532
2:	0.789	0.727
3:	1.551	0.365
4:	0.057	0.237
5:	-0.088	0.116
6:	-0.122	-0.060
7:	0.092	-0.035
8:	0.323	-0.254
9:	0.375	-0.420
10:	-0.264	-0.527



TARGET APPROX 1/2 SCALE

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

R & E NUMBER		127603	
SERIAL NUMBER		G6236138	
LOG-IN DATE		4-30-07	
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	4-24-07	RTZ
505	RE-BARREL	4-25-07	RTZ
560	ASSEMBLE	4-25-07	RTZ
600	PROOF	4-25-07	TRW
605	CHECK HEADSPACE	4-25-07	TRW
610	DIS-ASSEMBLE GUN	4-26-07	RTZ
612	MAGNAFLUX	4-30-07	unc
510	DRILL AND TAP	4-27-07	TRW
615	ROLLMARK CALIBER	5-1-07	CW
618	ROTO-BLAST	5-1-07	UB
620	APPLY COATINGS	5-2-07	RB
625	FINAL ASSEMBLY	5-9-07	RTZ
640	FUNCTION TEST AND	PASS FAIL	5-9-07
650	TARGET	PASS FAIL	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		5-15-07
	A) HEADSPACE	PASS FAIL	5-15-07
	B) TRIGGER PULL	2.31 2.36 2.21 2.18 2.41	5-10-07 TRW
680	F) SAFETY ON FORCE	6.0 6.0 5.75	5-10-07 TRW
	G) SAFETY OFF FORCE	3.0 2.75 3.0	5-10-07 TRW
	I) FIRING PIN INDENT	.023 ^s .023 .024	5-10-07 TRW
690	PACK		5-16-07

Remington®

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

BOLT ACTION CENTERFIRE RIFLE

24" BARREL 7.62 NATO

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

SERIAL NO.
G6236138

ORDER NO.
25716

Made in Ilion, NY Reg. U.S. Pat. & tm. Off. Marca Registrada Marque Deposee.

46



5716 G6236138

26RW

ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

UPC



0 47700 25716 7

ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

UPC



0 47700 25716 7

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

- INSTRUCTION BOOK 3518

proof of purchase



owner registration sticker



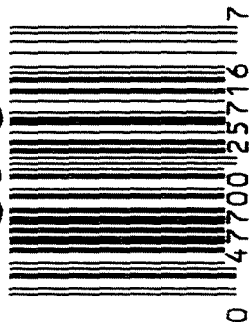
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6236138

UPC



46 FORM

GUN SERIAL # C6236138

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		9/5/02	RL
600	PROOF		9/5/02	RL
607	CHECK HEADSPACE		9/9/02	RL
610	DIS-ASSEMBLE GUN		9/9/02	RL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	SEP 10 2002 RL		
615	ROLLMARK CALIBER		9/10	DS
617	DRILL AND TAP SIGHT HOLES		9-11-02	AC
620	APPLY COATINGS (BARREL ACTION)		9-18	TA
	(BOLT)		9-18	TA
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9-20-02	RW
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9-20-02	RW
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9-20-02	RW
	D) OIL FIRING PIN ASSEMBLY		9-20-02	RW
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		11-18-02	RL

OP #	DESCRIPTION	REQUIREMENTS	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>5.5</u> <u>5.5</u> <u>5.5</u>	10-3-02	RA
CONT.					
	G) SAFETY OFF FORCE	2 LBS MIN	<u>2.5</u> <u>2.5</u> <u>2.5</u>	10-3-02	RA
	H) TRIGGER PULL TEST AND RETAINABILITY			11-18-02	RL
	I) FIRING PIN INDENT	.020 MIN	<u>.021</u> <u>.022</u> <u>.022</u>	10-3-02	RA
	J) ASSEMBLE STOCK			9-27-02	RL
	K) ASSEMBLE SWIVEL STUDS			11-18-02	RL
	L) ATTACH FRONT AND REAR SIGHT ASSY'S			10/30/02	RL
	M) IRON SIGHT ALIGNMENT			10/30/02	RL
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER			10/30/02	RL
640	GALLERY TEST AND TARGET		PASS FAIL	9/30/02	TRW
	MALFUNCTION	CORRECTION		9/30/02	TRW
	MALFUNCTION	CORRECTION		9/30/02	TRW
	MALFUNCTION	CORRECTION		9/30/02	TRW
	MALFUNCTION	CORRECTION		9/30/02	TRW
645	INSPECT FOR LIVE AMMO			9/30/02	TRW
655	FINAL INSPECTION A) HEADSPACE			11-18-02	RL
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.38</u> <u>2.28</u> <u>2.74</u> <u>2.67</u> <u>2.36</u>	10/3/02	RL
	C) FUNCTION			11-18-02	RL
660	PACK			11-22-02	RA

3.00# ± .75#
4.00# ± 1.00#

TESTER

TRW

G6236138

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.58	2.55		2.56	MIN. SETTING,
PULL #2	2.79	2.73		2.79	NO AVG. OF 5
PULL #3	2.37	2.28		2.68	READINGS ACCEPT-
PULL #4	2.23	2.72		2.71	ABLE LESS THAN 2
PULL #5	2.47	2.61		2.70	
TOTAL	12.44	12.89		13.44	
AVG.	2.48	2.57		2.68	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.02	3.06		
PULL #2	3.12	3.11		
PULL #3	3.10	3.00		
PULL #4	3.04	3.13		
PULL #5	3.03	3.16		
TOTAL	15.31	15.46		
AVG.	3.06	3.09		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCUR
PULL #1	4.12	3.99		4.19
PULL #2	4.15	4.04		3.98
PULL #3	4.09	4.02		3.92
PULL #4	4.01	3.97		4.03
PULL #5	4.05	4.06		4.04
TOTAL	20.42	20.08		20.16
AVG.	4.08	4.01		4.03

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6236138.___0

FILE DATE AND TIME: 10/01/2002 12:33

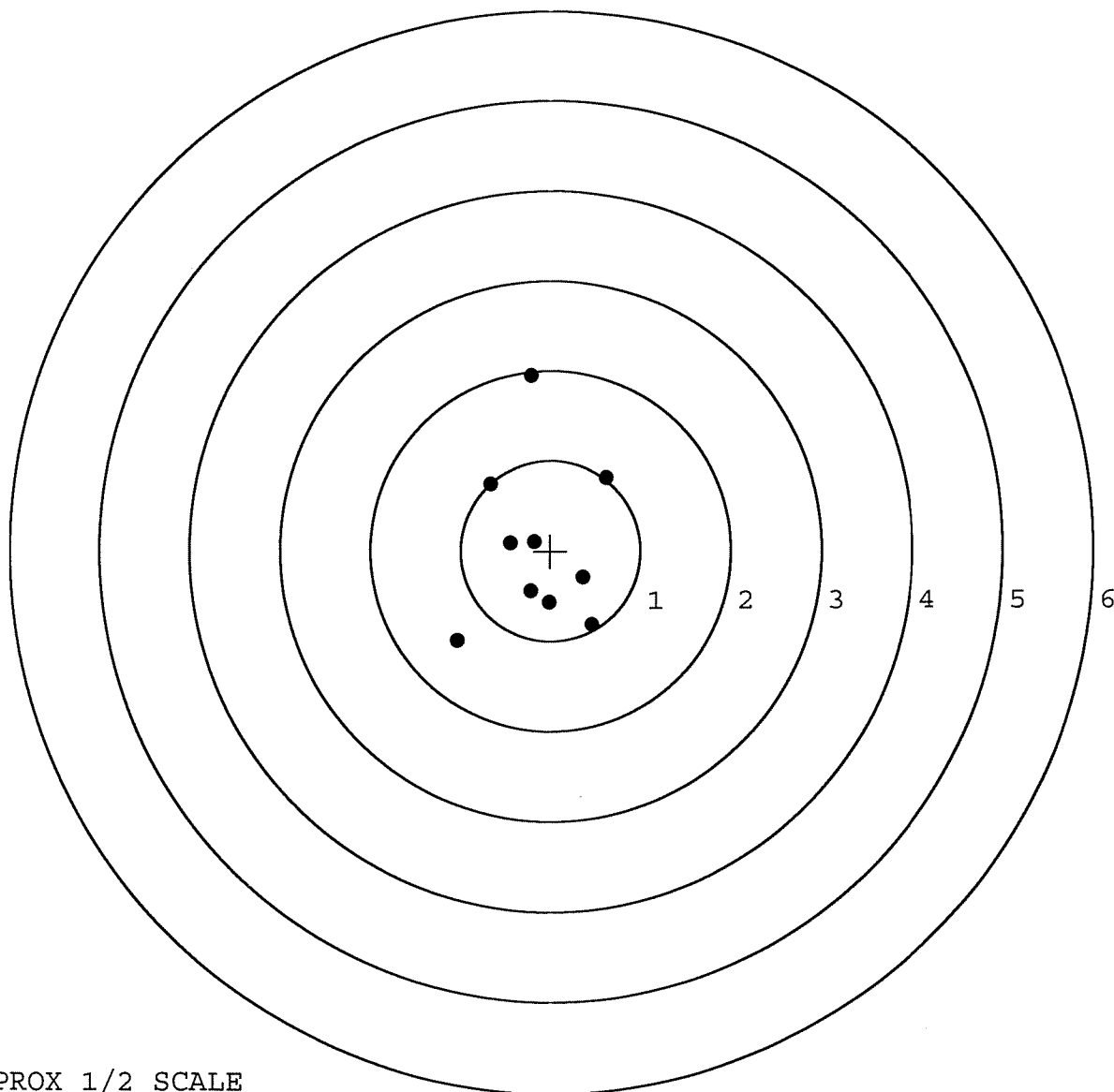
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.043
The Average Y Centroid of the Five Target Set:	0.033
The Average Point of Impact of the Five Target Set:	0.054
The Average Mean Radius of the Five Target Set:	0.983
The Distance from POA to Centroid Target #1:	0.145
The Distance from Centroid Target #2 to Centroid Target #1:	0.246
The Distance from Centroid Target #3 to Centroid Target #1:	0.193
The Distance from Centroid Target #4 to Centroid Target #1:	0.257
The Distance from Centroid Target #5 to Centroid Target #1:	0.326

SERIAL NUMBER: G6236138. __0
 TARGET NUMBER: 1
 FILE DATE: 10/01/2002
 FILE TIME: 12:33

POINT#	X	Y
1:	-1.039	-1.004
2:	0.465	-0.824
3:	0.361	-0.294
4:	-0.016	-0.576
5:	-0.224	-0.450
6:	-0.181	0.101
7:	-0.453	0.091
8:	-0.673	0.738
9:	0.620	0.807
10:	-0.215	1.941

X CENTROID: -0.135
 Y CENTROID: 0.053
 POA TO CENTROID: 0.145
 HORZ SPREAD: 1.659
 VERT SPREAD: 2.945
 GROUP SPREAD: 3.058
 MIN RADIUS: 0.066
 MAX RADIUS: 1.890
 MEAN RADIUS: 0.842
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9

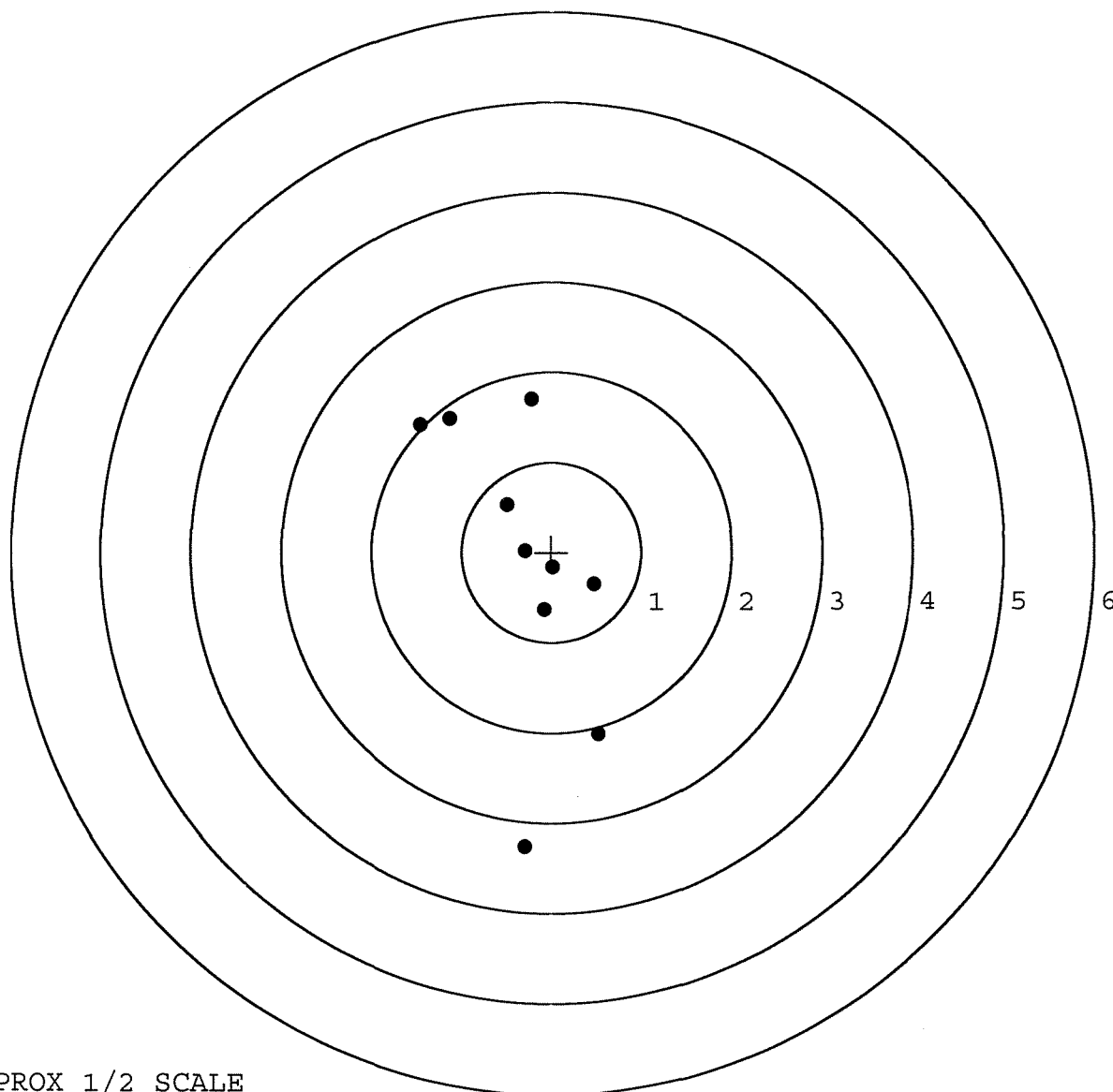


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236138. __0
 TARGET NUMBER: 2
 FILE DATE: 10/01/2002
 FILE TIME: 12:33

X CENTROID: -0.299
 Y CENTROID: -0.131
 POA TO CENTROID: 0.326
 HORZ SPREAD: 1.989
 VERT SPREAD: 4.967
 GROUP SPREAD: 4.967
 MIN RADIUS: 0.150
 MAX RADIUS: 3.139
 MEAN RADIUS: 1.330
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 5

POINT#	X	Y
1:	-1.466	1.414
2:	-1.136	1.483
3:	-0.228	1.697
4:	-0.500	0.533
5:	-0.294	0.019
6:	0.479	-0.354
7:	-0.086	-0.645
8:	0.523	-2.015
9:	-0.298	-3.270
10:	0.015	-0.171

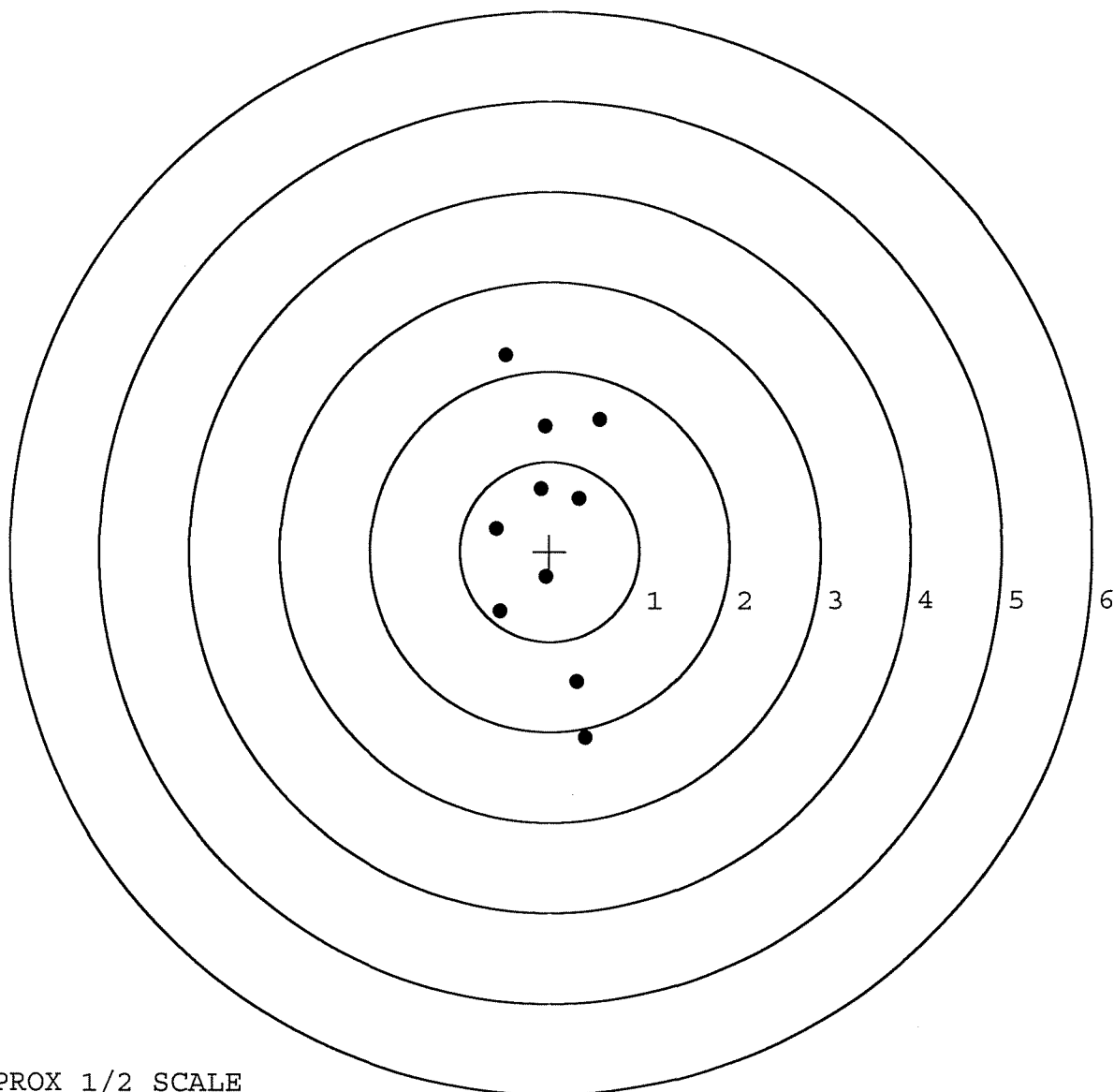


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236138. 0
 TARGET NUMBER: 3
 FILE DATE: 10/01/2002
 FILE TIME: 12:33

X CENTROID: -0.026
 Y CENTROID: 0.212
 POA TO CENTROID: 0.213
 HORZ SPREAD: 1.153
 VERT SPREAD: 4.254
 GROUP SPREAD: 4.347
 MIN RADIUS: 0.492
 MAX RADIUS: 2.323
 MEAN RADIUS: 1.170
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 7

POINT#	X	Y
1:	0.400	-2.072
2:	0.306	-1.449
3:	-0.557	-0.662
4:	-0.041	-0.281
5:	-0.596	0.256
6:	-0.100	0.698
7:	0.325	0.593
8:	-0.056	1.389
9:	0.557	1.463
10:	-0.496	2.182

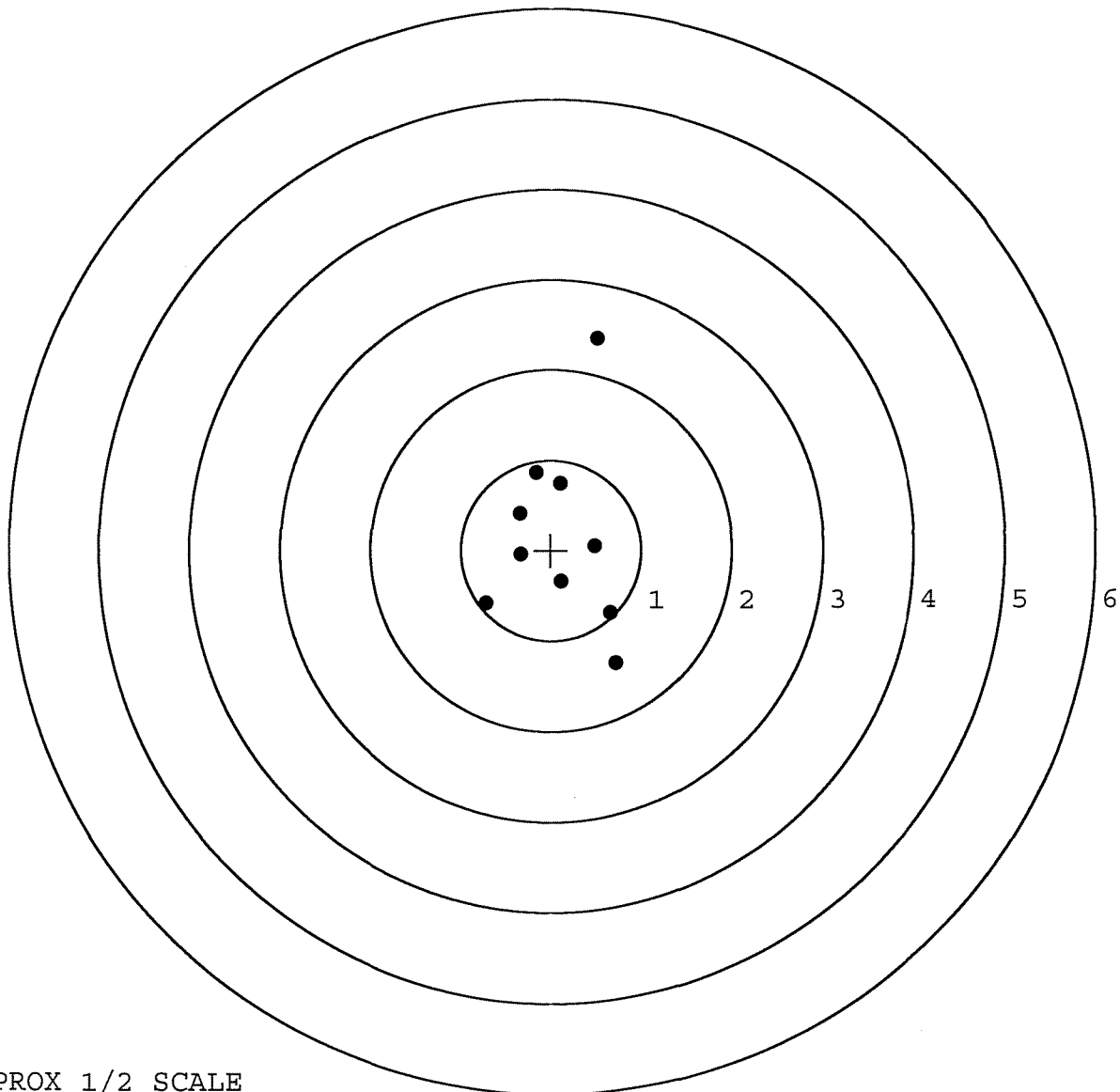


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236138. 0
 TARGET NUMBER: 4
 FILE DATE: 10/01/2002
 FILE TIME: 12:33

X CENTROID: 0.104
 Y CENTROID: 0.148
 POA TO CENTROID: 0.181
 HORZ SPREAD: 1.451
 VERT SPREAD: 3.591
 GROUP SPREAD: 3.597
 MIN RADIUS: 0.401
 MAX RADIUS: 2.233
 MEAN RADIUS: 0.915
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.726	-1.248
2:	0.664	-0.695
3:	0.492	0.048
4:	0.114	-0.347
5:	-0.336	-0.049
6:	-0.725	-0.590
7:	-0.347	0.409
8:	0.100	0.746
9:	-0.167	0.864
10:	0.514	2.343

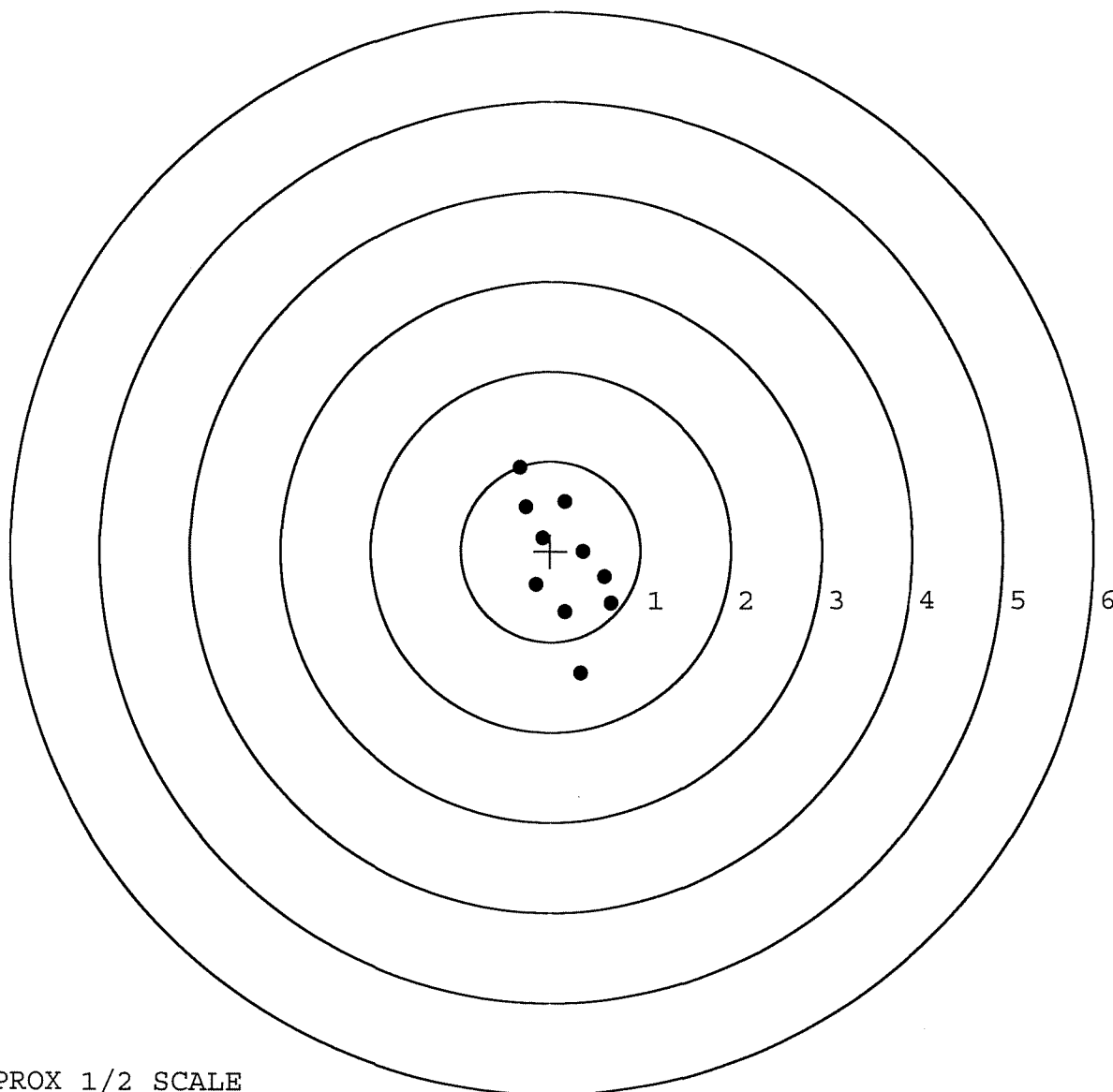


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236138.____0
 TARGET NUMBER: 5
 FILE DATE: 10/01/2002
 FILE TIME: 12:33

X CENTROID: 0.143
 Y CENTROID: -0.118
 POA TO CENTROID: 0.185
 HORZ SPREAD: 1.022
 VERT SPREAD: 2.283
 GROUP SPREAD: 2.383
 MIN RADIUS: 0.242
 MAX RADIUS: 1.250
 MEAN RADIUS: 0.657
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.339	-1.352
2:	0.677	-0.585
3:	0.606	-0.291
4:	0.361	-0.013
5:	0.165	-0.678
6:	-0.162	-0.375
7:	-0.345	0.931
8:	0.154	0.552
9:	-0.281	0.491
10:	-0.087	0.142



TARGET APPROX 1/2 SCALE