

G-6300603

Arms 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: RE00111023
Verify Repair: High Priority

Serial: G6300603 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:
Status: Closed 4/12/2006 1:37:07 PM

Address Information

Customer:
Name: 60 AERIAL PORT SQD, TRTCD
Address 1: TRAFFIC MANAGEMENT OFFICE
Address 2: BLDG 977 90 RAGSDALE ST PO Box:
City: TRAVIS AFB
State: CA Zip Code: 94535 Country: US

Received From:
Return To: 60 AERIAL PORT SQD, TRTCD
TRAFFIC MANAGEMENT OFFICE
BLDG 977 90 RAGSDALE ST PO Box:
TRAVIS AFB
State: CA Zip Code: 94535 Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Received Condition

Accessories Received

Phone: NA
Fax:
Email:
Comments:

Condition: Fair
Condition Notes:
CSR Notes:

Code	Desc	Qty
A007	With Stud	3
A008	With Swivel	2
A010	Hard Case	1
A017	Scope Base	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

naqltj

4/12/2006

1:50 PM

CAPS

NUM

INS

SCRL

start

5 M.

Ar...

3 L.

2 M.

Pet...

Par...

SA...

1:50 PM

Number:

G6300603

Model:

M24 SWS

RE00111023

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

BARBER - M24 04290162956

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300603.__1
FILE DATE AND TIME: 05/22/2006 16:23

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

ERROR - NOT POSSIBLE TO REPORT SWS STATS ON DATA
WHERE TOTAL TARGETS ARE NOT EQUAL TO FIVE

Aug. mean Radius: .807

SERIAL NUMBER: G6300603. __1

TARGET NUMBER: 1

FILE DATE: 05/22/2006

FILE TIME: 16:23

POINT#	X	Y
1:	-0.005	0.451
2:	0.390	0.854
3:	0.591	0.951
4:	0.503	-0.603
5:	0.061	-0.355
6:	-0.215	-0.697
7:	-0.622	-1.444
8:	-1.427	-0.878
9:	0.359	1.567
10:	1.286	1.216

X CENTROID: 0.092

Y CENTROID: 0.106

POA TO CENTROID: 0.141

HORZ SPREAD: 2.713

VERT SPREAD: 3.011

GROUP SPREAD: 3.427

MIN RADIUS: 0.358

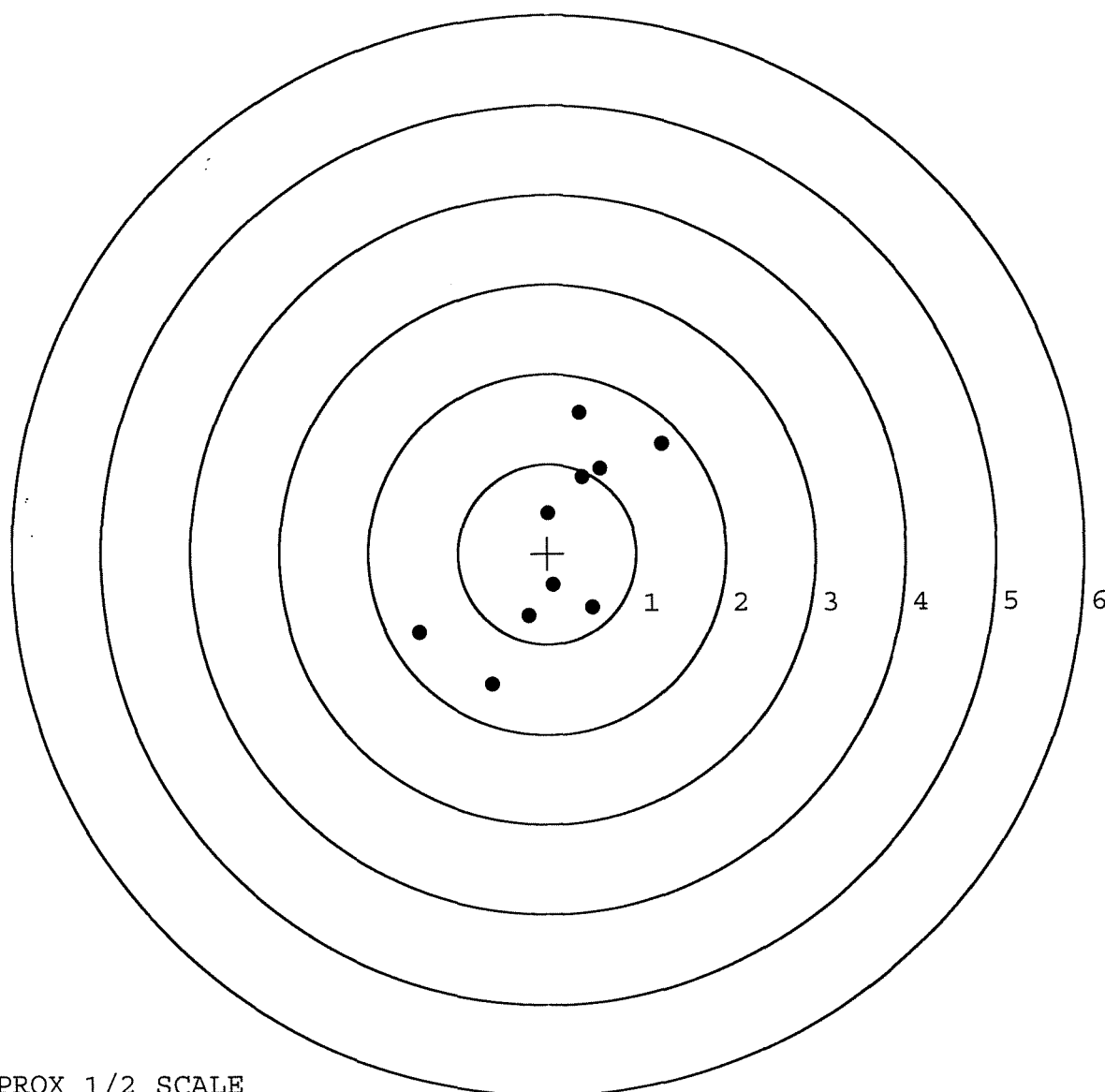
MAX RADIUS: 1.810

MEAN RADIUS: 1.092

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300603. __1

TARGET NUMBER: 2

FILE DATE: 05/22/2006

FILE TIME: 16:23

POINT#	X	Y
1:	0.185	0.356
2:	-0.282	0.343
3:	-0.311	0.176
4:	-0.455	0.014
5:	-0.370	-0.362
6:	0.138	-0.584
7:	1.063	0.408
8:	-0.570	1.094
9:	-0.300	0.273
10:	-0.362	0.110

X CENTROID: -0.126

Y CENTROID: 0.183

POA TO CENTROID: 0.222

HORZ SPREAD: 1.633

VERT SPREAD: 1.678

GROUP SPREAD: 1.771

MIN RADIUS: 0.185

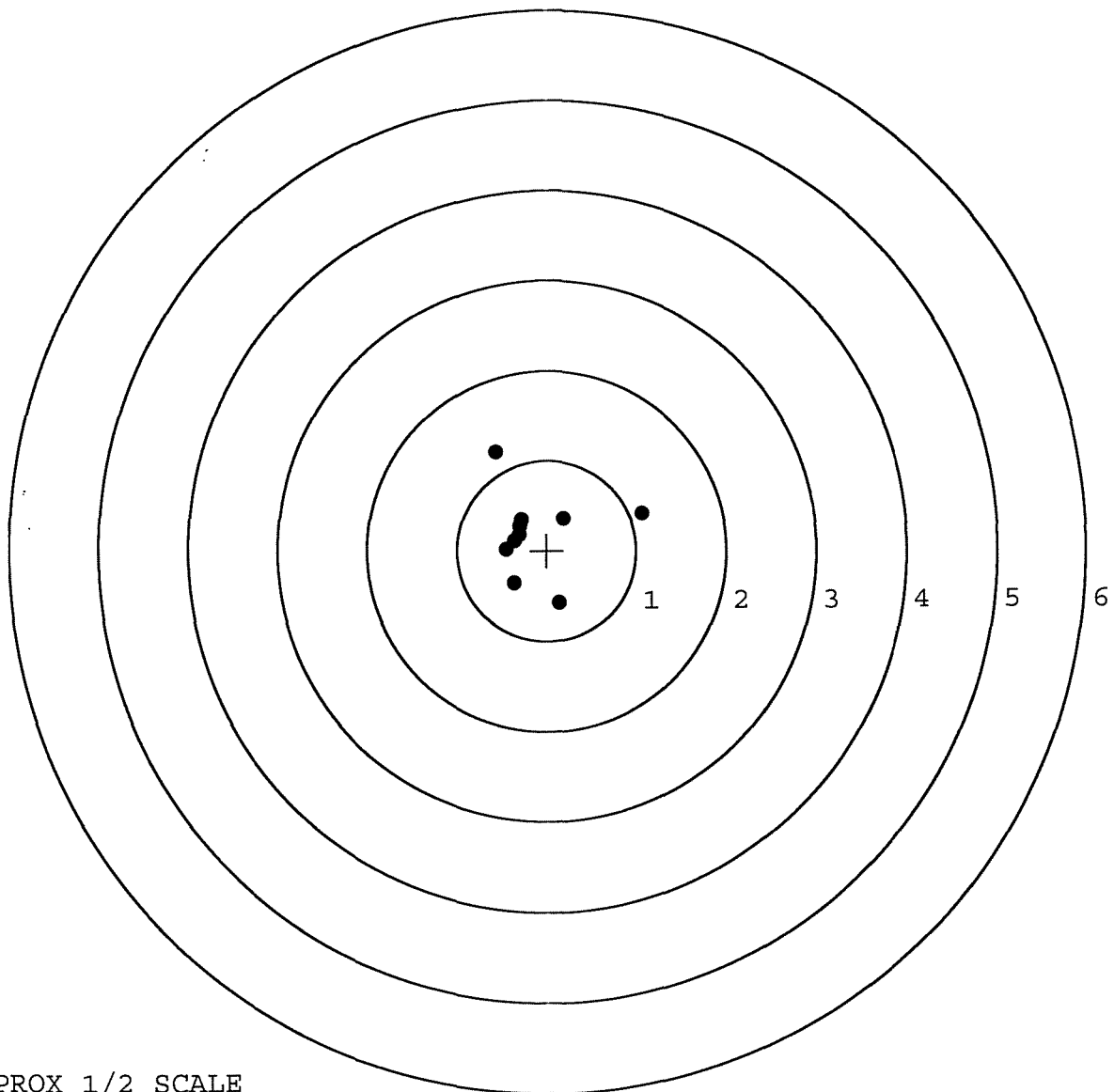
MAX RADIUS: 1.211

MEAN RADIUS: 0.521

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)

3.00 LBS (plus or minus 0.75 LBS)

4.00 LBS (plus or minus 1.00 LBS)

DATE 5-10-06TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.58	2.51		2.59	
PULL #2	2.48	2.64		2.55	
PULL #3	2.40	2.55		2.44	
PULL #4	2.44	2.55		2.52	
PULL #5	2.35	2.56		2.59	
TOTAL	12.25	12.81		12.69	
AVERAGE	2.45	2.56		2.53	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.10	3.02		
PULL #2	3.28	3.09		
PULL #3	3.22	2.98		
PULL #4	3.22	3.07		
PULL #5	2.90	3.03		
TOTAL	15.72	15.19		
AVERAGE	3.14	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	4.04	4.23		4.12
PULL #2	4.04	4.27		4.09
PULL #3	3.98	4.21		4.13
PULL #4	4.07	4.00		4.21
PULL #5	4.16	3.96		4.22
TOTAL	20.29	20.67		20.77
AVERAGE	4.05	4.13		4.15

		JAPAN			
R & E NUMBER	111023				
SERIAL NUMBER	66300603				
LOG-IN DATE	4-12-06				
OPERATION #	OPERATION NAME		DATE	INITIAL	
500	DIS-ASSEMBLE GUN		5-4-06	A	
505	RE-BARREL				
560	ASSEMBLE				
600	PROOF				
605	CHECK HEADSPACE				
610	DIS-ASSEMBLE GUN				
612	MAGNAFLUX				
510	DRILL AND TAP				
615	ROLLMARK CALIBER				
618	ROTO-BLAST				
620	APPLY COATINGS		5/12	HP	
625	FINAL ASSEMBLY		5-17-06	A	
640	FUNCTION TEST AND	PASS	FAIL	5-22-06	L.P.D.
650	TARGET	PASS	FAIL	5-23-06	L.P.D.
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION	N/A		
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
670	FINAL INSPECTION			5-23-06	MTM
	A) HEADSPACE	PASS	FAIL	5-23-06	MTM
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS 2.21 2.15 2.13 2.03 2.05			A
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX 7 lbs 7 lbs 7 lbs			MTM
	G) SAFETY OFF FORCE	2 LBS MIN 4 lbs 4 lbs 4 lbs			MTM
	I) FIRING PIN INDENT	.020	.022 .022 .023		MTM
690	PACK			5-31-06	HP

Remington®

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

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



5716 G6300603

ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYST

UPC



0 47700 25716 7

ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYST

UPC



0 47700 25716 7

SERIAL NO.



G6300603

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

- INSTRUCTION BOOK 3518

46 FORM

proof of purchase



owner registration sticker



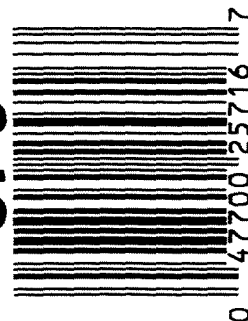
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6300603

UPC



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6300603

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		5/20/03	RTL
600	PROOF		5-21-03	AC
607	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	5/22/03	RTL
610	DIS-ASSEMBLE GUN	MAY 22 2003	5/22/03	RTL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	OPERATOR <i>RL</i>		
615	ROLLMARK CALIBER		6-2-03	VB
617	DRILL AND TAP SIGHT HOLES		5-28-03	TRW
620	APPLY COATINGS (BARREL ACTION)		6-13	TA
	(BOLT)		6-13	TA
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		7-3-03	RA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		7-3-03	RA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		7-3-03	RA
	D) OIL FIRING PIN ASSEMBLY		7-3-03	RA
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS		

625	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>6.9</u> <u>5.5</u> <u>5.5</u>	8-4-03	19A
CONT.	G) SAFETY OFF FORCE	2 LBS MIN	<u>3.9</u> <u>3.9</u> <u>3.9</u>	8-4-03	19A
	H) TRIGGER PULL TEST AND RETAINABILITY				
	I) FIRING PIN INDENT	.020 MIN	<u>.022</u> <u>.023</u> <u>.023</u>	8-4-03	19A
	J) ASSEMBLE STOCK			7/3/03	RW
	K) ASSEMBLE SWIVEL STUDS			11/10/03	RW
	L) ATTACH FRONT AND REAR SIGHT ASSY'S			7/3/03	RW
	M) IRON SIGHT ALIGNMENT			7/3/03	RW
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER			7/3/03	RW
640	GALLERY TEST AND TARGET		PASS FAIL	7-21-03	AC
	MALFUNCTION		CORRECTION	7-21-03	AC
	MALFUNCTION		CORRECTION	7-21-03	AC
	MALFUNCTION		CORRECTION	7-21-03	AC
	MALFUNCTION		CORRECTION	7-21-03	AC
645	INSPECT FOR LIVE AMMO			7-21-03	AC
655	FINAL INSPECTION A) HEADSPACE			11/10/03	RW
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.75</u> <u>2.79</u> <u>2.75</u> <u>2.80</u> <u>2.67</u>	8/6/03	19A
	C) FUNCTION			11/10/03	RW
660	PACK			11/11/03	19A

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)

3.00 LBS (plus or minus 0.75 LBS)

4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO. _____

DATE 7-3-03TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.52	2.71		2.68	
PULL #2	2.47	2.56		2.75	
PULL #3	2.23	2.54		2.74	
PULL #4	2.52	2.52		2.63	
PULL #5	2.47	2.54		2.61	
TOTAL	12.21	12.87		13.41	
AVERAGE	2.44	2.57		2.68	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.38		
PULL #2	3.41	3.28		
PULL #3	3.31	3.39		
PULL #4	3.28	3.34		
PULL #5	3.26	3.21		
TOTAL	16.49	16.60		
AVERAGE	3.29	3.32		

	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	4.23	4.31		4.35
PULL #2	4.30	4.32		4.43
PULL #3	4.23	4.45		4.46
PULL #4	4.24	4.48		4.49
PULL #5	4.17	4.46		4.46
TOTAL	21.17	22.02		22.19
AVERAGE	4.23	4.40		4.43

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300603.___0
FILE DATE AND TIME: 07/21/2003 06:17

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.026
The Average Y Centroid of the Five Target Set:	0.125
The Average Point of Impact of the Five Target Set:	0.127
The Average Mean Radius of the Five Target Set:	0.738
The Distance from POA to Centroid Target #1:	0.166
The Distance from Centroid Target #2 to Centroid Target #1:	0.073
The Distance from Centroid Target #3 to Centroid Target #1:	0.179
The Distance from Centroid Target #4 to Centroid Target #1:	0.152
The Distance from Centroid Target #5 to Centroid Target #1:	0.142

SERIAL NUMBER: G6300603. __0

TARGET NUMBER: 1

FILE DATE: 07/21/2003

FILE TIME: 06:17

POINT#	X	Y
1:	-0.594	0.955
2:	-0.314	1.056
3:	0.705	0.682
4:	1.054	0.796
5:	-0.259	0.305
6:	0.473	-0.099
7:	1.376	-0.759
8:	-0.788	-0.248
9:	-0.433	-0.285
10:	-0.470	-0.920

X CENTROID: 0.075

Y CENTROID: 0.148

POA TO CENTROID: 0.166

HORZ SPREAD: 2.164

VERT SPREAD: 1.976

GROUP SPREAD: 2.611

MIN RADIUS: 0.369

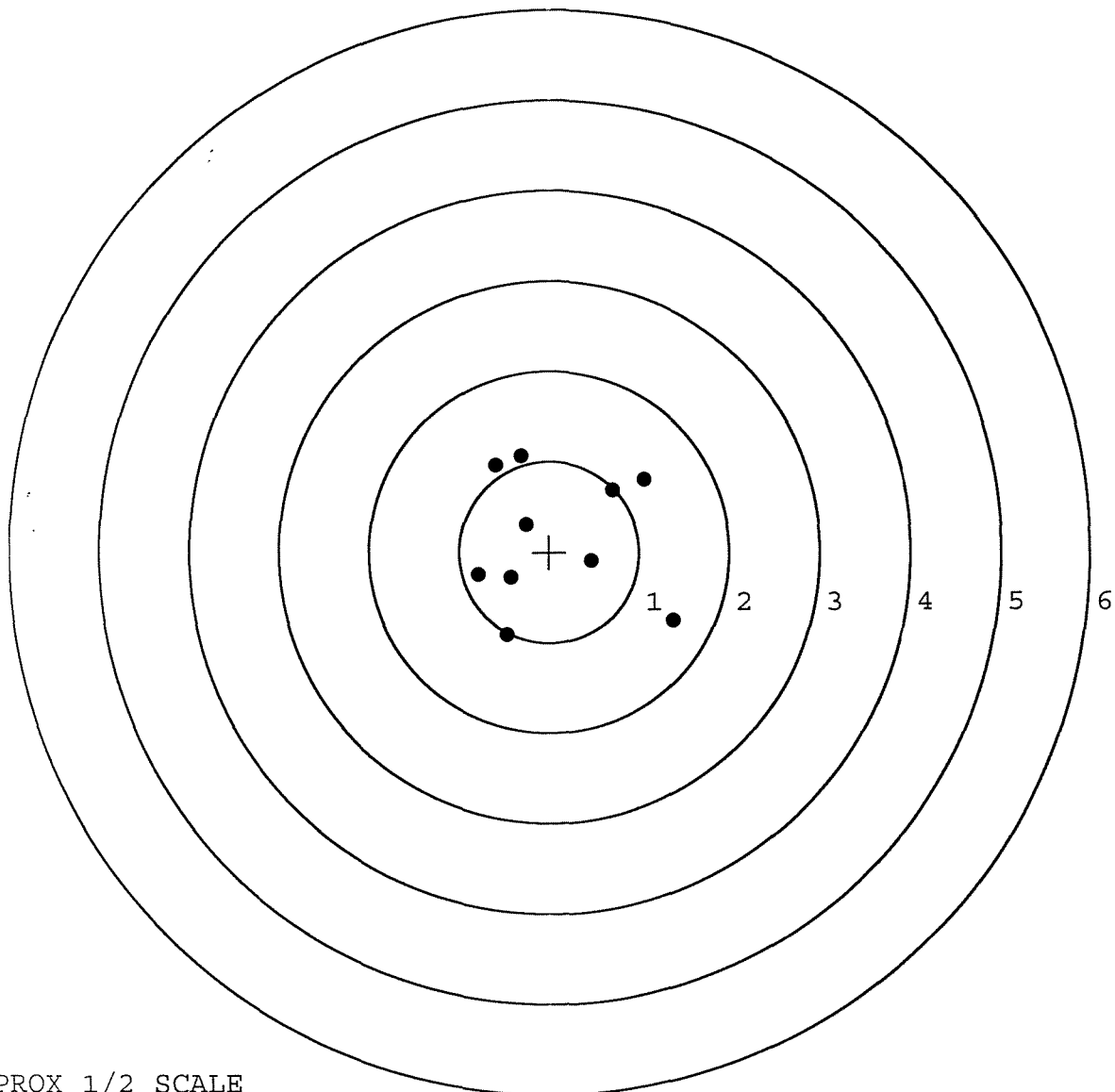
MAX RADIUS: 1.586

MEAN RADIUS: 0.928

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300603. __0

TARGET NUMBER: 2

FILE DATE: 07/21/2003

FILE TIME: 06:17

POINT#	X	Y
1:	-0.616	-0.615
2:	0.337	-0.367
3:	0.385	-0.215
4:	0.574	0.369
5:	-0.108	0.935
6:	-0.095	0.442
7:	-0.210	0.161
8:	0.051	0.202
9:	-0.183	0.301
10:	-0.111	0.208

X CENTROID: 0.002

Y CENTROID: 0.142

POA TO CENTROID: 0.142

HORZ SPREAD: 1.190

VERT SPREAD: 1.550

GROUP SPREAD: 1.631

MIN RADIUS: 0.077

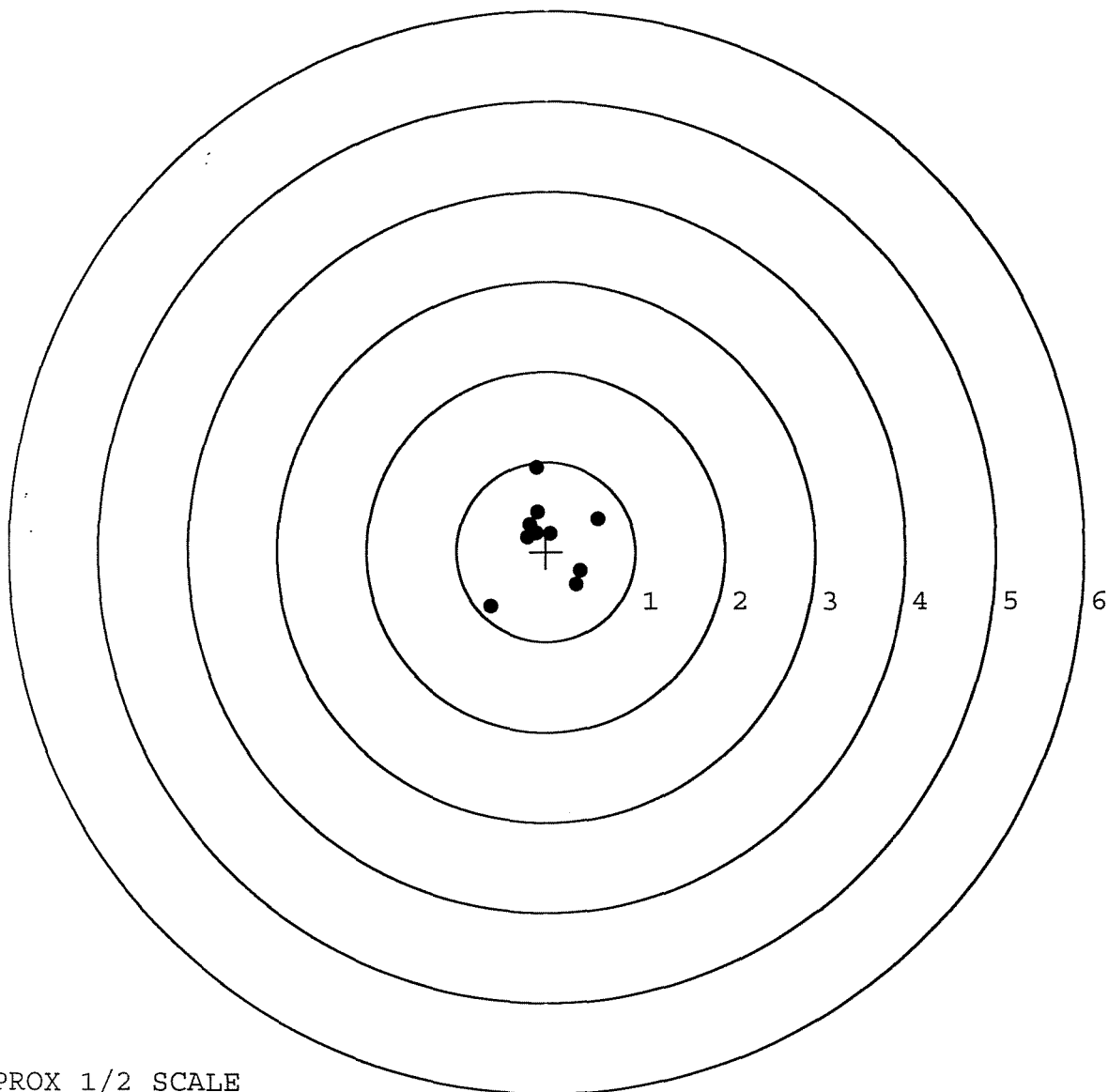
MAX RADIUS: 0.978

MEAN RADIUS: 0.451

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

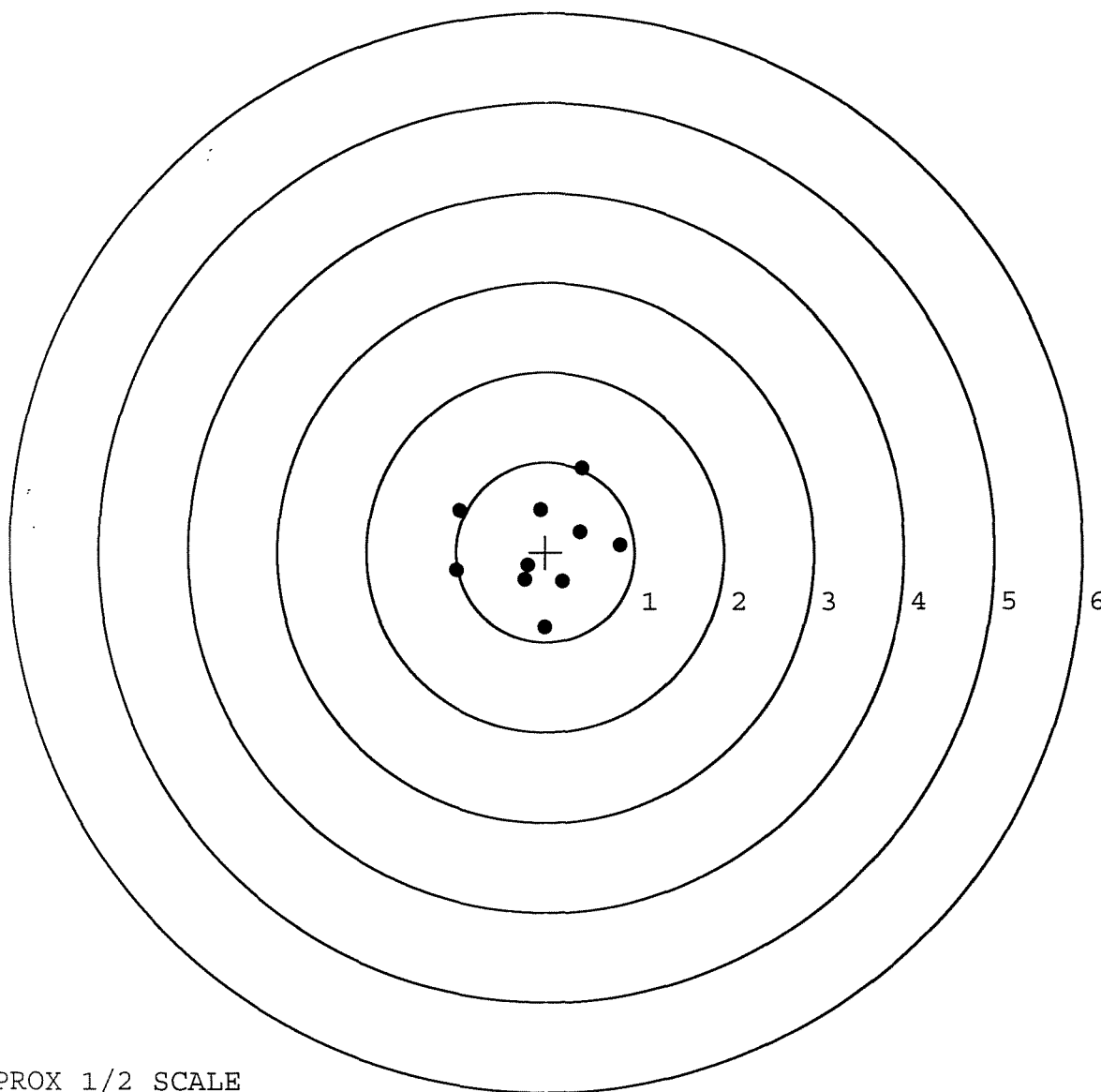


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300603. __0
 TARGET NUMBER: 3
 FILE DATE: 07/21/2003
 FILE TIME: 06:17

POINT#	X	Y
1:	0.411	0.938
2:	-0.063	0.472
3:	0.390	0.233
4:	0.840	0.086
5:	0.193	-0.327
6:	-0.202	-0.150
7:	-0.235	-0.310
8:	-0.012	-0.842
9:	-0.999	-0.201
10:	-0.965	0.463

X CENTROID: -0.064
 Y CENTROID: 0.036
 POA TO CENTROID: 0.074
 HORZ SPREAD: 1.839
 VERT SPREAD: 1.780
 GROUP SPREAD: 1.830
 MIN RADIUS: 0.232
 MAX RADIUS: 1.019
 MEAN RADIUS: 0.676
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300603. __0

TARGET NUMBER: 4

FILE DATE: 07/21/2003

FILE TIME: 06:17

POINT#	X	Y
1:	-1.481	-0.834
2:	-0.720	-0.511
3:	0.431	-0.660
4:	0.058	0.027
5:	-0.420	0.558
6:	-0.228	0.640
7:	0.194	0.819
8:	0.170	0.635
9:	0.489	0.320
10:	0.735	0.396

X CENTROID: -0.077

Y CENTROID: 0.139

POA TO CENTROID: 0.159

HORZ SPREAD: 2.216

VERT SPREAD: 1.653

GROUP SPREAD: 2.534

MIN RADIUS: 0.176

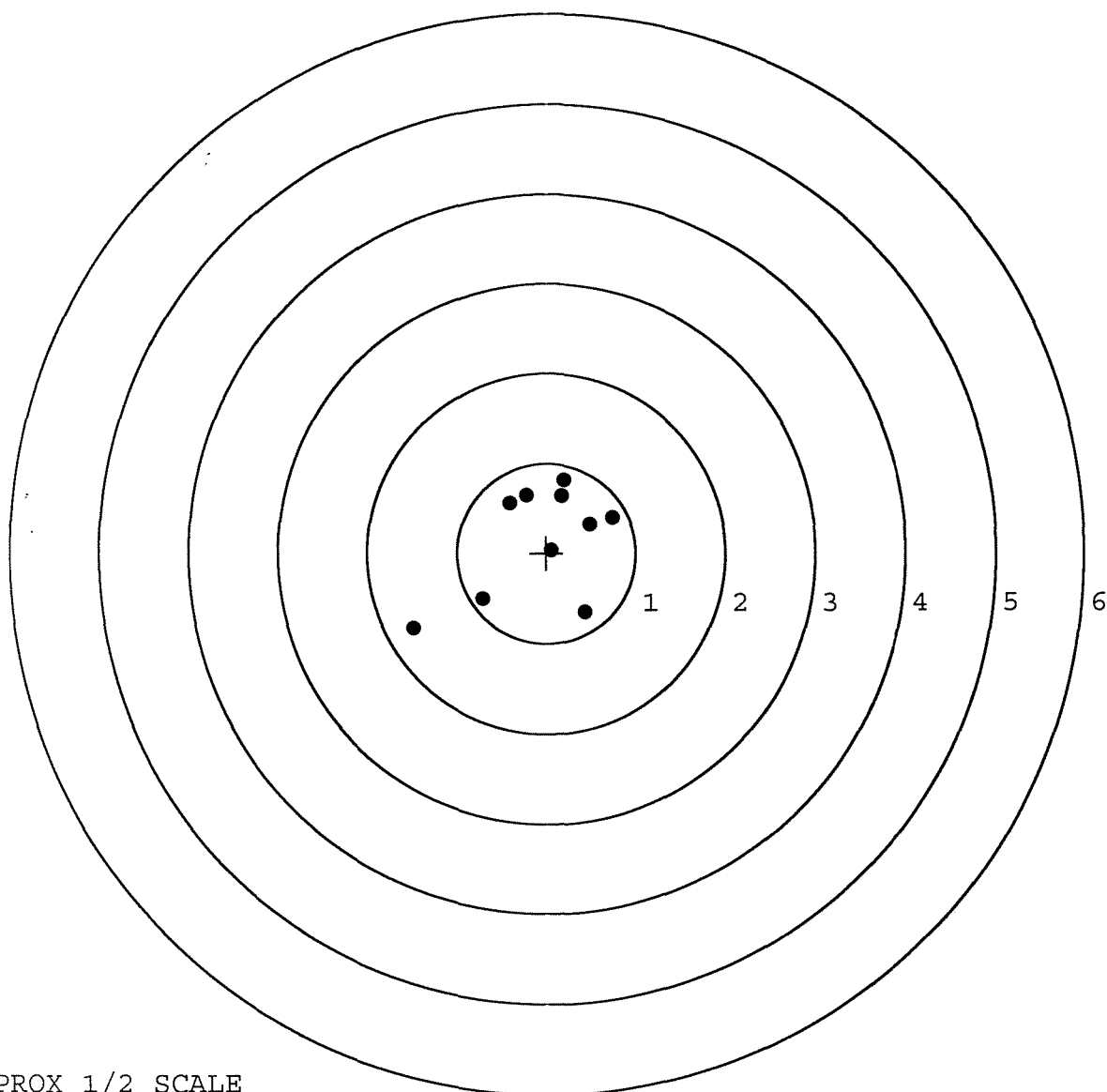
MAX RADIUS: 1.708

MEAN RADIUS: 0.754

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300603. __0

TARGET NUMBER: 5

FILE DATE: 07/21/2003

FILE TIME: 06:17

POINT#	X	Y
1:	0.783	1.024
2:	-0.848	1.020
3:	-0.429	1.223
4:	-0.896	-0.936
5:	0.008	-0.628
6:	0.615	-0.225
7:	0.732	-1.074
8:	-0.322	0.284
9:	-0.084	0.351
10:	-0.230	0.541

X CENTROID: -0.067

Y CENTROID: 0.158

POA TO CENTROID: 0.172

HORZ SPREAD: 1.679

VERT SPREAD: 2.297

GROUP SPREAD: 2.623

MIN RADIUS: 0.194

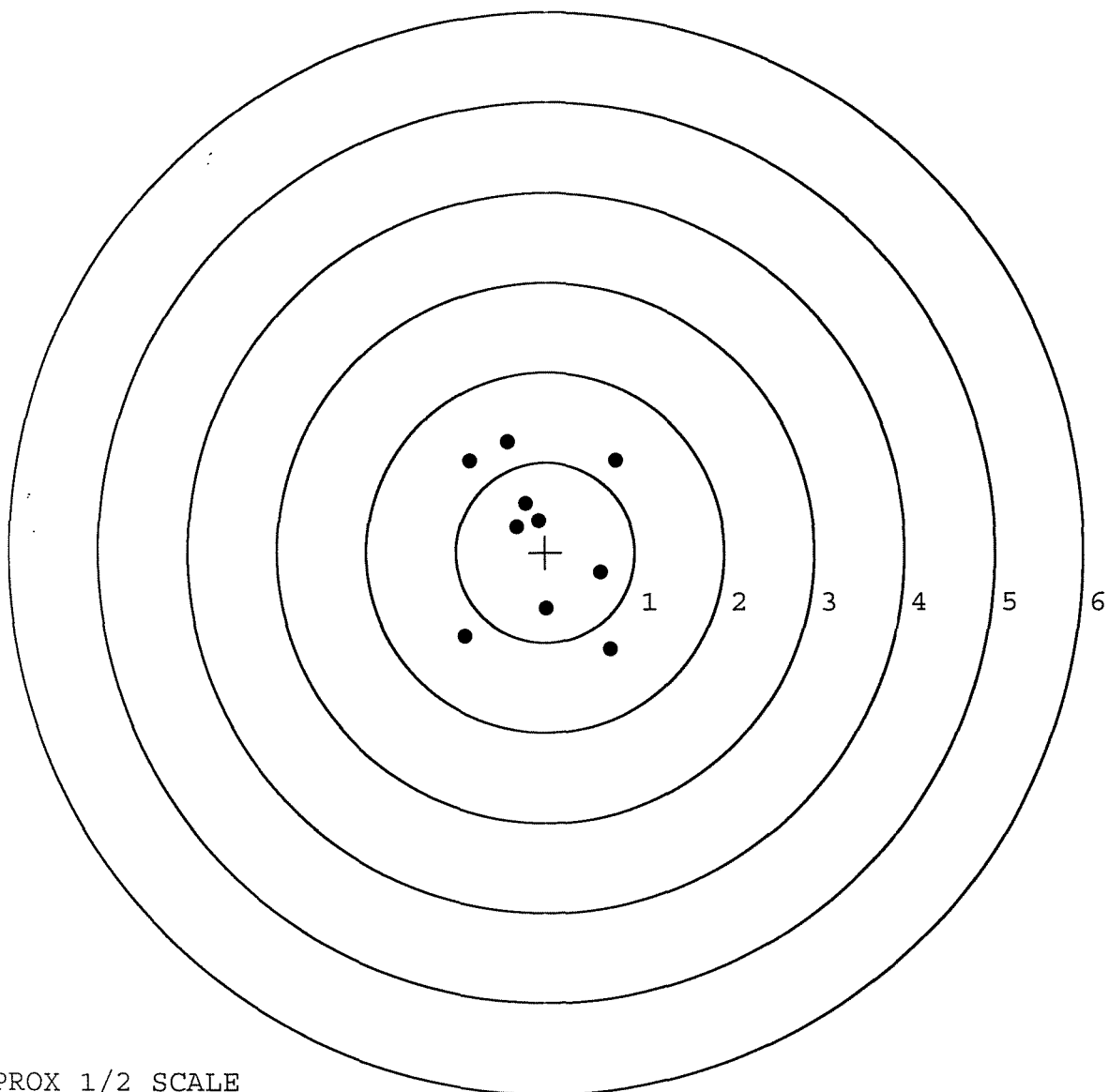
MAX RADIUS: 1.468

MEAN RADIUS: 0.881

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE