

BARBER - M24 0157751

G-6288179

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON**

BARBER - M24 015779157790

BARBER - M24 0157752

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: RE00088310 Serial: G6288179 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 11/23/2004 10:52:04 AM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: DOL MATERIAL CONTROL BRANCH DOL MATERIAL CONTROL BRANCH

Address 1: HQS 3D INF DIV BLDG 2916 HQS 3D INF DIV BLDG 2916

Address 2: 1624 W 6TH ST PO Box 1624 W 6TH ST PO Box

City: FORT STEWART FORT STEWART

State: GA Zip Code: 31314 Country: US State: GA Zip Code: 31314 Country: US

FFL

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Bases	3

Repair Search Refresh Close

11/23/2004 11:07 AM CAPS NUM INS SCPL

start 3 2

Serial Number: G6288179

Model: M24 SWS



RE00088310

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0157752

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6288179.___1
FILE DATE AND TIME: 12/09/2004 11:51

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

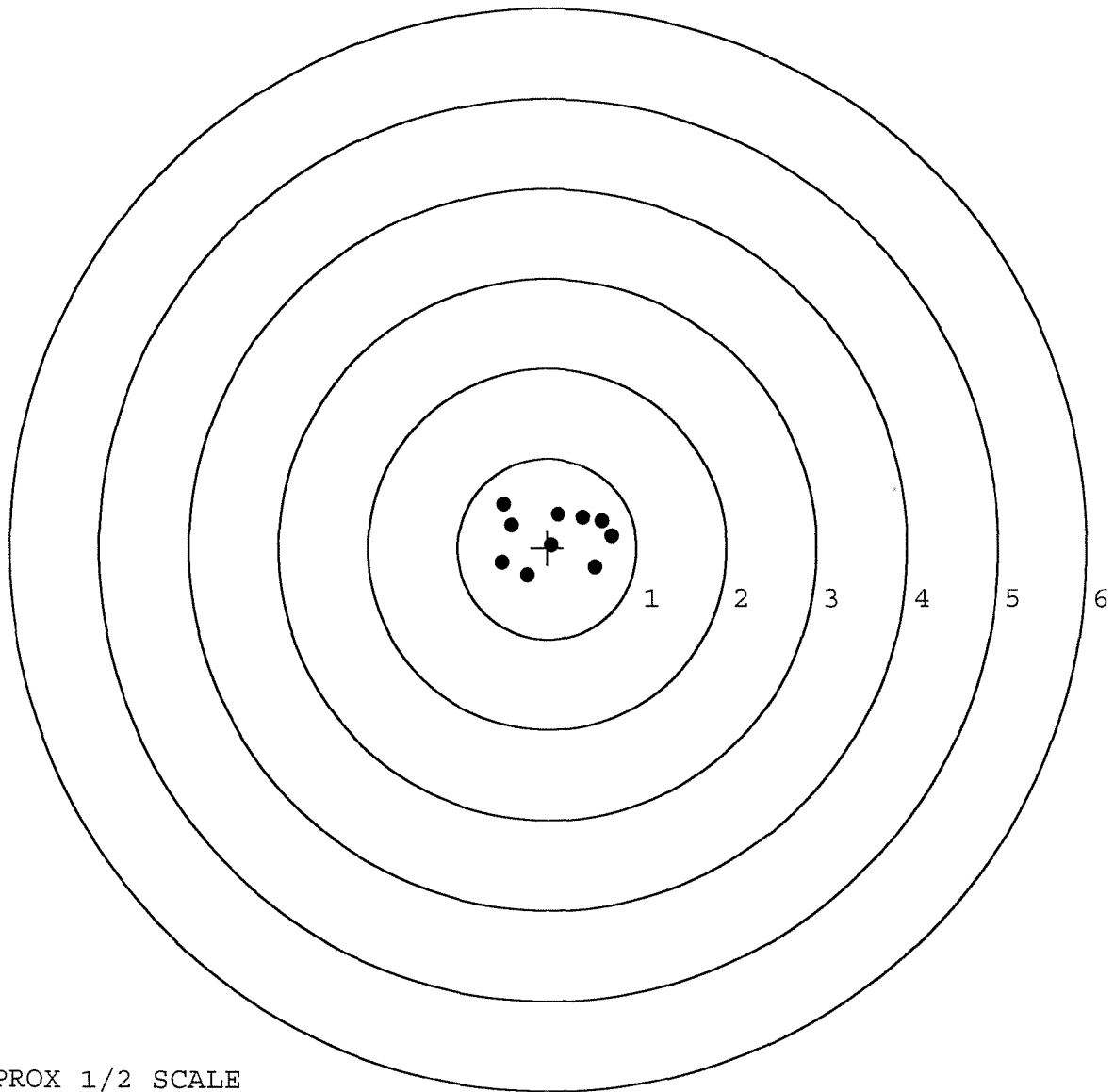
The Average X Centroid of the Five Target Set:	0.033
The Average Y Centroid of the Five Target Set:	-0.013
The Average Point of Impact of the Five Target Set:	0.035
The Average Mean Radius of the Five Target Set:	0.532
The Distance from POA to Centroid Target #1:	0.148
The Distance from Centroid Target #2 to Centroid Target #1:	0.279
The Distance from Centroid Target #3 to Centroid Target #1:	0.239
The Distance from Centroid Target #4 to Centroid Target #1:	0.157
The Distance from Centroid Target #5 to Centroid Target #1:	0.116

BARBER - M24 0157754

SERIAL NUMBER: G6288179. __1
TARGET NUMBER: 1
FILE DATE: 12/09/2004
FILE TIME: 11:51

POINT#	X	Y
1:	0.539	-0.212
2:	0.723	0.139
3:	0.613	0.305
4:	0.399	0.345
5:	0.118	0.371
6:	0.043	0.033
7:	-0.233	-0.301
8:	-0.510	-0.160
9:	-0.412	0.253
10:	-0.499	0.486

X CENTROID: 0.078
Y CENTROID: 0.126
POA TO CENTROID: 0.148
HORZ SPREAD: 1.233
VERT SPREAD: 0.787
GROUP SPREAD: 1.270
MIN RADIUS: 0.099
MAX RADIUS: 0.680
MEAN RADIUS: 0.489
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



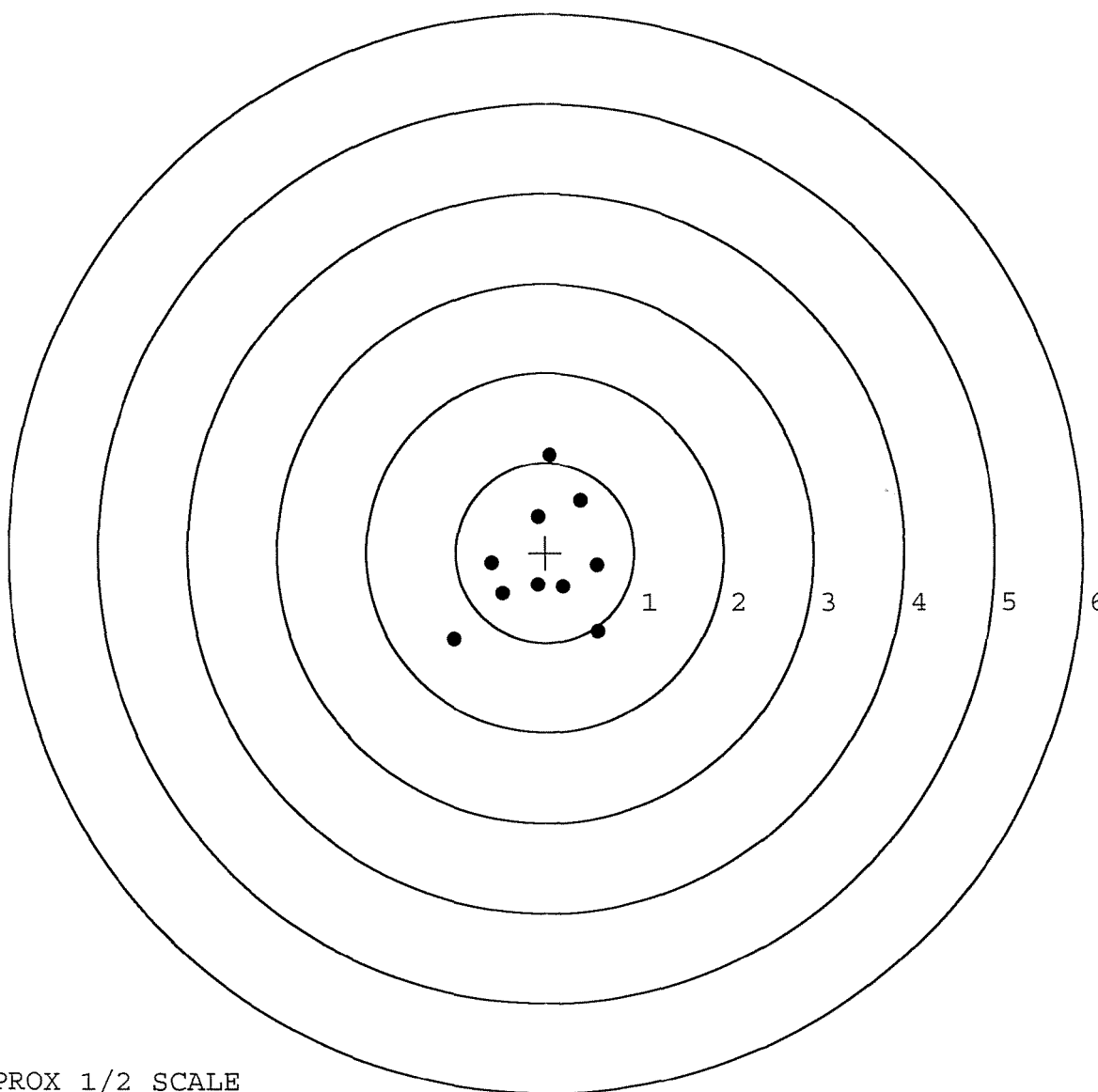
TARGET APPROX 1/2 SCALE

BARBER - M24 0157755

SERIAL NUMBER: G6288179. __1
 TARGET NUMBER: 2
 FILE DATE: 12/09/2004
 FILE TIME: 11:51

X CENTROID: -0.046
 Y CENTROID: -0.125
 POA TO CENTROID: 0.133
 HORZ SPREAD: 1.610
 VERT SPREAD: 2.051
 GROUP SPREAD: 2.314
 MIN RADIUS: 0.244
 MAX RADIUS: 1.288
 MEAN RADIUS: 0.718
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.592	-0.880
2:	-1.018	-0.970
3:	0.581	-0.139
4:	0.394	0.585
5:	-0.087	0.395
6:	0.053	1.081
7:	0.202	-0.378
8:	-0.087	-0.365
9:	-0.485	-0.457
10:	-0.603	-0.118



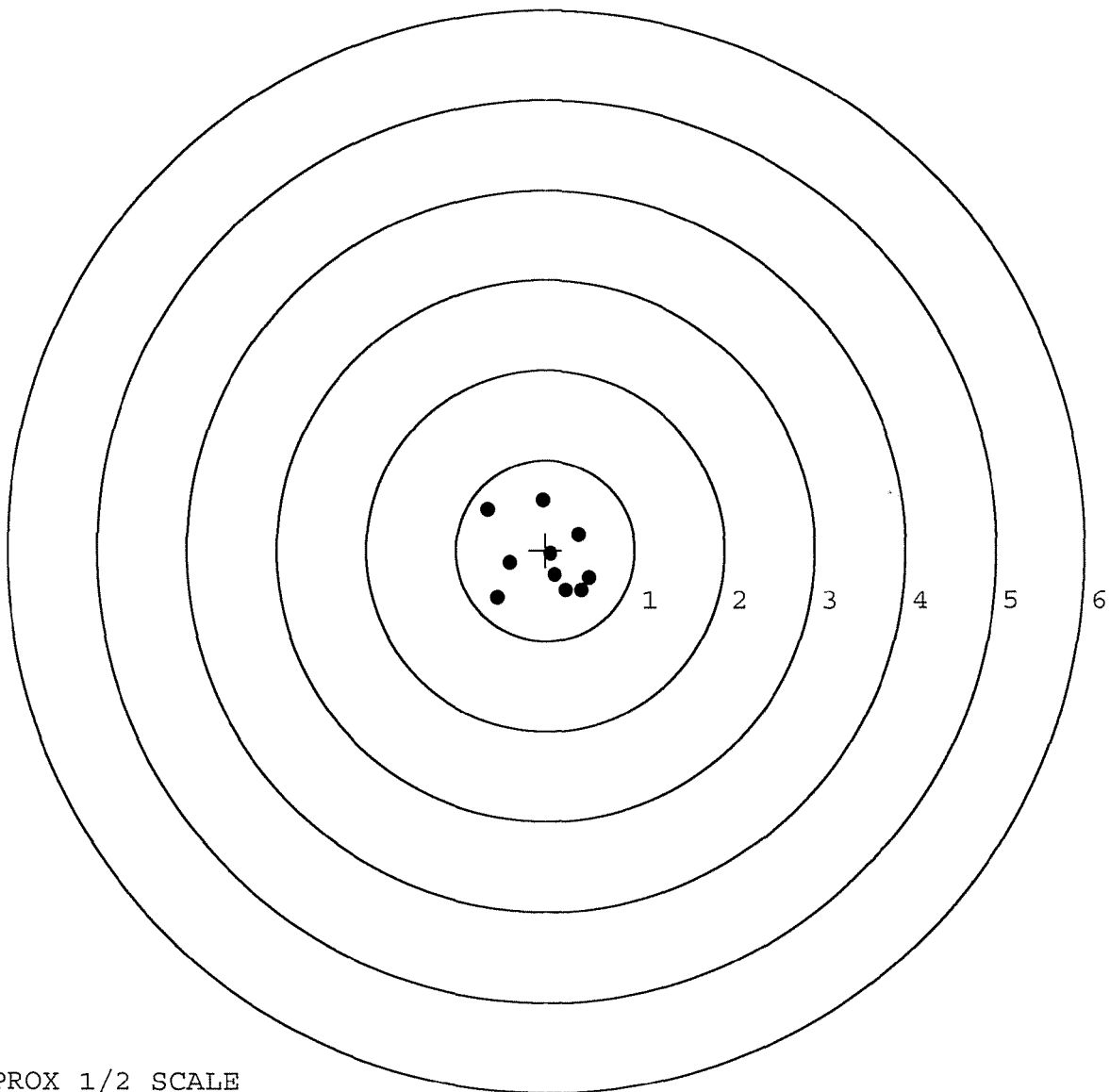
TARGET APPROX 1/2 SCALE

BARBER - M24 0157756

SERIAL NUMBER: G6288179. __1
TARGET NUMBER: 3
FILE DATE: 12/09/2004
FILE TIME: 11:51

X CENTROID: 0.002
Y CENTROID: -0.100
POA TO CENTROID: 0.100
HORZ SPREAD: 1.139
VERT SPREAD: 1.075
GROUP SPREAD: 1.376
MIN RADIUS: 0.082
MAX RADIUS: 0.851
MEAN RADIUS: 0.481
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.039	0.547
2:	-0.647	0.450
3:	-0.540	-0.528
4:	-0.405	-0.144
5:	0.368	0.176
6:	0.057	-0.040
7:	0.101	-0.275
8:	0.492	-0.301
9:	0.403	-0.440
10:	0.228	-0.446



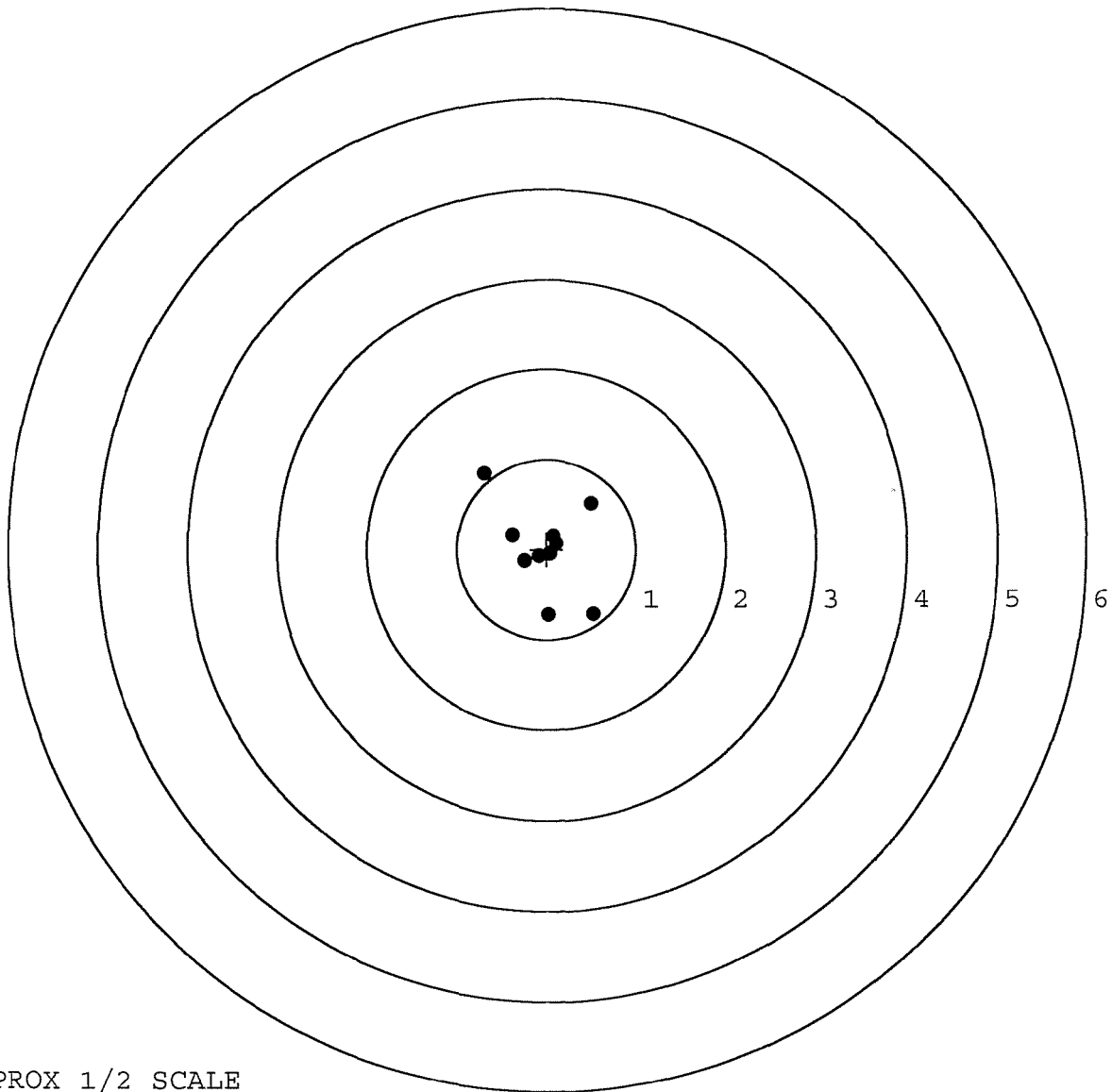
TARGET APPROX 1/2 SCALE

BARBER - M24 0157757

SERIAL NUMBER: G6288179. __1
TARGET NUMBER: 4
FILE DATE: 12/09/2004
FILE TIME: 11:51

POINT#	X	Y
1:	0.525	-0.716
2:	0.016	-0.729
3:	0.494	0.508
4:	-0.700	0.842
5:	0.078	0.141
6:	-0.383	0.154
7:	-0.250	-0.128
8:	-0.090	-0.075
9:	0.035	-0.053
10:	0.112	0.064

X CENTROID: -0.016
Y CENTROID: 0.001
POA TO CENTROID: 0.016
HORZ SPREAD: 1.225
VERT SPREAD: 1.571
GROUP SPREAD: 1.982
MIN RADIUS: 0.074
MAX RADIUS: 1.084
MEAN RADIUS: 0.459
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



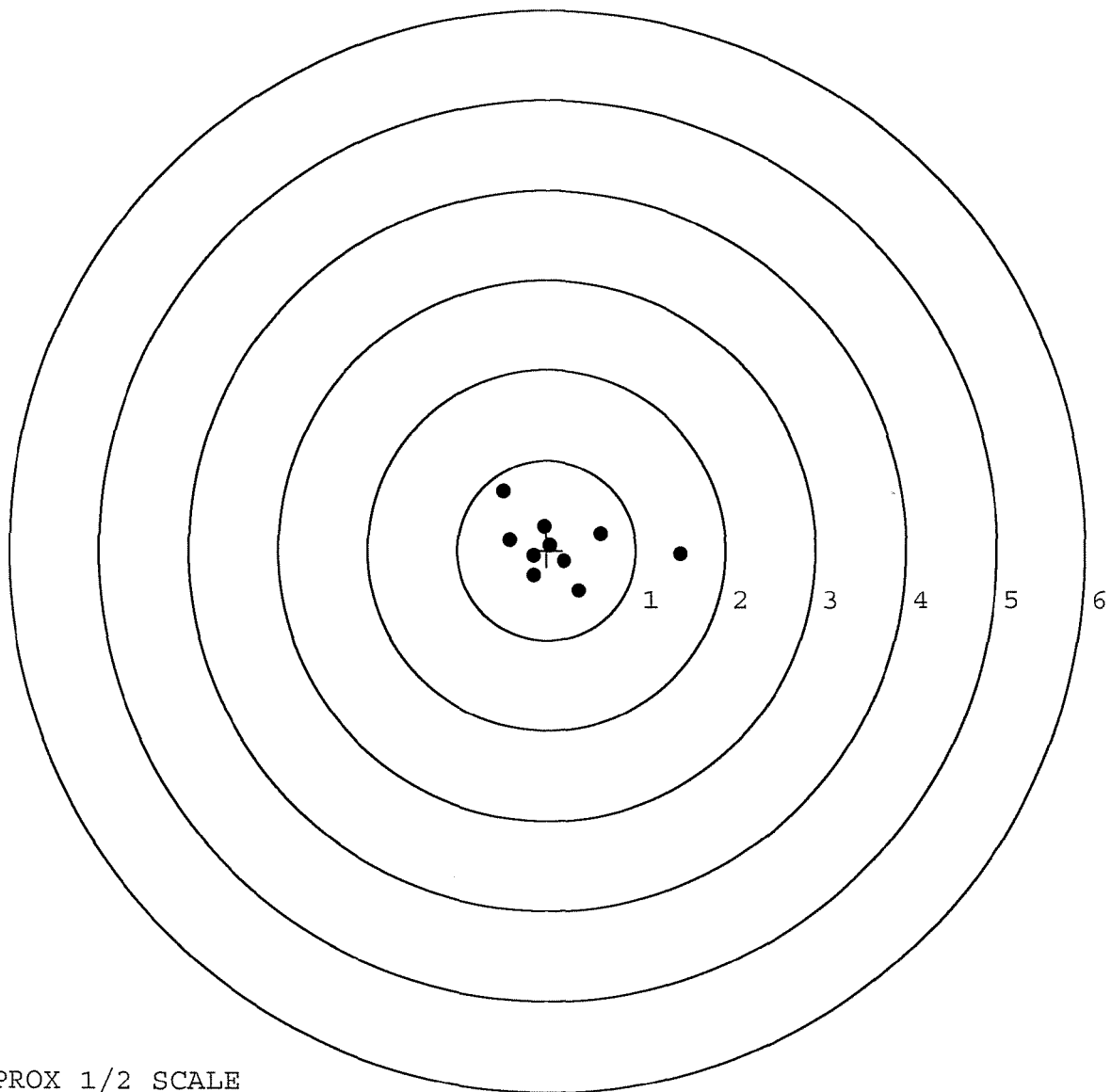
TARGET APPROX 1/2 SCALE

BARBER - M24 0157758

SERIAL NUMBER: G6288179. __1
TARGET NUMBER: 5
FILE DATE: 12/09/2004
FILE TIME: 11:51

POINT#	X	Y
1:	0.606	0.190
2:	0.363	-0.451
3:	1.504	-0.037
4:	-0.489	0.654
5:	-0.414	0.118
6:	-0.151	-0.280
7:	-0.032	0.264
8:	0.198	-0.121
9:	-0.149	-0.063
10:	0.036	0.058

X CENTROID: 0.147
Y CENTROID: 0.033
POA TO CENTROID: 0.151
HORZ SPREAD: 1.993
VERT SPREAD: 1.105
GROUP SPREAD: 2.109
MIN RADIUS: 0.114
MAX RADIUS: 1.359
MEAN RADIUS: 0.514
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

FINAL INSPECTION CHECKLIST M-24 REPAIRS

CONTRACT #: DAAE-20-02-D-0127

SERIAL #

G6288179

INSPECTED BY:

A

DATE REC'D:

11-23-04

DATE RET'D:

12-10-04

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:

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

R & E NUMBER	88310	Supp # 4364	
SERIAL NUMBER	G6288179		
LOG-IN DATE	11-23-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-29-04	RTZ
560 A	RE-BARREL	12-1-04	RTZ
B	DRILL AND TAP	N/A	TRW
575	ASSEMBLE	12-2-04	RTZ
600	PROOF	12-2-04	RTZ
605	CHECK HEADSPACE	12-2-04	RTZ
610	DIS-ASSEMBLE GUN	12-3-04	RTZ
612	MAGNAFLUX	OPERATOR	RTZ
615	ROLLMARK CALIBER	12-3-04	SS
618	ROTO-BLAST	12-6-04	LB
620	APPLY COATINGS	12-7-04	HP
625 A	FINAL ASSEMBLY	12-9-04	RTZ
B	TRIGGER PULL TEST		N.A.
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	12-9-04	TRW
655	FINAL INSPECT	12-10-04	AL
660	PACK	12-10-04	DA
		SHIP DATE	
QAR INSPECTION DATE			

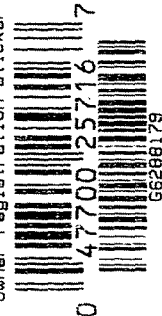
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

- INSTRUCTION BOOK 3518

proof of purchase



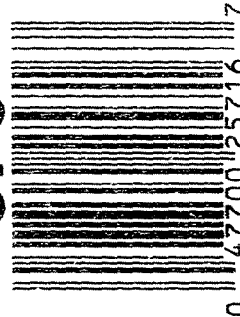
owner registration sticker



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6288179

UPC



DD FORM

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

Remington®

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

DD

Serial NO.
G6288179

ORDER NO.
25716

09XX

Made in Ilion, NY Reg. U.S. Pat. & Im. Off. Marca Registrada Perque Deposee.



5716 G6288179

ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYST
UPC



ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYST
UPC



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # C6288179

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		11-6-03	RTL
600	PROOF		11-7-03	AC
607	CHECK HEADSPACE	INSPECTED	11-7-03	AC
610	DIS-ASSEMBLE GUN	NOV 17 2003	11-7-03	RTL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	OPERATOR <u>BS</u>	11-7-03	
615	ROLLMARK CALIBER		11-10-03	BS
617	DRILL AND TAP SIGHT HOLES		11-7-03	RTL
620	APPLY COATINGS (BARREL ACTION)			
	(BOLT)			
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		11-19-03	RTL
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		11-19-03	RTL
	C) INSPECT EJECTOR HOLE FOR CHAMFER		11-19-03	RTL
	D) OIL FIRING PIN ASSEMBLY		11-19-03	RTL
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

OP #	OPERATION NAME	57764	READINGS			DATE	INITIAL		
625	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>7</u>	<u>7</u>	<u>7</u>	12/3/03	RU		
CONT.									
	G) SAFETY OFF FORCE	2 LBS MIN	<u>2</u>	<u>2</u>	<u>2</u>	12/3/03	RU		
	H) TRIGGER PULL TEST AND RETAINABILITY								
	I) FIRING PIN INDENT	.020 MIN	<u>.025</u>	<u>.024</u>	<u>.024</u>	12/3/03	RU		
	J) ASSEMBLE STOCK					11-20-03	RTL		
	K) ASSEMBLE SWIVEL STUDS					12-4-03	RTL		
	L) ATTACH FRONT AND REAR SIGHT ASSY'S					11-20-03	RTL		
	M) IRON SIGHT ALIGNMENT					11-20-03	RTL		
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER					11-20-03	RTL		
640	GALLERY TEST AND TARGET		PASS	FAIL		11-21-03	A		
	MALFUNCTION	3AC	CORRECTION	11-26-03	OK	11-21-03	A		
	MALFUNCTION		CORRECTION			11-21-03	A		
	MALFUNCTION		CORRECTION			11-21-03	A		
	MALFUNCTION		CORRECTION			11-21-03	Ac		
645	INSPECT FOR LIVE AMMO					11-21-03	Ac		
655	FINAL INSPECTION A) HEADSPACE					12-4-03	RTL		
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.92</u>	<u>2.93</u>	<u>2.90</u>	<u>2.96</u>	<u>2.94</u>	12/3/03	RU
	C) FUNCTION					12-4-03	RTL		
660	PACK					12/5/03	RA		

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

BARBER - M24 0157765

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 11-19-03

TESTER

TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.45	2.83		2.36	
PULL #2	2.47	2.35		2.35	
PULL #3	2.70	2.56		2.33	
PULL #4	2.77	2.59		2.24	
PULL #5	2.44	2.32		2.23	
TOTAL	12.83	12.65		11.51	
AVERAGE	2.56	2.53		2.30	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.35	3.46		
PULL #2	3.13	3.59		
PULL #3	3.31	3.49		
PULL #4	3.03	3.48		
PULL #5	3.14	3.43		
TOTAL	15.96	17.45		
AVERAGE	3.19	3.49		

	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	4.05	4.35		3.91
PULL #2	4.24	4.32		3.85
PULL #3	4.11	4.29		3.94
PULL #4	4.06	4.39		3.91
PULL #5	4.14	4.13		3.94
TOTAL	20.60	21.48		19.55
AVERAGE	4.12	4.29		3.91

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6288179.____0
FILE DATE AND TIME: 11/21/2003 10:33

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.029
The Average Y Centroid of the Five Target Set:	-0.013
The Average Point of Impact of the Five Target Set:	0.032
The Average Mean Radius of the Five Target Set:	0.621
The Distance from POA to Centroid Target #1:	0.169
The Distance from Centroid Target #2 to Centroid Target #1:	0.260
The Distance from Centroid Target #3 to Centroid Target #1:	0.214
The Distance from Centroid Target #4 to Centroid Target #1:	0.467
The Distance from Centroid Target #5 to Centroid Target #1:	0.102

BARBER - M24 0157767

SERIAL NUMBER: G6288179. __0

TARGET NUMBER: 1

FILE DATE: 11/21/2003

FILE TIME: 10:33

POINT#	X	Y
1:	0.542	0.920
2:	0.298	0.788
3:	-0.942	0.506
4:	-1.021	-0.406
5:	-0.343	0.187
6:	-0.225	0.048
7:	0.486	0.080
8:	-0.093	-0.101
9:	0.072	-0.739
10:	-0.464	-1.238

X CENTROID: -0.169

Y CENTROID: 0.005

POA TO CENTROID: 0.169

HORZ SPREAD: 1.563

VERT SPREAD: 2.158

GROUP SPREAD: 2.381

MIN RADIUS: 0.071

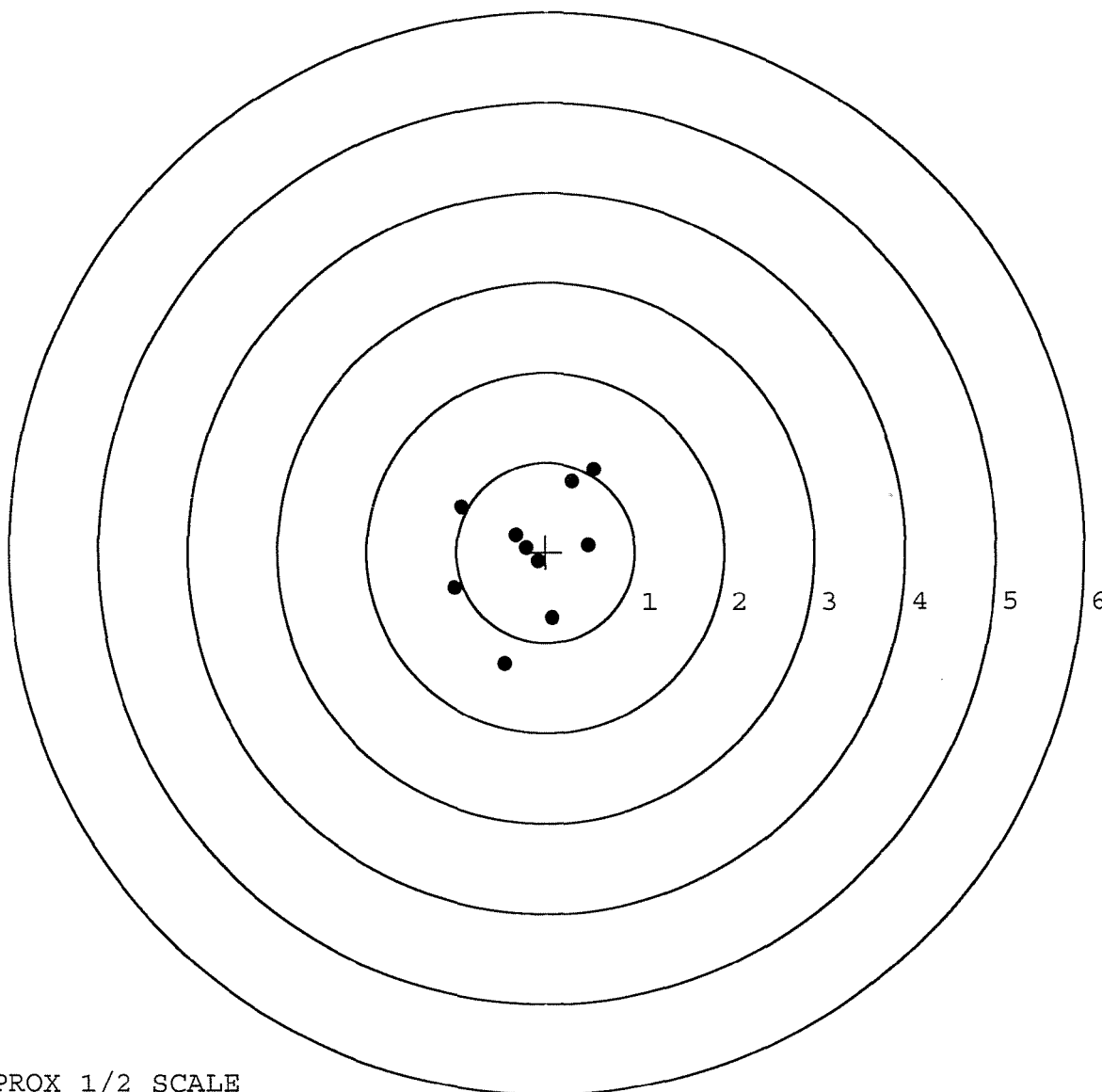
MAX RADIUS: 1.277

MEAN RADIUS: 0.711

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0157768

SERIAL NUMBER: G6288179. __0

TARGET NUMBER: 2

FILE DATE: 11/21/2003

FILE TIME: 10:33

POINT#	X	Y
1:	0.820	1.453
2:	-0.538	0.322
3:	-1.514	-0.596
4:	-0.194	-0.774
5:	0.155	-0.134
6:	0.253	0.694
7:	-0.144	0.253
8:	0.028	0.316
9:	0.179	0.461
10:	0.114	0.506

X CENTROID: -0.084

Y CENTROID: 0.250

POA TO CENTROID: 0.264

HORZ SPREAD: 2.334

VERT SPREAD: 2.227

GROUP SPREAD: 3.106

MIN RADIUS: 0.060

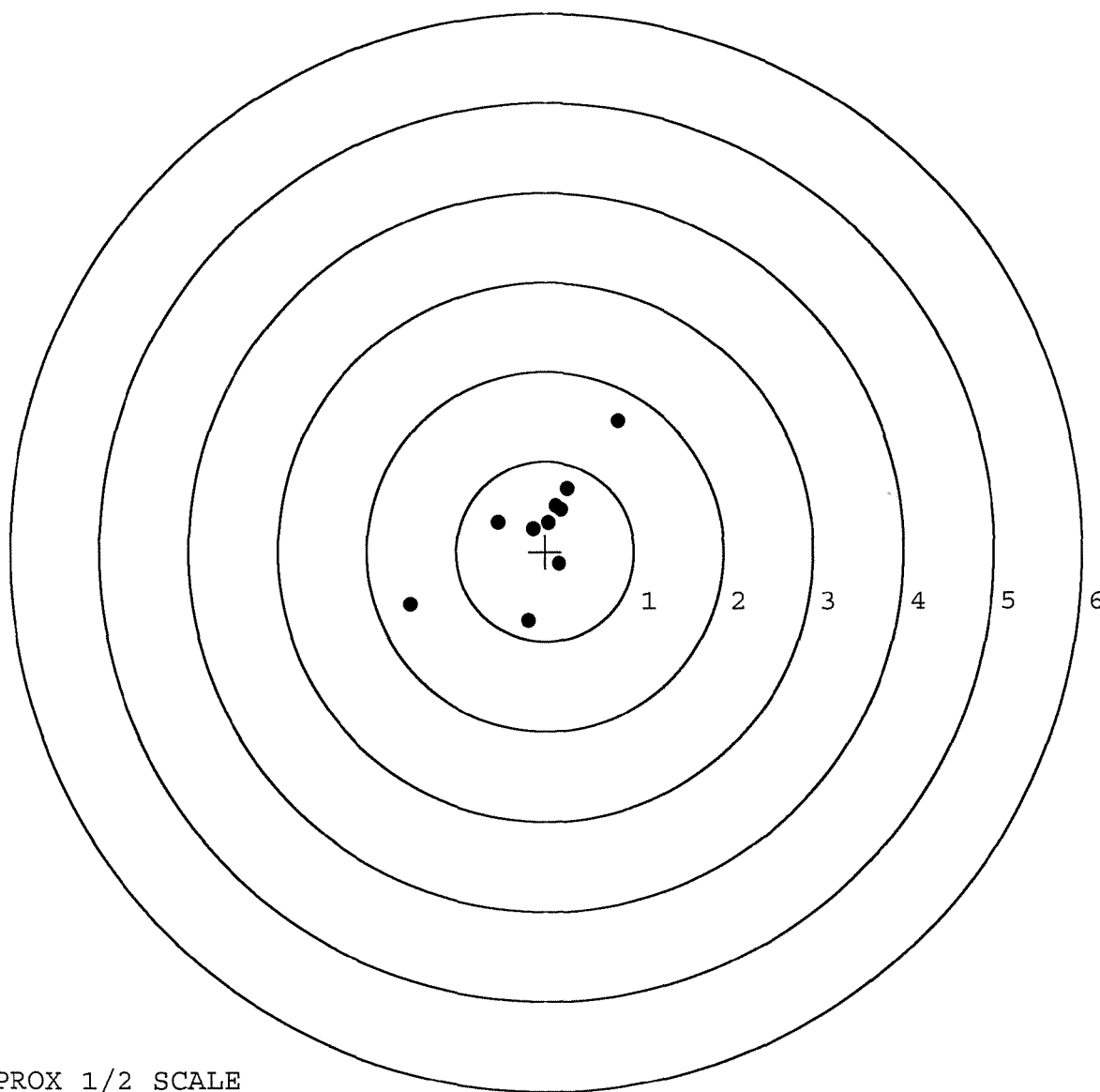
MAX RADIUS: 1.661

MEAN RADIUS: 0.652

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0157769

SERIAL NUMBER: G6288179. __0

TARGET NUMBER: 3

FILE DATE: 11/21/2003

FILE TIME: 10:33

POINT#	X	Y
1:	0.637	0.851
2:	0.576	0.408
3:	-0.217	-0.769
4:	-0.583	-0.062
5:	-0.256	0.223
6:	0.130	0.162
7:	0.264	-0.029
8:	-0.061	-0.281
9:	-0.154	0.001
10:	0.062	0.001

X CENTROID: 0.040

Y CENTROID: 0.050

POA TO CENTROID: 0.064

HORZ SPREAD: 1.220

VERT SPREAD: 1.620

GROUP SPREAD: 1.831

MIN RADIUS: 0.054

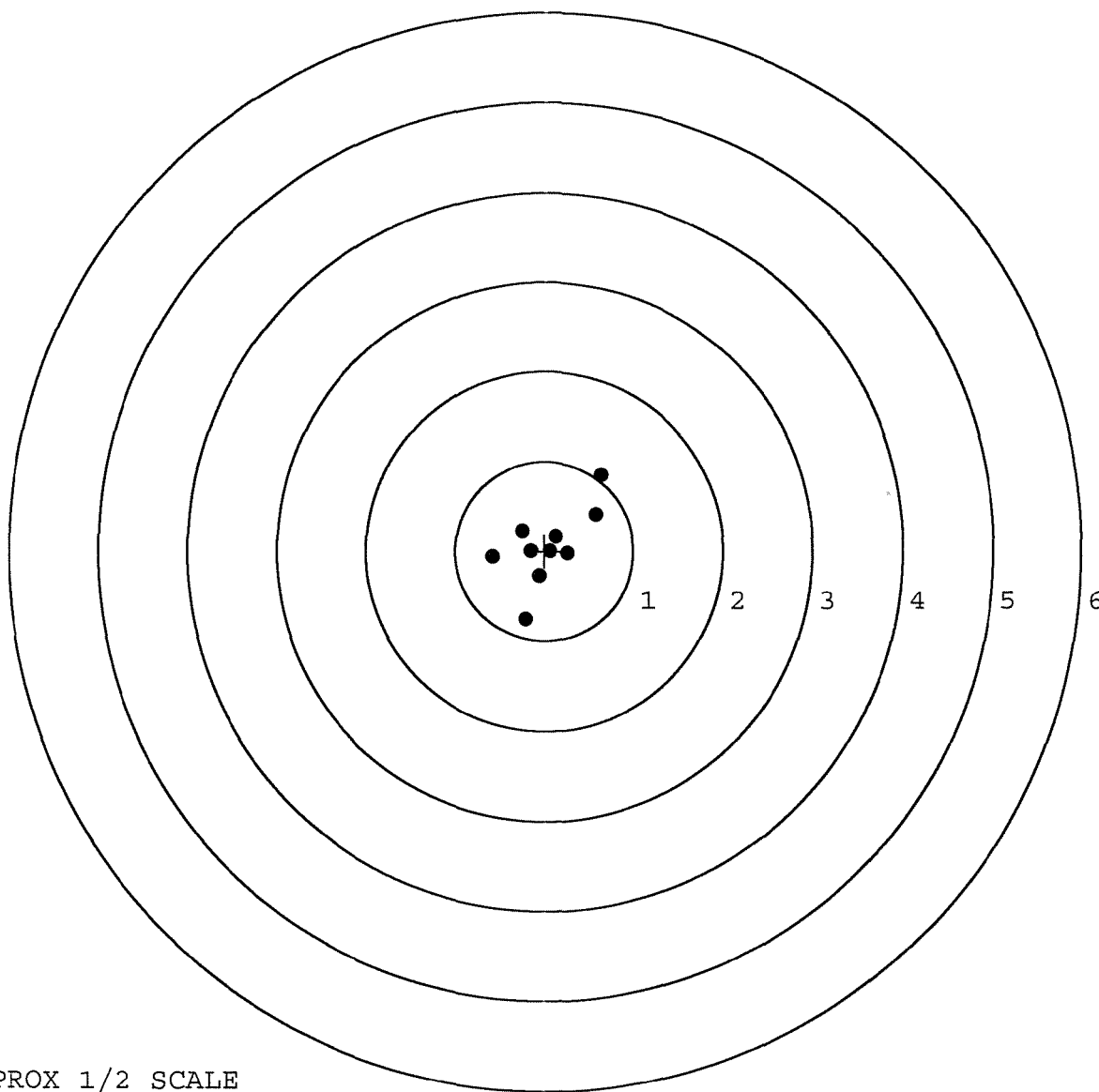
MAX RADIUS: 0.999

MEAN RADIUS: 0.446

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0157770

SERIAL NUMBER: G6288179. __0

TARGET NUMBER: 4

FILE DATE: 11/21/2003

FILE TIME: 10:33

POINT#	X	Y
1:	1.292	-0.210
2:	0.922	-0.321
3:	0.043	-1.360
4:	-0.396	-0.574
5:	-0.167	-0.617
6:	-0.035	-0.326
7:	-0.073	-0.049
8:	0.037	0.412
9:	0.331	0.119
10:	0.056	0.117

X CENTROID: 0.201

Y CENTROID: -0.281

POA TO CENTROID: 0.345

HORZ SPREAD: 1.688

VERT SPREAD: 1.772

GROUP SPREAD: 1.727

MIN RADIUS: 0.240

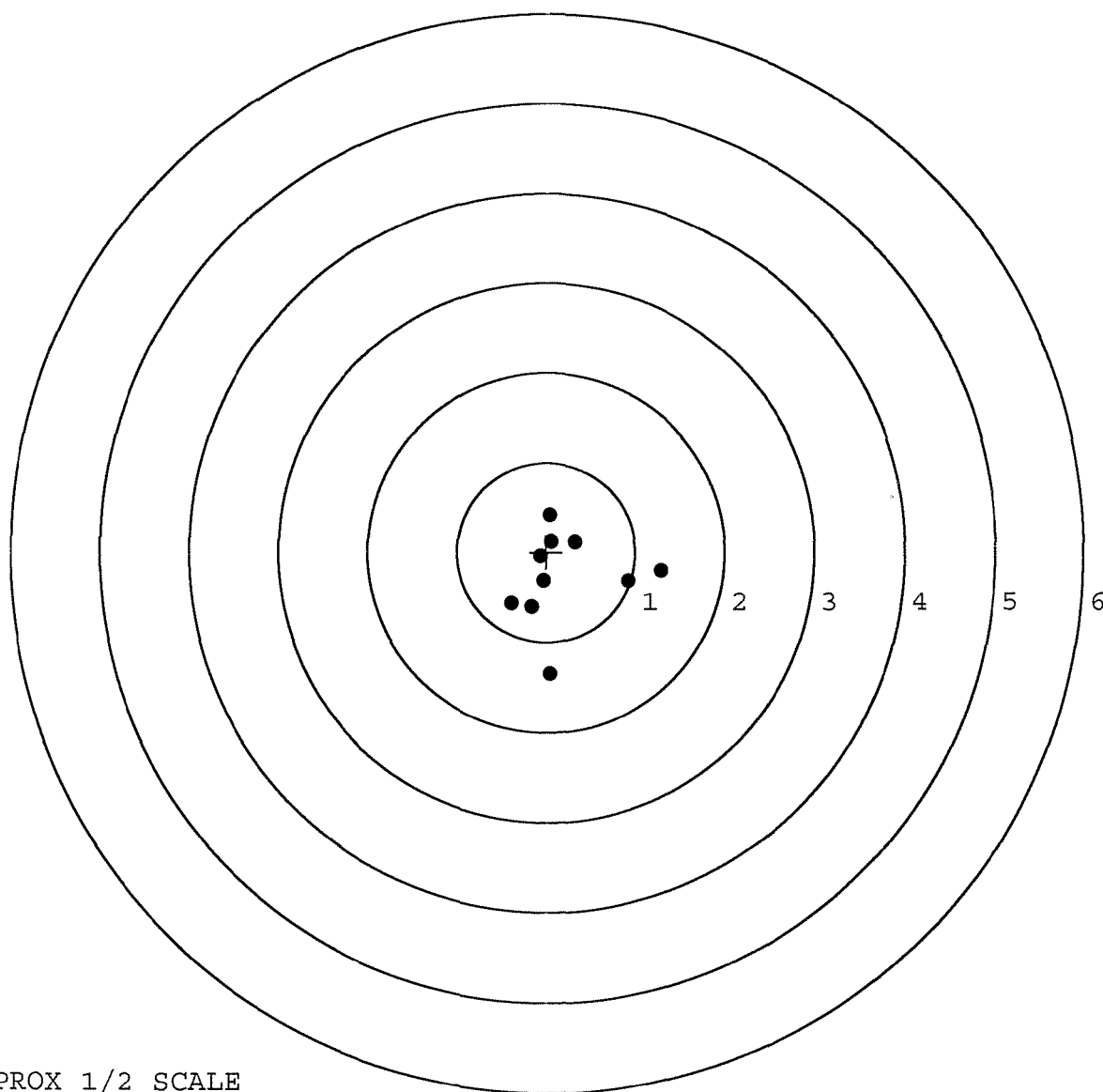
MAX RADIUS: 1.093

MEAN RADIUS: 0.622

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0157771

SERIAL NUMBER: G6288179. __0

TARGET NUMBER: 5

FILE DATE: 11/21/2003

FILE TIME: 10:33

POINT#	X	Y
1:	0.133	0.792
2:	-0.128	0.314
3:	0.324	0.338
4:	0.649	0.056
5:	-0.537	0.224
6:	-0.790	-0.424
7:	-1.071	-0.488
8:	-0.320	-0.518
9:	-0.029	-0.438
10:	0.433	-0.770

X CENTROID: -0.134

Y CENTROID: -0.091

POA TO CENTROID: 0.162

HORZ SPREAD: 1.720

VERT SPREAD: 1.562

GROUP SPREAD: 1.804

MIN RADIUS: 0.362

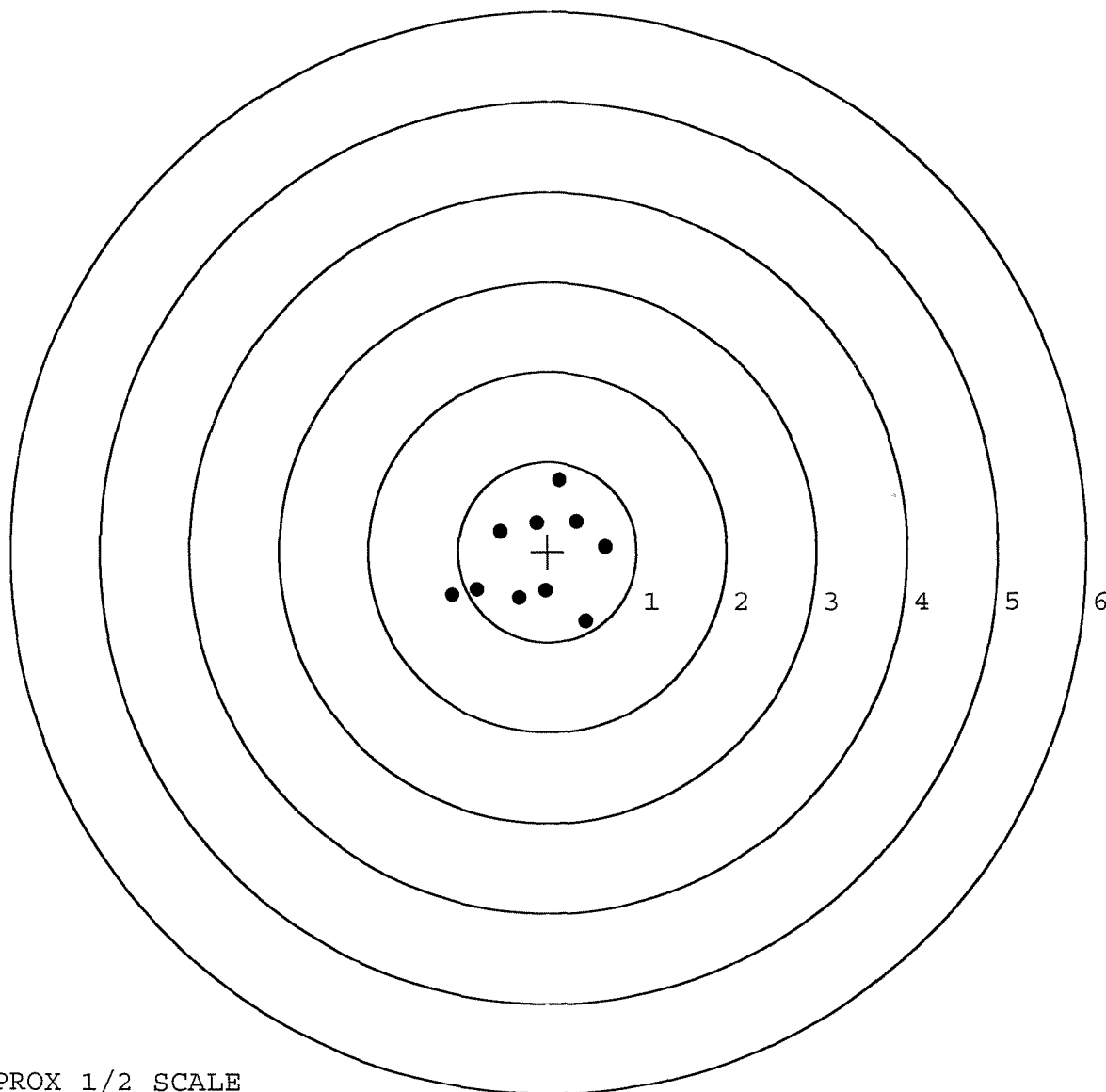
MAX RADIUS: 1.018

MEAN RADIUS: 0.673

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE