

BARBER - M24 0158728

U6296718

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

BARBER - M24 0158728 M2400158767

BARBER - M24 0158729

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: RE00088314

Serial: G6296718 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 11/23/2004 10:52:30 AM

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 Base	3

Repair Search

Refresh

Close

negletj

11/23/2004

11:08 AM

CAPS

NUM

INS

SCPL

start

3

3

3

3

2

5

1

1

Serial Number: G6296718

Model: M24 SWS



RE00088314

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0158729

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6296718.___1
FILE DATE AND TIME: 12/10/2004 07:49

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

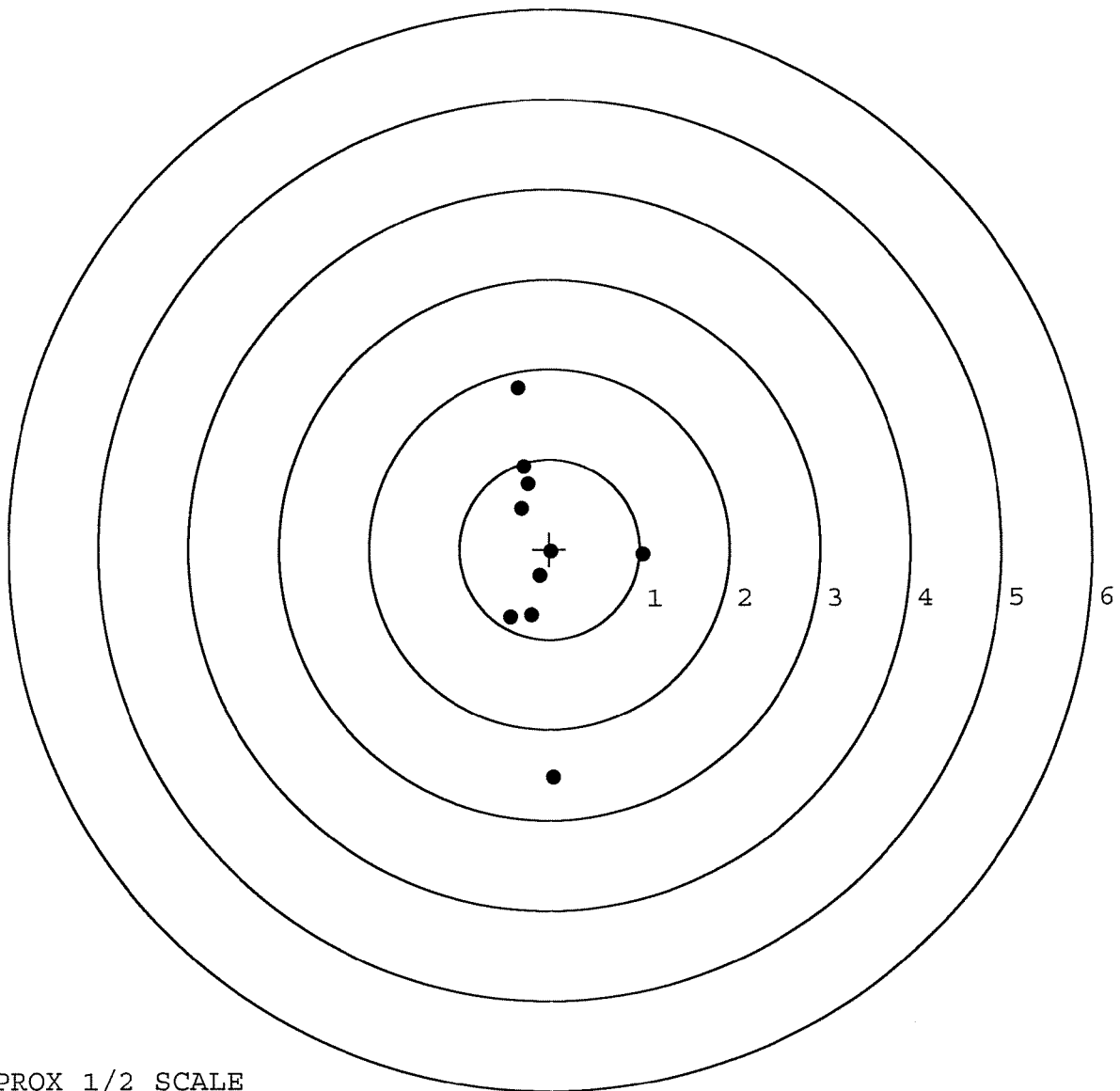
The Average X Centroid of the Five Target Set:	0.021
The Average Y Centroid of the Five Target Set:	-0.091
The Average Point of Impact of the Five Target Set:	0.093
The Average Mean Radius of the Five Target Set:	0.781
The Distance from POA to Centroid Target #1:	0.099
The Distance from Centroid Target #2 to Centroid Target #1:	0.335
The Distance from Centroid Target #3 to Centroid Target #1:	0.076
The Distance from Centroid Target #4 to Centroid Target #1:	0.120
The Distance from Centroid Target #5 to Centroid Target #1:	0.212

BARBER - M24 0158731

SERIAL NUMBER: G6296718. __1
TARGET NUMBER: 1
FILE DATE: 12/10/2004
FILE TIME: 07:49

X CENTROID: -0.083
Y CENTROID: -0.054
POA TO CENTROID: 0.099
HORZ SPREAD: 1.469
VERT SPREAD: 4.326
GROUP SPREAD: 4.343
MIN RADIUS: 0.103
MAX RADIUS: 2.488
MEAN RADIUS: 0.963
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.040	-2.539
2:	-0.203	-0.734
3:	-0.434	-0.754
4:	1.035	-0.069
5:	-0.108	-0.297
6:	0.016	-0.028
7:	-0.311	0.451
8:	-0.239	0.723
9:	-0.285	0.918
10:	-0.344	1.787



TARGET APPROX 1/2 SCALE

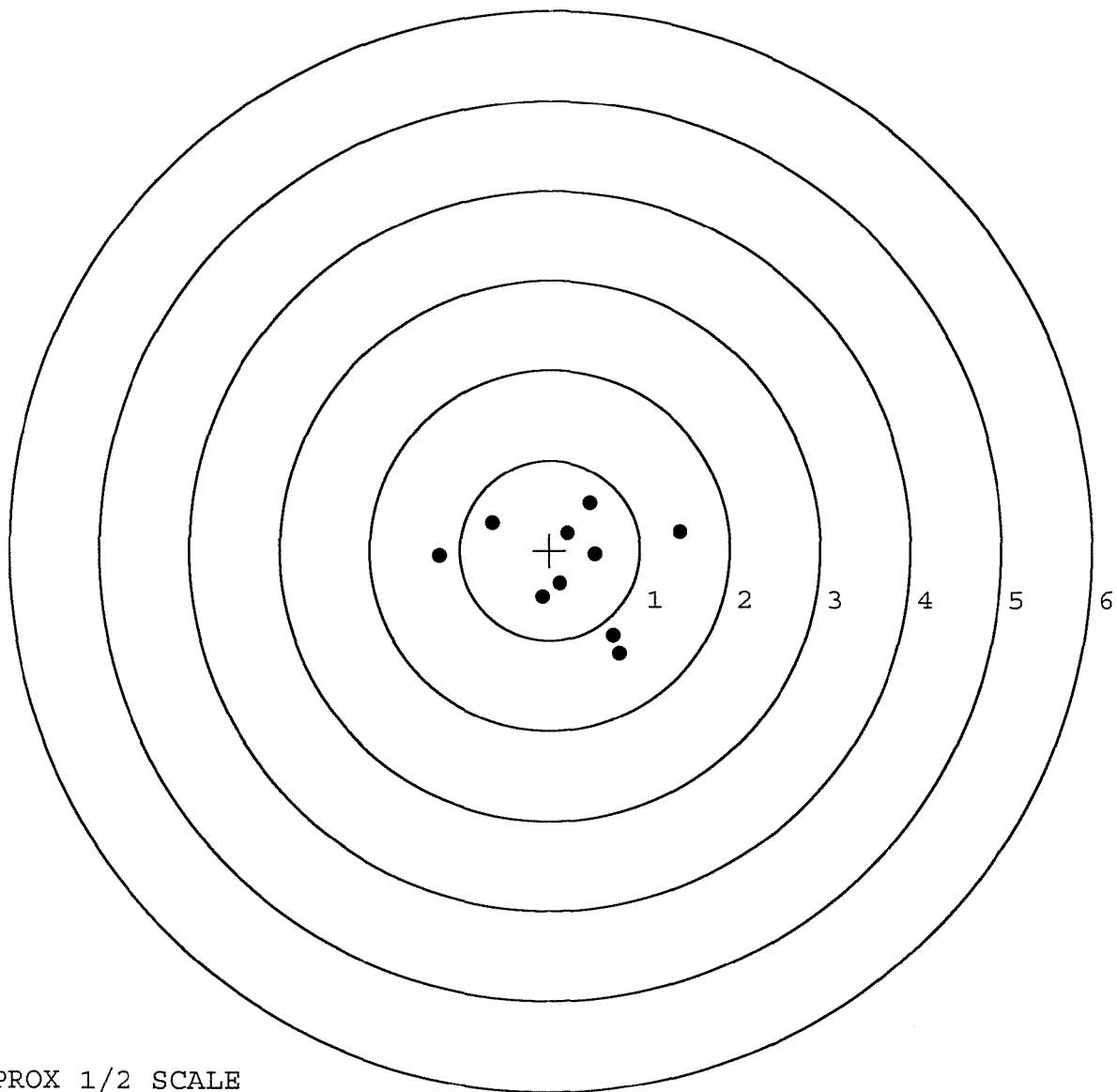
BARBER - M24 0158732

SERIAL NUMBER: G6296718. 1
TARGET NUMBER: 2
FILE DATE: 12/10/2004
FILE TIME: 07:49

X CENTROID: 0.225
Y CENTROID: -0.185
POA TO CENTROID: 0.292
HORZ SPREAD: 2.675
VERT SPREAD: 1.679
GROUP SPREAD: 2.689
MIN RADIUS: 0.216
MAX RADIUS: 1.462
MEAN RADIUS: 0.787

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.780	-1.147
2:	0.711	-0.947
3:	-0.083	-0.522
4:	0.116	-0.371
5:	0.513	-0.042
6:	0.198	0.190
7:	0.447	0.532
8:	-0.641	0.310
9:	-1.231	-0.062
10:	1.444	0.210



TARGET APPROX 1/2 SCALE

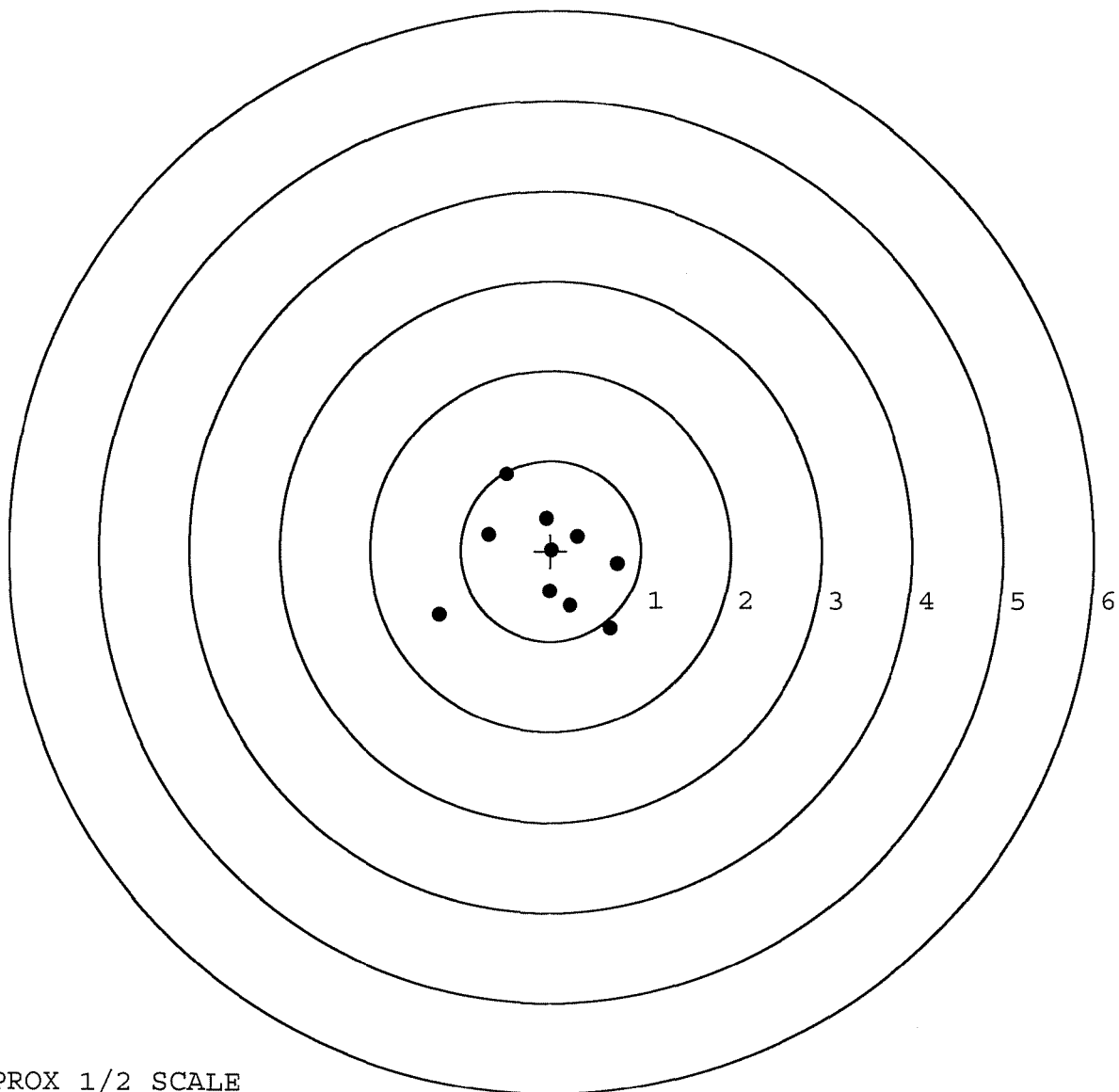
BARBER - M24 0158733

SERIAL NUMBER: G6296718. __1
TARGET NUMBER: 3
FILE DATE: 12/10/2004
FILE TIME: 07:49

X CENTROID: -0.052
Y CENTROID: -0.123
POA TO CENTROID: 0.134
HORZ SPREAD: 1.979
VERT SPREAD: 1.704
GROUP SPREAD: 2.057
MIN RADIUS: 0.147
MAX RADIUS: 1.319
MEAN RADIUS: 0.689

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.671	-0.860
2:	0.745	-0.149
3:	-0.490	0.844
4:	-0.689	0.177
5:	-1.234	-0.709
6:	-0.047	0.360
7:	0.305	0.158
8:	0.009	0.010
9:	-0.018	-0.452
10:	0.225	-0.612



TARGET APPROX 1/2 SCALE

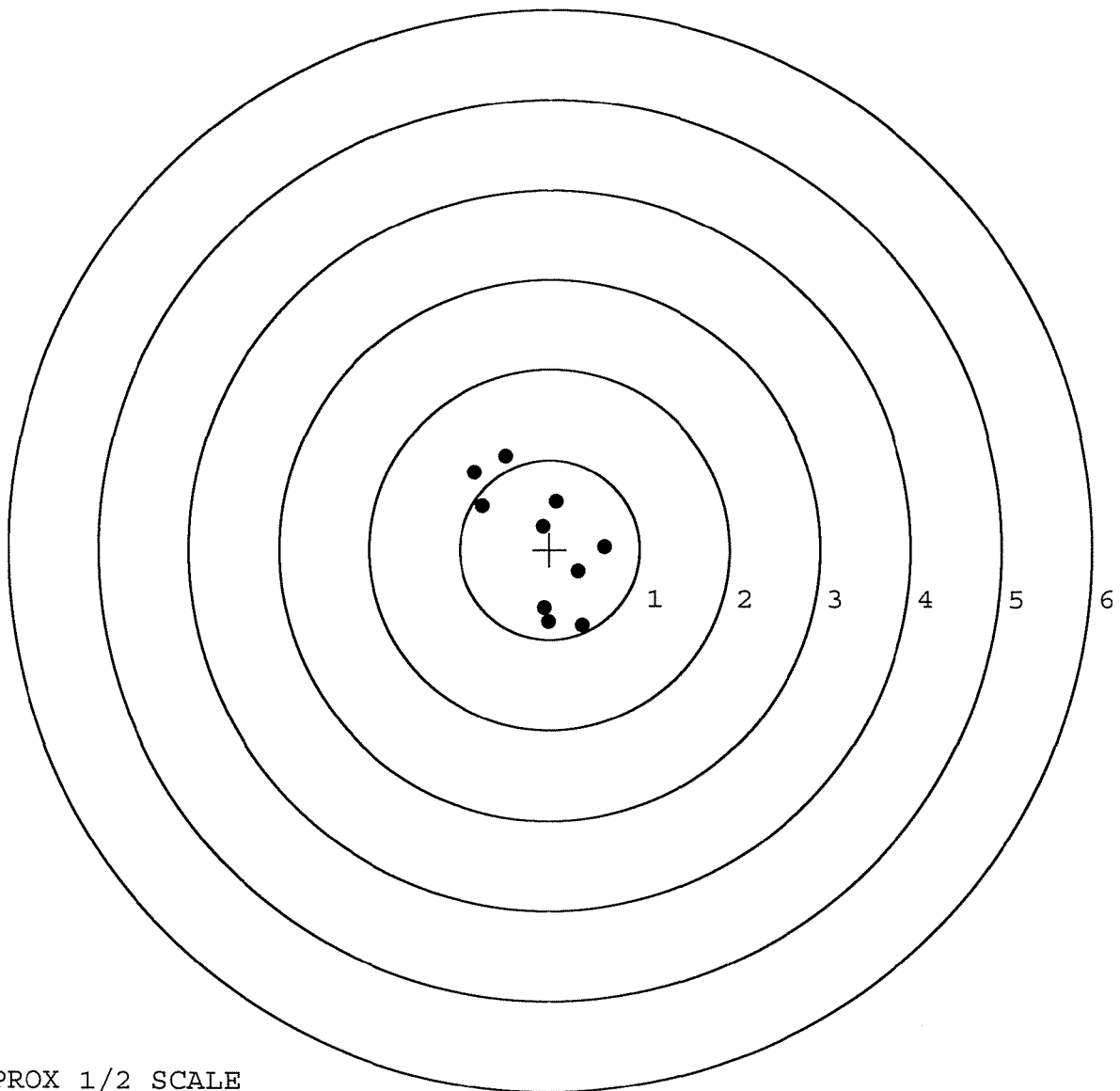
BARBER - M24 0158734

SERIAL NUMBER: G6296718. __1
TARGET NUMBER: 4
FILE DATE: 12/10/2004
FILE TIME: 07:49

X CENTROID: -0.086
Y CENTROID: 0.066
POA TO CENTROID: 0.108
HORZ SPREAD: 1.454
VERT SPREAD: 1.896
GROUP SPREAD: 2.100
MIN RADIUS: 0.191
MAX RADIUS: 1.097
MEAN RADIUS: 0.747

IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.370	-0.853
2:	-0.016	-0.812
3:	-0.066	-0.654
4:	0.321	-0.244
5:	0.615	0.032
6:	-0.079	0.257
7:	0.075	0.537
8:	-0.752	0.490
9:	-0.839	0.864
10:	-0.488	1.043



TARGET APPROX 1/2 SCALE

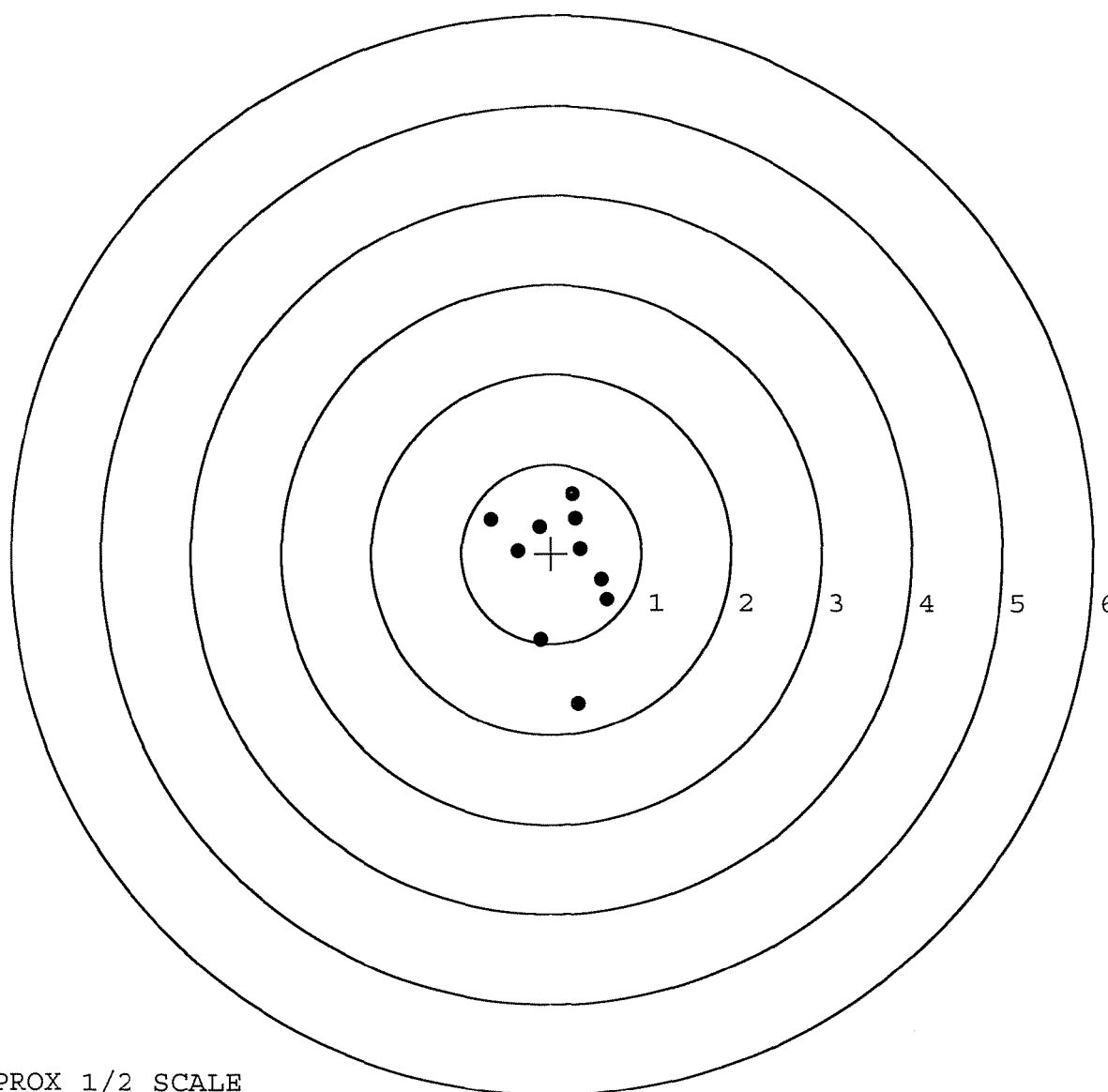
BARBER - M24 0158735

SERIAL NUMBER: G6296718. __1
TARGET NUMBER: 5
FILE DATE: 12/10/2004
FILE TIME: 07:49

X CENTROID: 0.101
Y CENTROID: -0.159
POA TO CENTROID: 0.188
HORZ SPREAD: 1.298
VERT SPREAD: 2.325
GROUP SPREAD: 2.326
MIN RADIUS: 0.315
MAX RADIUS: 1.511
MEAN RADIUS: 0.716

IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.310	-1.655
2:	-0.126	-0.960
3:	0.621	-0.515
4:	0.562	-0.293
5:	0.328	0.059
6:	0.267	0.397
7:	0.235	0.670
8:	-0.137	0.299
9:	-0.373	0.029
10:	-0.677	0.382



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	88314		Supp # 4349
SERIAL NUMBER	G6296718		
LOG-IN DATE	11-23-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-29-04	RTL
560 A	RE-BARREL	12-1-04	RTL
B	DRILL AND TAP	NA	TRW
575	ASSEMBLE	12-2-04	RTL
600	PROOF	12-2-04	RTL
605	CHECK HEADSPACE	12-2-04	RTL
610	DIS-ASSEMBLE GUN	12-3-04	RTL
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	12-3-04	SB
618	ROTO-BLAST	12-6-04	LB
620	APPLY COATINGS	12/7/04	HP
625 A	FINAL ASSEMBLY	12-9-04	RTL
B	TRIGGER PULL TEST	NA	
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	12-10-04	TRW
655	FINAL INSPECT	12-10-04	AC
660	PACK	12-11-04	DA
		SHIP DATE	
QAR INSPECTION DATE			

SERIAL # <u>G 6296718</u>	INSPECTED BY: <u>AK</u>
DATE REC'D: <u>11-23-04</u>	DATE RET'D: <u>12-10-04</u>
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: _____ _____ _____

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

5716 66296718

Serial No. 66296718
Order No. 25716

17XX

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

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

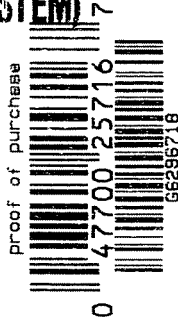


ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYST
UPC



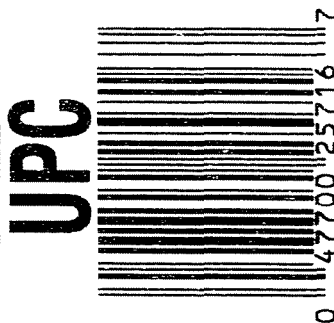
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

- INSTRUCTION BOOK 3518



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6296718



DD FORM

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6296718

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		11-12-03	RTL
600	PROOF			
607	CHECK HEADSPACE			
610	DIS-ASSEMBLE GUN	INSPECT	11-13-03	RTL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	NOV 14 2003 OPERATOR <u>BS</u>		
615	ROLLMARK CALIBER		11-14-03	AS
617	DRILL AND TAP SIGHT HOLES		11-13-03	TRW
620	APPLY COATINGS (BARREL ACTION)			
	(BOLT)			
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		12/1/03	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		12/1/03	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		12/1/03	DA
	D) OIL FIRING PIN ASSEMBLY		12/1/03	DA
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

OP #	OPERATION NAME	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6 lbs</u> <u>6 lbs</u> <u>6 lbs</u>	12-1-03	AC
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>3 lbs</u> <u>3 lbs</u> <u>3 lbs</u>	12-1-03	AC
	H) TRIGGER PULL TEST AND RETAINABILITY		12-11-03	RT
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.024</u> <u>.024</u>	12-1-03	AC
	J) ASSEMBLE STOCK		12-2-03	RT
	K) ASSEMBLE SWIVEL STUDS		12-12-03	RT
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		12-2-03	RT
	M) IRON SIGHT ALIGNMENT		12-2-03	RT
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		12-2-03	RT
640	GALLERY TEST AND TARGET	PASS FAIL	12-8-03	AC
	MALFUNCTION <u>SBC</u>	CORRECTION <u>OK</u> <u>AC</u> 12/10/03	12-8-03	AC
	MALFUNCTION	CORRECTION	12-8-03	AC
	MALFUNCTION	CORRECTION	12-8-03	AC
	MALFUNCTION	CORRECTION	12-8-03	AC
645	INSPECT FOR LIVE AMMO		12-8-03	AC
655	FINAL INSPECTION A) HEADSPACE		12-12-03	RT
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.55</u> <u>2.41</u> <u>2.35</u> <u>2.41</u> <u>2.37</u>	12-11-03	AC
	C) FUNCTION		12-12-03	RT
660	PACK		12/12/03	BA

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
BARBER - M24 0158742

SERIAL NO. _____

DATE 12-1-03

TESTER TRW

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)

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.61	2.85		2.88	
PULL #2	2.72	2.71		2.83	
PULL #3	2.59	2.72		2.78	
PULL #4	2.56	2.85		2.83	
PULL #5	2.75	2.77		2.73	
TOTAL	13.23	13.90		14.05	
AVERAGE	2.64	2.78		2.81	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.19	3.28		
PULL #2	3.38	3.62		
PULL #3	3.18	3.50		
PULL #4	3.19	3.62		
PULL #5	3.38	3.24		
TOTAL	16.32	17.26		
AVERAGE	3.26	3.45		

	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	4.41	4.31		4.16
PULL #2	4.34	3.90		3.91
PULL #3	4.45	3.98		4.05
PULL #4	4.40	4.03		4.12
PULL #5	4.63	3.98		3.91
TOTAL	22.23	20.20		20.15
AVERAGE	4.44	4.04		4.03

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6296718.___0
FILE DATE AND TIME: 12/08/2003 11:53

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

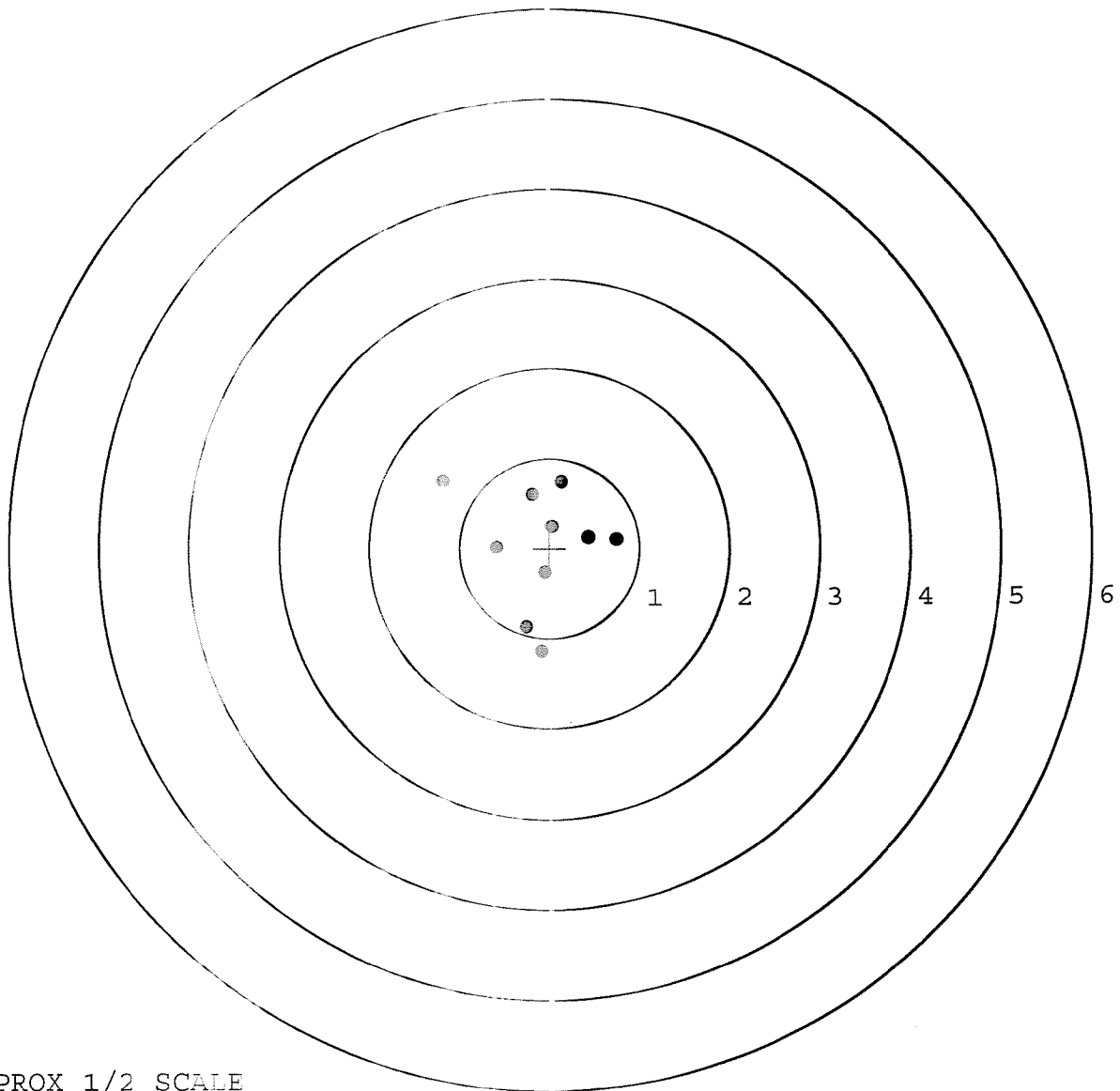
The Average X Centroid of the Five Target Set:	-0.067
The Average Y Centroid of the Five Target Set:	0.245
The Average Point of Impact of the Five Target Set:	0.254
The Average Mean Radius of the Five Target Set:	0.774
The Distance from POA to Centroid Target #1:	0.106
The Distance from Centroid Target #2 to Centroid Target #1:	0.104
The Distance from Centroid Target #3 to Centroid Target #1:	0.615
The Distance from Centroid Target #4 to Centroid Target #1:	0.189
The Distance from Centroid Target #5 to Centroid Target #1:	0.400

BARBER - M24 0158744

SERIAL NUMBER: G6296718. 0
TARGET NUMBER: 1
FILE DATE: 12/08/2003
FILE TIME: 11:53

X CENTROID: -0.102
Y CENTROID: 0.027
POA TO CENTROID: 0.106
HORZ SPREAD: 1.938
VERT SPREAD: 1.903
GROUP SPREAD: 2.193
MIN RADIUS: 0.253
MAX RADIUS: 1.302
MEAN RADIUS: 0.717
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.139	0.739
2:	-0.187	0.594
3:	-1.185	0.750
4:	-0.591	0.016
5:	0.028	0.244
6:	0.753	0.094
7:	0.436	0.126
8:	-0.054	-0.269
9:	-0.266	-0.875
10:	-0.096	-1.153



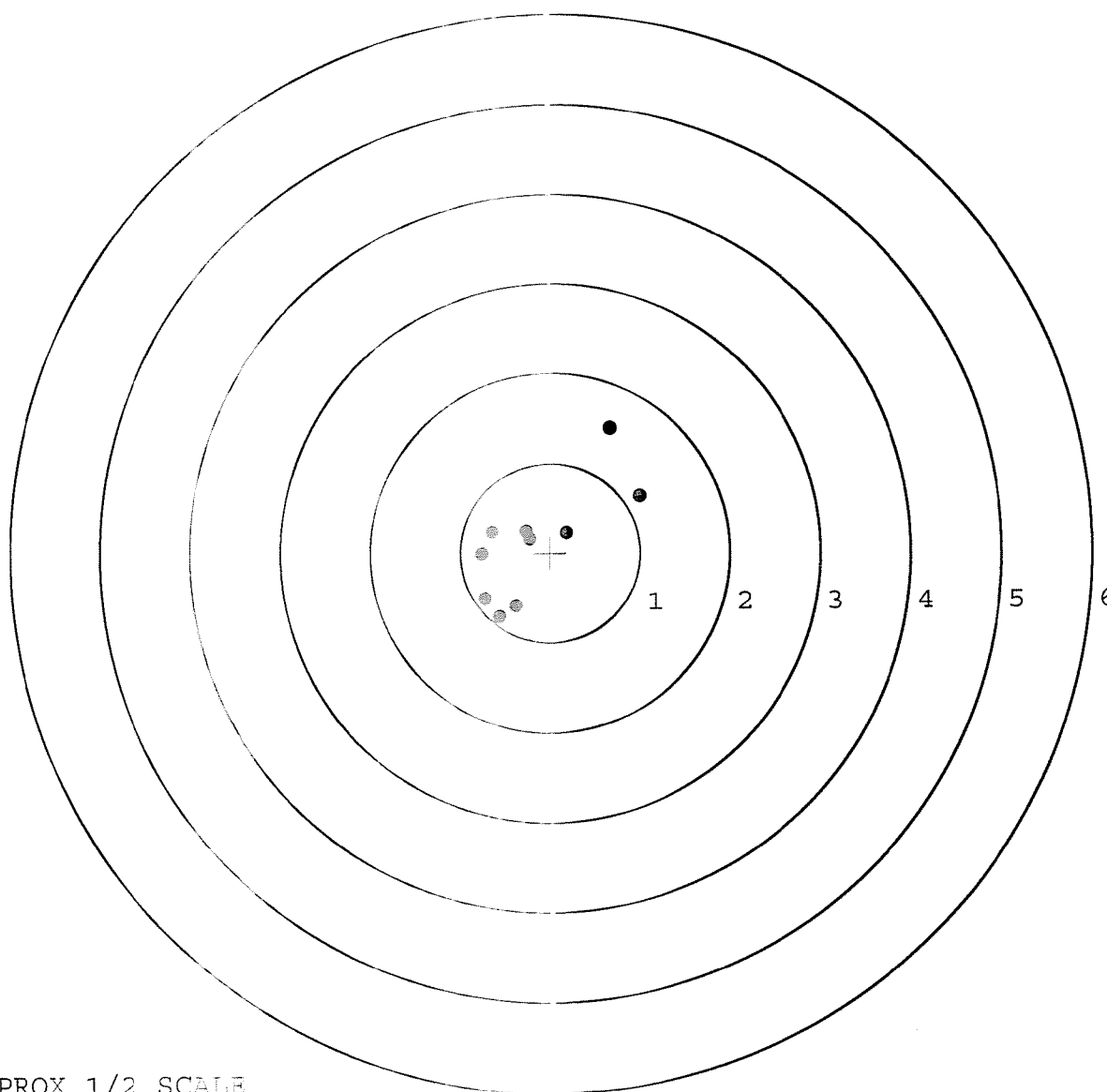
TARGET APPROX 1/2 SCALE

BARBER - M24 0158745

SERIAL NUMBER: G6296718. __0
 TARGET NUMBER: 2
 FILE DATE: 12/08/2003
 FILE TIME: 11:53

POINT#	X	Y
1:	0.677	1.385
2:	0.998	0.631
3:	0.181	0.223
4:	-0.382	-0.595
5:	-0.571	-0.717
6:	-0.730	-0.517
7:	-0.760	-0.015
8:	-0.645	0.228
9:	-0.229	0.157
10:	-0.271	0.241

X CENTROID: -0.173
 Y CENTROID: 0.102
 POA TO CENTROID: 0.201
 HORZ SPREAD: 1.758
 VERT SPREAD: 2.102
 GROUP SPREAD: 2.445
 MIN RADIUS: 0.078
 MAX RADIUS: 1.539
 MEAN RADIUS: 0.700
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

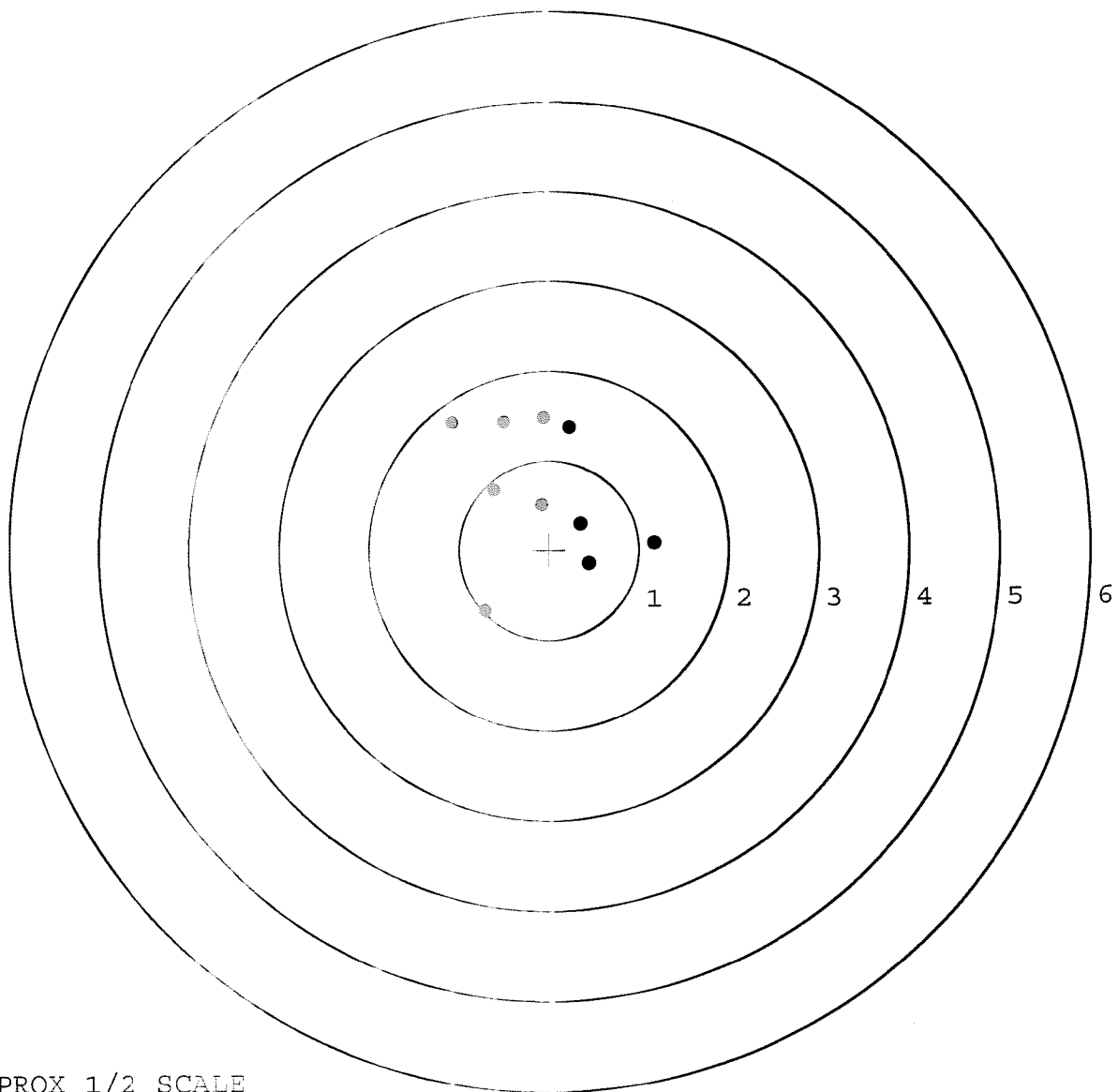
BARBER - M24 0158746

SERIAL NUMBER: G6296718. __0
TARGET NUMBER: 3
FILE DATE: 12/08/2003
FILE TIME: 11:53

X CENTROID: -0.083
Y CENTROID: 0.641
POA TO CENTROID: 0.647
HORZ SPREAD: 2.253
VERT SPREAD: 2.154
GROUP SPREAD: 2.259
MIN RADIUS: 0.136
MAX RADIUS: 1.462
MEAN RADIUS: 0.882

IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.084	0.506
2:	0.355	0.291
3:	1.173	0.072
4:	0.447	-0.157
5:	-0.714	-0.677
6:	0.238	1.372
7:	-1.080	1.433
8:	-0.498	1.429
9:	-0.058	1.477
10:	-0.613	0.669



TARGET APPROX 1/2 SCALE

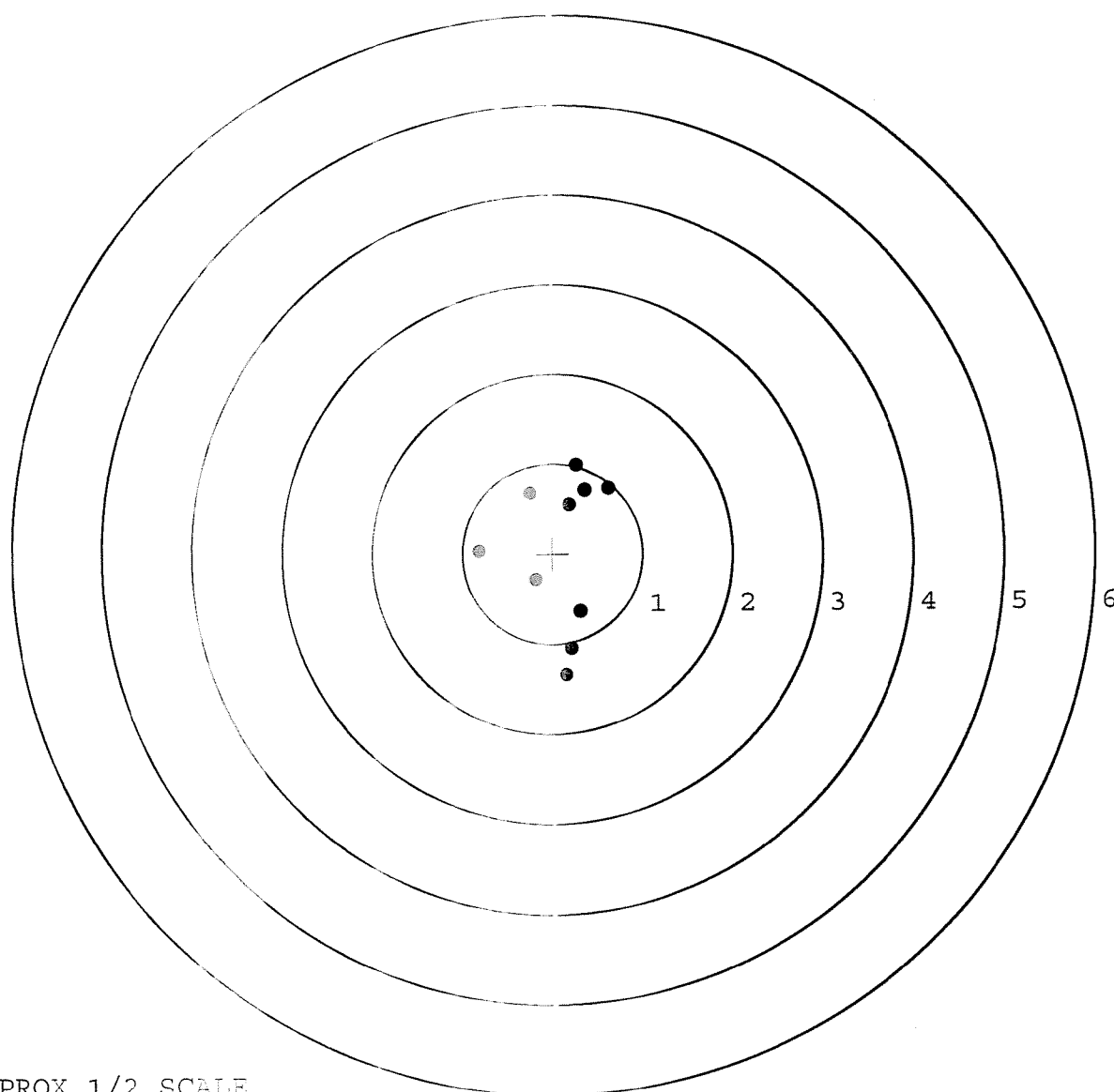
BARBER - M24 0158747

SERIAL NUMBER: G6296718. 0
 TARGET NUMBER: 4
 FILE DATE: 12/08/2003
 FILE TIME: 11:53

X CENTROID: 0.086
 Y CENTROID: -0.030
 POA TO CENTROID: 0.091
 HORZ SPREAD: 1.443
 VERT SPREAD: 2.332
 GROUP SPREAD: 2.335
 MIN RADIUS: 0.425
 MAX RADIUS: 1.380
 MEAN RADIUS: 0.832

IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.250	0.666
2:	-0.815	0.033
3:	-0.192	-0.292
4:	0.313	-0.641
5:	0.211	-1.058
6:	0.150	-1.349
7:	0.628	0.716
8:	0.268	0.983
9:	0.187	0.539
10:	0.363	0.700



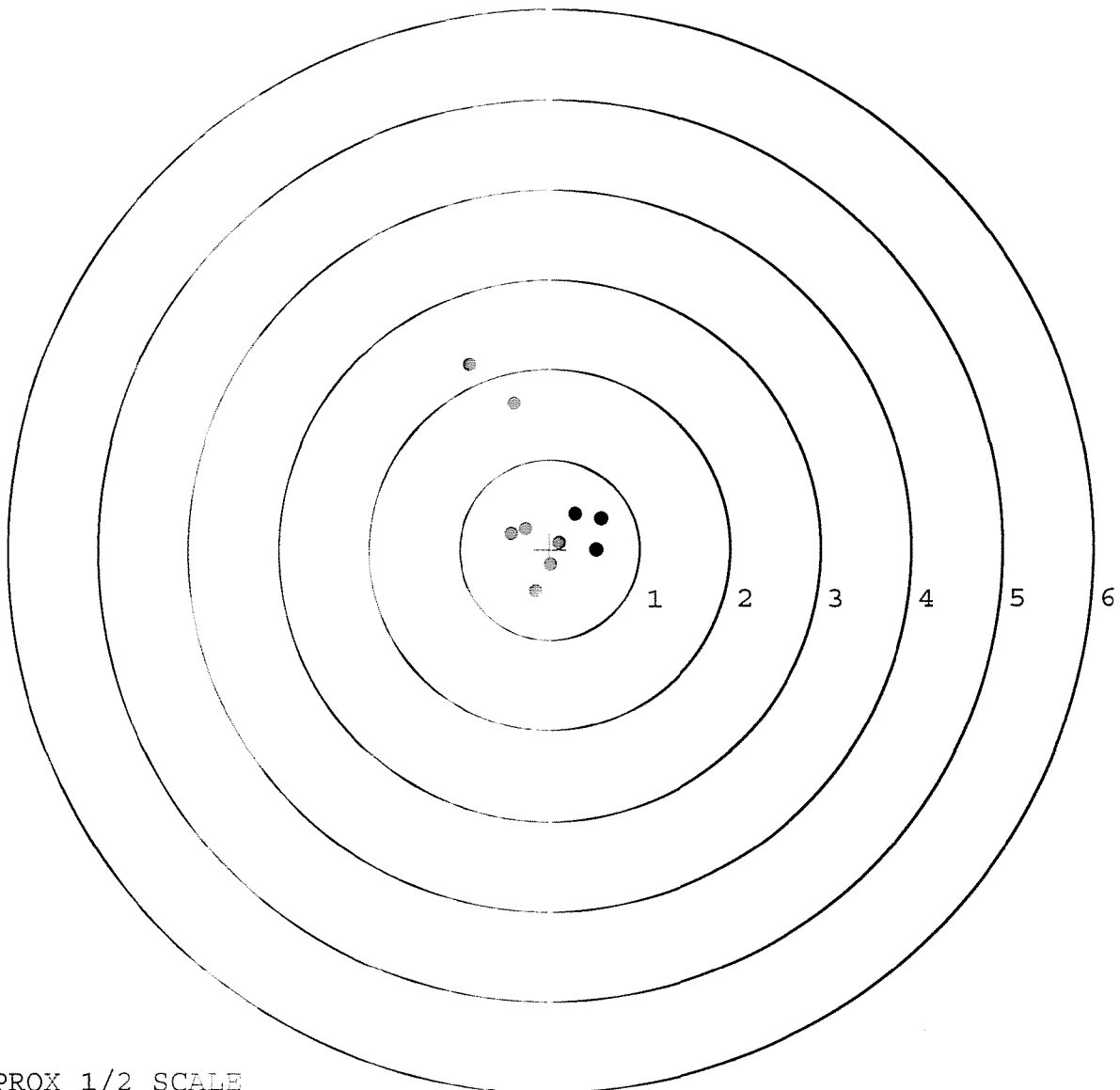
TARGET APPROX 1/2 SCALE

BARBER - M24 0158748

SERIAL NUMBER: G6296718. 0
TARGET NUMBER: 5
FILE DATE: 12/08/2003
FILE TIME: 11:53

POINT#	X	Y
1:	-0.885	2.052
2:	-0.387	1.619
3:	-0.428	0.180
4:	-0.268	0.227
5:	-0.160	-0.465
6:	0.012	-0.167
7:	0.521	-0.013
8:	0.578	0.343
9:	0.281	0.396
10:	0.102	0.075

X CENTROID: -0.063
Y CENTROID: 0.425
POA TO CENTROID: -0.429
HORZ SPREAD: 1.463
VERT SPREAD: 2.517
GROUP SPREAD: 2.619
MIN RADIUS: 0.285
MAX RADIUS: 1.823
MEAN RADIUS: 0.738
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE