

BARBER - M24 0179517

G 669 5414

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

- INSTRUCTION BOOK 3518

BM FORM



ORDER NO. **25716**

BARREL LENGTH 24"

CAPACITY 6

G6695414



ORDER 25716

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

UPC



ORDER 25716

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

UPC



SERIAL NO.



M-24
BARBER - M24 0179520 INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G669 5414

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		12-6-07	RTZ
420	ASSEMBLE ACTION		12-6-07	RTZ
430	ASSEMBLE TO STOCK		12-7-07	TRW
440	PROOF		12-7-07	TRW
460	CHECK HEADSPACE		12-7-07	TRW
470	DIS-ASSEMBLE ACTION		12-7-07	RTZ
480	MAGNAFLUX BBL ACTION		12-10-07	JB
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		12-7-07	CW
510	DRILL AND TAP SIGHT HOLES		12-7-07	Fm
520	GOFF BLAST BBL / REC		12-11-07	YU
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		12/11/07	RB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		12-13-07	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		12-13-07	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		12-13-07	DA
	D) OIL FIRING PIN ASSEMBLY		12-19-07	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS		

F004 REV 5/2006

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

BARBER - M24 0179520

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>60</u> <u>55</u> <u>55</u>	1-3-08	DA
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>35</u> <u>35</u> <u>35</u>	1-3-08	DA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.022</u> <u>.022</u> <u>.022</u>	1-3-08	DA
	J) ASSEMBLE STOCK		12-19-07	RT
	K) ASSEMBLE SWIVEL STUDS		1-8-08	RT
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		1-8-08	RT
	M) IRON SIGHT ALIGNMENT		1-8-08	RT
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		1-8-08	RT
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	1-2-08	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		1-2-08	FM
670	FINAL INSPECTION A) HEADSPACE		1-8-08	RT
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.61</u> <u>2.84</u> <u>2.56</u> <u>2.62</u> <u>2.54</u>	1-3-08	DA
	C) FUNCTION		1-8-08	RT
690	PACK		1-8-08	DA

F004 REV 5/2006

BARBER - M24 0179522

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 11-5-07

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.13	2.42		2.32	
PULL #2	2.27	2.24		2.57	
PULL #3	2.43	2.09		2.39	
PULL #4	2.44	2.02		2.56	
PULL #5	2.14	2.32		2.55	
TOTAL	11.41	11.09		12.39	
AVERAGE	2.28	2.21		2.47	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.09	3.45		
PULL #2	3.45	3.47		
PULL #3	3.23	3.47		
PULL #4	3.28	3.32		
PULL #5	3.23	3.35		
TOTAL	16.28	17.06		
AVERAGE	3.25	3.41		

	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	4.25	4.35		4.31
PULL #2	4.24	4.12		4.22
PULL #3	4.21	4.31		4.29
PULL #4	4.30	4.32		4.21
PULL #5	4.28	4.22		4.13
TOTAL	21.28	21.32		21.16
AVERAGE	4.25	4.26		4.23

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6695414.___0
FILE DATE AND TIME: 01/03/2008 13:49

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

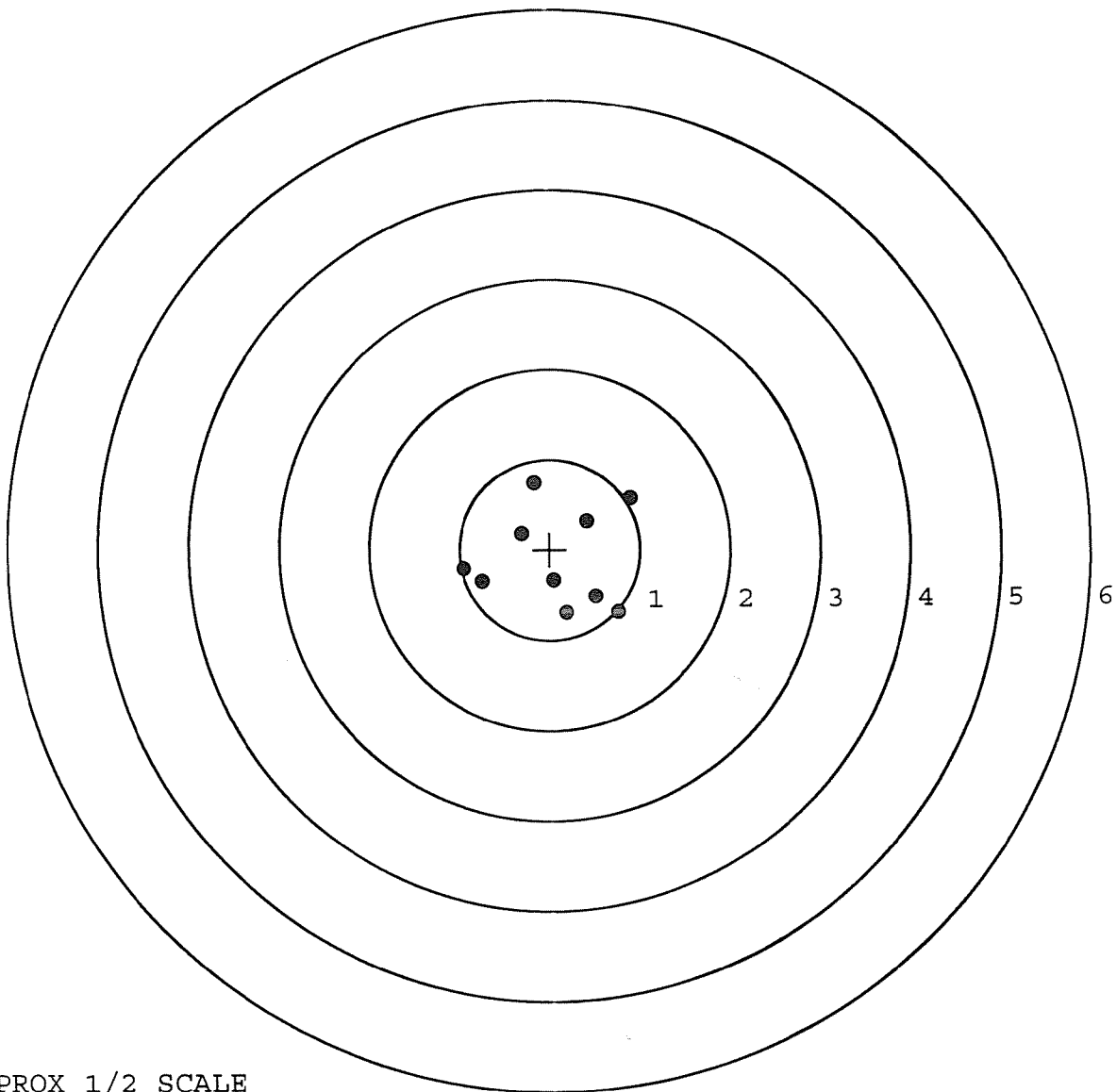
The Average X Centroid of the Five Target Set:	-0.049
The Average Y Centroid of the Five Target Set:	-0.018
The Average Point of Impact of the Five Target Set:	0.052
The Average Mean Radius of the Five Target Set:	0.715
The Distance from POA to Centroid Target #1:	0.120
The Distance from Centroid Target #2 to Centroid Target #1:	0.165
The Distance from Centroid Target #3 to Centroid Target #1:	0.211
The Distance from Centroid Target #4 to Centroid Target #1:	0.281
The Distance from Centroid Target #5 to Centroid Target #1:	0.066

BARBER - M24 0179524

SERIAL NUMBER: G6695414. __0
TARGET NUMBER: 1
FILE DATE: 01/03/2008
FILE TIME: 13:49

X CENTROID: 0.061
Y CENTROID: -0.104
POA TO CENTROID: 0.120
HORZ SPREAD: 1.855
VERT SPREAD: 1.438
GROUP SPREAD: 2.008
MIN RADIUS: 0.238
MAX RADIUS: 1.068
MEAN RADIUS: 0.721
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.756	-0.698
2:	0.507	-0.526
3:	0.181	-0.703
4:	0.042	-0.341
5:	-0.307	0.180
6:	-0.172	0.735
7:	0.419	0.313
8:	0.897	0.561
9:	-0.753	-0.350
10:	-0.958	-0.207



TARGET APPROX 1/2 SCALE

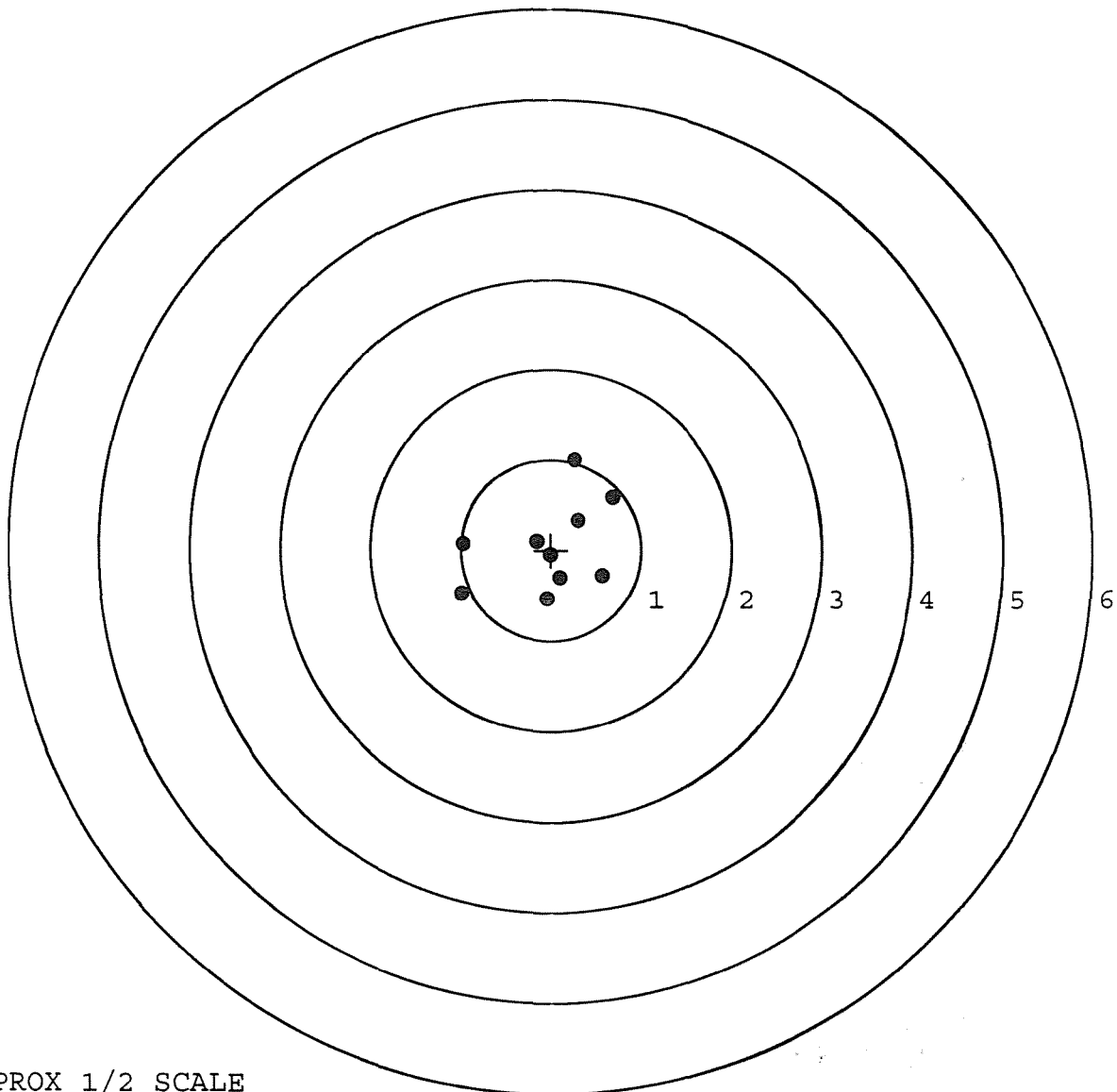
BARBER - M24 0179525

SERIAL NUMBER: G6695414. __0
TARGET NUMBER: 2
FILE DATE: 01/03/2008
FILE TIME: 13:49

X CENTROID: -0.025
Y CENTROID: 0.038
POA TO CENTROID: 0.045
HORZ SPREAD: 1.684
VERT SPREAD: 1.543
GROUP SPREAD: 1.990
MIN RADIUS: 0.097
MAX RADIUS: 1.102
MEAN RADIUS: 0.627

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.978	0.073
2:	-0.995	-0.485
3:	0.572	-0.292
4:	0.689	0.575
5:	0.272	0.999
6:	0.305	0.326
7:	-0.041	-0.544
8:	0.098	-0.310
9:	-0.013	-0.059
10:	-0.155	0.095



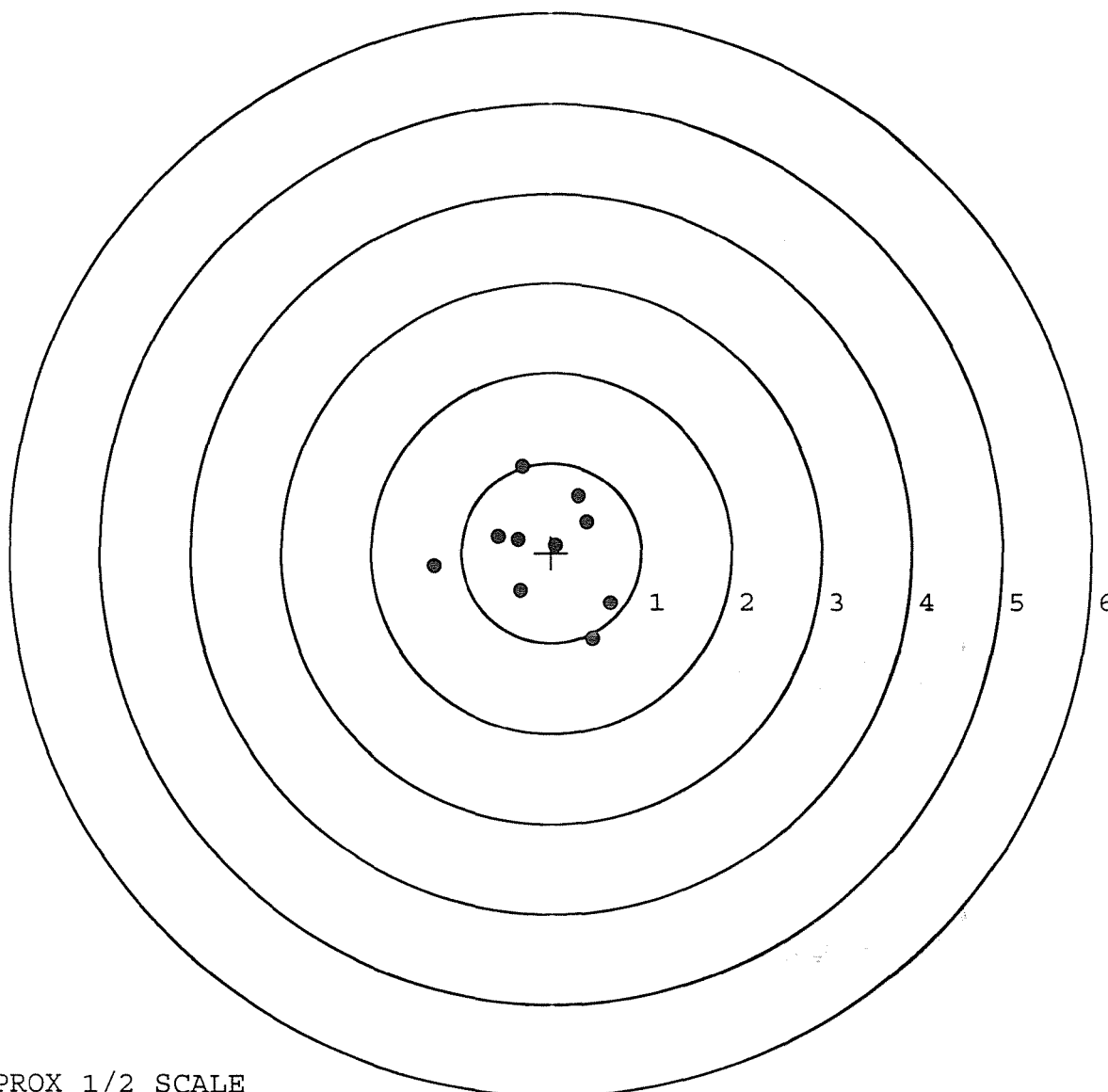
TARGET APPROX 1/2 SCALE

BARBER - M24 0179526

SERIAL NUMBER: G6695414. __0
TARGET NUMBER: 3
FILE DATE: 01/03/2008
FILE TIME: 13:49

X CENTROID: -0.106
Y CENTROID: 0.025
POA TO CENTROID: 0.109
HORZ SPREAD: 1.956
VERT SPREAD: 1.917
GROUP SPREAD: 2.000
MIN RADIUS: 0.165
MAX RADIUS: 1.207
MEAN RADIUS: 0.706
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.318	0.962
2:	0.305	0.623
3:	0.397	0.343
4:	0.656	-0.566
5:	0.459	-0.955
6:	0.050	0.081
7:	-0.345	-0.422
8:	-0.372	0.152
9:	-0.590	0.183
10:	-1.300	-0.148



TARGET APPROX 1/2 SCALE

BARBER - M24 0179527

SERIAL NUMBER: G6695414. __ 0

TARGET NUMBER: 4

FILE DATE: 01/03/2008

FILE TIME: 13:49

X CENTROID: -0.169

Y CENTROID: 0.057

POA TO CENTROID: 0.179

HORZ SPREAD: 2.362

VERT SPREAD: 2.188

GROUP SPREAD: 2.618

MIN RADIUS: 0.174

MAX RADIUS: 1.582

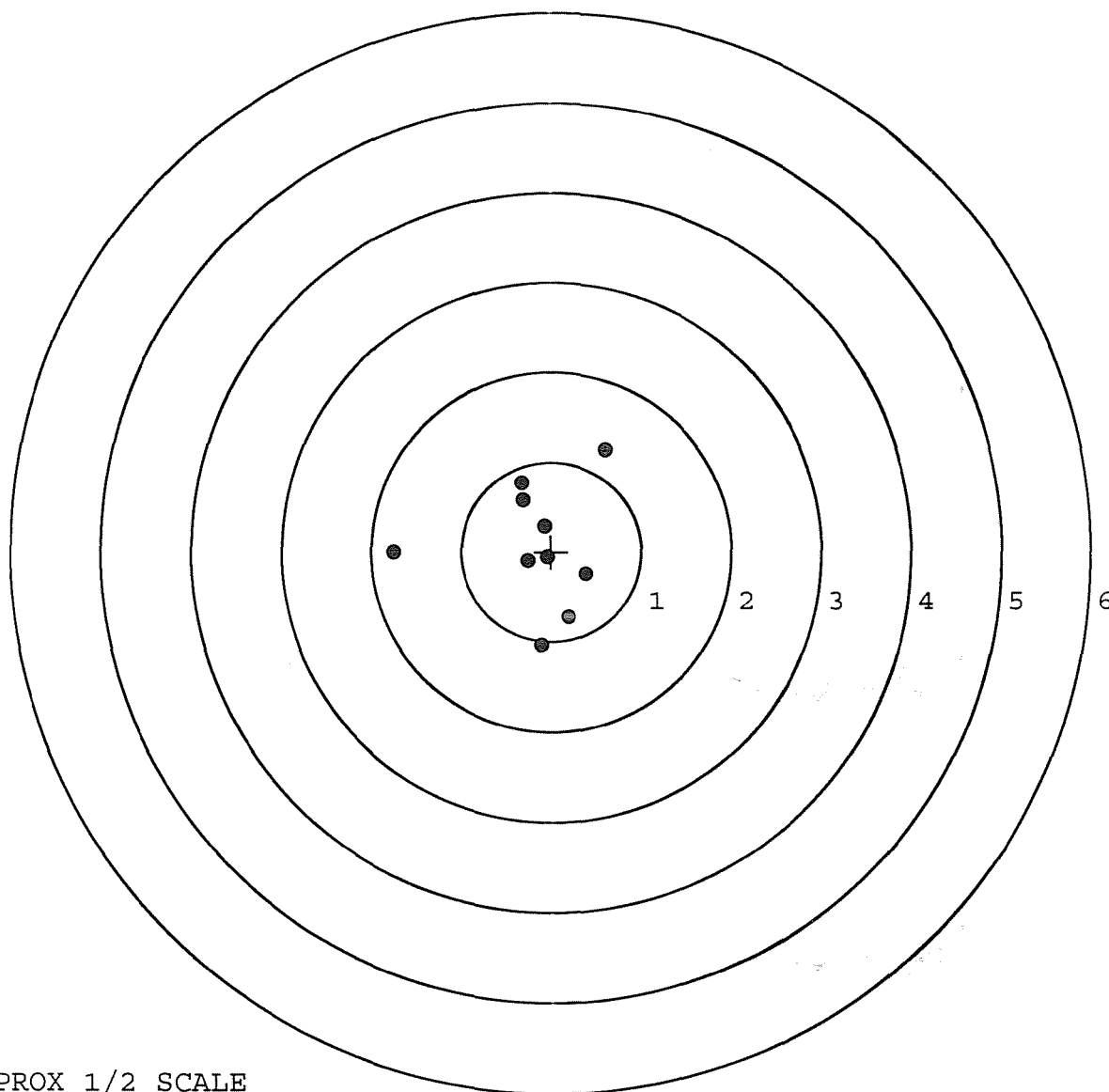
MEAN RADIUS: 0.739

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.612	1.135
2:	-0.321	0.767
3:	-0.309	0.580
4:	-0.080	0.283
5:	-0.258	-0.100
6:	-0.044	-0.064
7:	0.387	-0.249
8:	0.191	-0.734
9:	-0.120	-1.053
10:	-1.750	0.006



TARGET APPROX 1/2 SCALE

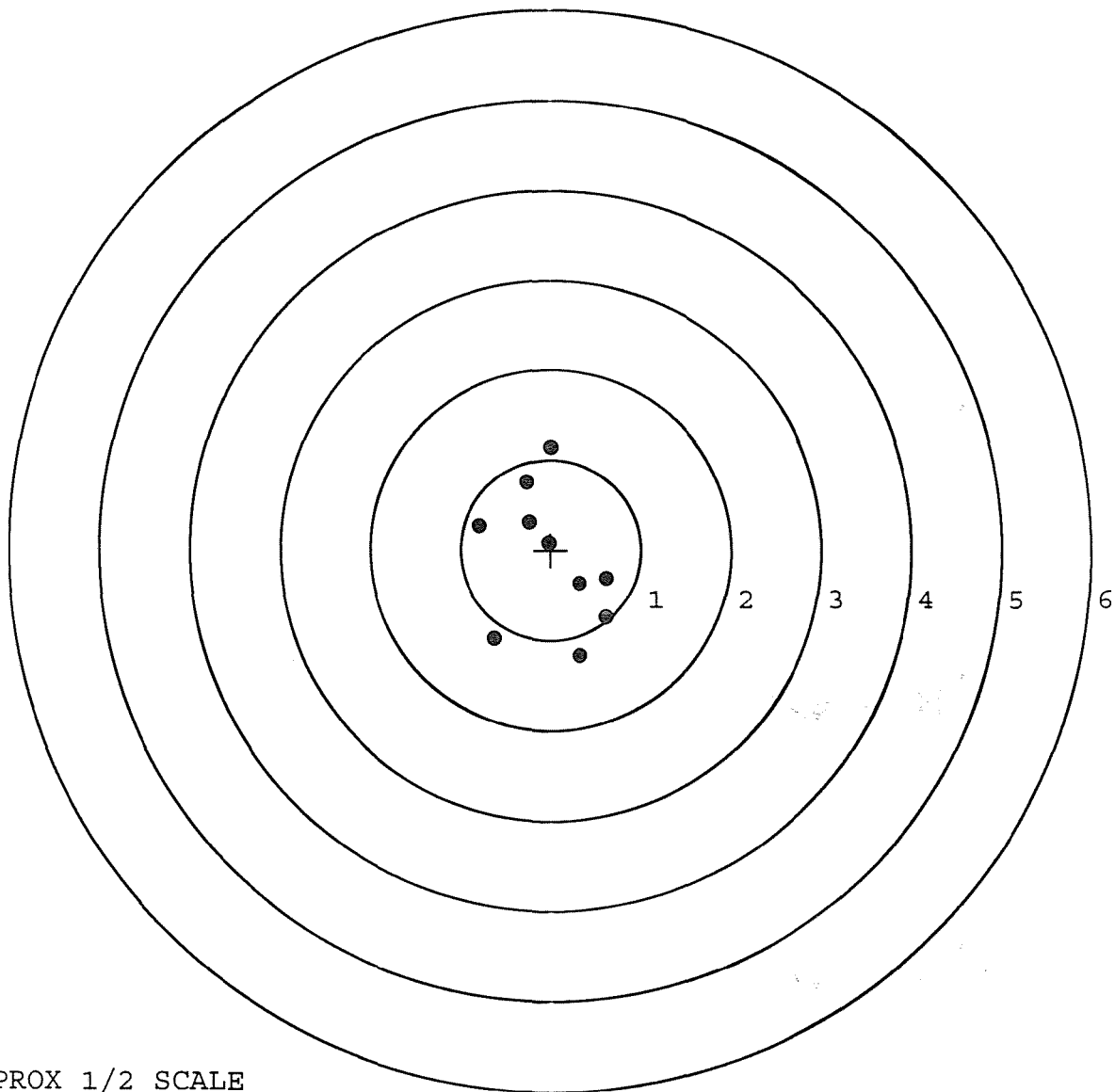
BARBER - M24 0179528

SERIAL NUMBER: G6695414. 0
TARGET NUMBER: 5
FILE DATE: 01/03/2008
FILE TIME: 13:49

X CENTROID: -0.005
Y CENTROID: -0.108
POA TO CENTROID: 0.108
HORZ SPREAD: 1.409
VERT SPREAD: 2.313
GROUP SPREAD: 2.334
MIN RADIUS: 0.184
MAX RADIUS: 1.246
MEAN RADIUS: 0.783

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

POINT#	X	Y
1:	0.009	1.138
2:	-0.261	0.751
3:	-0.790	0.264
4:	-0.234	0.305
5:	-0.024	0.075
6:	0.315	-0.375
7:	0.619	-0.323
8:	0.618	-0.750
9:	0.324	-1.175
10:	-0.622	-0.993



TARGET APPROX 1/2 SCALE