

BARBER - M24 0143792

G 6635217

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

- INSTRUCTION BOOK 3518

DD FORM

proof of purchase



owner registration sticker



ORDER NO.

25716

BARREL LENGTH

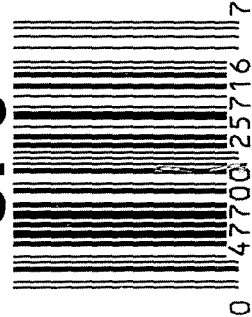
24"

CAPACITY

6

G6635217

UPC



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UPC



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



SERIAL NO.



M-24
BARBER - M24 0143795 INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6635217

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		3-14-07	RJZ
420	ASSEMBLE ACTION		3-12-07	J.P.D.
430	ASSEMBLE TO STOCK		3-12-07	J.P.D.
440	PROOF		3-14-07	FM
460	CHECK HEADSPACE	INSPECTED	3-14-07	FM
470	DIS-ASSEMBLE ACTION	MAR 15 2007	3-14-07	RJZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>united</u>	3/15/07	united
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		3-15-07	CW
510	DRILL AND TAP SIGHT HOLES		3-14-07	TRW
520	GOFF BLAST BBL / REC		3-19-07	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		3-23-07	WJ
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		3-27-07	SD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		3-27-07	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		3-27-07	SD
	D) OIL FIRING PIN ASSEMBLY		3/28/07	J.P.D.
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		4/10/07	un

F004 REV 5/2006

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BARBER - M24 0143795 43834

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>7.0</u> <u>7.5</u> <u>7.25</u>	4-10-07	TRW
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>2.5</u> <u>2.5</u>	4-10-07	TRW
	H) TRIGGER PULL TEST AND RETAINABILITY		4/10/07	non
	I) FIRING PIN INDENT .020 MIN	<u>.0245</u> <u>.0245</u> <u>.0245</u>	4-10-07	TRW
	J) ASSEMBLE STOCK		3/28/07	SPK
	K) ASSEMBLE SWIVEL STUDS		4/10/07	non
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		4/10/07	non
	M) IRON SIGHT ALIGNMENT		4/10/07	non
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		4/10/07	non
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	4-4-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		4-4-07	Fm
670	FINAL INSPECTION A) HEADSPACE		4/10/07	non
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.31</u> <u>2.67</u> <u>2.28</u> <u>2.38</u> <u>2.47</u>	4-10-07	TRW
	C) FUNCTION		4/10/07	non
690	PACK		4/13/07	OTA

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BARBER - M24 0143796 43835

BARBER - M24 0143797

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

3-28-07

TESTER

Fm

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.63	2.62		2.72	
PULL #2	2.64	2.82		2.73	
PULL #3	2.54	2.87		2.78	
PULL #4	2.82	2.89		2.82	
PULL #5	2.86	2.96		2.91	
TOTAL	1349	1416		1396	
AVERAGE	2.69	2.83		2.79	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.49	3.43		
PULL #2	3.49	3.43		
PULL #3	3.67	3.38		
PULL #4	3.37	3.40		
PULL #5	3.66	3.23		
TOTAL	1768	1687		
AVERAGE	3.53	3.37		

	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	4.29	4.18		3.96
PULL #2	4.29	4.16		4.07
PULL #3	4.27	4.19		4.08
PULL #4	4.19	4.25		4.18
PULL #5	4.18	4.19		4.16
TOTAL	2122	2097		2045
AVERAGE	4.24	4.19		4.09

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6635217.___0
FILE DATE AND TIME: 04/05/2007 14:17

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

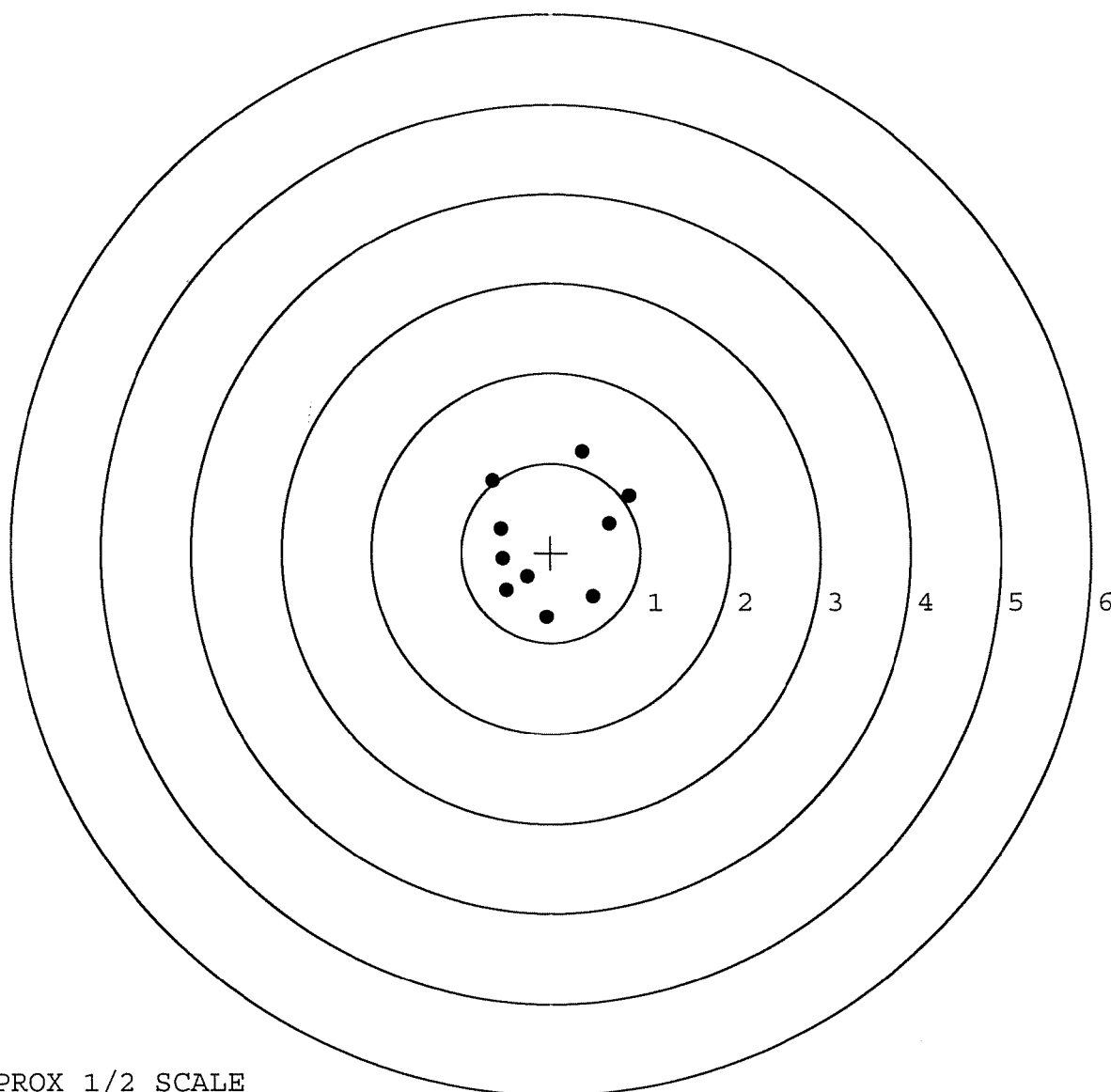
The Average X Centroid of the Five Target Set:	0.040
The Average Y Centroid of the Five Target Set:	-0.079
The Average Point of Impact of the Five Target Set:	0.089
The Average Mean Radius of the Five Target Set:	0.810
The Distance from POA to Centroid Target #1:	0.119
The Distance from Centroid Target #2 to Centroid Target #1:	0.318
The Distance from Centroid Target #3 to Centroid Target #1:	0.308
The Distance from Centroid Target #4 to Centroid Target #1:	0.465
The Distance from Centroid Target #5 to Centroid Target #1:	0.092

BARBER - M24 0143799

SERIAL NUMBER: G6635217. __0
TARGET NUMBER: 1
FILE DATE: 04/05/2007
FILE TIME: 14:17

X CENTROID: -0.017
Y CENTROID: 0.118
POA TO CENTROID: 0.119
HORZ SPREAD: 1.525
VERT SPREAD: 1.854
GROUP SPREAD: 1.898
MIN RADIUS: 0.456
MAX RADIUS: 1.080
MEAN RADIUS: 0.766
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.877	0.630
2:	0.658	0.322
3:	0.360	1.130
4:	0.480	-0.487
5:	-0.048	-0.724
6:	-0.497	-0.420
7:	-0.260	-0.269
8:	-0.537	-0.071
9:	-0.559	0.262
10:	-0.648	0.803



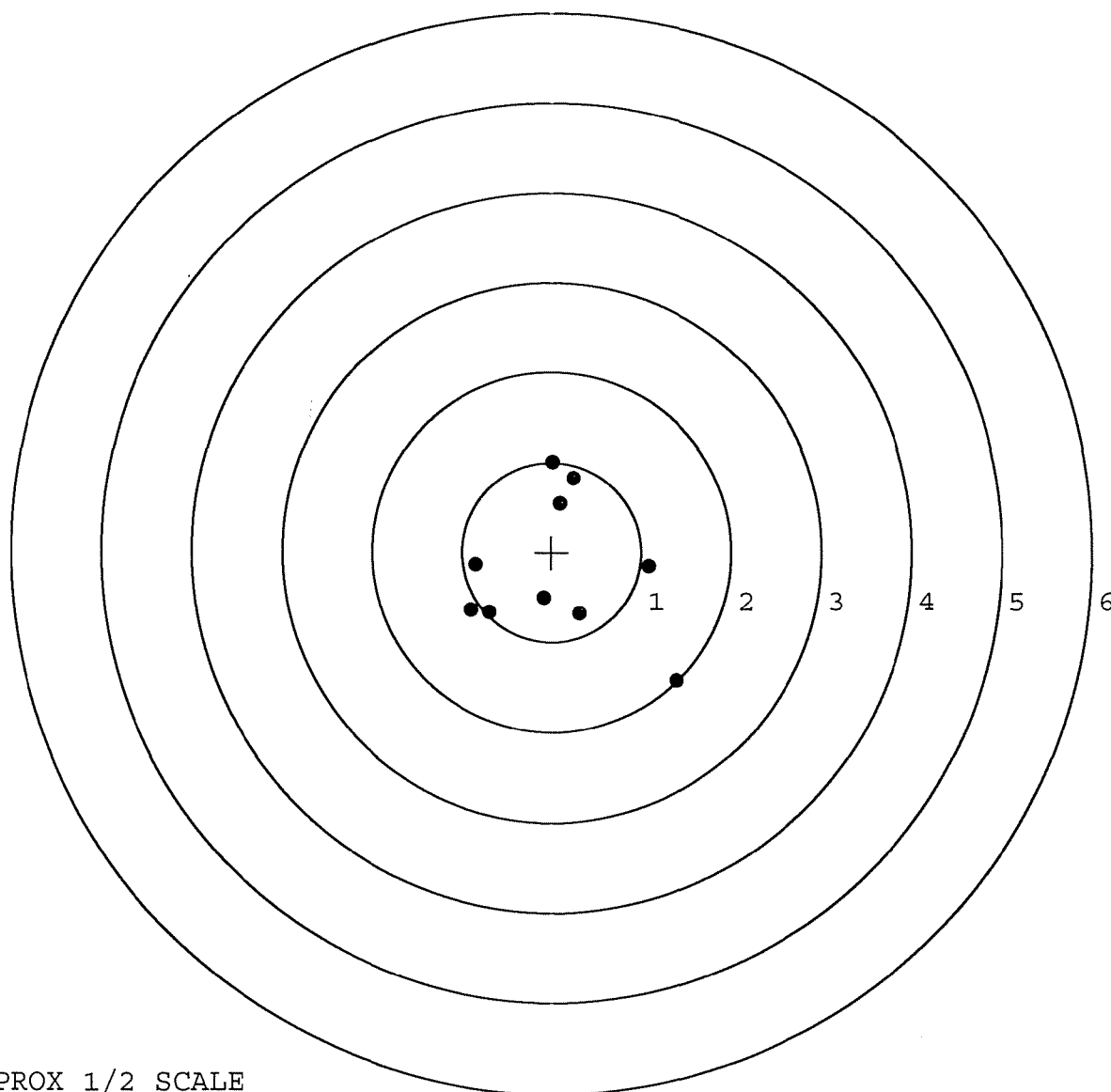
TARGET APPROX 1/2 SCALE

BARBER - M24 0143800

SERIAL NUMBER: G6635217. __0
TARGET NUMBER: 2
FILE DATE: 04/05/2007
FILE TIME: 14:17

X CENTROID: 0.061
Y CENTROID: -0.191
POA TO CENTROID: 0.201
HORZ SPREAD: 2.296
VERT SPREAD: 2.442
GROUP SPREAD: 2.804
MIN RADIUS: 0.359
MAX RADIUS: 1.823
MEAN RADIUS: 0.961
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.393	-1.436
2:	1.082	-0.166
3:	0.316	-0.691
4:	-0.088	-0.517
5:	-0.697	-0.676
6:	-0.903	-0.652
7:	-0.852	-0.144
8:	0.095	0.544
9:	0.253	0.822
10:	0.014	1.006



TARGET APPROX 1/2 SCALE

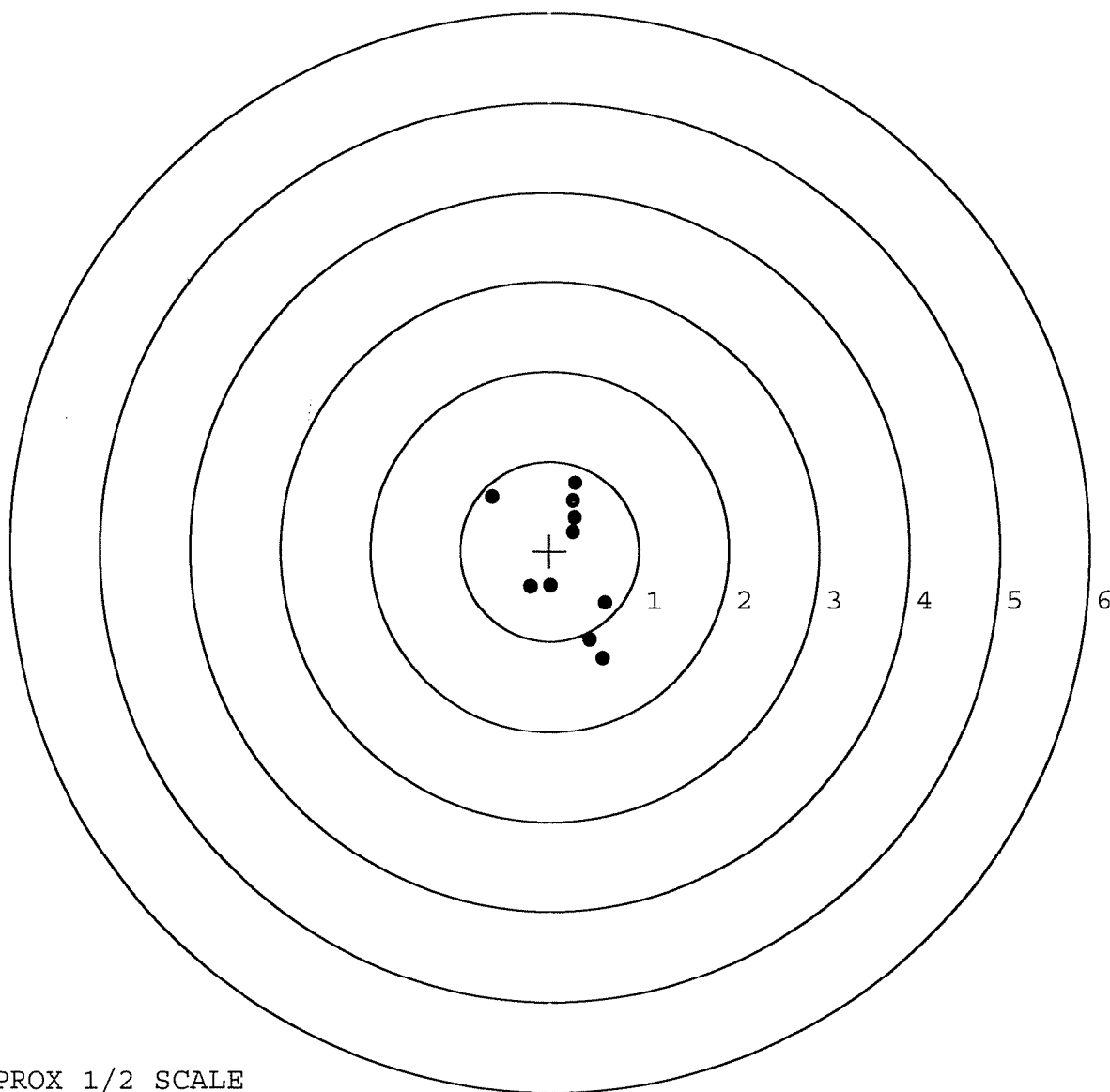
BARBER - M24 0143801

SERIAL NUMBER: G6635217. __0
TARGET NUMBER: 3
FILE DATE: 04/05/2007
FILE TIME: 14:17

X CENTROID: 0.193
Y CENTROID: -0.108
POA TO CENTROID: 0.221
HORZ SPREAD: 1.266
VERT SPREAD: 1.949
GROUP SPREAD: 2.176
MIN RADIUS: 0.323
MAX RADIUS: 1.158
MEAN RADIUS: 0.700

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

POINT#	X	Y
1:	0.595	-1.194
2:	0.452	-0.992
3:	0.622	-0.580
4:	0.011	-0.390
5:	-0.216	-0.406
6:	0.266	0.207
7:	0.265	0.560
8:	0.292	0.755
9:	-0.644	0.595
10:	0.285	0.368



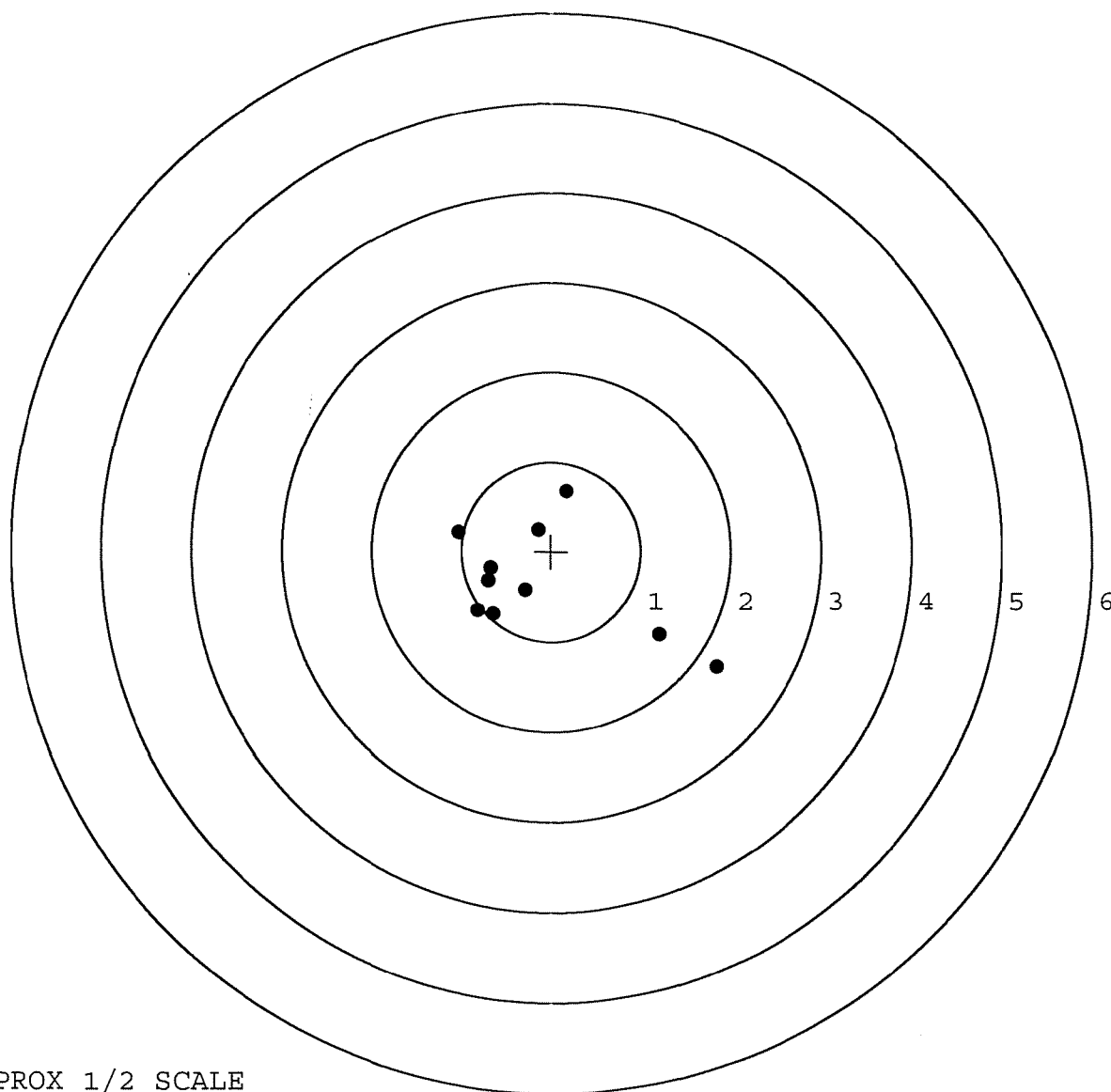
TARGET APPROX 1/2 SCALE

BARBER - M24 0143802

SERIAL NUMBER: G6635217.____0
TARGET NUMBER: 4
FILE DATE: 04/05/2007
FILE TIME: 14:17

X CENTROID: -0.110
Y CENTROID: -0.338
POA TO CENTROID: 0.355
HORZ SPREAD: 2.882
VERT SPREAD: 1.948
GROUP SPREAD: 3.244
MIN RADIUS: 0.203
MAX RADIUS: 2.169
MEAN RADIUS: 0.912
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.176	0.668
2:	-0.145	0.234
3:	-0.293	-0.427
4:	-0.649	-0.697
5:	-0.824	-0.657
6:	-0.677	-0.186
7:	-0.701	-0.321
8:	-1.039	0.210
9:	1.206	-0.923
10:	1.843	-1.280



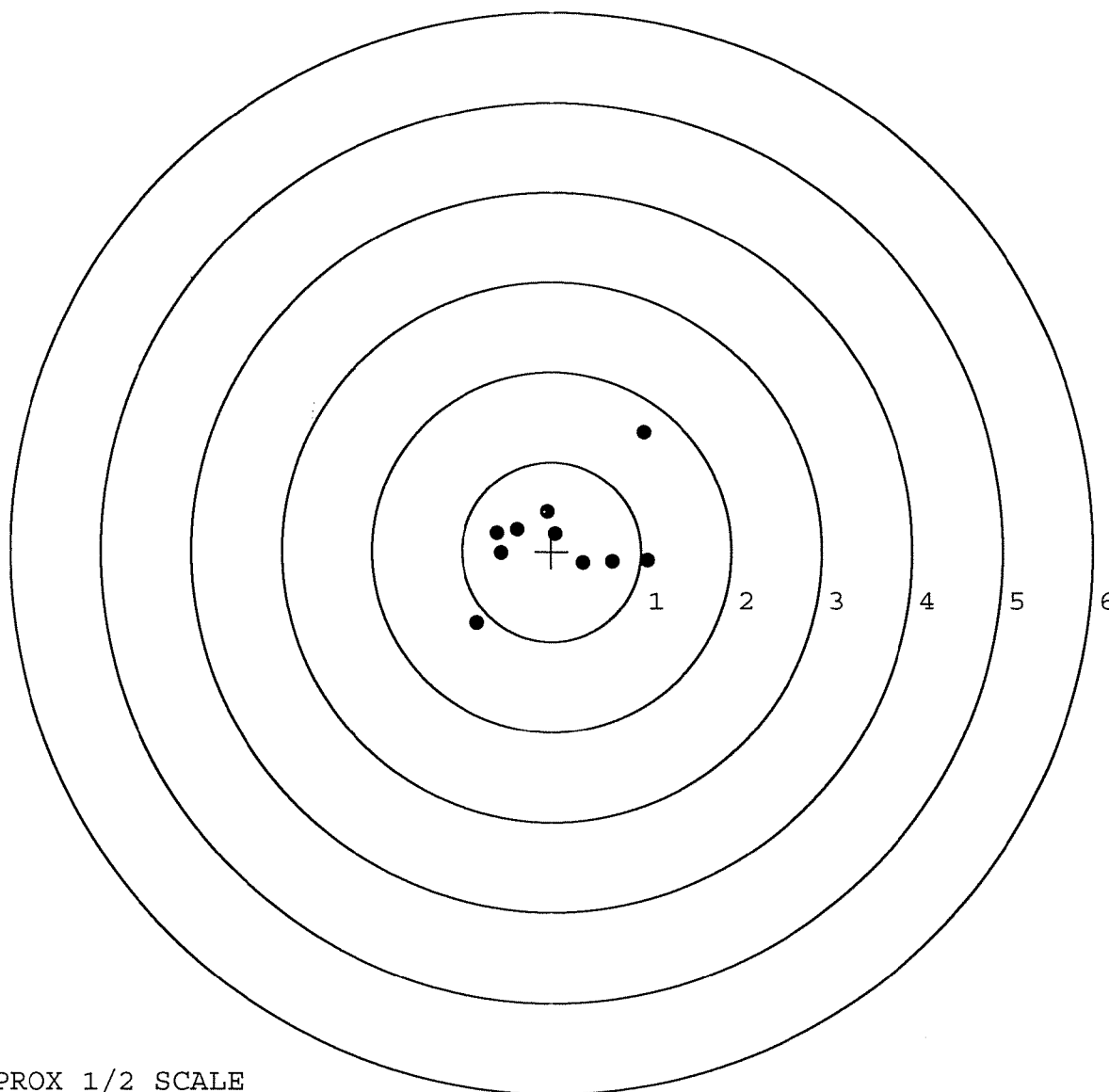
TARGET APPROX 1/2 SCALE

BARBER - M24 0143803

SERIAL NUMBER: G6635217.____0
TARGET NUMBER: 5
FILE DATE: 04/05/2007
FILE TIME: 14:17

X CENTROID: 0.074
Y CENTROID: 0.124
POA TO CENTROID: 0.144
HORZ SPREAD: 1.906
VERT SPREAD: 2.130
GROUP SPREAD: 2.831
MIN RADIUS: 0.082
MAX RADIUS: 1.535
MEAN RADIUS: 0.713
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.028	1.327
2:	1.069	-0.101
3:	0.686	-0.114
4:	0.356	-0.130
5:	-0.837	-0.803
6:	-0.048	0.444
7:	0.042	0.199
8:	-0.380	0.241
9:	-0.609	0.201
10:	-0.565	-0.025



TARGET APPROX 1/2 SCALE