

G6693273

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

INSTRUCTION BOOK 3518

BM FORM

proof of purchase



owner registration sticker



ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6693273

UPC



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

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0 47700 25716 7

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SERIAL NO.



66693273

BARBER - M24 0176930 INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G10693273

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		12-6-07	RT
420	ASSEMBLE ACTION		12-6-07	RT
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	MAGNA - FLUX	12-7-07	RT
480	MAGNAFLUX BBL ACTION	DEC 10 2007	12-10-07	JG
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER	OPERATOR JB	12-7-07	CW
510	DRILL AND TAP SIGHT HOLES		12-7-07	Fm
520	GOFF BLAST BBL / REC		12-11-07	JH
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		12/11/07	RB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		12-14-07	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		12-14-07	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		12-14-07	DA
	D) OIL FIRING PIN ASSEMBLY		12-14-07	RT
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS		

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.0</u> <u>6.0</u> <u>6.0</u>	12-18-07	DA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>3.5</u> <u>3.5</u> <u>3.5</u>	12-18-07	DA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.023</u> <u>.023</u>	12-18-07	DA
	J) ASSEMBLE STOCK		12-14-07	RTZ
	K) ASSEMBLE SWIVEL STUDS		12-20-07	L.P.D.
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		12-20-07	L.P.D.
	M) IRON SIGHT ALIGNMENT		12-20-07	L.P.D.
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		12-20-07	L.P.D.
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	12-14-07	TRW
	MALFUNCTION TRW DA	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		12-14-07	F.M
670	FINAL INSPECTION A) HEADSPACE		12-20-07	L.P.D.
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.47</u> <u>2.45</u> <u>2.63</u> <u>2.57</u> <u>2.48</u>	12-17-07	DA
	C) FUNCTION		12-20-07	L.P.D.
690	PACK		12-21-07	DA

F004 REV 5/2006

BARBER - M24 0176932

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 12-13-07

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.39	2.46		2.30	
PULL #2	2.50	2.44		2.31	
PULL #3	2.40	2.50		2.52	
PULL #4	2.45	2.55		2.33	
PULL #5	2.48	2.43		2.29	
TOTAL	12.22	12.38		11.75	
AVERAGE	2.44	2.47		2.35	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.43	3.40		
PULL #2	3.49	3.34		
PULL #3	3.58	3.40		
PULL #4	3.49	3.40		
PULL #5	3.49	3.37		
TOTAL	17.48	16.91		
AVERAGE	3.49	3.38		

	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	4.19	4.43		4.23
PULL #2	4.34	4.29		4.26
PULL #3	4.28	4.31		4.28
PULL #4	4.25	4.18		4.30
PULL #5	4.27	4.27		4.33
TOTAL	21.33	21.48		21.40
AVERAGE	4.26	4.29		4.28

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6693273.___0
FILE DATE AND TIME: 12/14/2007 11:00

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

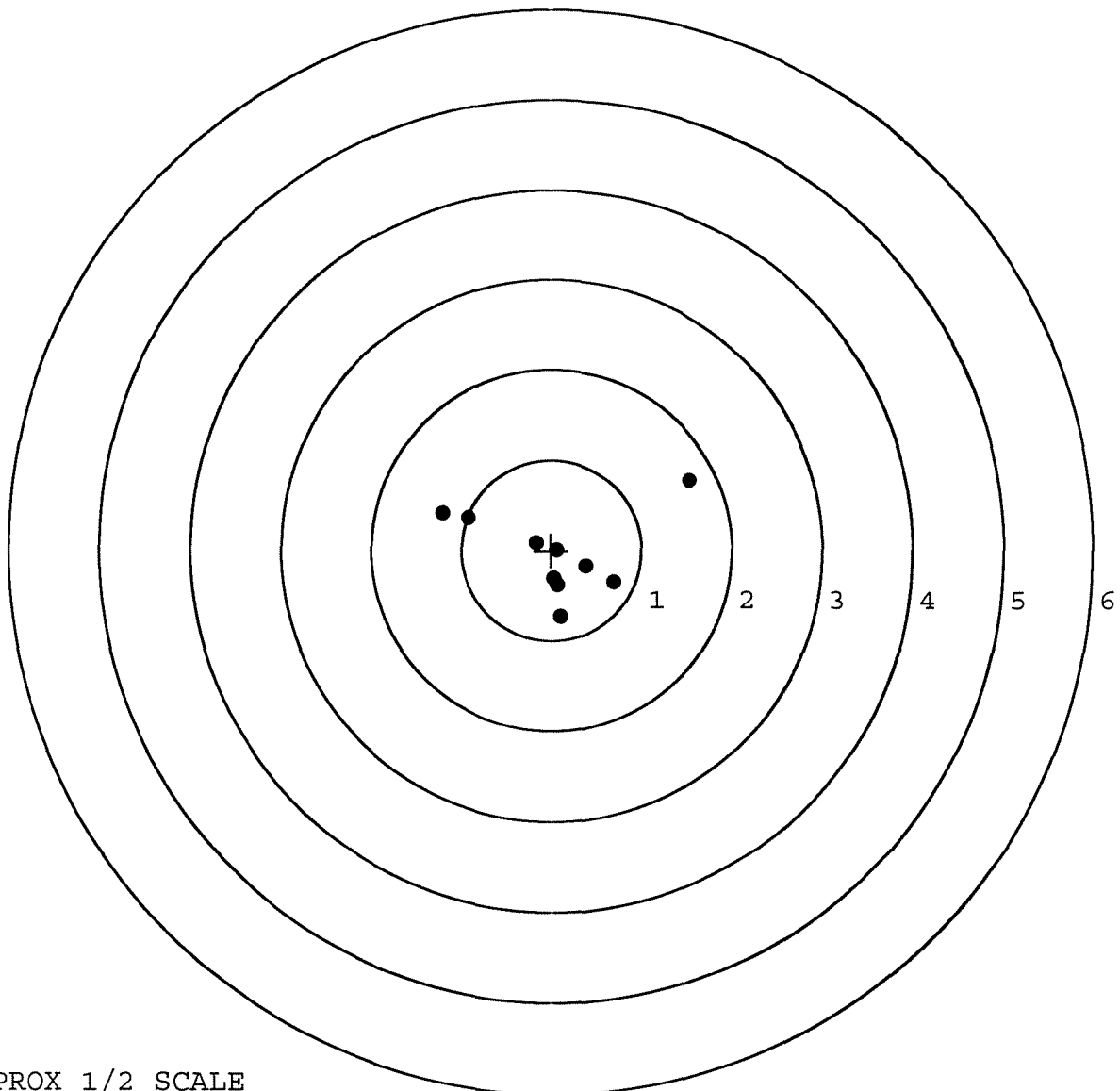
The Average X Centroid of the Five Target Set:	-0.029
The Average Y Centroid of the Five Target Set:	-0.103
The Average Point of Impact of the Five Target Set:	0.107
The Average Mean Radius of the Five Target Set:	0.735
The Distance from POA to Centroid Target #1:	0.068
The Distance from Centroid Target #2 to Centroid Target #1:	0.147
The Distance from Centroid Target #3 to Centroid Target #1:	0.285
The Distance from Centroid Target #4 to Centroid Target #1:	0.133
The Distance from Centroid Target #5 to Centroid Target #1:	0.049

BARBER - M24 0176934

SERIAL NUMBER: G6693273. __0
TARGET NUMBER: 1
FILE DATE: 12/14/2007
FILE TIME: 11:00

POINT#	X	Y
1:	1.531	0.777
2:	0.698	-0.358
3:	0.100	-0.741
4:	0.071	-0.388
5:	0.387	-0.178
6:	0.062	0.005
7:	-0.165	0.086
8:	-0.922	0.358
9:	-1.209	0.411
10:	0.030	-0.314

X CENTROID: 0.058
Y CENTROID: -0.034
POA TO CENTROID: 0.068
HORZ SPREAD: 2.740
VERT SPREAD: 1.518
GROUP SPREAD: 2.764
MIN RADIUS: 0.039
MAX RADIUS: 1.681
MEAN RADIUS: 0.679
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9



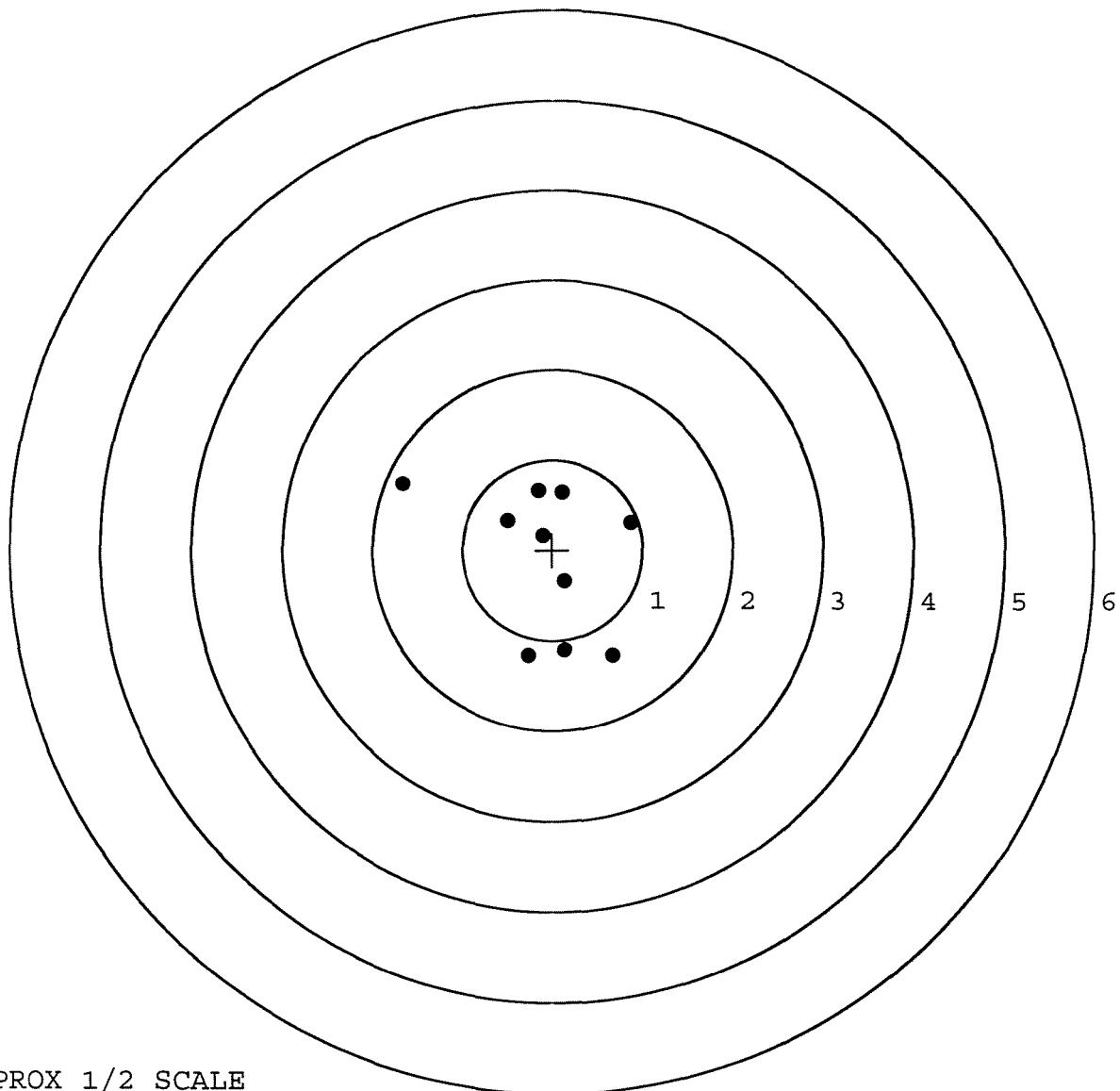
TARGET APPROX 1/2 SCALE

BARBER - M24 0176935

SERIAL NUMBER: G6693273. __0
 TARGET NUMBER: 2
 FILE DATE: 12/14/2007
 FILE TIME: 11:00

POINT#	X	Y
1:	0.676	-1.165
2:	0.140	-1.108
3:	-0.266	-1.169
4:	0.869	0.300
5:	0.138	-0.344
6:	-0.102	0.159
7:	0.113	0.639
8:	-0.154	0.654
9:	-0.495	0.323
10:	-1.661	0.728

X CENTROID: -0.074
 Y CENTROID: -0.098
 POA TO CENTROID: 0.123
 HORZ SPREAD: 2.530
 VERT SPREAD: 1.897
 GROUP SPREAD: 3.007
 MIN RADIUS: 0.259
 MAX RADIUS: 1.789
 MEAN RADIUS: 0.893
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 9



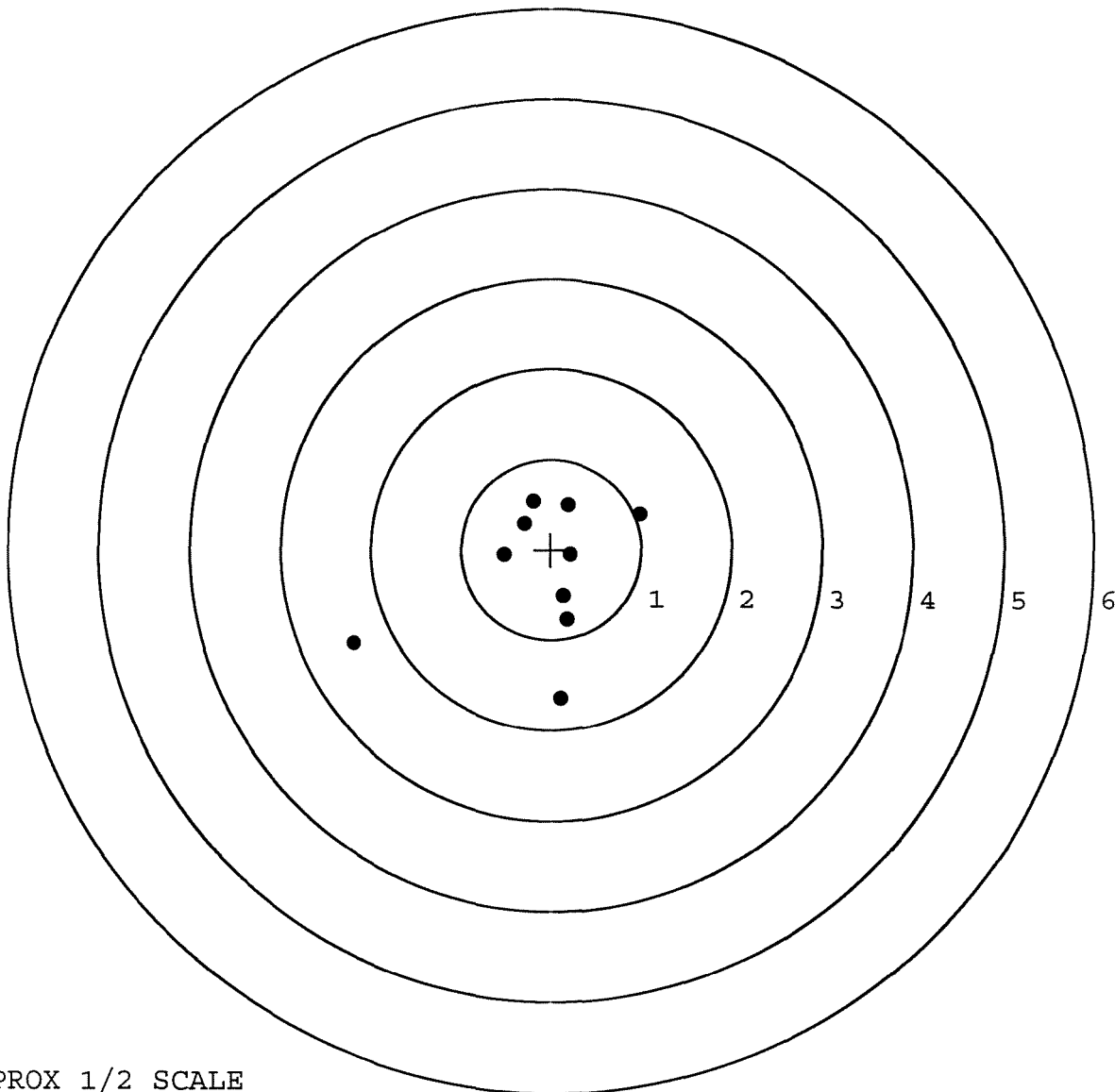
TARGET APPROX 1/2 SCALE

BARBER - M24 0176936

SERIAL NUMBER: G6693273. __0
TARGET NUMBER: 3
FILE DATE: 12/14/2007
FILE TIME: 11:00

POINT#	X	Y
1:	0.110	-1.659
2:	0.175	-0.783
3:	0.138	-0.517
4:	0.219	-0.054
5:	0.984	0.398
6:	0.189	0.499
7:	-0.197	0.539
8:	-0.298	0.292
9:	-0.518	-0.054
10:	-2.199	-1.052

X CENTROID: -0.140
Y CENTROID: -0.239
POA TO CENTROID: 0.277
HORZ SPREAD: 3.183
VERT SPREAD: 2.198
GROUP SPREAD: 3.498
MIN RADIUS: 0.393
MAX RADIUS: 2.214
MEAN RADIUS: 0.894
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9



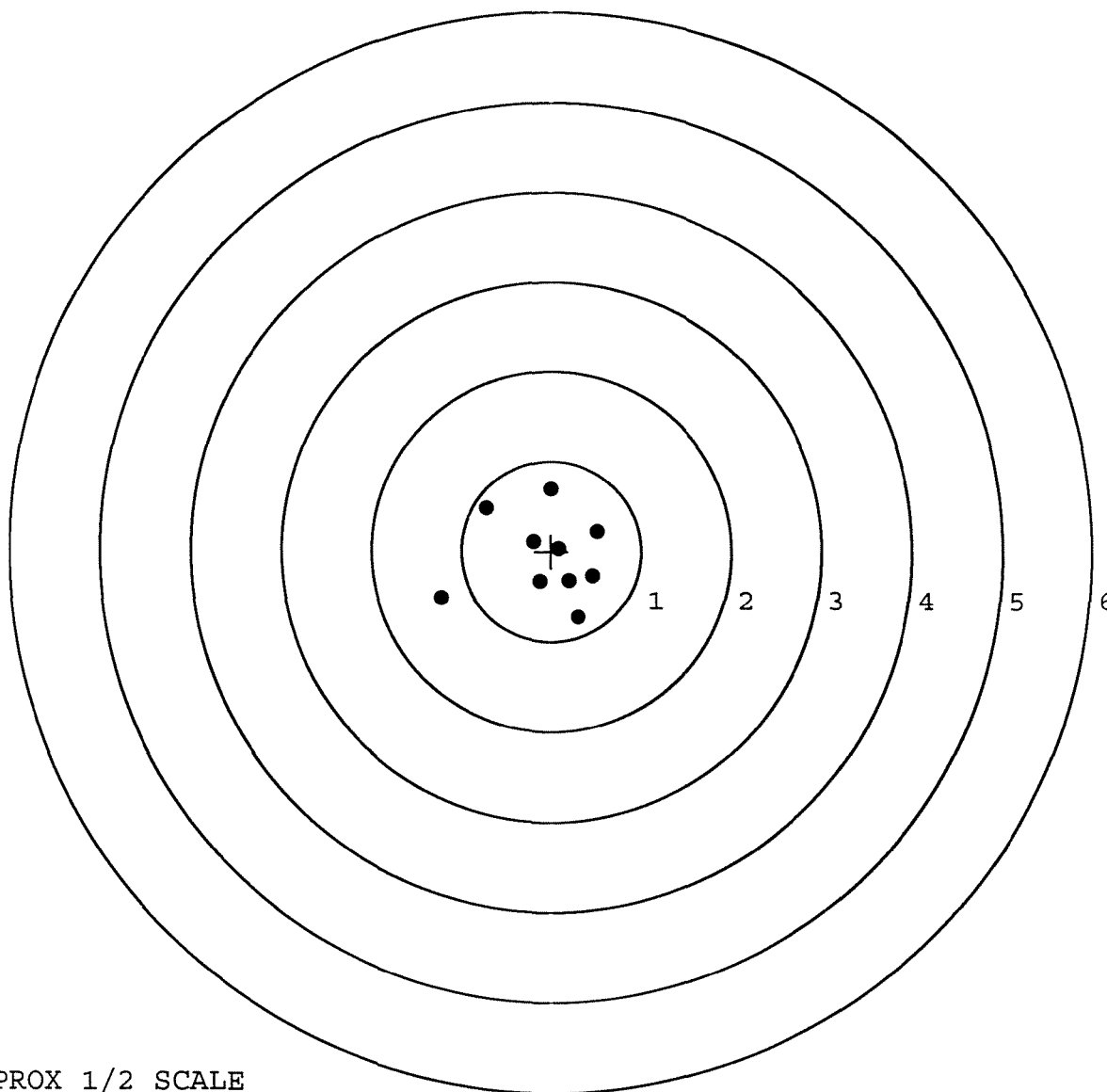
TARGET APPROX 1/2 SCALE

BARBER - M24 0176937

SERIAL NUMBER: G6693273. __0
TARGET NUMBER: 4
FILE DATE: 12/14/2007
FILE TIME: 11:00

X CENTROID: -0.071
Y CENTROID: -0.067
POA TO CENTROID: 0.097
HORZ SPREAD: 1.741
VERT SPREAD: 1.426
GROUP SPREAD: 1.892
MIN RADIUS: 0.183
MAX RADIUS: 1.243
MEAN RADIUS: 0.589
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.227	-0.524
2:	-0.717	0.479
3:	0.006	0.691
4:	0.514	0.216
5:	0.305	-0.735
6:	0.465	-0.275
7:	0.194	-0.331
8:	-0.131	-0.335
9:	0.082	0.033
10:	-0.199	0.111



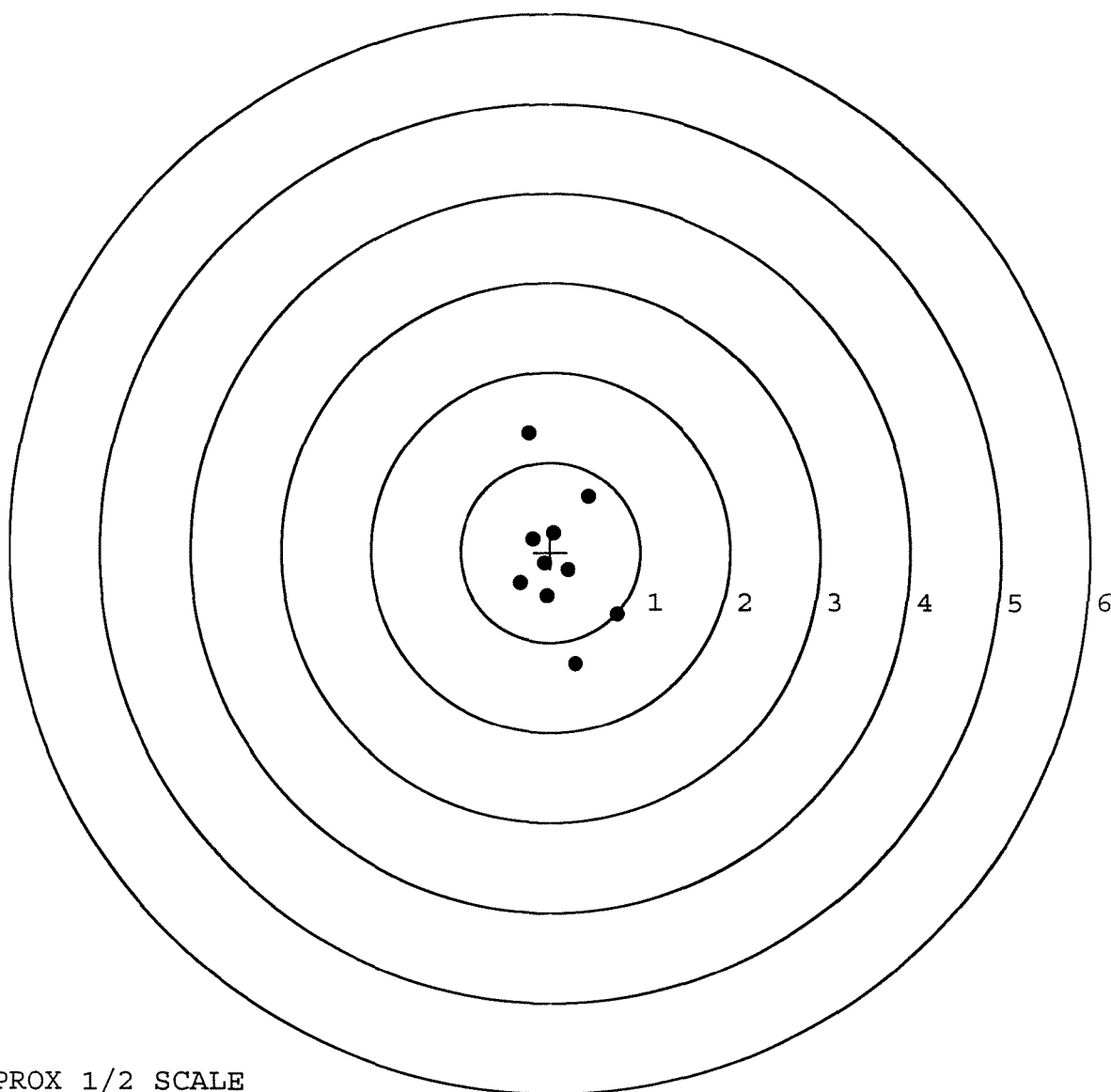
TARGET APPROX 1/2 SCALE

BARBER - M24 0176938

SERIAL NUMBER: G6693273. __0
 TARGET NUMBER: 5
 FILE DATE: 12/14/2007
 FILE TIME: 11:00

POINT#	X	Y
1:	-0.246	1.325
2:	0.433	0.620
3:	0.283	-1.241
4:	0.753	-0.687
5:	-0.334	-0.345
6:	-0.041	-0.481
7:	0.200	-0.194
8:	-0.194	0.150
9:	0.040	0.215
10:	-0.068	-0.126

X CENTROID: 0.083
 Y CENTROID: -0.076
 POA TO CENTROID: 0.113
 HORZ SPREAD: 1.087
 VERT SPREAD: 2.566
 GROUP SPREAD: 2.620
 MIN RADIUS: 0.159
 MAX RADIUS: 1.439
 MEAN RADIUS: 0.620
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE