

G-659 1539

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

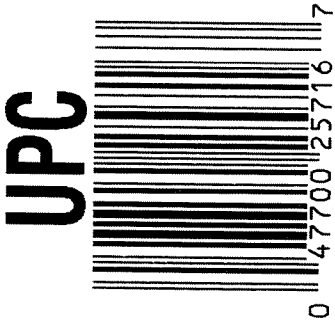
- INSTRUCTION BOOK 3518

DD FORM



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6591539



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



SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6591539

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		10-6-06	BLG
420	ASSEMBLE ACTION		10-7-06	BLG
430	ASSEMBLE TO STOCK		10-7-06	W.R.
440	PROOF	MAGNA-FLUX INSPECTED	10-7-06	TRW
460	CHECK HEADSPACE	OCT 12 2006	10-7-06	TRW
470	DIS-ASSEMBLE ACTION	OPERATOR <i>mmg</i>	10-9-06	RTZ
480	MAGNAFLUX BBL ACTION		10-12-06	<i>mmg</i>
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		10-10-06	CW
510	DRILL AND TAP SIGHT HOLES		10-9-06	TRW
520	GOFF BLAST BBL / REC		10-13-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)		10/16	HP
	(BOLT)			
560	RE-ASSEMBLE ACTION		10-21-06	SD
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		10-21-06	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10-21-06	SD
	D) OIL FIRING PIN ASSEMBLY		10-24-06	BLG
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

F004 REV 5/2006

OP #	OPERATION NAME	BARBER - M24 042400167610	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>8.0</u> <u>7.0</u> <u>7.0</u>	11-10-06	L.P.D.
CONT.					
	G) SAFETY OFF FORCE	2 LBS MIN	<u>2.0</u> <u>3.0</u> <u>3.5</u>	11-10-06	L.P.D.
	H) TRIGGER PULL TEST AND RETAINABILITY				
	I) FIRING PIN INDENT	.020 MIN	<u>.0245</u> <u>.025</u> <u>.0245</u>	11-10-06	L.P.D.
	J) ASSEMBLE STOCK			10-24-06	BLC
	K) ASSEMBLE SWIVEL STUDS			1-18-06	RTZ
	L) ATTACH FRONT AND REAR SIGHT ASSY'S			10-24-06	BLC
	M) IRON SIGHT ALIGNMENT			10-24-06	BLC
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER			10-24-06	BLC
640 & 650	FUNCTION TEST AND TARGET		<u>PASS</u> FAIL <u>PASS</u> FAIL	10-24-06	L.P.D.
	MALFUNCTION	CORRECTION	N/A		
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
660	INSPECT FOR LIVE AMMO			10/24/06	mm
670	FINAL INSPECTION A) HEADSPACE			11-18-06	RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.74</u> <u>2.41</u> <u>2.35</u> <u>2.48</u> <u>2.27</u>	11-10-06	RP
	C) FUNCTION			11-18-06	RTZ
690	PACK			2-1-07	RA

F004 REV 5/2006

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 042400167649

BARBER - M24 0167611AVERAGE 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 10-16-06TESTER SD

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.44	2.19		2.11	
PULL #2	2.59	2.16		2.08	
PULL #3	2.48	2.07		2.06	
PULL #4	2.57	2.11		2.05	
PULL #5	2.51	2.05		2.03	
TOTAL	1259	1058		1033	
AVERAGE	251	211		206	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.16	2.94		
PULL #2	3.11	2.96		
PULL #3	3.15	2.93		
PULL #4	3.12	2.92		
PULL #5	3.09	2.94		
TOTAL	1563	1469		
AVERAGE	312	293		

	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	4.20	4.21		4.29
PULL #2	4.16	4.23		4.15
PULL #3	4.21	4.15		4.21
PULL #4	4.31	4.20		4.15
PULL #5	4.28	4.30		4.16
TOTAL	2116	2109		2096
AVERAGE	423	421		419

BARBER - M24 0167612

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6591539.___0
FILE DATE AND TIME: 10/25/2006 13:23

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

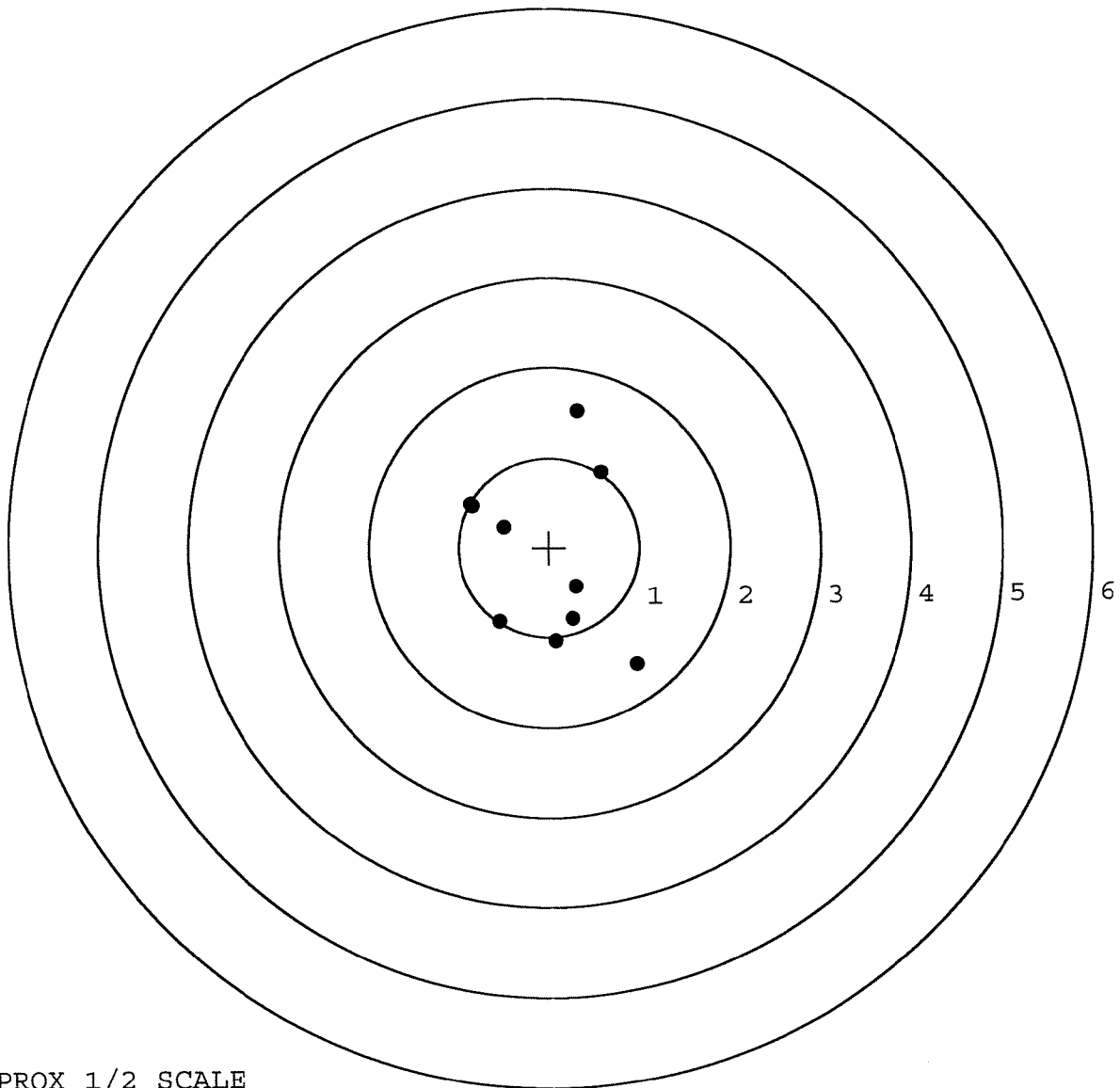
The Average X Centroid of the Five Target Set:	0.020
The Average Y Centroid of the Five Target Set:	-0.138
The Average Point of Impact of the Five Target Set:	0.139
The Average Mean Radius of the Five Target Set:	0.845
The Distance from POA to Centroid Target #1:	0.093
The Distance from Centroid Target #2 to Centroid Target #1:	0.135
The Distance from Centroid Target #3 to Centroid Target #1:	0.108
The Distance from Centroid Target #4 to Centroid Target #1:	0.326
The Distance from Centroid Target #5 to Centroid Target #1:	0.119

BARBER - M24 0167613

SERIAL NUMBER: G6591539. __0
TARGET NUMBER: 1
FILE DATE: 10/25/2006
FILE TIME: 13:23

X CENTROID: -0.025
Y CENTROID: -0.089
POA TO CENTROID: 0.093
HORZ SPREAD: 1.829
VERT SPREAD: 2.826
GROUP SPREAD: 2.897
MIN RADIUS: 0.480
MAX RADIUS: 1.644
MEAN RADIUS: 1.003
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.328	1.516
2:	0.581	0.838
3:	-0.494	0.228
4:	-0.863	0.492
5:	-0.845	0.471
6:	0.302	-0.441
7:	0.263	-0.805
8:	0.067	-1.052
9:	-0.552	-0.831
10:	0.966	-1.310



TARGET APPROX 1/2 SCALE

BARBER - M24 0167614

SERIAL NUMBER: G6591539. __0

TARGET NUMBER: 2

FILE DATE: 10/25/2006

FILE TIME: 13:23

X CENTROID: 0.092

Y CENTROID: -0.021

POA TO CENTROID: 0.095

HORZ SPREAD: 1.312

VERT SPREAD: 1.557

GROUP SPREAD: 1.763

MIN RADIUS: 0.280

MAX RADIUS: 0.969

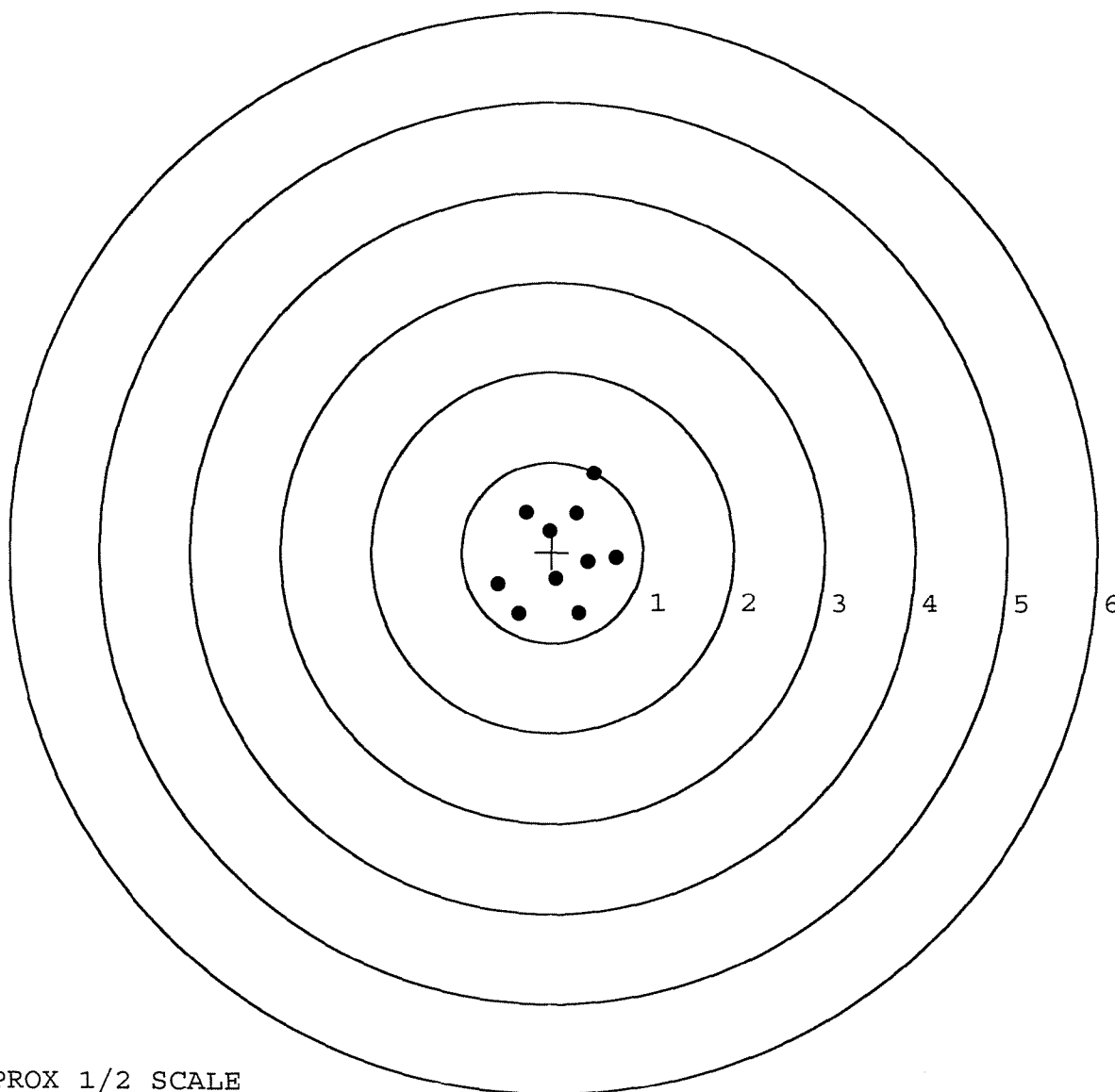
MEAN RADIUS: 0.581

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.463	0.874
2:	0.275	0.432
3:	-0.029	0.231
4:	-0.285	0.434
5:	-0.599	-0.354
6:	-0.365	-0.683
7:	0.043	-0.297
8:	0.303	-0.676
9:	0.403	-0.107
10:	0.713	-0.065



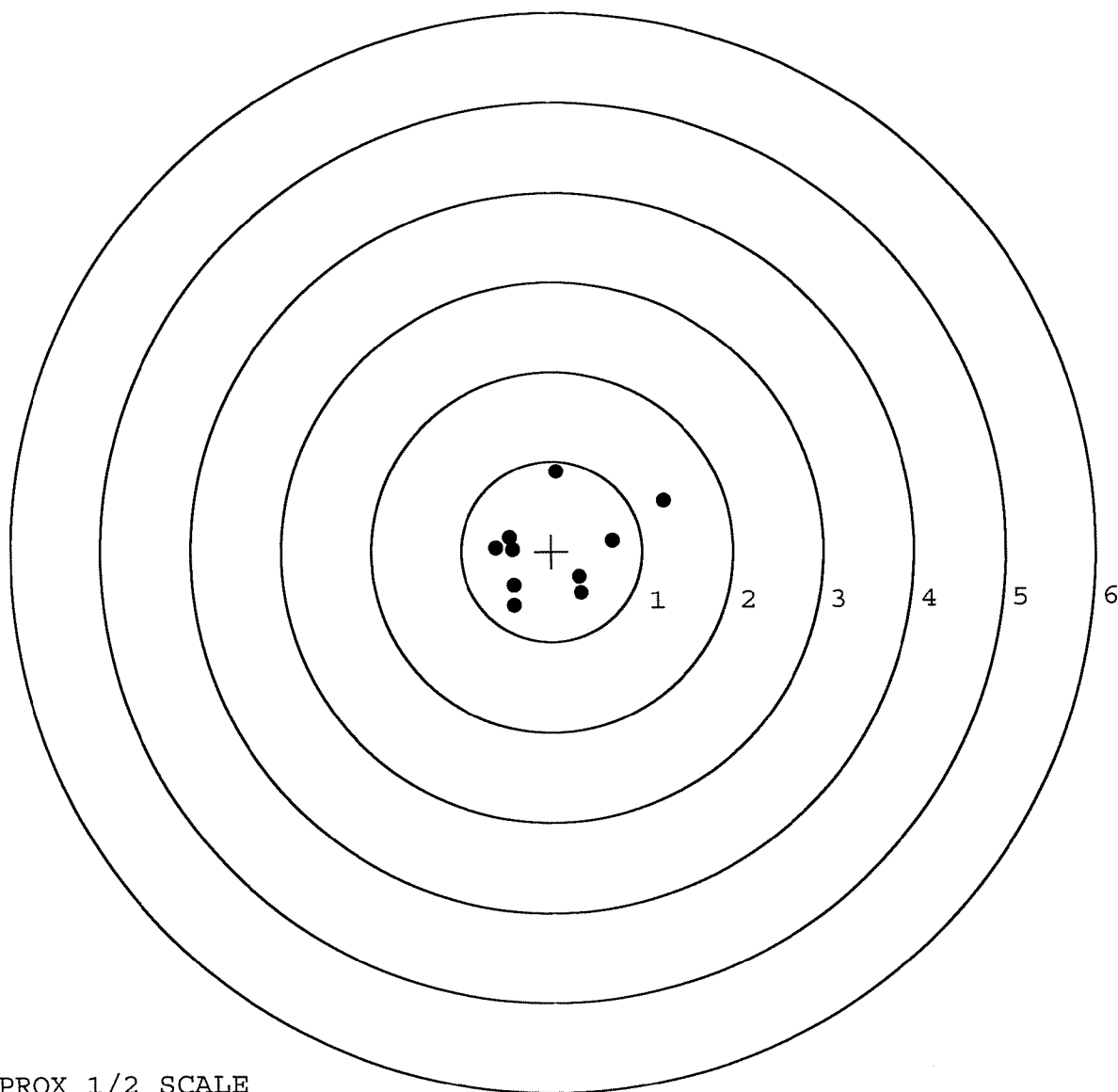
TARGET APPROX 1/2 SCALE

BARBER - M24 0167615

SERIAL NUMBER: G6591539. __0
TARGET NUMBER: 3
FILE DATE: 10/25/2006
FILE TIME: 13:23

X CENTROID: 0.027
Y CENTROID: 0.006
POA TO CENTROID: 0.027
HORZ SPREAD: 1.853
VERT SPREAD: 1.485
GROUP SPREAD: 2.012
MIN RADIUS: 0.405
MAX RADIUS: 1.326
MEAN RADIUS: 0.678
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.054	0.883
2:	1.236	0.550
3:	-0.433	0.022
4:	-0.461	0.160
5:	-0.617	0.045
6:	-0.416	-0.374
7:	-0.414	-0.602
8:	0.333	-0.461
9:	0.311	-0.283
10:	0.675	0.117

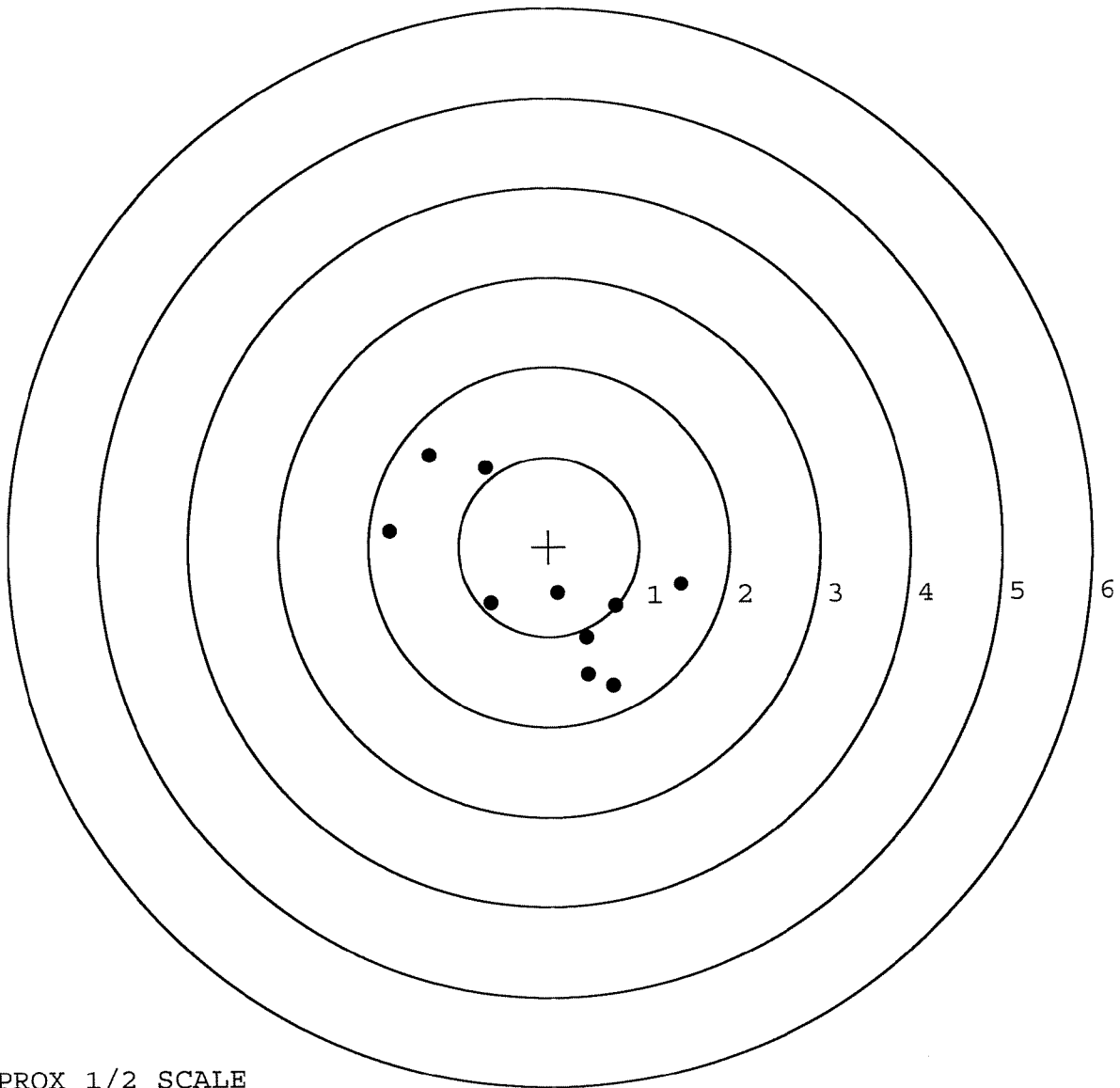


BARBER - M24 0167616

SERIAL NUMBER: G6591539. __0
TARGET NUMBER: 4
FILE DATE: 10/25/2006
FILE TIME: 13:23

X CENTROID: -0.057
Y CENTROID: -0.414
POA TO CENTROID: 0.418
HORZ SPREAD: 3.220
VERT SPREAD: 2.591
GROUP SPREAD: 3.283
MIN RADIUS: 0.187
MAX RADIUS: 1.921
MEAN RADIUS: 1.159
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 7

POINT#	X	Y
1:	-1.315	1.038
2:	-0.689	0.888
3:	-1.763	0.191
4:	-0.640	-0.633
5:	0.095	-0.523
6:	0.738	-0.671
7:	1.457	-0.435
8:	0.417	-1.016
9:	0.433	-1.424
10:	0.701	-1.553



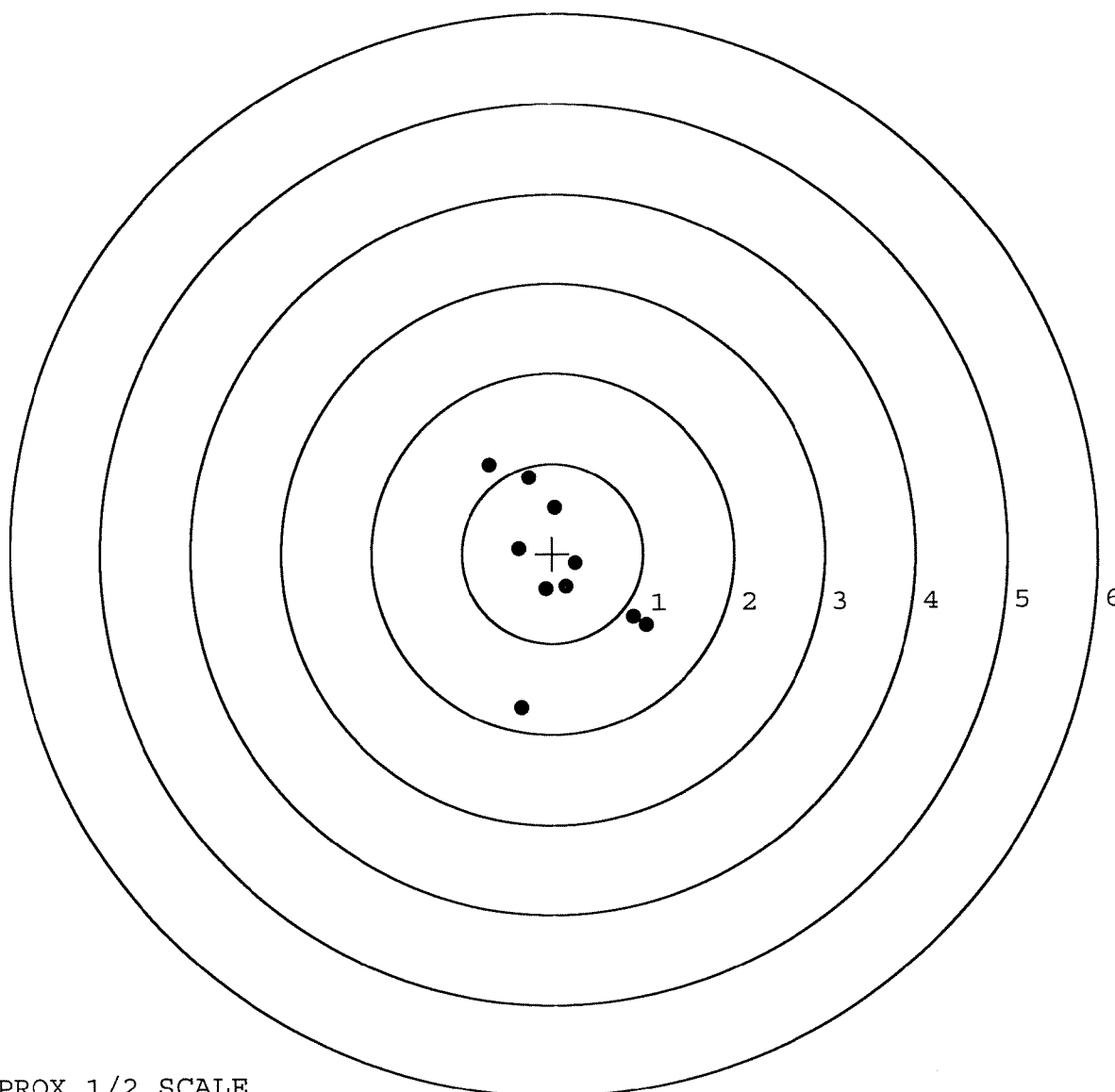
TARGET APPROX 1/2 SCALE

BARBER - M24 0167617

SERIAL NUMBER: G6591539. __0
 TARGET NUMBER: 5
 FILE DATE: 10/25/2006
 FILE TIME: 13:23

X CENTROID: 0.062
 Y CENTROID: -0.171
 POA TO CENTROID: 0.182
 HORZ SPREAD: 1.718
 VERT SPREAD: 2.696
 GROUP SPREAD: 2.718
 MIN RADIUS: 0.207
 MAX RADIUS: 1.589
 MEAN RADIUS: 0.804
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.690	0.989
2:	-0.259	0.842
3:	0.030	0.507
4:	-0.368	0.056
5:	0.258	-0.107
6:	0.150	-0.367
7:	-0.079	-0.399
8:	0.893	-0.717
9:	1.028	-0.808
10:	-0.347	-1.707



TARGET APPROX 1/2 SCALE