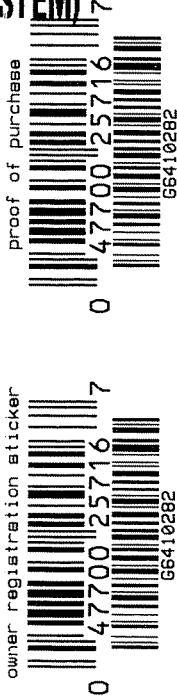


G-6410282

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

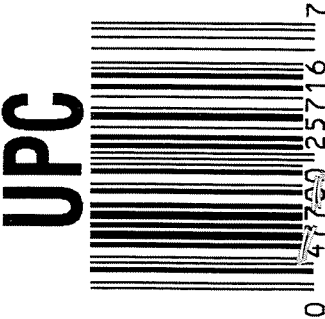
- INSTRUCTION BOOK 3518

DD FORM



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6410282



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



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



SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6410282

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		12-27-04	RTL
600	PROOF		12-28-04	K
607	CHECK HEADSPACE		12-28-04	K
610	DIS-ASSEMBLE GUN		12-28-04	RTL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT		12-28-04	TRW
615	ROLLMARK CALIBER		12-29-04	TRW
617	DRILL AND TAP SIGHT HOLES		12-28-04	TRW
620	APPLY COATINGS (BARREL ACTION)		1-5-05	HP
	(BOLT)			
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		1-10-05	DT
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		1-10-05	DTA
	C) INSPECT EJECTOR HOLE FOR CHAMFER			
	D) OIL FIRING PIN ASSEMBLY		1-10-05	RTL
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS		

OP # BARBER M24A1 49660			READINGS			DATE	INITIAL
625	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>4.5</u>	<u>4.0</u>	<u>4.5</u>	1-18-05	DA
CONT.							
	G) SAFETY OFF FORCE	2 LBS MIN	<u>2.0</u>	<u>2.0</u>	<u>2.0</u>	1-18-05	DA
	H) TRIGGER PULL TEST AND RETAINABILITY						
	I) FIRING PIN INDENT	.020 MIN	<u>1.024</u>	<u>1.025</u>	<u>1.024</u>	1-18-05	DA
	J) ASSEMBLE STOCK					1-10-05	RTZ
	K) ASSEMBLE SWIVEL STUDS					1-19-05	RTZ
	L) ATTACH FRONT AND REAR SIGHT ASSY'S						
	M) IRON SIGHT ALIGNMENT		N/A				
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER						
640	GALLERY TEST AND TARGET		PASS FAIL			1-18-05	DA
	MALFUNCTION		CORRECTION				
	MALFUNCTION		CORRECTION N/A				
	MALFUNCTION		CORRECTION				
	MALFUNCTION		CORRECTION				
645	INSPECT FOR LIVE AMMO					1-18-05	DA
655	FINAL INSPECTION A) HEADSPACE					1-18-05	RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.20</u>	<u>2.20</u>	<u>2.12</u> <u>2.22</u> <u>2.16</u>	1-19-05	DA
	C) FUNCTION					1-19-05	RTZ
660	PACK					1-20-05	DA

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

BARBER - M24 0149661

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)

SERIAL NO.

DATE

TESTER

1-3-05

TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.09	2.51		2.18	
PULL #2	2.28	2.56		2.19	
PULL #3	2.33	2.42		2.15	
PULL #4	2.41	2.35		2.26	
PULL #5	2.42	2.41		2.22	
TOTAL	11.53	12.25		11.00	
AVERAGE	2.30	2.45		2.20	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.26		
PULL #2	3.12	3.24		
PULL #3	3.11	3.18		
PULL #4	3.11	3.17		
PULL #5	3.08	3.15		
TOTAL	15.67	16.00		
AVERAGE	3.13	3.20		

	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	4.17	4.37		4.44
PULL #2	4.26	4.42		4.38
PULL #3	4.16	4.40		4.39
PULL #4	4.16	4.36		4.48
PULL #5	4.13	4.39		4.32
TOTAL	20.88	21.94		22.01
AVERAGE	4.17	4.38		4.40

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6410282.___1
FILE DATE AND TIME: 10/07/2005 08:29

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

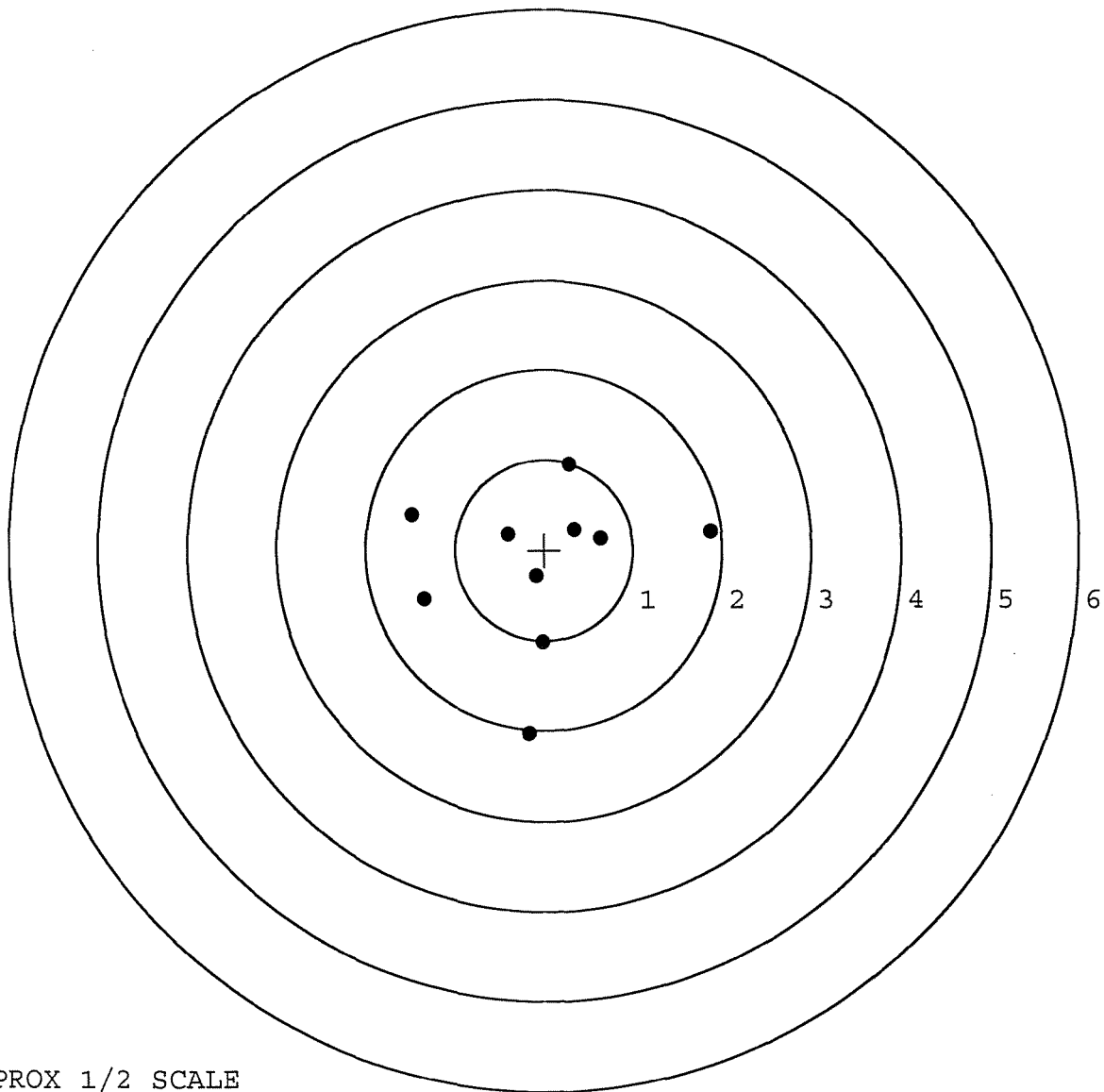
The Average X Centroid of the Five Target Set:	-0.025
The Average Y Centroid of the Five Target Set:	-0.147
The Average Point of Impact of the Five Target Set:	0.149
The Average Mean Radius of the Five Target Set:	0.981
The Distance from POA to Centroid Target #1:	0.188
The Distance from Centroid Target #2 to Centroid Target #1:	0.083
The Distance from Centroid Target #3 to Centroid Target #1:	0.108
The Distance from Centroid Target #4 to Centroid Target #1:	0.067
The Distance from Centroid Target #5 to Centroid Target #1:	0.132

BARBER - M24 0149663

SERIAL NUMBER: G6410282. __1
TARGET NUMBER: 1
FILE DATE: 10/07/2005
FILE TIME: 08:29

X CENTROID: -0.043
Y CENTROID: -0.183
POA TO CENTROID: 0.188
HORZ SPREAD: 3.363
VERT SPREAD: 2.994
GROUP SPREAD: 3.368
MIN RADIUS: 0.122
MAX RADIUS: 1.952
MEAN RADIUS: 1.071
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 7

POINT#	X	Y
1:	1.870	0.208
2:	0.638	0.134
3:	0.337	0.228
4:	0.284	0.952
5:	-0.413	0.179
6:	-0.097	-0.292
7:	-0.024	-1.023
8:	-0.178	-2.042
9:	-1.353	-0.556
10:	-1.493	0.384



TARGET APPROX 1/2 SCALE

BARBER - M24 0149664

SERIAL NUMBER: G6410282. __1

TARGET NUMBER: 2

FILE DATE: 10/07/2005

FILE TIME: 08:29

POINT#	X	Y
1:	0.969	-1.099
2:	0.596	-0.384
3:	-0.057	-0.034
4:	0.036	0.467
5:	0.066	0.923
6:	-1.586	0.623
7:	-0.771	-0.570
8:	-0.008	-0.561
9:	-0.115	-0.770
10:	-0.151	-1.008

X CENTROID: -0.102

Y CENTROID: -0.241

POA TO CENTROID: 0.262

HORZ SPREAD: 2.555

VERT SPREAD: 2.022

GROUP SPREAD: 3.081

MIN RADIUS: 0.212

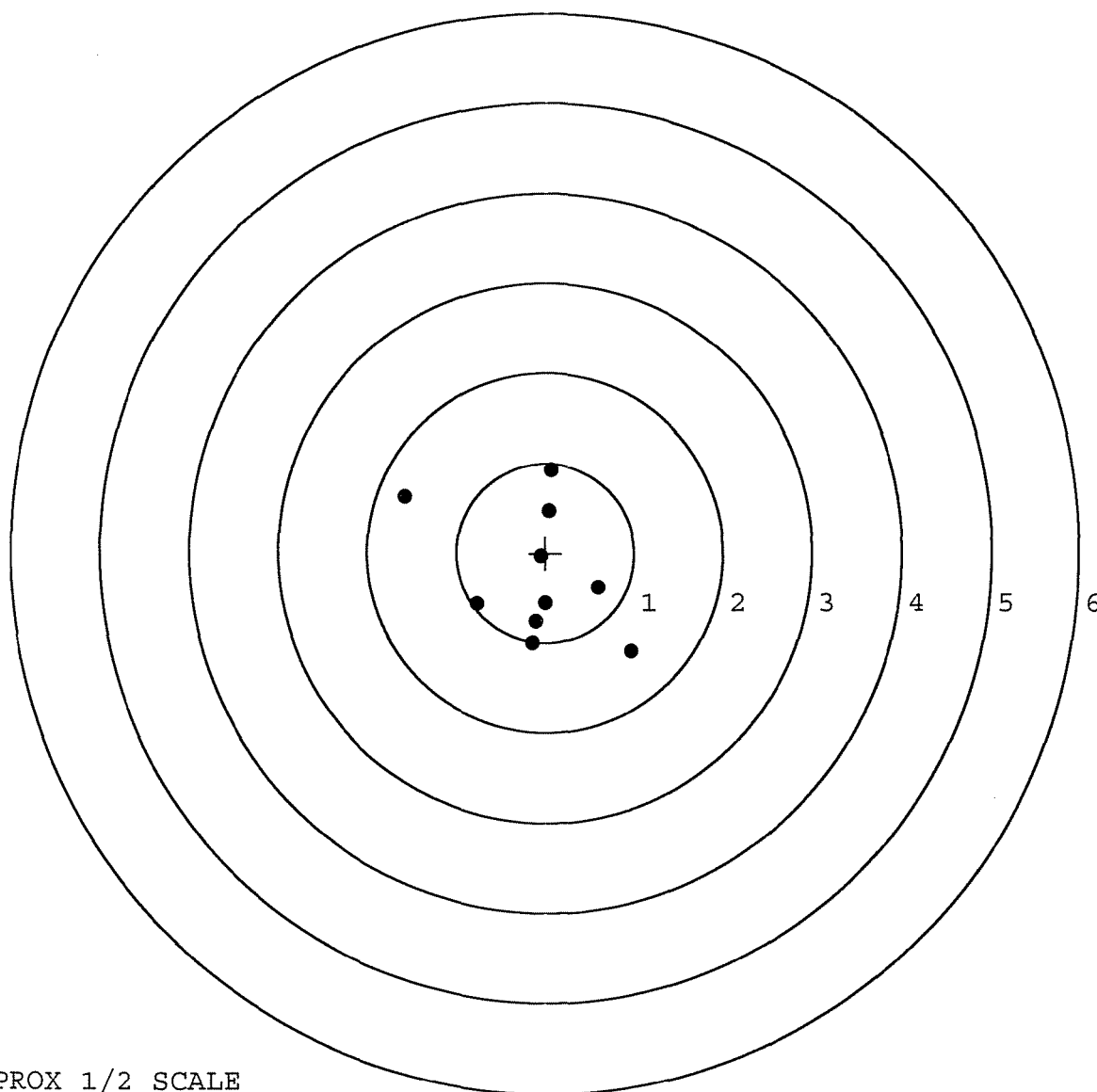
MAX RADIUS: 1.717

MEAN RADIUS: 0.829

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



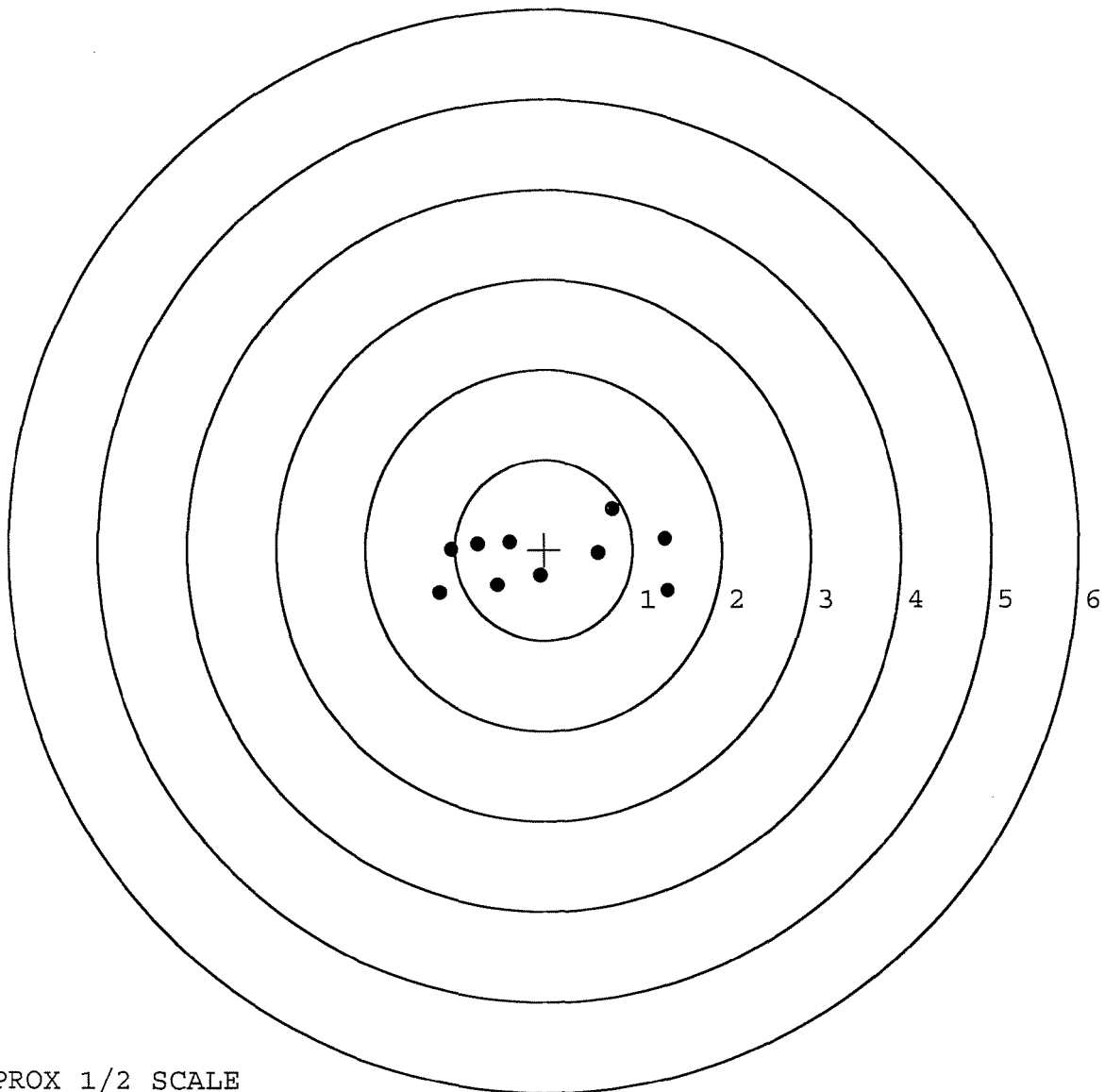
TARGET APPROX 1/2 SCALE

BARBER - M24 0149665

SERIAL NUMBER: G6410282. 1
TARGET NUMBER: 3
FILE DATE: 10/07/2005
FILE TIME: 08:29

POINT#	X	Y
1:	1.391	-0.452
2:	1.366	0.126
3:	0.613	-0.034
4:	0.764	0.456
5:	-0.047	-0.289
6:	-0.391	0.082
7:	-0.744	0.062
8:	-1.045	-0.009
9:	-1.178	-0.492
10:	-0.533	-0.397

X CENTROID: 0.020
Y CENTROID: -0.095
POA TO CENTROID: 0.097
HORZ SPREAD: 2.569
VERT SPREAD: 0.948
GROUP SPREAD: 2.569
MIN RADIUS: 0.205
MAX RADIUS: 1.417
MEAN RADIUS: 0.870
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10



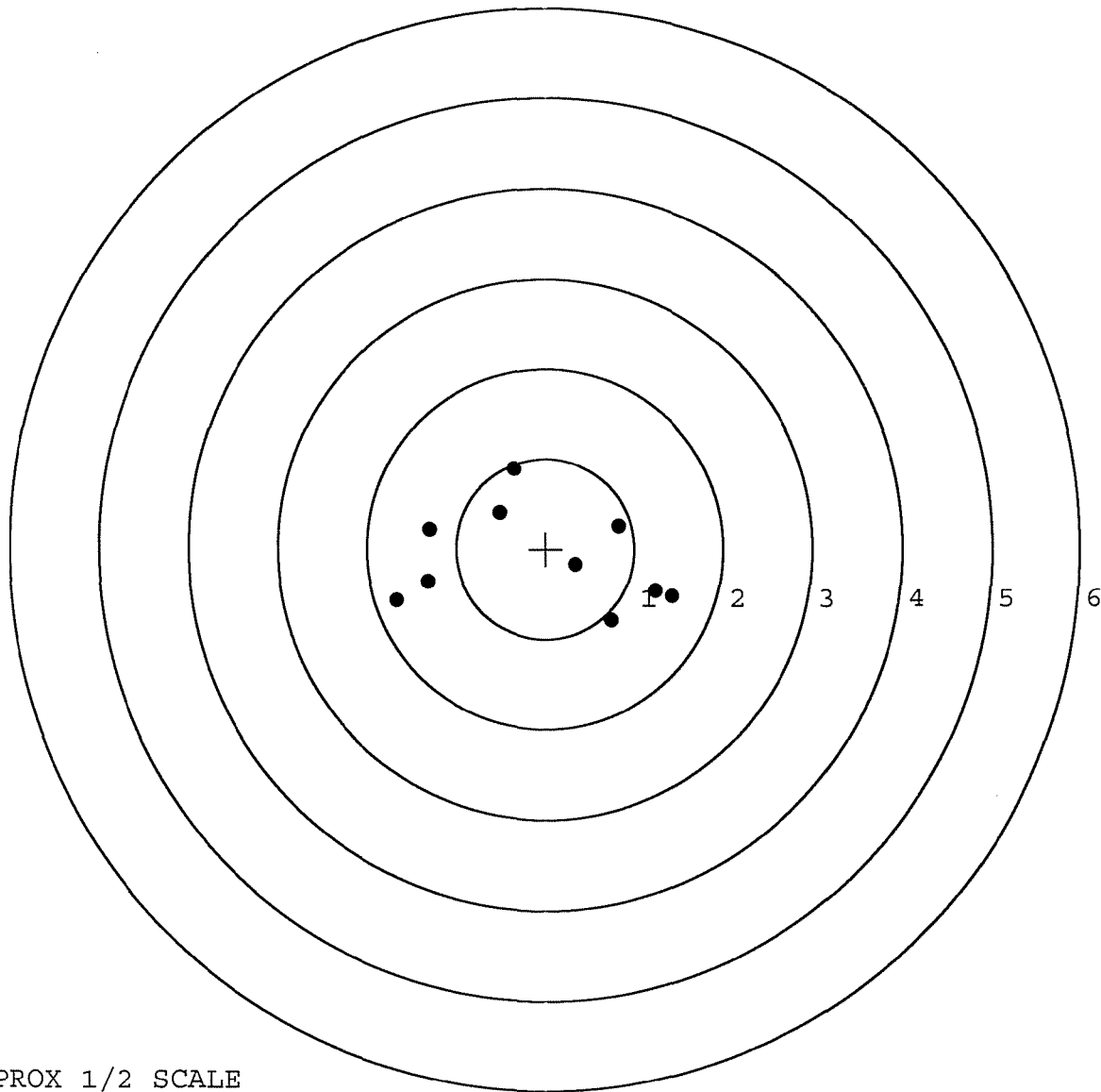
TARGET APPROX 1/2 SCALE

BARBER - M24 0149666

SERIAL NUMBER: G6410282. __1
TARGET NUMBER: 4
FILE DATE: 10/07/2005
FILE TIME: 08:29

POINT#	X	Y
1:	0.745	-0.798
2:	1.242	-0.470
3:	1.429	-0.524
4:	0.821	0.253
5:	0.340	-0.178
6:	-0.515	0.395
7:	-0.359	0.881
8:	-1.302	0.208
9:	-1.321	-0.368
10:	-1.673	-0.577

X CENTROID: -0.059
Y CENTROID: -0.118
POA TO CENTROID: 0.132
HORZ SPREAD: 3.102
VERT SPREAD: 1.679
GROUP SPREAD: 3.102
MIN RADIUS: 0.404
MAX RADIUS: 1.678
MEAN RADIUS: 1.128
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 3
in 3 IN DIAMETER: 8

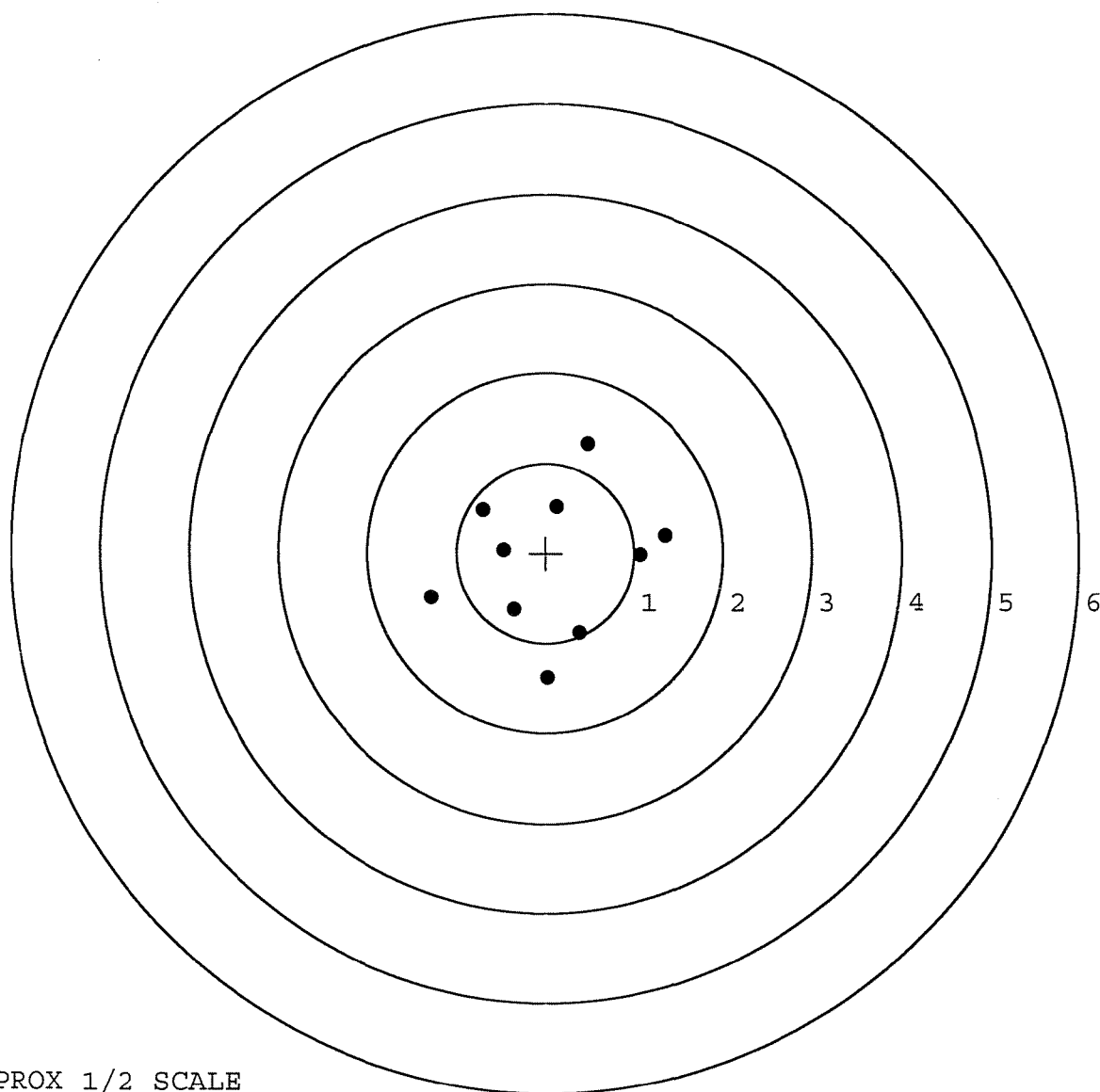


BARBER - M24 0149667

SERIAL NUMBER: G6410282. __1
 TARGET NUMBER: 5
 FILE DATE: 10/07/2005
 FILE TIME: 08:29

POINT#	X	Y
1:	0.383	-0.891
2:	1.067	-0.023
3:	1.352	0.195
4:	0.016	-1.391
5:	-0.366	-0.627
6:	-1.293	-0.496
7:	-0.479	0.035
8:	-0.701	0.481
9:	0.126	0.518
10:	0.480	1.217

X CENTROID: 0.059
 Y CENTROID: -0.098
 POA TO CENTROID: 0.114
 HORZ SPREAD: 2.645
 VERT SPREAD: 2.608
 GROUP SPREAD: 2.734
 MIN RADIUS: 0.554
 MAX RADIUS: 1.409
 MEAN RADIUS: 1.008
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE