

G 659153C

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

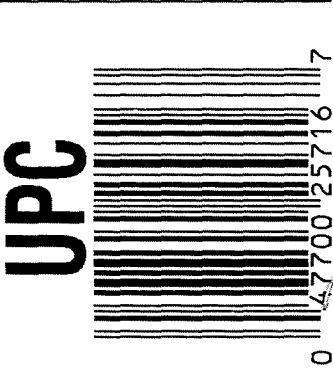
- INSTUCTION BOOK 3518

DD FORM



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6591536



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 6591536

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		10-6-06	RTZ
420	ASSEMBLE ACTION		10-6-06	BLG
430	ASSEMBLE TO STOCK		10-7-06	WK
440	PROOF		10-7-06	TRW
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	10-7-06	TRW
470	DIS-ASSEMBLE ACTION	OCT 10 2006	10-9-06	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>APD</u>	10-10-06	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		10-10-06	W
510	DRILL AND TAP SIGHT HOLES		10-9-06	TRW
520	GOFF BLAST BBL / REC		10-11-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		10/18/06	TS
560	RE-ASSEMBLE ACTION		10-25-06	SD
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		10-25-06	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10-25-06	SD
	D) OIL FIRING PIN ASSEMBLY		11-6-06	BLG
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS		

F004 REV 5/2006

OP #	OPERATION NAME	67567	READINGS			DATE	INITIALS		
560	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>4^o</u>	<u>4^o</u>	<u>4^o</u>	11-14-06	SD		
CONT.									
	G) SAFETY OFF FORCE	2 LBS MIN	<u>6^o</u>	<u>6^o</u>	<u>6^o</u>	11-14-06	SD		
	H) TRIGGER PULL TEST AND RETAINABILITY								
	I) FIRING PIN INDENT	.020 MIN	<u>.025</u>	<u>.024</u>	<u>.024</u>	11-14-06	SD		
	J) ASSEMBLE STOCK					11-6-06	BLG		
	K) ASSEMBLE SWIVEL STUDS					11-17-06	SPJ		
	L) ATTACH FRONT AND REAR SIGHT ASSY'S					11-17-06	RTZ		
	M) IRON SIGHT ALIGNMENT					11-17-06	RTZ		
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER					11-17-06	RTZ		
640 & 650	FUNCTION TEST AND TARGET		PASS	FAIL					
			PASS	FAIL		11/6/06	non		
	Bolt CH MALFUNCTION Full mag.		CORRECTION						
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
660	INSPECT FOR LIVE AMMO					11-6-06	SD		
670	FINAL INSPECTION A) HEADSPACE					11-17-06	SPJ		
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.43</u>	<u>2.42</u>	<u>2.41</u>	<u>2.45</u>	<u>2.31</u>	11-13-06	SD
	C) FUNCTION					11-17-06	SPJ		
690	PACK					25-07	PP		

F004 REV 5/2006

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

BARBER - M24 M2400467606

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 11-2-06

TESTER SD

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.52	2.49		2.59	
PULL #2	2.45	2.26		2.53	
PULL #3	2.50	2.39		2.49	
PULL #4	2.51	2.33		2.55	
PULL #5	2.52	2.34		2.52	
TOTAL	1250	1181		1268	
AVERAGE	250	236		253	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.07	2.98		
PULL #2	3.04	2.96		
PULL #3	2.98	3.04		
PULL #4	2.93	3.03		
PULL #5	2.95	3.00		
TOTAL	1497	1501		
AVERAGE	299	300		

	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	4.45		4.20
PULL #2	4.22	4.42		4.16
PULL #3	4.31	4.41		4.17
PULL #4	4.22	4.41		4.13
PULL #5	4.17	4.41		4.13
TOTAL	2117	2210		2079
AVERAGE	423	442		415

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6591536.___0
FILE DATE AND TIME: 11/07/2006 06:08

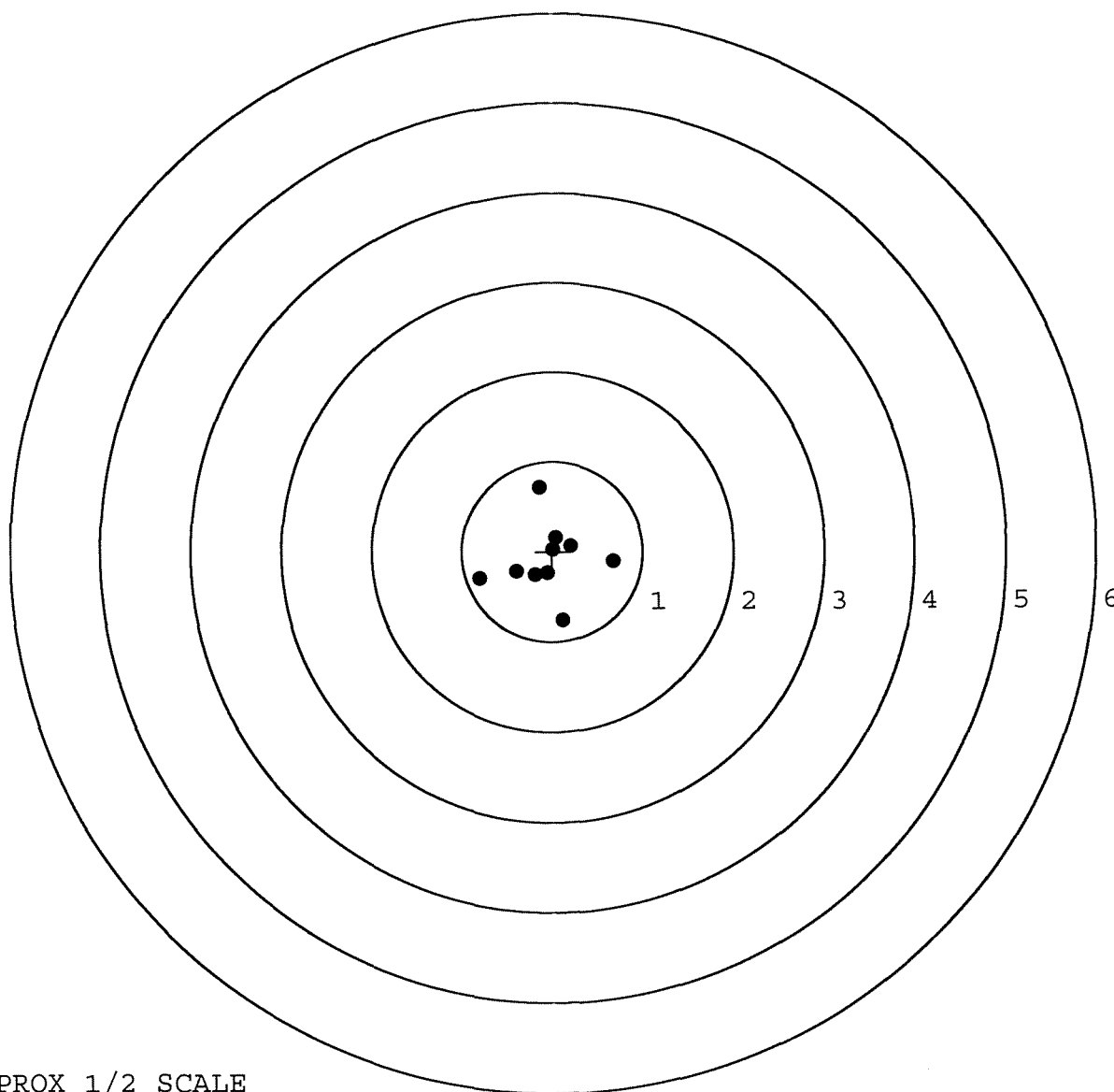
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.038
The Average Y Centroid of the Five Target Set:	0.017
The Average Point of Impact of the Five Target Set:	0.042
The Average Mean Radius of the Five Target Set:	0.518
The Distance from POA to Centroid Target #1:	0.109
The Distance from Centroid Target #2 to Centroid Target #1:	0.040
The Distance from Centroid Target #3 to Centroid Target #1:	0.167
The Distance from Centroid Target #4 to Centroid Target #1:	0.210
The Distance from Centroid Target #5 to Centroid Target #1:	0.170

SERIAL NUMBER: G6591536. 0
 TARGET NUMBER: 1
 FILE DATE: 11/07/2006
 FILE TIME: 06:08

X CENTROID: -0.054
 Y CENTROID: -0.094
 POA TO CENTROID: 0.109
 HORZ SPREAD: 1.480
 VERT SPREAD: 1.481
 GROUP SPREAD: 1.504
 MIN RADIUS: 0.134
 MAX RADIUS: 0.811
 MEAN RADIUS: 0.446
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.143	0.712
2:	0.674	-0.111
3:	0.120	-0.769
4:	-0.806	-0.296
5:	-0.398	-0.223
6:	-0.059	-0.244
7:	0.212	0.066
8:	0.044	0.158
9:	0.007	0.025
10:	-0.188	-0.261

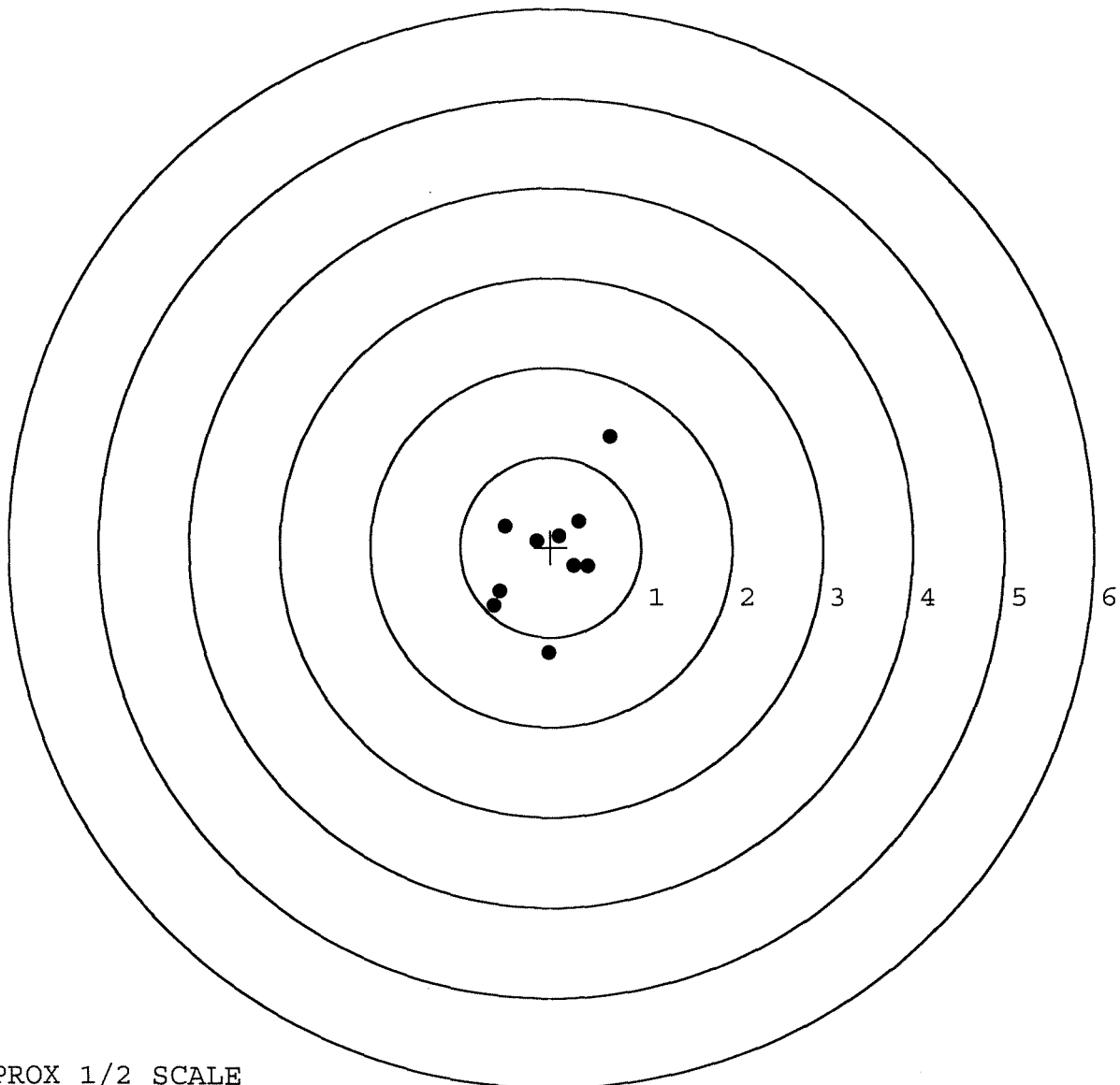


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591536. __0
 TARGET NUMBER: 2
 FILE DATE: 11/07/2006
 FILE TIME: 06:08

POINT#	X	Y
1:	-0.024	-1.178
2:	-0.630	-0.650
3:	0.650	1.227
4:	0.411	-0.214
5:	0.258	-0.208
6:	0.310	0.284
7:	0.097	0.121
8:	-0.159	0.070
9:	-0.502	0.229
10:	-0.565	-0.493

X CENTROID: -0.015
 Y CENTROID: -0.081
 POA TO CENTROID: 0.083
 HORZ SPREAD: 1.280
 VERT SPREAD: 2.405
 GROUP SPREAD: 2.498
 MIN RADIUS: 0.209
 MAX RADIUS: 1.468
 MEAN RADIUS: 0.634
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591536. 0

TARGET NUMBER: 3

FILE DATE: 11/07/2006

FILE TIME: 06:08

X CENTROID: -0.061

Y CENTROID: 0.073

POA TO CENTROID: 0.095

HORZ SPREAD: 0.980

VERT SPREAD: 1.794

GROUP SPREAD: 1.878

MIN RADIUS: 0.165

MAX RADIUS: 1.188

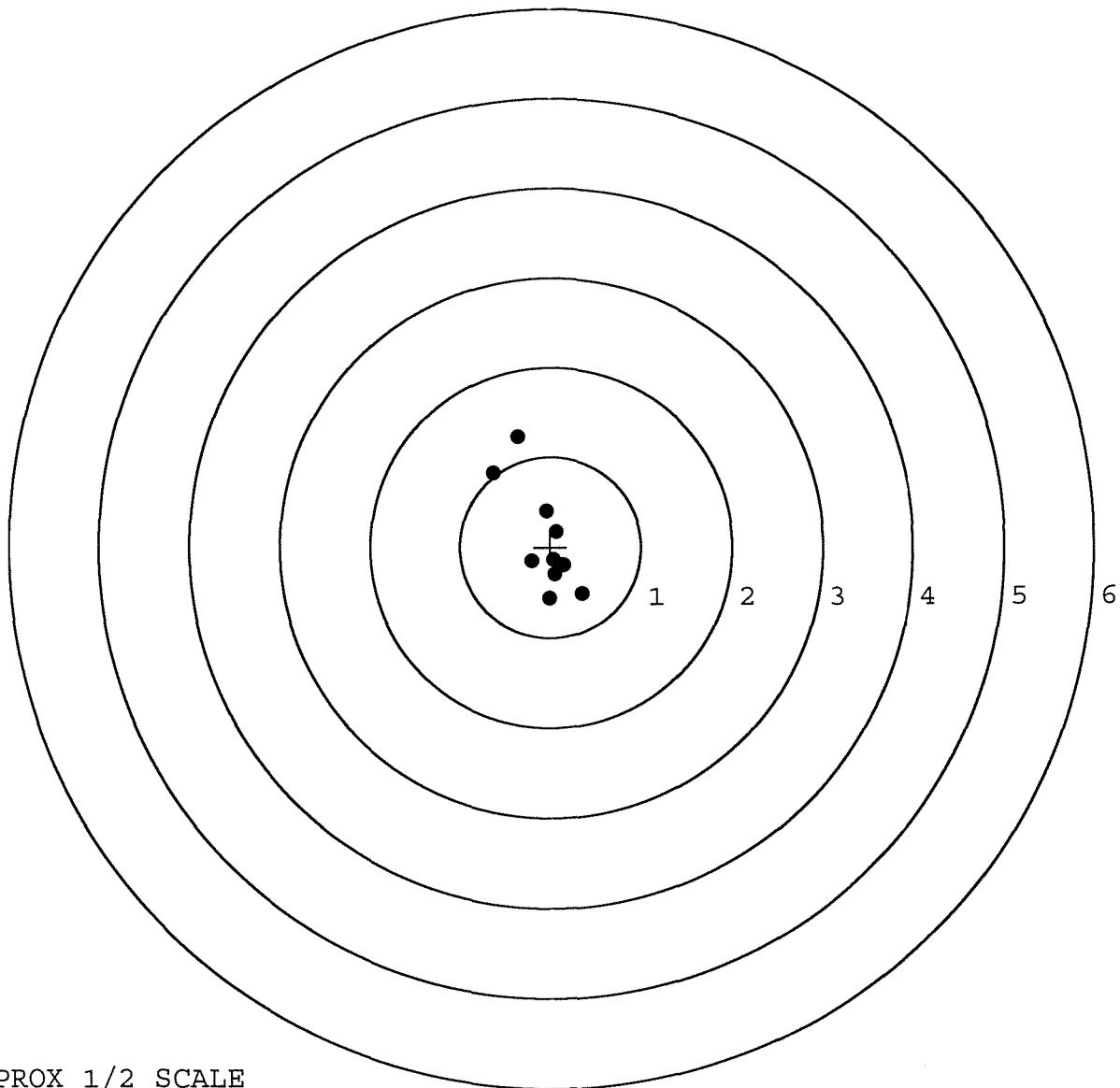
MEAN RADIUS: 0.523

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.357	1.223
2:	-0.631	0.826
3:	-0.049	0.396
4:	0.070	0.173
5:	0.349	-0.517
6:	0.153	-0.204
7:	-0.210	-0.157
8:	-0.019	-0.571
9:	0.047	-0.300
10:	0.038	-0.141



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591536. __0

TARGET NUMBER: 4

FILE DATE: 11/07/2006

FILE TIME: 06:08

X CENTROID: -0.026

Y CENTROID: 0.113

POA TO CENTROID: 0.117

HORZ SPREAD: 1.286

VERT SPREAD: 0.817

GROUP SPREAD: 1.324

MIN RADIUS: 0.269

MAX RADIUS: 0.814

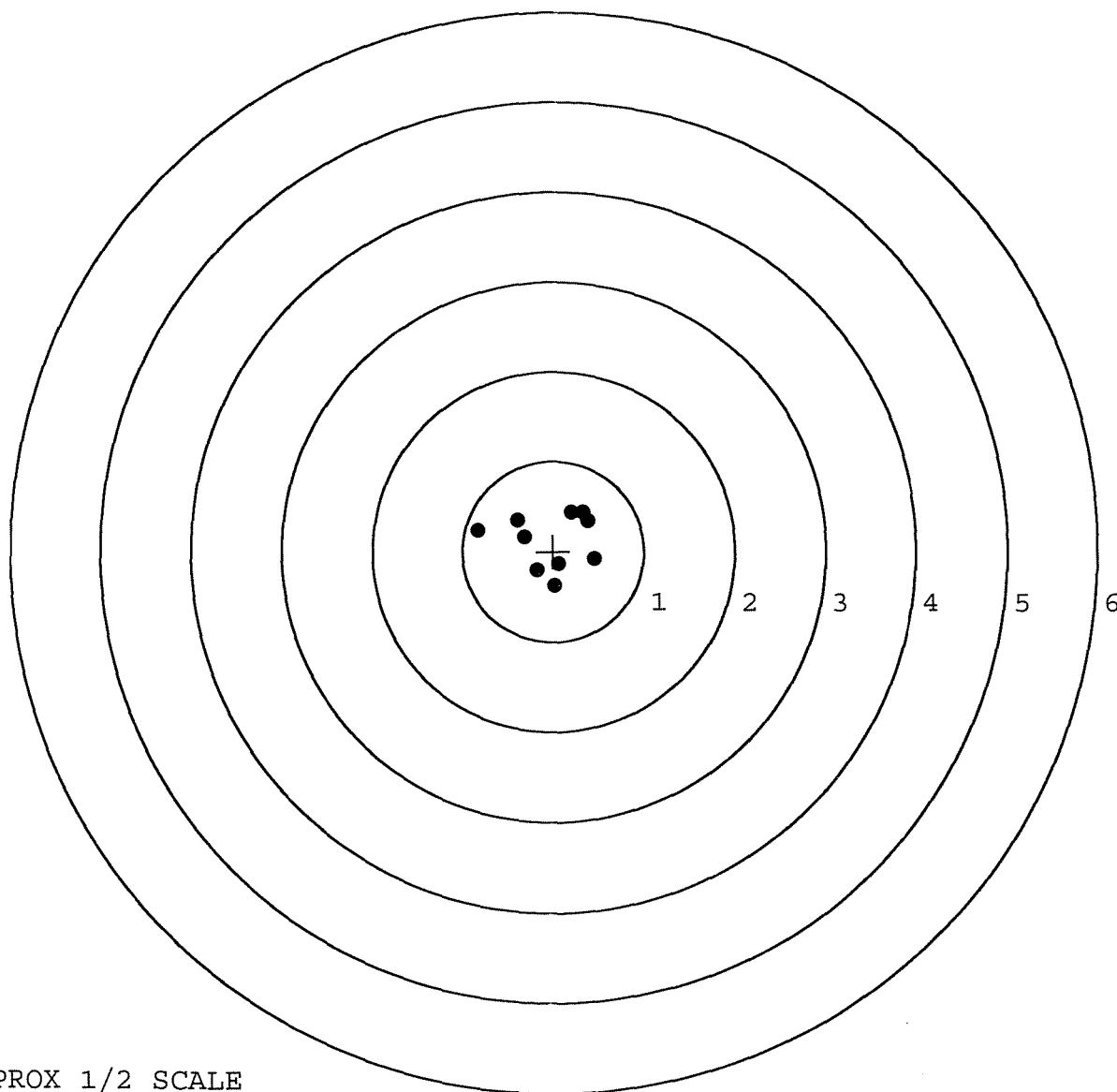
MEAN RADIUS: 0.453

IN 1 IN DIAMETER: 8

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.832	0.229
2:	-0.395	0.343
3:	-0.317	0.161
4:	0.205	0.437
5:	0.384	0.344
6:	0.454	-0.086
7:	0.021	-0.380
8:	-0.178	-0.207
9:	0.061	-0.141
10:	0.332	0.435

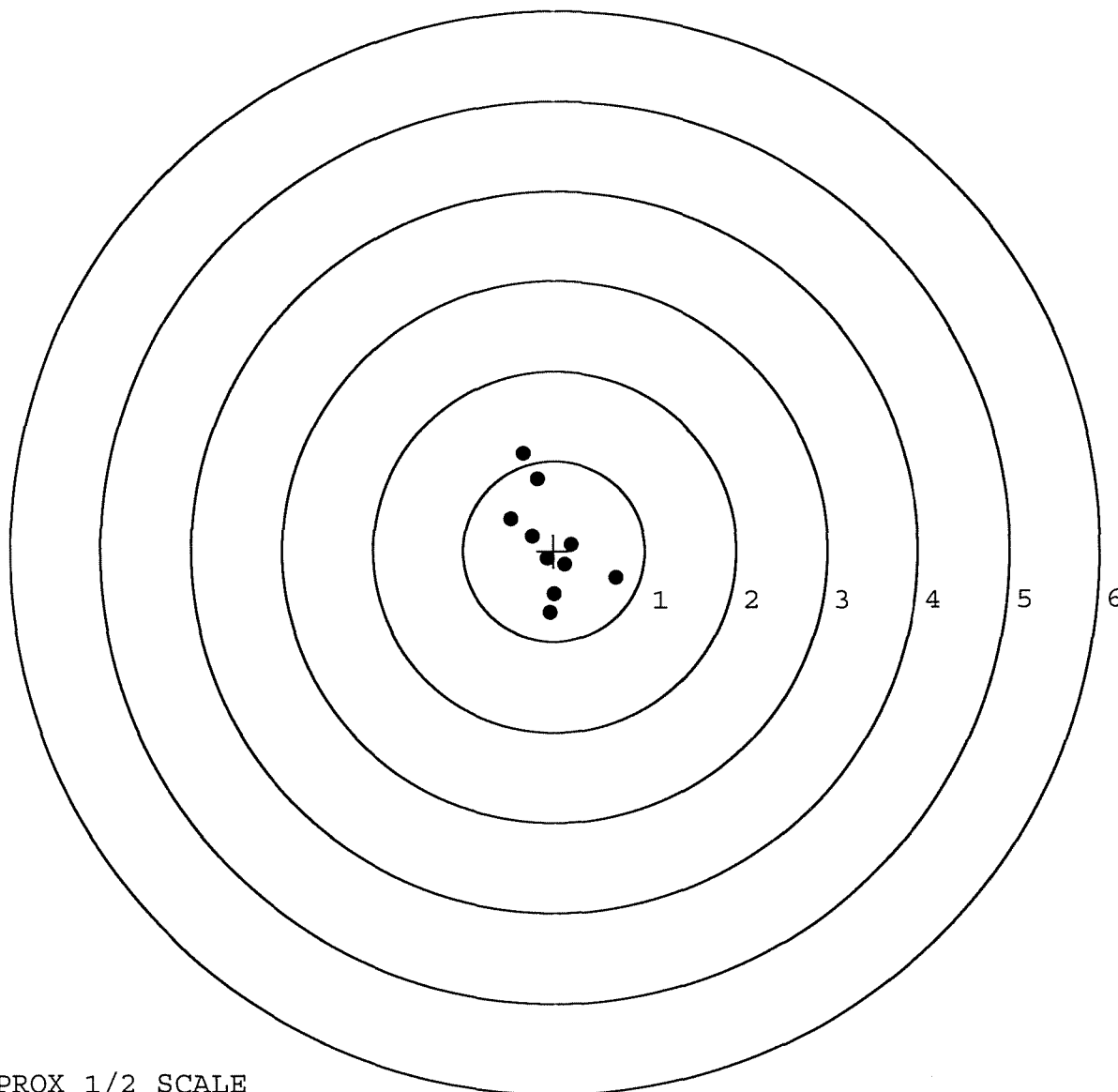


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591536. __0
 TARGET NUMBER: 5
 FILE DATE: 11/07/2006
 FILE TIME: 06:08

X CENTROID: -0.035
 Y CENTROID: 0.074
 POA TO CENTROID: 0.082
 HORZ SPREAD: 1.160
 VERT SPREAD: 1.771
 GROUP SPREAD: 1.794
 MIN RADIUS: 0.169
 MAX RADIUS: 1.050
 MEAN RADIUS: 0.535
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.685	-0.306
2:	-0.183	0.799
3:	-0.335	1.081
4:	-0.475	0.355
5:	-0.235	0.164
6:	0.195	0.069
7:	-0.075	-0.090
8:	-0.050	-0.690
9:	-0.004	-0.483
10:	0.124	-0.157



TARGET APPROX 1/2 SCALE