

G652 1428

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

- INSTRUCTION BOOK 3518

DD FORM

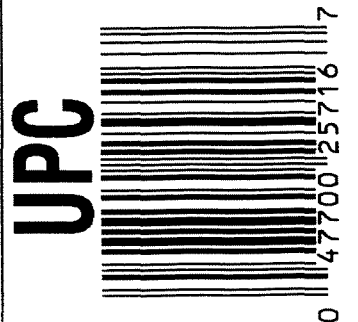


ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6521428



ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
UPC



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



SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G652 1428

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420 & 430	ASSEMBLE ACTION ASSEMBLE TO STOCK		1-11-06	RTZ
440	PROOF		1-11-06	AC
460	CHECK HEADSPACE		1-11-06	AC
470	DIS-ASSEMBLE ACTION		1-12-06	RTZ
480 & 490	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	MAGNAFLUX INSPECTED JAN 11 2006 480 OPERATOR <i>unnd</i>	1/13/06	<i>unnd</i>
500	ROLLMARK CALIBER		1-13-06	CW
510	DRILL AND TAP SIGHT HOLES		1-12-06	TRW
520	GOFF BLAST BBL / REC		1-12-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		1/19/06	EB
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		1/18/06	MJJ
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		1/18/06	MJJ
	C) INSPECT EJECTOR HOLE FOR CHAMFER		1/18/06	MJJ
	D) OIL FIRING PIN ASSEMBLY		1-19-06	BG
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		1-20-06	AC

REV-8405

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>7.0</u> <u>6.5</u> <u>6.5</u>	1-27-06	DA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.0</u> <u>2.5</u> <u>2.5</u>	1-27-06	DA
	H) TRIGGER PULL TEST AND RETAINABILITY		2/15/06	MJD
	I) FIRING PIN INDENT .020 MIN	<u>.020</u> <u>.020</u> <u>.020</u>	2/15/06	MJD
	J) ASSEMBLE STOCK		1-19-06	BG
	K) ASSEMBLE SWIVEL STUDS		2-15-06	A
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		2-15-06	A
	M) IRON SIGHT ALIGNMENT		2-15-06	A
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		2-15-06	A
640 & 650	FUNCTION TEST AND TARGET	PASS FAIL PASS FAIL	1-19-06	MJD
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		1-29-06	MJD
670	FINAL INSPECTION A) HEADSPACE		2/15/06	MJD
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.88</u> <u>2.88</u> <u>2.88</u> <u>2.36</u> <u>2.12</u>	1-20-06	A
	C) FUNCTION		2/15/06	MJD
690	PACK		2/15/06	MJD

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 1-18-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.57	2.58		2.59	
PULL #2	2.56	2.57		2.59	
PULL #3	2.56	2.53		2.59	
PULL #4	2.50	2.51		2.58	
PULL #5	2.48	2.49		2.56	
TOTAL	12.67	12.68		12.91	
AVERAGE	2.53	2.53		2.58	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.03	2.87		
PULL #2	3.01	3.01		
PULL #3	2.98	3.16		
PULL #4	3.05	3.14		
PULL #5	3.04	3.07		
TOTAL	15.11	15.25		
AVERAGE	3.02	3.05		

	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	4.11	3.94		4.14
PULL #2	4.18	4.14		4.09
PULL #3	4.02	4.14		4.10
PULL #4	4.01	4.11		4.07
PULL #5	4.05	4.14		3.95
TOTAL	20.37	20.47		20.35
AVERAGE	4.07	4.09		4.07

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

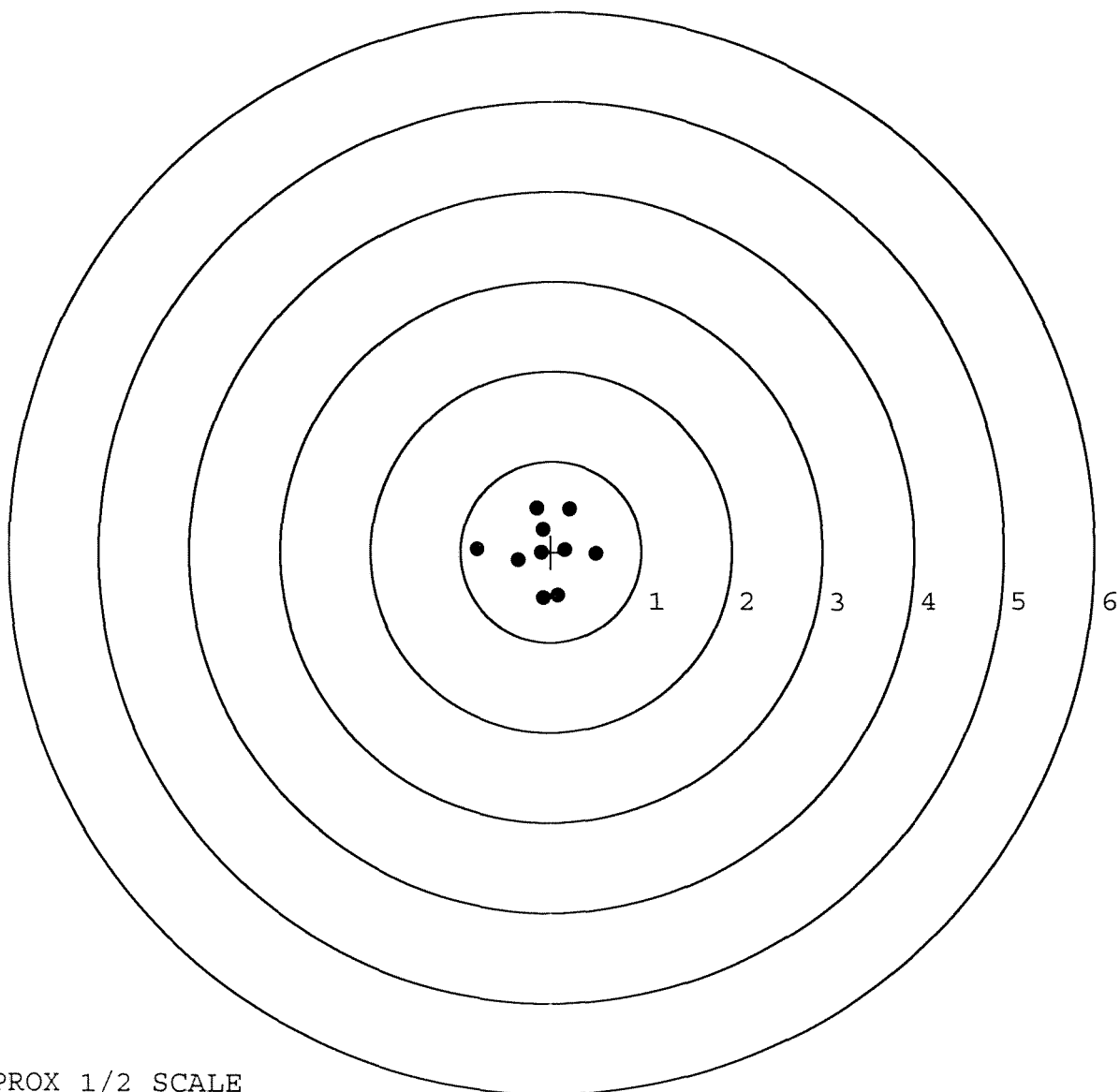
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FILE DATE AND TIME: 01/19/2006 23:02

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.054
The Average Y Centroid of the Five Target Set:	-0.024
The Average Point of Impact of the Five Target Set:	0.060
The Average Mean Radius of the Five Target Set:	0.587
The Distance from POA to Centroid Target #1:	0.071
The Distance from Centroid Target #2 to Centroid Target #1:	0.270
The Distance from Centroid Target #3 to Centroid Target #1:	0.118
The Distance from Centroid Target #4 to Centroid Target #1:	0.105
The Distance from Centroid Target #5 to Centroid Target #1:	0.130

SERIAL NUMBER: G6521428. 0
TARGET NUMBER: 1
FILE DATE: 01/19/2006
FILE TIME: 23:02

	POINT#	X	Y
	1:	-0.816	0.029
	2:	-0.360	-0.087
	3:	-0.090	-0.513
	4:	0.077	-0.483
	5:	0.494	-0.026
	6:	0.160	0.026
	7:	0.203	0.467
	8:	-0.162	0.482
	9:	-0.089	0.252
	10:	-0.111	-0.012
X CENTROID:		-0.069	
Y CENTROID:		0.014	
POA TO CENTROID:		0.071	
HORZ SPREAD:		1.310	
VERT SPREAD:		0.995	
GROUP SPREAD:		1.311	
MIN RADIUS:		0.049	
MAX RADIUS:		0.747	
MEAN RADIUS:		0.419	
# IN 1 IN DIAMETER:		5	
# IN 2 IN DIAMETER:		10	
# in 3 IN DIAMETER:		10	

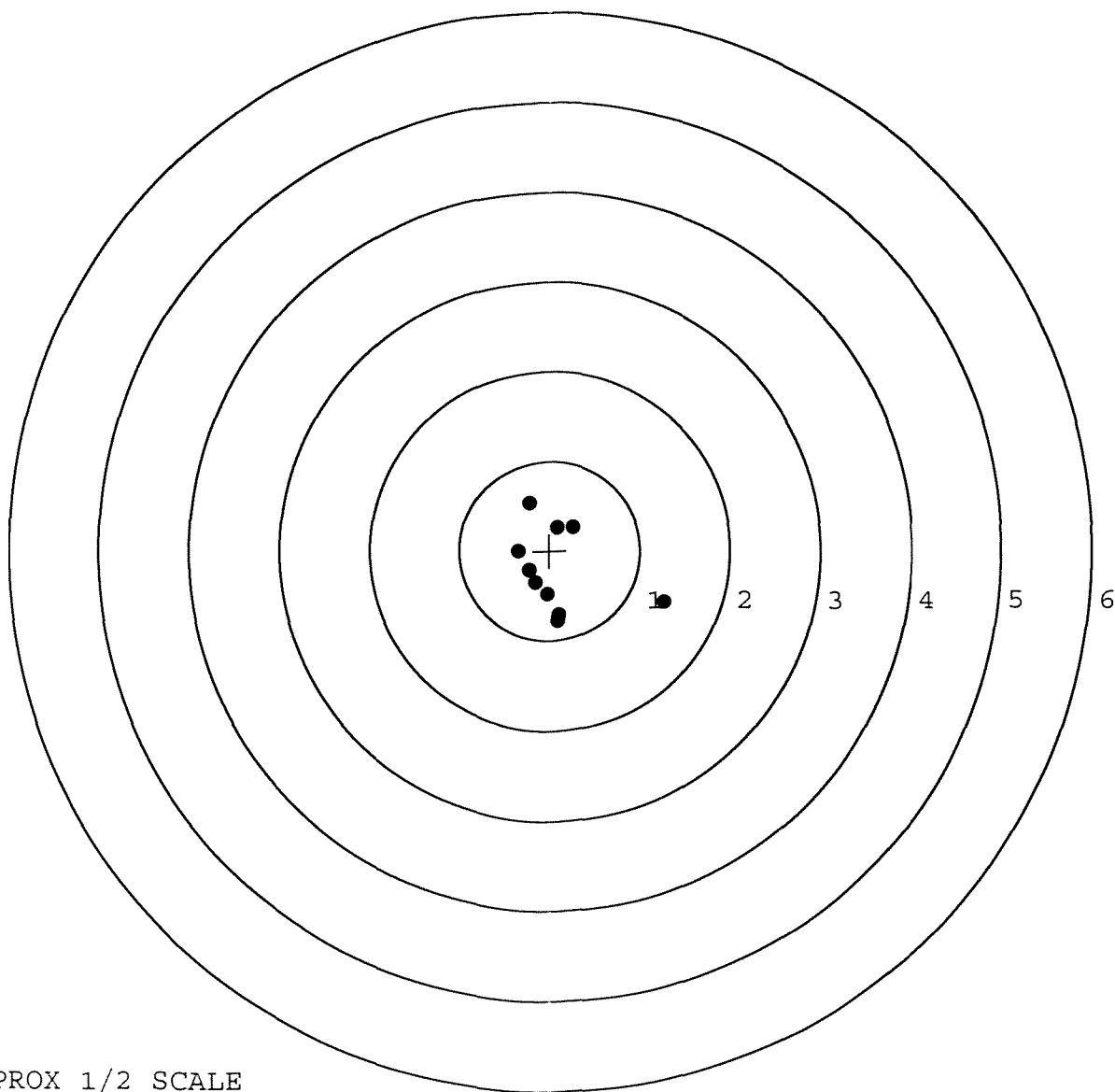


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521428. __0
TARGET NUMBER: 2
FILE DATE: 01/19/2006
FILE TIME: 23:02

X CENTROID: 0.080
Y CENTROID: -0.211
POA TO CENTROID: 0.226
HORZ SPREAD: 1.615
VERT SPREAD: 1.333
GROUP SPREAD: 1.865
MIN RADIUS: 0.286
MAX RADIUS: 1.238
MEAN RADIUS: 0.549
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.230	0.540
2:	0.089	0.254
3:	0.262	0.254
4:	-0.352	0.004
5:	-0.231	-0.219
6:	-0.166	-0.356
7:	-0.028	-0.492
8:	0.102	-0.726
9:	0.093	-0.793
10:	1.263	-0.577



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521428. __0

TARGET NUMBER: 3

FILE DATE: 01/19/2006

FILE TIME: 23:02

X CENTROID: 0.043

Y CENTROID: -0.020

POA TO CENTROID: 0.048

HORZ SPREAD: 2.067

VERT SPREAD: 2.054

GROUP SPREAD: 2.538

MIN RADIUS: 0.292

MAX RADIUS: 1.629

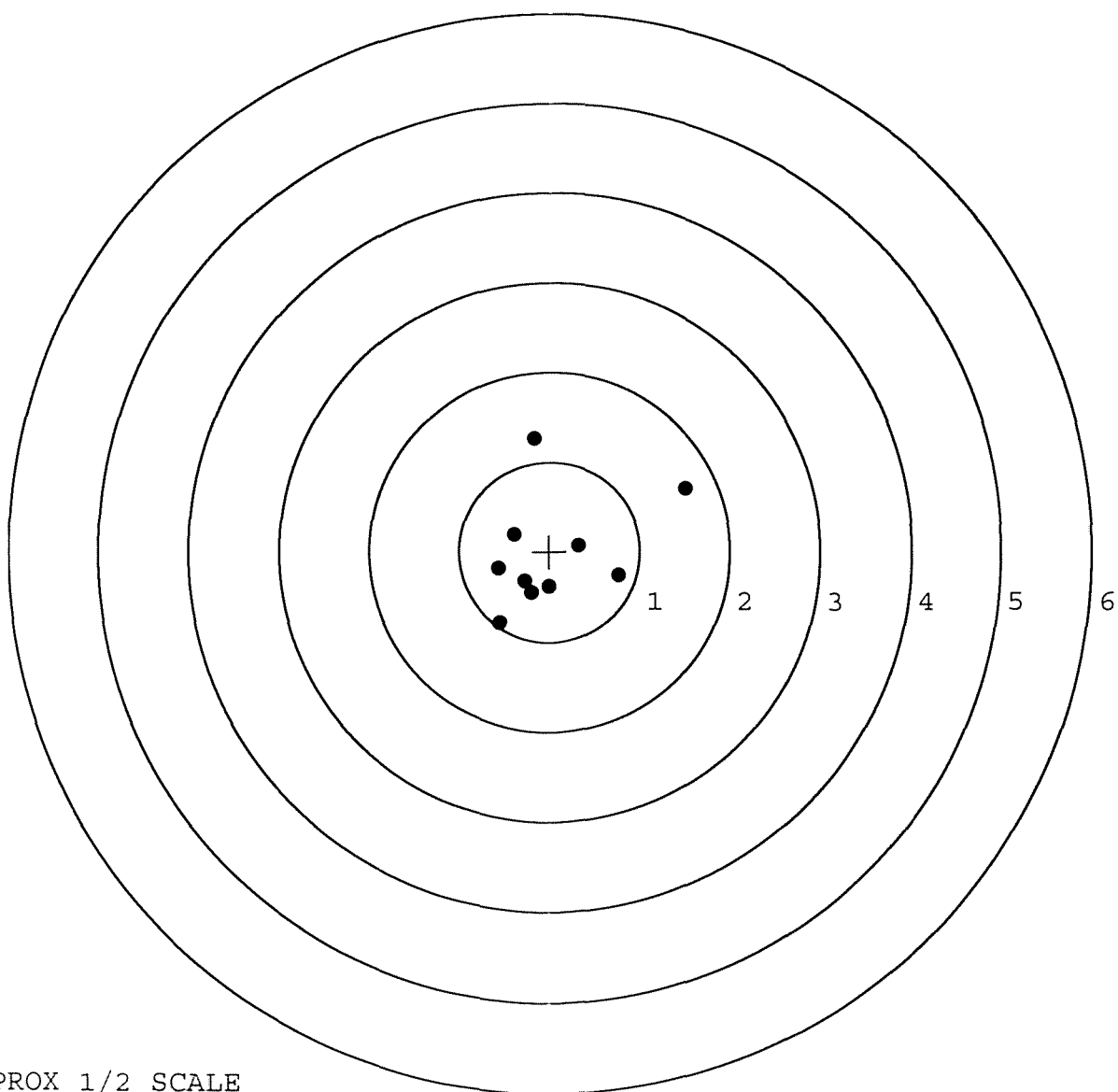
MEAN RADIUS: 0.739

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.388	0.192
2:	-0.563	-0.188
3:	-0.275	-0.329
4:	-0.202	-0.459
5:	-0.010	-0.388
6:	0.323	0.063
7:	0.766	-0.270
8:	-0.551	-0.790
9:	-0.172	1.264
10:	1.504	0.700



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521428. 0

TARGET NUMBER: 4

FILE DATE: 01/19/2006

FILE TIME: 23:02

X CENTROID: -0.171

Y CENTROID: -0.013

POA TO CENTROID: 0.171

HORZ SPREAD: 1.256

VERT SPREAD: 1.646

GROUP SPREAD: 1.661

MIN RADIUS: 0.137

MAX RADIUS: 1.011

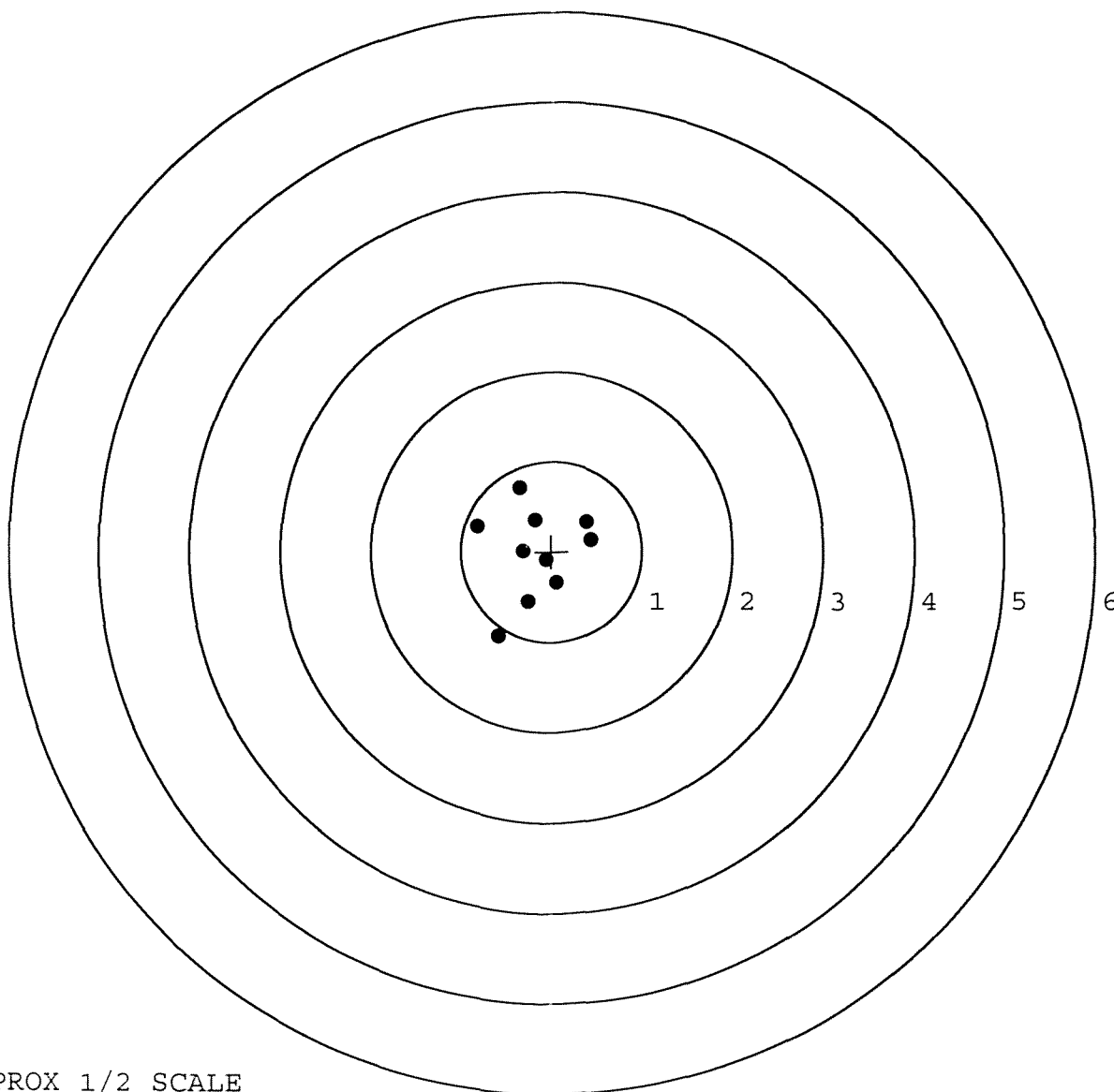
MEAN RADIUS: 0.535

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.380	0.329
2:	0.439	0.131
3:	0.059	-0.351
4:	-0.266	-0.554
5:	-0.582	-0.936
6:	-0.314	0.010
7:	-0.190	0.353
8:	-0.357	0.710
9:	-0.817	0.277
10:	-0.062	-0.095

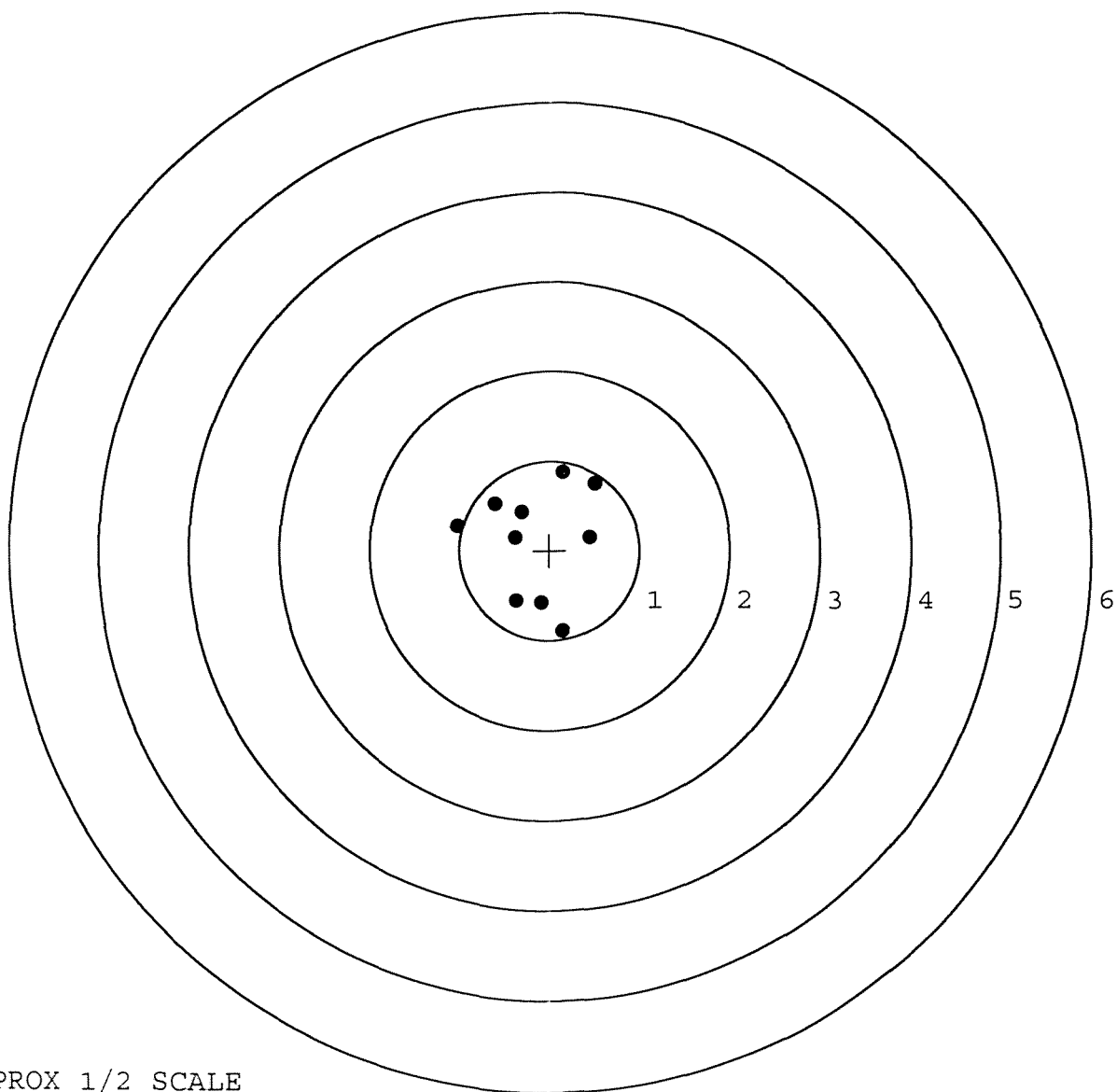


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521428. __0
TARGET NUMBER: 5
FILE DATE: 01/19/2006
FILE TIME: 23:02

X CENTROID: -0.155
Y CENTROID: 0.111
POA TO CENTROID: 0.191
HORZ SPREAD: 1.528
VERT SPREAD: 1.780
GROUP SPREAD: 1.780
MIN RADIUS: 0.229
MAX RADIUS: 1.061
MEAN RADIUS: 0.691
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.149	0.875
2:	0.502	0.750
3:	0.448	0.152
4:	-0.315	0.434
5:	-0.381	0.151
6:	-0.610	0.527
7:	-1.026	0.279
8:	-0.378	-0.561
9:	-0.094	-0.592
10:	0.151	-0.905



TARGET APPROX 1/2 SCALE