

G 652 1449

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

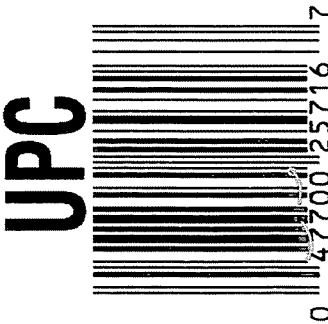
- INSTRUCTION BOOK 3518

DD FORM



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6521449



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



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



SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G652 1449

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420 & 430	ASSEMBLE ACTION ASSEMBLE TO STOCK		1-12-06	RTZ
440	PROOF		1-12-06	Ac
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	1-12-06	Ac
470	DIS-ASSEMBLE ACTION	JAN 13 2006	1-13-06	RTZ
480 & 490	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	480 OPERATOR mms	1/18/06	mms
500	ROLLMARK CALIBER		1-18-06	CW
510	DRILL AND TAP SIGHT HOLES		1-16-06	TRW
520	GOFF BLAST BBL / REC		1-18-06	DG
530 & 540	APPLY COATINGS (BARREL ACTION)		1/19	HP
	(BOLT)			
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		1/25/06	mqd
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		1/25/06	mqd
	C) INSPECT EJECTOR HOLE FOR CHAMFER		1/25/06	mqd
	D) OIL FIRING PIN ASSEMBLY		1-26-06	Ac
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		2-21-06	MDM

REV-8405

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.0</u> <u>5.5</u> <u>5.0</u>	1-29-06	RA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>2.0</u> <u>2.0</u>	1-29-06	RA
	H) TRIGGER PULL TEST AND RETAINABILITY		2-27-06	nom
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.022</u> <u>.021</u>	2-27-06	nom
	J) ASSEMBLE STOCK		1-27-06	BG
	K) ASSEMBLE SWIVEL STUDS		2-27-06	nom
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		1-27-06	BG
	M) IRON SIGHT ALIGNMENT		1-27-06	BG
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		1-27-06	BG
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL PASS FAIL	1-27-06	nom
	MALFUNCTION <i>won't go 25 to the left</i>	CORRECTION		
	MALFUNCTION	CORRECTION <i>N/A</i>		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		1-27-06	9M/D
670	FINAL INSPECTION A) HEADSPACE		1/27/06	9M/D
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.77</u> <u>2.66</u> <u>2.61</u> <u>2.68</u> <u>2.68</u>	1-29-06	RA
	C) FUNCTION		2-27-06	nom
690	PACK		3-30-06	RA

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 1-20-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.63	2.58		2.57	
PULL #2	2.50	2.49		2.51	
PULL #3	2.57	2.41		2.54	
PULL #4	2.51	2.41		2.54	
PULL #5	2.64	2.54		2.47	
TOTAL	12.85	12.43		12.63	
AVERAGE	2.57	2.48		2.52	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.19	2.94		
PULL #2	3.12	2.88		
PULL #3	3.04	2.88		
PULL #4	3.04	2.95		
PULL #5	3.23	2.92		
TOTAL	15.62	14.57		
AVERAGE	3.12	2.91		

	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	4.21	4.02		4.10
PULL #2	4.00	3.82		4.01
PULL #3	4.25	4.03		4.14
PULL #4	3.96	4.03		4.07
PULL #5	4.11	4.03		4.07
TOTAL	20.53	19.93		20.39
AVERAGE	4.10	3.98		4.07

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6521449.___0
FILE DATE AND TIME: 01/27/2006 22:47

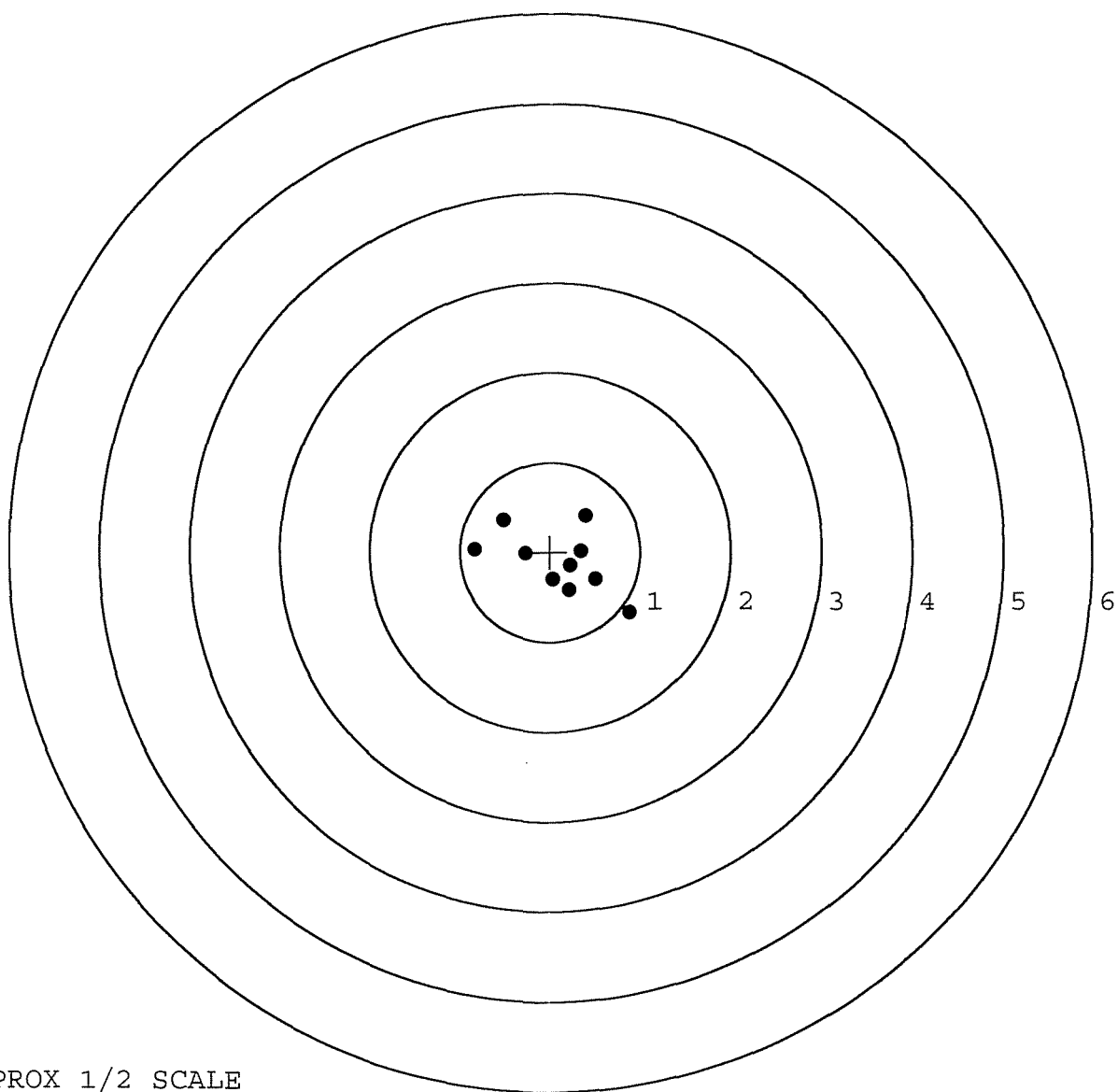
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.014
The Average Y Centroid of the Five Target Set:	0.020
The Average Point of Impact of the Five Target Set:	0.024
The Average Mean Radius of the Five Target Set:	0.627
The Distance from POA to Centroid Target #1:	0.146
The Distance from Centroid Target #2 to Centroid Target #1:	0.303
The Distance from Centroid Target #3 to Centroid Target #1:	0.109
The Distance from Centroid Target #4 to Centroid Target #1:	0.313
The Distance from Centroid Target #5 to Centroid Target #1:	0.258

SERIAL NUMBER: G6521449. __ 0
TARGET NUMBER: 1
FILE DATE: 01/27/2006
FILE TIME: 22:47

X CENTROID: 0.095
Y CENTROID: -0.111
POA TO CENTROID: 0.146
HORZ SPREAD: 1.719
VERT SPREAD: 1.081
GROUP SPREAD: 1.861
MIN RADIUS: 0.139
MAX RADIUS: 0.973
MEAN RADIUS: 0.508
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.393	0.402
2:	0.342	0.009
3:	-0.279	-0.019
4:	-0.521	0.355
5:	-0.834	0.033
6:	0.885	-0.679
7:	0.501	-0.311
8:	0.213	-0.431
9:	0.027	-0.308
10:	0.226	-0.158

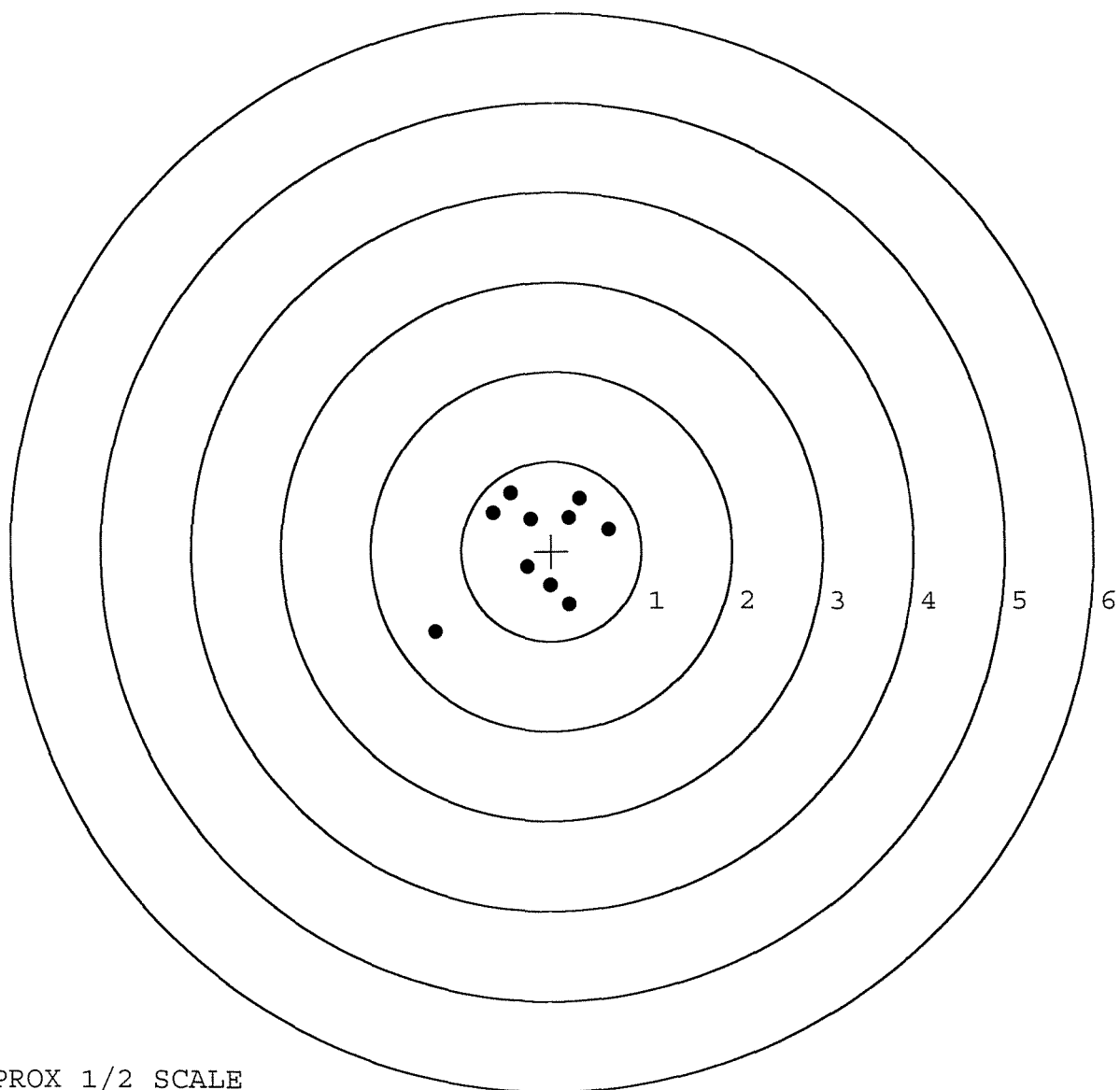


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521449. __0
TARGET NUMBER: 2
FILE DATE: 01/27/2006
FILE TIME: 22:47

POINT#	X	Y
1:	0.639	0.242
2:	0.307	0.584
3:	-0.240	0.360
4:	-0.454	0.641
5:	-0.649	0.422
6:	-0.267	-0.176
7:	-0.015	-0.381
8:	0.204	-0.594
9:	-1.286	-0.906
10:	0.189	0.369

X CENTROID: -0.157
Y CENTROID: 0.056
POA TO CENTROID: 0.167
HORZ SPREAD: 1.925
VERT SPREAD: 1.547
GROUP SPREAD: 2.241
MIN RADIUS: 0.257
MAX RADIUS: 1.483
MEAN RADIUS: 0.651
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

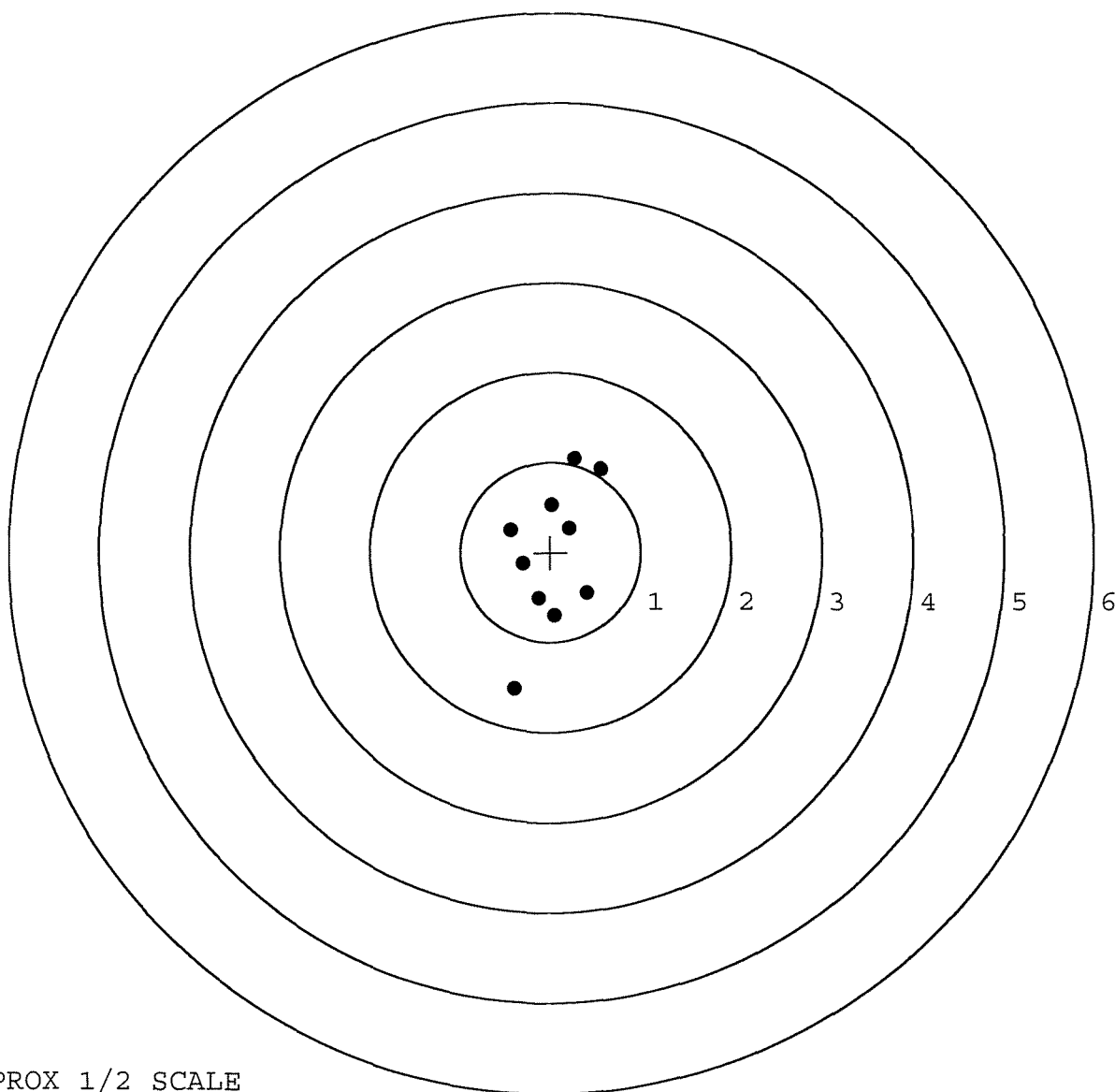


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521449. __0
TARGET NUMBER: 3
FILE DATE: 01/27/2006
FILE TIME: 22:47

POINT#	X	Y
1:	0.203	0.272
2:	0.013	0.527
3:	0.557	0.926
4:	0.262	1.036
5:	-0.446	0.251
6:	-0.311	-0.132
7:	-0.137	-0.519
8:	0.050	-0.712
9:	0.401	-0.459
10:	-0.400	-1.522

X CENTROID: 0.019
Y CENTROID: -0.033
POA TO CENTROID: 0.038
HORZ SPREAD: 1.003
VERT SPREAD: 2.558
GROUP SPREAD: 2.642
MIN RADIUS: 0.345
MAX RADIUS: 1.547
MEAN RADIUS: 0.731
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

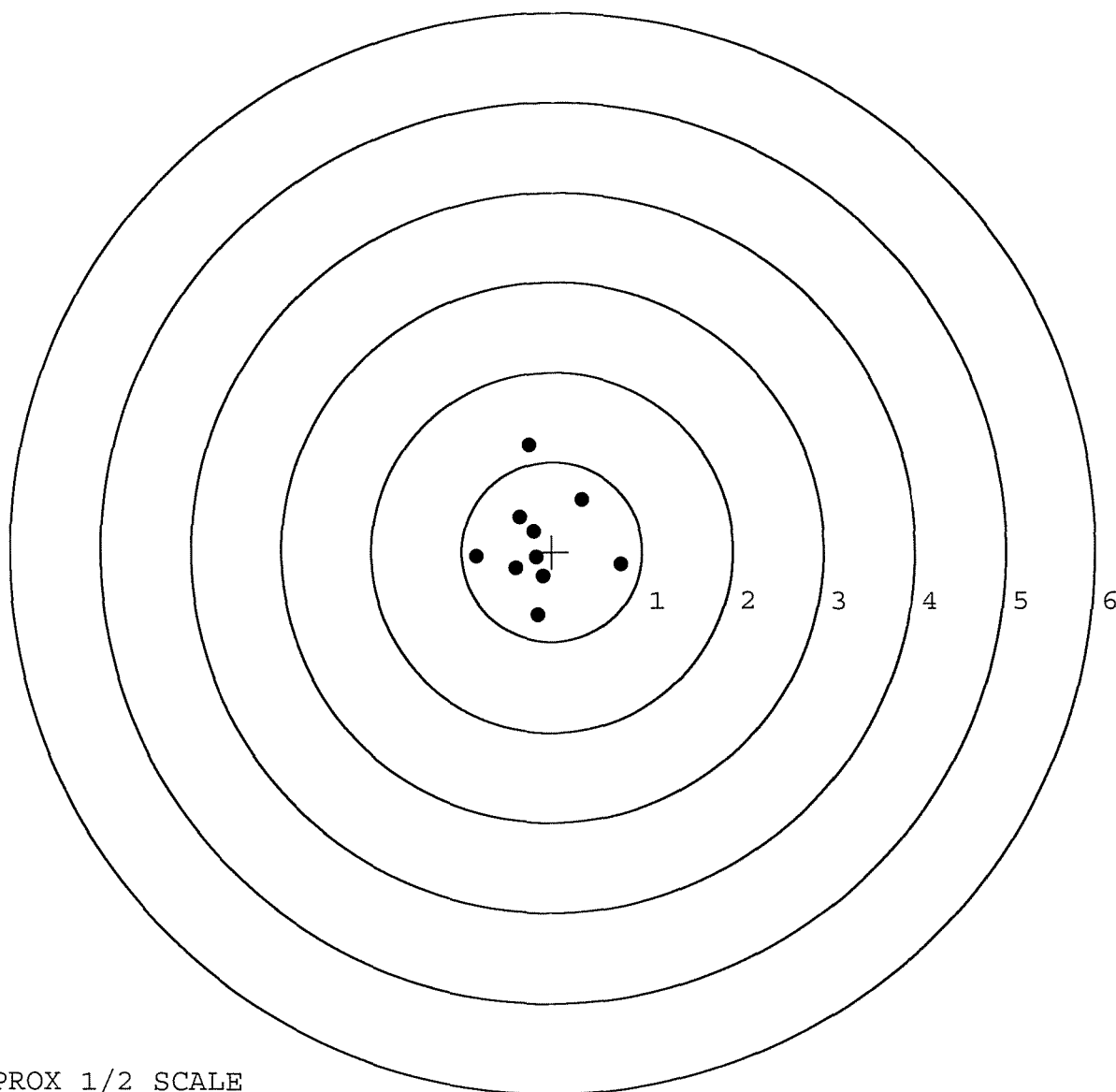


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521449. __0
TARGET NUMBER: 4
FILE DATE: 01/27/2006
FILE TIME: 22:47

POINT#	X	Y
1:	0.330	0.578
2:	-0.263	1.190
3:	-0.364	0.386
4:	-0.205	0.229
5:	-0.178	-0.064
6:	-0.404	-0.187
7:	-0.835	-0.055
8:	-0.157	-0.710
9:	0.765	-0.142
10:	-0.101	-0.275

X CENTROID: -0.141
Y CENTROID: 0.095
POA TO CENTROID: 0.170
HORZ SPREAD: 1.600
VERT SPREAD: 1.900
GROUP SPREAD: 1.903
MIN RADIUS: 0.148
MAX RADIUS: 1.102
MEAN RADIUS: 0.566
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

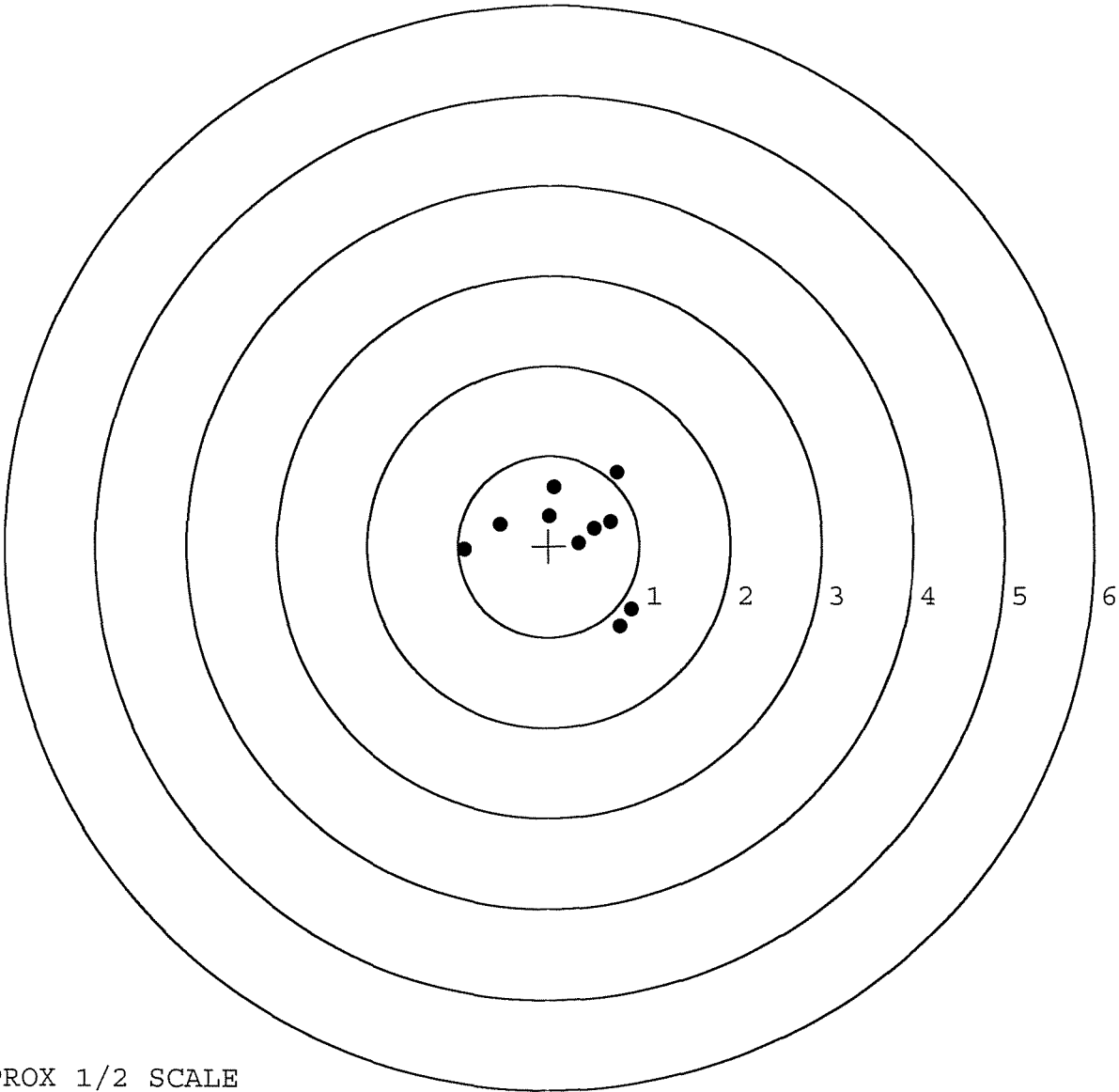


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521449. __0
TARGET NUMBER: 5
FILE DATE: 01/27/2006
FILE TIME: 22:47

POINT#	X	Y
1:	0.333	0.031
2:	0.505	0.197
3:	0.675	0.268
4:	0.752	0.818
5:	0.059	0.649
6:	-0.002	0.333
7:	-0.538	0.242
8:	-0.928	-0.044
9:	0.909	-0.696
10:	0.791	-0.884

X CENTROID: 0.256
Y CENTROID: 0.091
POA TO CENTROID: 0.271
HORZ SPREAD: 1.837
VERT SPREAD: 1.702
GROUP SPREAD: 1.949
MIN RADIUS: 0.098
MAX RADIUS: 1.191
MEAN RADIUS: 0.678
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE