

G6577321

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

- INSTRUCTION BOOK 3518

DD FORM

proof of purchase



owner registration sticker



ORDER NO.

25716

BARREL LENGTH

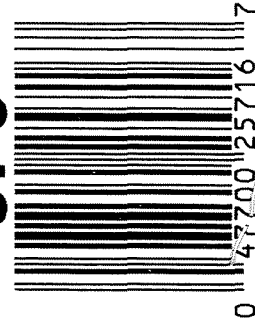
24"

CAPACITY

6

G6577321

UPC



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

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SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G-6577321

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		8-1-06	BLC
420	ASSEMBLE ACTION		8-1-06	BLC
430	ASSEMBLE TO STOCK		8-2-06	BLC
440	PROOF	MAGNA-FLUX	8-2-06	BLC
460	CHECK HEADSPACE	INSPECTED	8-2-06	BLC
470	DIS-ASSEMBLE ACTION	AUG 17 2006	8-2-06	BLC
480	MAGNAFLUX BBL ACTION	OPERATOR <i>mm</i>	8/17/06	<i>mm</i>
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		8-17-06	CW
510	DRILL AND TAP SIGHT HOLES		8-16-06	TRW
520	GOFF BLAST BBL / REC		8-17-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		8/23/06	<i>mm</i>
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		8-24-06	L.P.D.
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		8-24-06	L.P.D.
	C) INSPECT EJECTOR HOLE FOR CHAMFER		8-24-06	L.P.D.
	D) OIL FIRING PIN ASSEMBLY		8-24-06	L.P.D.
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		10/10/06	<i>mm</i>

F004 REV 5/2006

OP #	OPERATION	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.0</u> <u>6.0</u> <u>6.0</u>	8-27-06	DA
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>2.5</u> <u>2.5</u>	8-27-06	DA
	H) TRIGGER PULL TEST AND RETAINABILITY		10/10/06	nm
	I) FIRING PIN INDENT .020 MIN	<u>.025</u> <u>.024</u> <u>.025</u>	8-27-06	DA
	J) ASSEMBLE STOCK		8-24-06	L.P.D.
	K) ASSEMBLE SWIVEL STUDS		10/10/06	nm
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		8-24-06	L.P.D.
	M) IRON SIGHT ALIGNMENT		8-24-06	L.P.D.
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		8-24-06	L.P.D.
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	8-25-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		8/25/06	RP
670	FINAL INSPECTION A) HEADSPACE		10/10/06	nm
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.69</u> <u>2.89</u> <u>2.69</u> <u>2.88</u> <u>2.82</u>	8-27-06	DA
	C) FUNCTION		10/10/06	nm
690	PACK		10-26-06	DA

F004 REV 5/2006

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

BARBER - M24 M2409988494

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 8-24-06

TESTER Mjm

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.64	2.46		2.47	
PULL #2	2.54	2.65		2.44	
PULL #3	2.49	2.74		2.25	
PULL #4	2.68	2.63		2.28	
PULL #5	2.23	2.62		2.83	
TOTAL	12.58	13.16		12.27	
AVERAGE	2.52	2.62		2.45	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES			COMMENTS
PULL #1	3.06	3.19			
PULL #2	2.98	3.13			
PULL #3	3.02	3.23			
PULL #4	2.78	2.98			
PULL #5	3.06	2.92			
TOTAL	14.90	15.46			
AVERAGE	2.98	3.09			

	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	4.00	3.99		4.08
PULL #2	3.81	4.21		3.90
PULL #3	3.84	3.73		3.71
PULL #4	3.86	3.93		3.88
PULL #5	4.03	4.03		3.101
TOTAL	19.54	19.89		19.24
AVERAGE	3.91	3.98		3.85

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6577321.___0

FILE DATE AND TIME: 08/27/2006 19:44

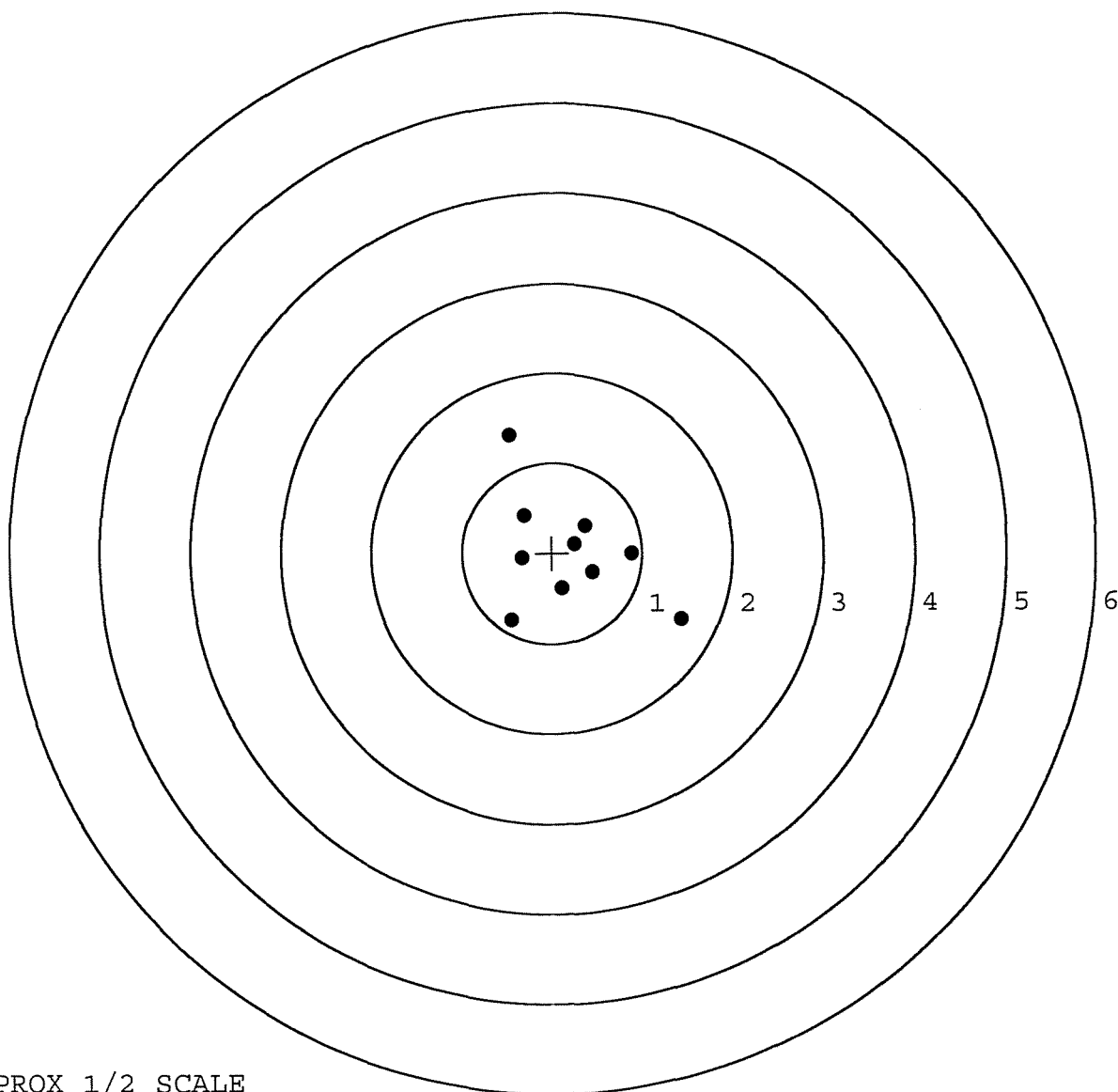
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.063
The Average Y Centroid of the Five Target Set:	0.005
The Average Point of Impact of the Five Target Set:	0.063
The Average Mean Radius of the Five Target Set:	0.678
The Distance from POA to Centroid Target #1:	0.191
The Distance from Centroid Target #2 to Centroid Target #1:	0.178
The Distance from Centroid Target #3 to Centroid Target #1:	0.083
The Distance from Centroid Target #4 to Centroid Target #1:	0.301
The Distance from Centroid Target #5 to Centroid Target #1:	0.161

SERIAL NUMBER: G6577321. __0
 TARGET NUMBER: 1
 FILE DATE: 08/27/2006
 FILE TIME: 19:44

X CENTROID: 0.191
 Y CENTROID: 0.000
 POA TO CENTROID: 0.191
 HORZ SPREAD: 1.904
 VERT SPREAD: 2.046
 GROUP SPREAD: 2.787
 MIN RADIUS: 0.119
 MAX RADIUS: 1.467
 MEAN RADIUS: 0.697
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.475	1.307
2:	1.429	-0.728
3:	-0.455	-0.739
4:	0.107	-0.393
5:	0.452	-0.212
6:	0.367	0.305
7:	0.250	0.103
8:	-0.334	-0.056
9:	-0.315	0.417
10:	0.880	-0.009

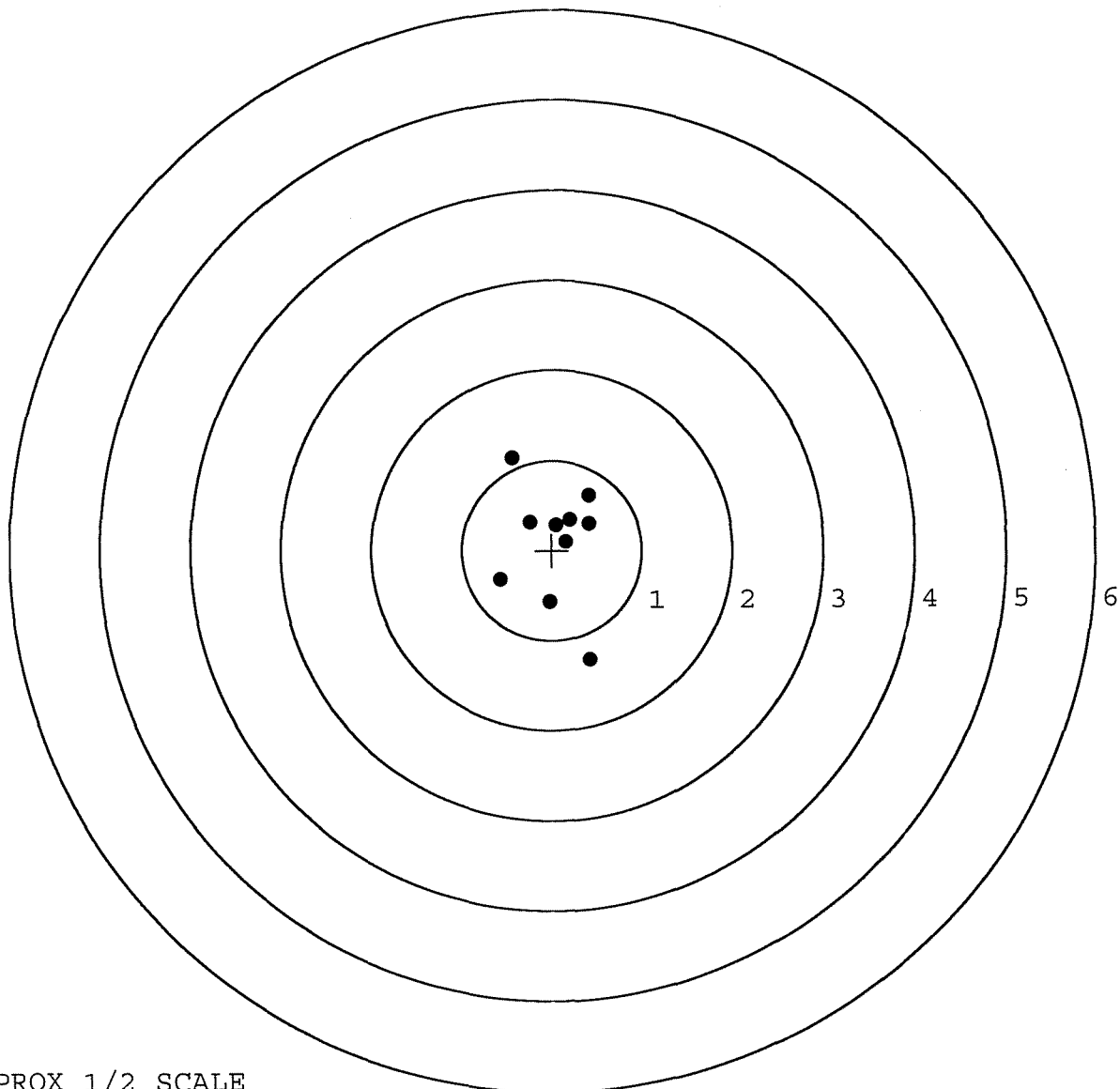


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577321. __0
 TARGET NUMBER: 2
 FILE DATE: 08/27/2006
 FILE TIME: 19:44

X CENTROID: 0.036
 Y CENTROID: 0.086
 POA TO CENTROID: 0.094
 HORZ SPREAD: 1.001
 VERT SPREAD: 2.248
 GROUP SPREAD: 2.408
 MIN RADIUS: 0.120
 MAX RADIUS: 1.361
 MEAN RADIUS: 0.589
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.441	1.029
2:	0.422	-1.219
3:	-0.029	-0.577
4:	-0.579	-0.322
5:	0.408	0.614
6:	-0.245	0.315
7:	0.155	0.097
8:	0.414	0.302
9:	0.201	0.341
10:	0.052	0.284



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577321. __0

TARGET NUMBER: 3

FILE DATE: 08/27/2006

FILE TIME: 19:44

X CENTROID: 0.112

Y CENTROID: -0.028

POA TO CENTROID: 0.116

HORZ SPREAD: 2.636

VERT SPREAD: 1.802

GROUP SPREAD: 3.017

MIN RADIUS: 0.292

MAX RADIUS: 1.962

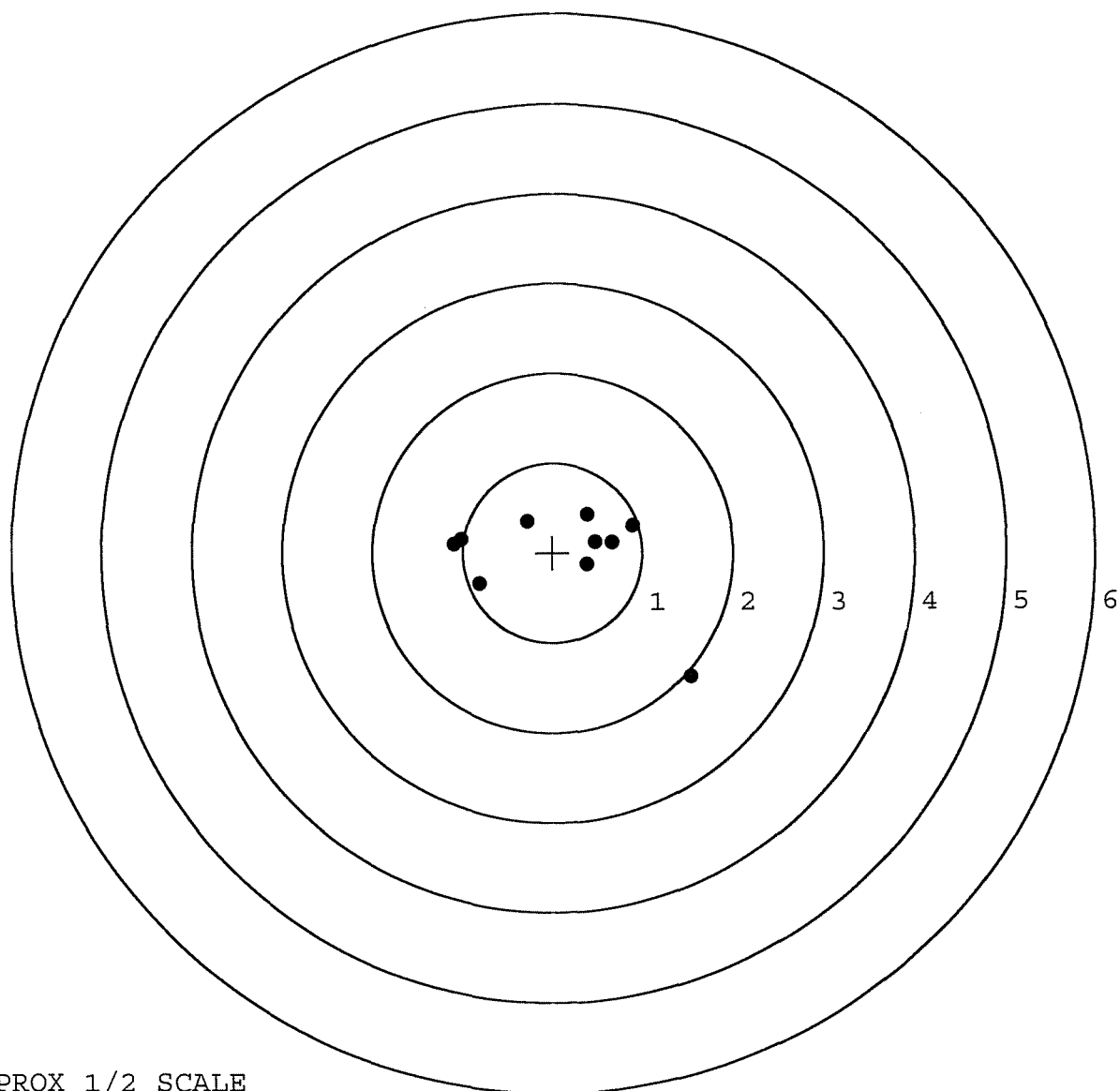
MEAN RADIUS: 0.848

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.540	-1.374
2:	-1.096	0.094
3:	-1.016	0.147
4:	-0.815	-0.341
5:	-0.290	0.350
6:	0.385	-0.133
7:	0.891	0.302
8:	0.663	0.119
9:	0.477	0.124
10:	0.382	0.428

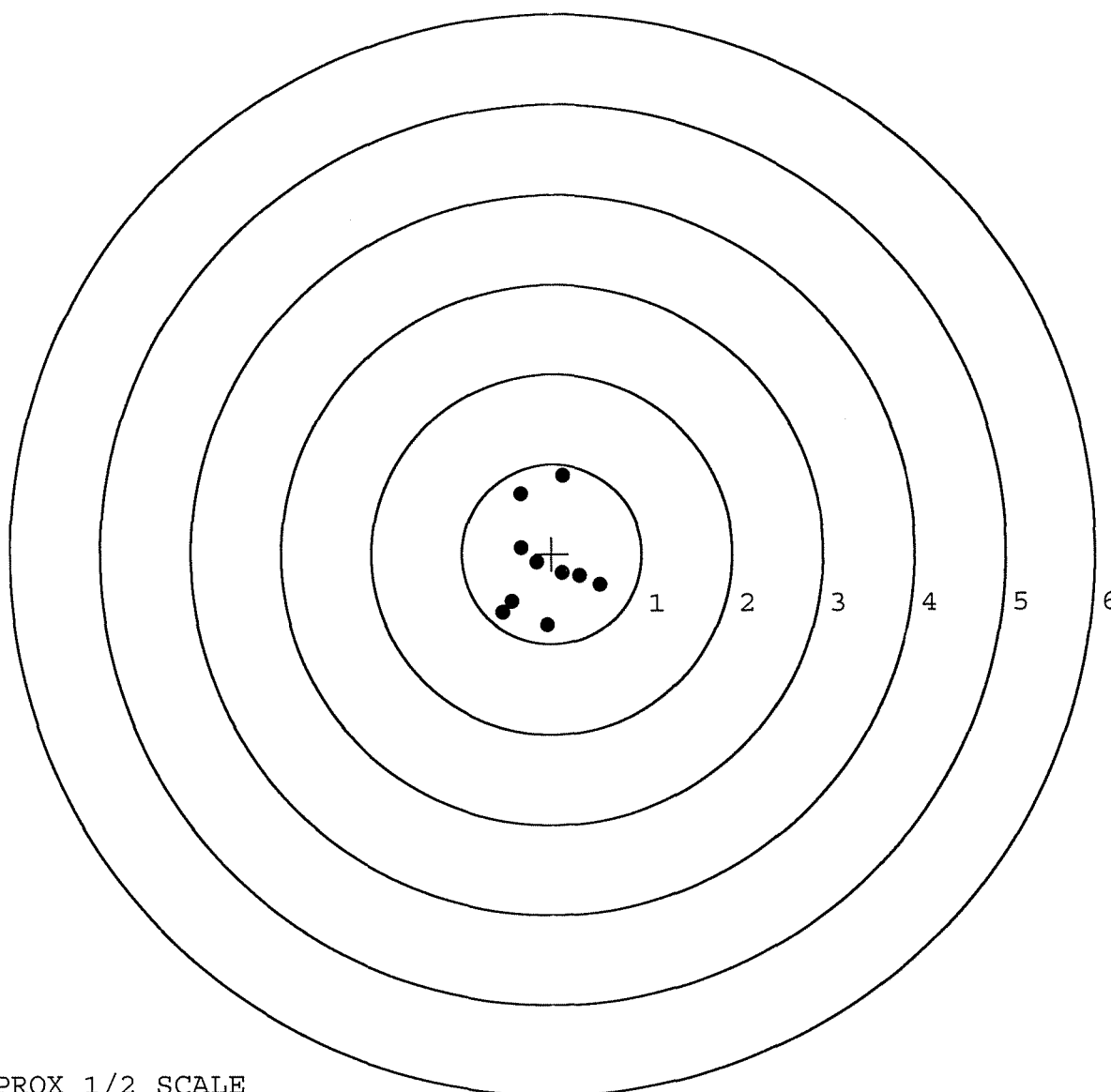


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577321. __0
 TARGET NUMBER: 4
 FILE DATE: 08/27/2006
 FILE TIME: 19:44

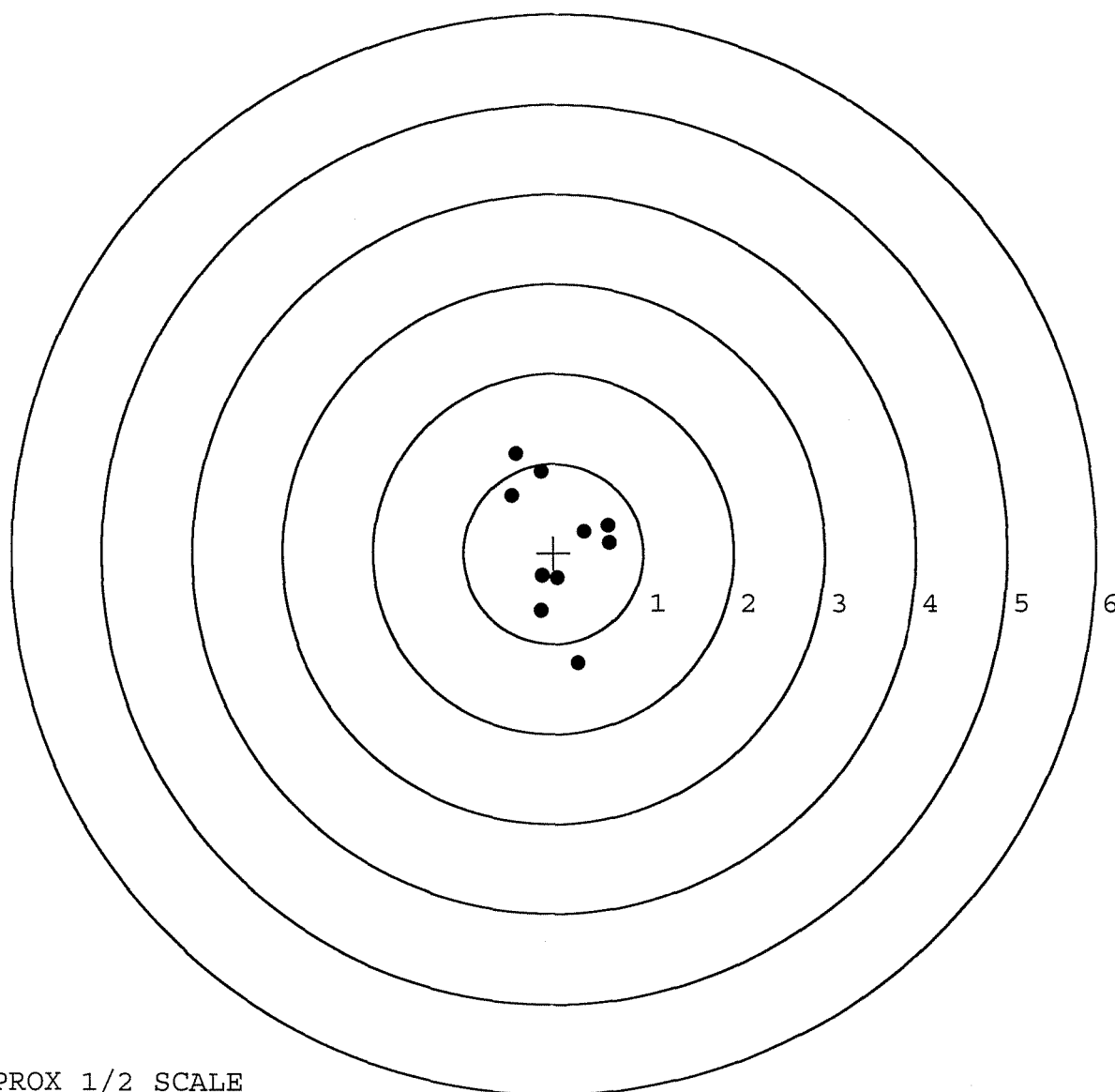
X CENTROID: -0.083
 Y CENTROID: -0.126
 POA TO CENTROID: 0.151
 HORZ SPREAD: 1.089
 VERT SPREAD: 1.662
 GROUP SPREAD: 1.672
 MIN RADIUS: 0.092
 MAX RADIUS: 1.015
 MEAN RADIUS: 0.547
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.552	-0.648
2:	-0.054	-0.794
3:	0.126	0.868
4:	-0.348	0.672
5:	0.537	-0.341
6:	0.116	-0.215
7:	-0.171	-0.099
8:	-0.343	0.073
9:	-0.448	-0.531
10:	0.309	-0.242



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577321. __0	POINT#	X	Y
TARGET NUMBER: 5	1:	0.284	-1.219
FILE DATE: 08/27/2006	2:	-0.430	1.110
FILE TIME: 19:44	3:	-0.142	0.908
	4:	-0.473	0.643
X CENTROID: 0.059	5:	0.609	0.307
Y CENTROID: 0.092	6:	0.621	0.116
POA TO CENTROID: 0.109	7:	0.343	0.242
HORZ SPREAD: 1.094	8:	-0.129	-0.254
VERT SPREAD: 2.329	9:	0.040	-0.286
GROUP SPREAD: 2.436	10:	-0.135	-0.645
MIN RADIUS: 0.321			
MAX RADIUS: 1.330			
MEAN RADIUS: 0.707			
# IN 1 IN DIAMETER: 3			
# IN 2 IN DIAMETER: 8			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE