

G 6590116

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



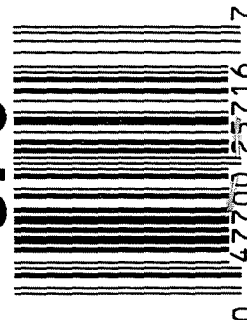
ORDER NO. **25716**

BARREL LENGTH 24"

CAPACITY 6

G6590116

UPC



ORDER 25716

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

UPC



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UPC



SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6590116

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		8-23-06	RTZ
420	ASSEMBLE ACTION		8-23-06	RTZ
430	ASSEMBLE TO STOCK			
440	PROOF		8-23-06	L.P.D.
460	CHECK HEADSPACE	INSPECTED	8-23-06	L.P.D.
470	DIS-ASSEMBLE ACTION	AUG 24 2006	8-24-06	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>umms</u>	8/24/06	<u>umms</u>
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		8-24-06	CW
510	DRILL AND TAP SIGHT HOLES		8-24-06	TRW
520	GOFF BLAST BBL / REC		8-25-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		8/29/06	FB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9-8-06	AC
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9-8-06	AC
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9-8-06	AC
	D) OIL FIRING PIN ASSEMBLY		9-9-06	L.P.D.
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		10/11/06	mw

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>5.5</u>	9/13/06	DA
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>3.0</u> <u>3.0</u> <u>3.0</u>	9/13/06	DA
	H) TRIGGER PULL TEST AND RETAINABILITY		10/11/06	mtm
	I) FIRING PIN INDENT .020 MIN	<u>1.023</u> <u>1.022</u> <u>1.023</u>	9/13/06	DA
	J) ASSEMBLE STOCK		9-9-06	L.P.D.
	K) ASSEMBLE SWIVEL STUDS		10/11/06	mtm
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		9-9-06	L.P.D.
	M) IRON SIGHT ALIGNMENT		9-9-06	L.P.D.
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		9-9-06	L.P.D.
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	9.11.06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		9.11.06	BD
670	FINAL INSPECTION A) HEADSPACE		10/11/06	mtm
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.69</u> <u>2.67</u> <u>2.70</u> <u>2.67</u> <u>2.50</u>	9-13-06	DA
	C) FUNCTION		10/11/06	mtm
690	PACK		11/2/06	DA

F004 REV 5/2006

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

BARBER - M24 0164890164929

AVERAGE BARBER M24 0164891
 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 9-5-06
 TESTER RP

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.41	2.69		2.49	
PULL #2	2.49	2.55		2.51	
PULL #3	2.58	2.61		2.50	
PULL #4	2.52	2.63		2.49	
PULL #5	2.56	2.54		2.49	
TOTAL	12.56	13.02		12.48	
AVERAGE	2.51	2.60		2.49	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.02	3.09		
PULL #2	3.04	3.02		
PULL #3	3.01	2.97		
PULL #4	3.02	2.98		
PULL #5	3.02	3.01		
TOTAL	15.11	15.07		
AVERAGE	3.02	3.01		

	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	4.02	4.08		399
PULL #2	397	4.13		399
PULL #3	4.04	4.05		397
PULL #4	4.08	4.03		396
PULL #5	4.04	4.02		4.00
TOTAL	20.15	20.31		19.91
AVERAGE	4.03	4.06		3.98

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590116.___0

FILE DATE AND TIME: 09/11/2006 23:46

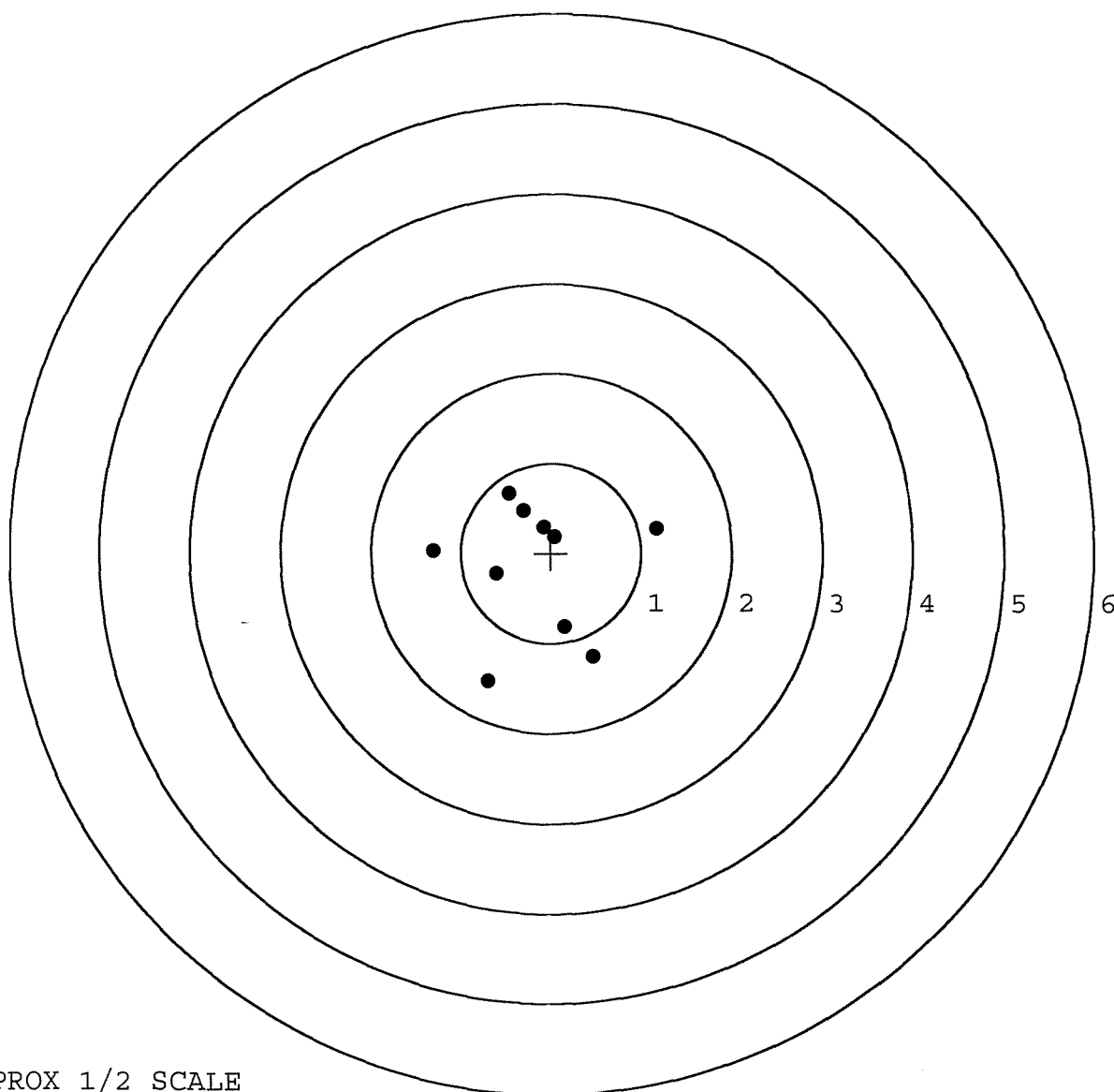
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.079
The Average Y Centroid of the Five Target Set:	-0.153
The Average Point of Impact of the Five Target Set:	0.172
The Average Mean Radius of the Five Target Set:	0.648
The Distance from POA to Centroid Target #1:	0.235
The Distance from Centroid Target #2 to Centroid Target #1:	0.269
The Distance from Centroid Target #3 to Centroid Target #1:	0.144
The Distance from Centroid Target #4 to Centroid Target #1:	0.023
The Distance from Centroid Target #5 to Centroid Target #1:	0.154

SERIAL NUMBER: G6590116. 0
 TARGET NUMBER: 1
 FILE DATE: 09/11/2006
 FILE TIME: 23:46

X CENTROID: -0.162
 Y CENTROID: -0.171
 POA TO CENTROID: 0.235
 HORZ SPREAD: 2.482
 VERT SPREAD: 2.086
 GROUP SPREAD: 2.518
 MIN RADIUS: 0.410
 MAX RADIUS: 1.407
 MEAN RADIUS: 0.872
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.309	0.031
2:	-0.610	-0.232
3:	-0.690	-1.420
4:	0.156	-0.825
5:	0.476	-1.153
6:	1.173	0.274
7:	0.045	0.183
8:	-0.081	0.293
9:	-0.311	0.477
10:	-0.471	0.666

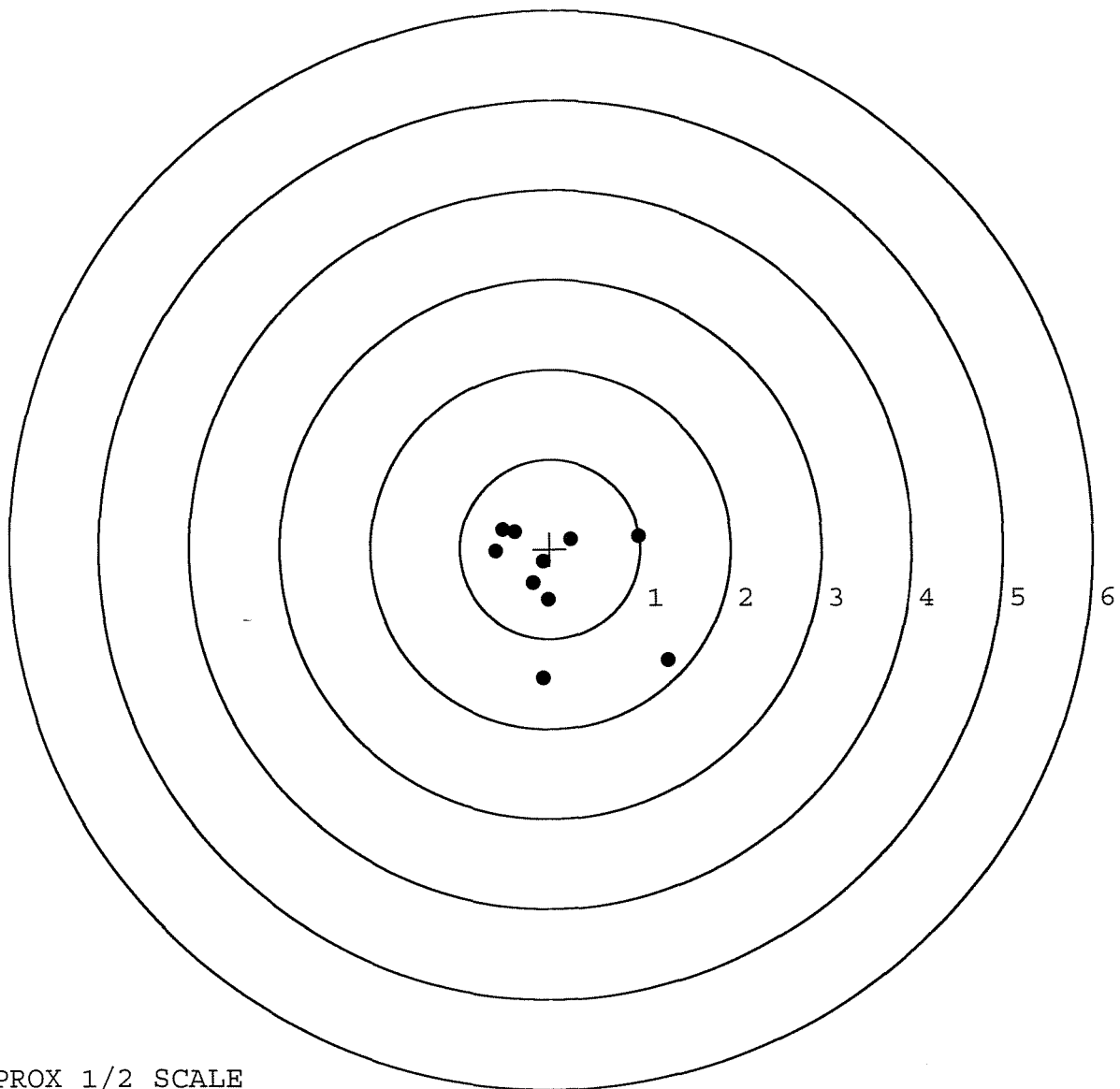


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590116. __0
 TARGET NUMBER: 2
 FILE DATE: 09/11/2006
 FILE TIME: 23:46

X CENTROID: 0.065
 Y CENTROID: -0.314
 POA TO CENTROID: 0.320
 HORZ SPREAD: 1.910
 VERT SPREAD: 1.669
 GROUP SPREAD: 2.349
 MIN RADIUS: 0.220
 MAX RADIUS: 1.555
 MEAN RADIUS: 0.715
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.986	0.146
2:	1.308	-1.248
3:	-0.074	-1.443
4:	0.237	0.110
5:	-0.022	-0.571
6:	-0.193	-0.383
7:	-0.074	-0.143
8:	-0.391	0.194
9:	-0.521	0.226
10:	-0.602	-0.025



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590116. 0

TARGET NUMBER: 3

FILE DATE: 09/11/2006

FILE TIME: 23:46

X CENTROID: -0.122

Y CENTROID: -0.033

POA TO CENTROID: 0.126

HORZ SPREAD: 1.924

VERT SPREAD: 1.539

GROUP SPREAD: 1.973

MIN RADIUS: 0.307

MAX RADIUS: 1.132

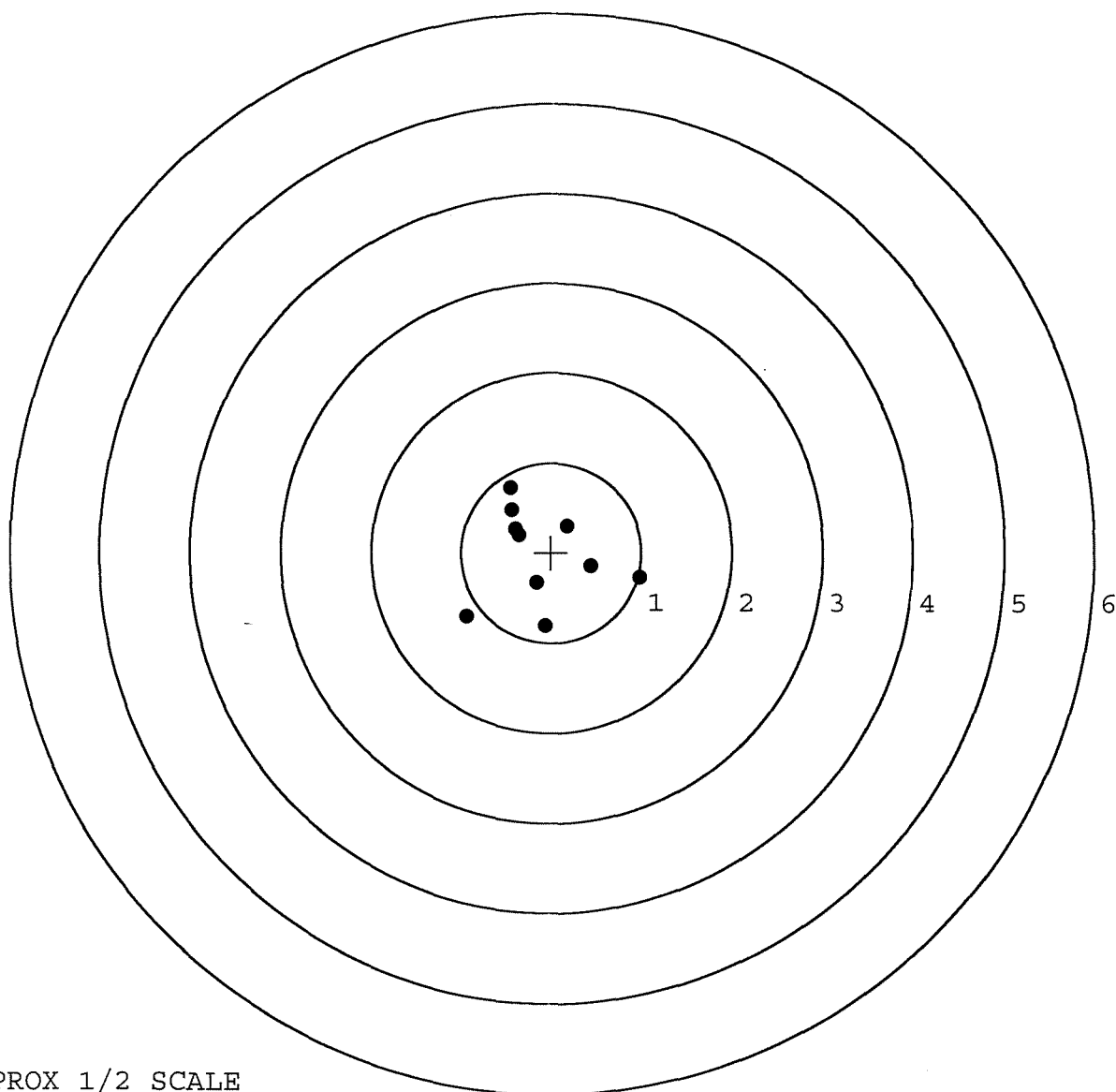
MEAN RADIUS: 0.648

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.984	-0.274
2:	0.440	-0.151
3:	-0.164	-0.337
4:	-0.063	-0.817
5:	0.184	0.299
6:	-0.940	-0.712
7:	-0.360	0.199
8:	-0.396	0.266
9:	-0.446	0.480
10:	-0.458	0.722



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590116. __0

TARGET NUMBER: 4

FILE DATE: 09/11/2006

FILE TIME: 23:46

X CENTROID: -0.139

Y CENTROID: -0.168

POA TO CENTROID: 0.218

HORZ SPREAD: 1.182

VERT SPREAD: 1.304

GROUP SPREAD: 1.314

MIN RADIUS: 0.124

MAX RADIUS: 0.751

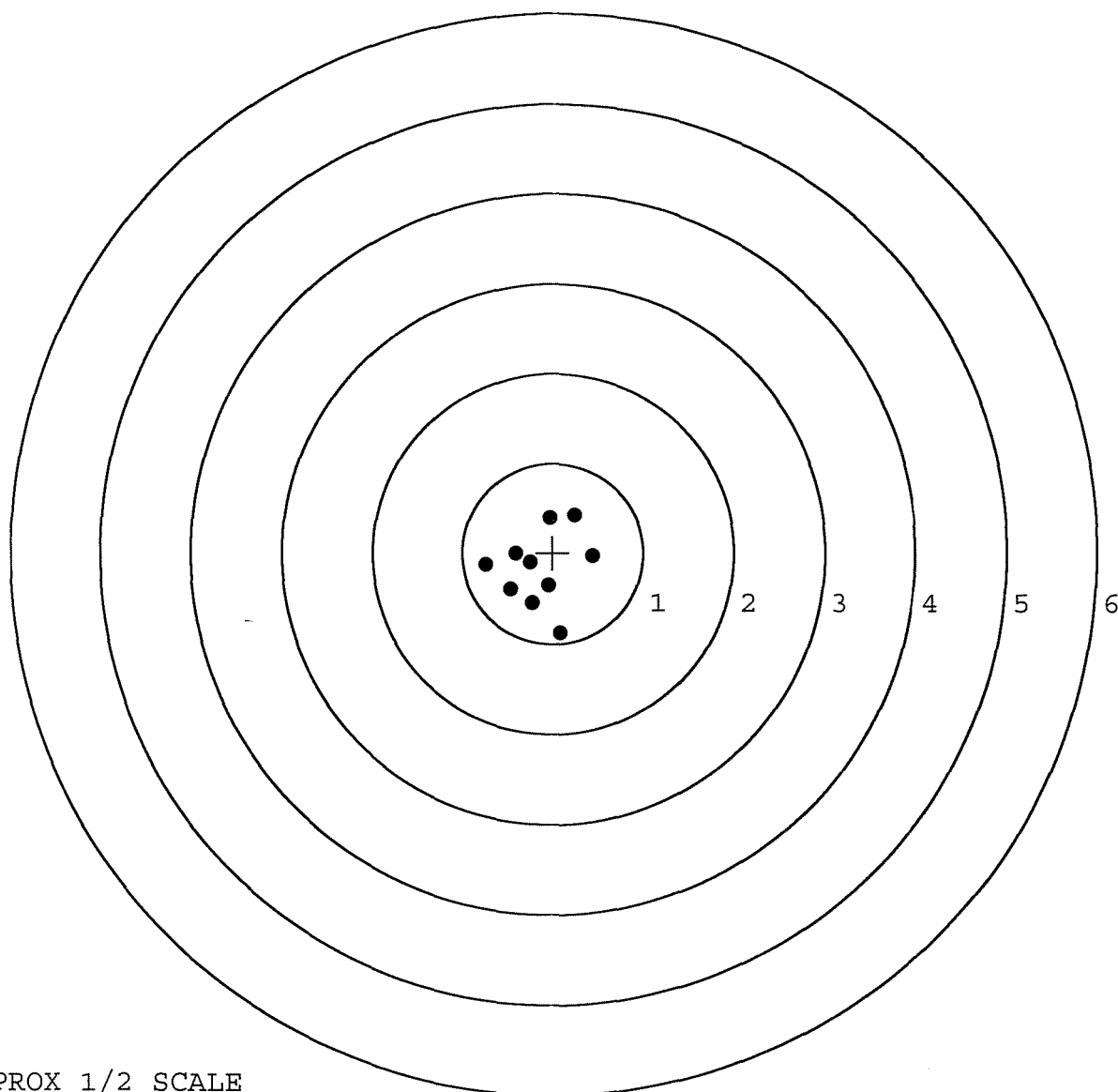
MEAN RADIUS: 0.467

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.037	0.389
2:	0.246	0.420
3:	0.442	-0.034
4:	0.087	-0.884
5:	-0.224	-0.557
6:	-0.045	-0.362
7:	-0.247	-0.108
8:	-0.410	-0.011
9:	-0.740	-0.134
10:	-0.462	-0.402

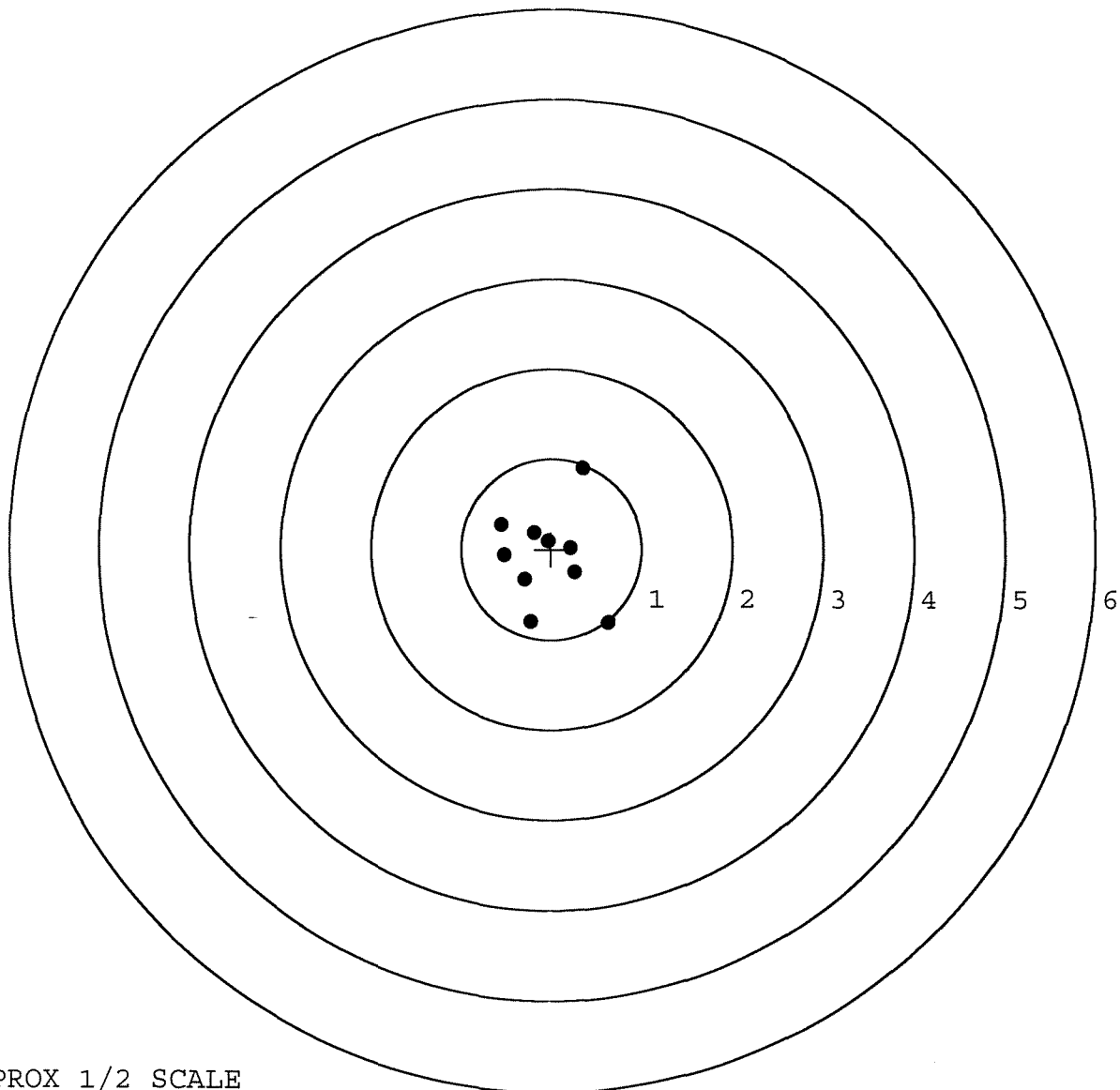


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590116. __0
 TARGET NUMBER: 5
 FILE DATE: 09/11/2006
 FILE TIME: 23:46

POINT#	X	Y
1:	0.349	0.894
2:	0.638	-0.811
3:	-0.226	-0.803
4:	0.261	-0.256
5:	0.219	0.019
6:	-0.040	0.091
7:	-0.192	0.181
8:	-0.554	0.275
9:	-0.522	-0.065
10:	-0.299	-0.335

X CENTROID: -0.037
 Y CENTROID: -0.081
 POA TO CENTROID: 0.089
 HORZ SPREAD: 1.192
 VERT SPREAD: 1.705
 GROUP SPREAD: 1.792
 MIN RADIUS: 0.172
 MAX RADIUS: 1.048
 MEAN RADIUS: 0.536
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE