

G-6410278

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

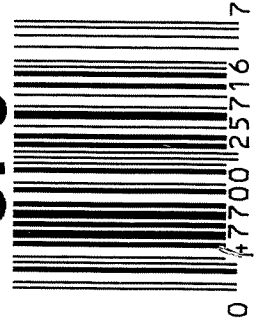
24"

CAPACITY

6

G6410278

UPC



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M/24 7.62 NATO S.W.S. (COMPLETE SYSTE

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SERIAL NO.



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SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6410278

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		1-24-05	RTZ
600	PROOF		1-25-05	RTZ
607	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	1-25-05	RTZ
610	DIS-ASSEMBLE GUN		1-26-05	RTZ
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	JAN 26 2005 OPERATOR		
615	ROLLMARK CALIBER		1-27-05	CW
617	DRILL AND TAP SIGHT HOLES		1-26-05	TRW
620	APPLY COATINGS (BARREL ACTION)		1/31/05	HP
	(BOLT)			
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		3-16-05	RTZ
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		3-16-05	RTZ
	C) INSPECT EJECTOR HOLE FOR CHAMFER		3-16-05	RTZ
	D) OIL FIRING PIN ASSEMBLY		3-16-05	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS	3-30-05	TRW

OP # OPERATION NAME		READINGS			DATE	INITIAL		
625	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>7 lbs</u>	<u>7 lbs</u>	<u>7 lbs</u>	3-31-05	AC		
CONT.								
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2 lbs</u>	<u>2 lbs</u>	<u>2 lbs</u>	3-31-05	AC		
	H) TRIGGER PULL TEST AND RETAINABILITY				X	X		
	I) FIRING PIN INDENT .020 MIN	<u>.025</u>	<u>.025</u>	<u>.025</u>	3-31-05	AC		
	J) ASSEMBLE STOCK				3-28-05	RTL		
	K) ASSEMBLE SWIVEL STUDS				3-31-05	AC		
	L) ATTACH FRONT AND REAR SIGHT ASSY'S				X	X		
	M) IRON SIGHT ALIGNMENT				X	X		
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER				X	X		
640	GALLERY TEST AND TARGET	PASS		FAIL	3-29-05	TRLW		
	MALFUNCTION <i>weak ejector</i>	CORRECTION	<i>OK</i>		3-30-05	AC		
	MALFUNCTION <i>Bolt release sticks</i>	CORRECTION	<i>OK</i>		3-30-05	AC		
	MALFUNCTION	CORRECTION	<i>N/A</i>					
	MALFUNCTION	CORRECTION	<i>N/A</i>					
645	INSPECT FOR LIVE AMMO				3-29-05	AC		
655	FINAL INSPECTION A) HEADSPACE				3-31-05	AC		
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.53</u>	<u>2.63</u>	<u>2.64</u>	<u>2.76</u>	<u>2.75</u>	3-30-05	TRLW
	C) FUNCTION				3-31-05	AC		
660	PACK				3-31-05	DA		

BARBER M24 0149608
 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)

SERIAL NO. 56410278
 DATE 3-8-05
 TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.07	2.64		2.75	
PULL #2	2.70	2.53		2.36	
PULL #3	2.49	2.63		2.38	
PULL #4	2.62	2.70		2.39	
PULL #5	2.75	2.68		2.41	
TOTAL	12.63	13.18		12.29	
AVERAGE	2.52	2.63		2.45	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.20		
PULL #2	3.13	3.24		
PULL #3	3.02	3.21		
PULL #4	3.12	3.25		
PULL #5	3.19	3.25		
TOTAL	15.73	16.15		
AVERAGE	3.14	3.23		

	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	4.31	4.10		4.25
PULL #2	4.30	4.14		3.95
PULL #3	4.29	4.20		4.11
PULL #4	4.27	4.15		4.11
PULL #5	4.32	4.19		4.01
TOTAL	21.49	20.78		20.43
AVERAGE	4.29	4.15		4.08

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6410278.___1

FILE DATE AND TIME: 09/13/2005 09:32

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.047
The Average Y Centroid of the Five Target Set:	0.000
The Average Point of Impact of the Five Target Set:	0.047
The Average Mean Radius of the Five Target Set:	0.848
The Distance from POA to Centroid Target #1:	0.155
The Distance from Centroid Target #2 to Centroid Target #1:	0.422
The Distance from Centroid Target #3 to Centroid Target #1:	0.510
The Distance from Centroid Target #4 to Centroid Target #1:	0.184
The Distance from Centroid Target #5 to Centroid Target #1:	0.179

SERIAL NUMBER: G6410278. __1

TARGET NUMBER: 1

FILE DATE: 09/13/2005

FILE TIME: 09:32

POINT#	X	Y
1:	-0.569	0.570
2:	0.088	0.697
3:	0.502	0.346
4:	0.931	-0.302
5:	-0.936	0.307
6:	-1.162	-0.139
7:	0.166	-0.341
8:	-0.027	-0.488
9:	-0.106	-0.664
10:	-0.133	-0.904

X CENTROID: -0.125

Y CENTROID: -0.092

POA TO CENTROID: 0.155

HORZ SPREAD: 2.093

VERT SPREAD: 1.601

GROUP SPREAD: 2.099

MIN RADIUS: 0.383

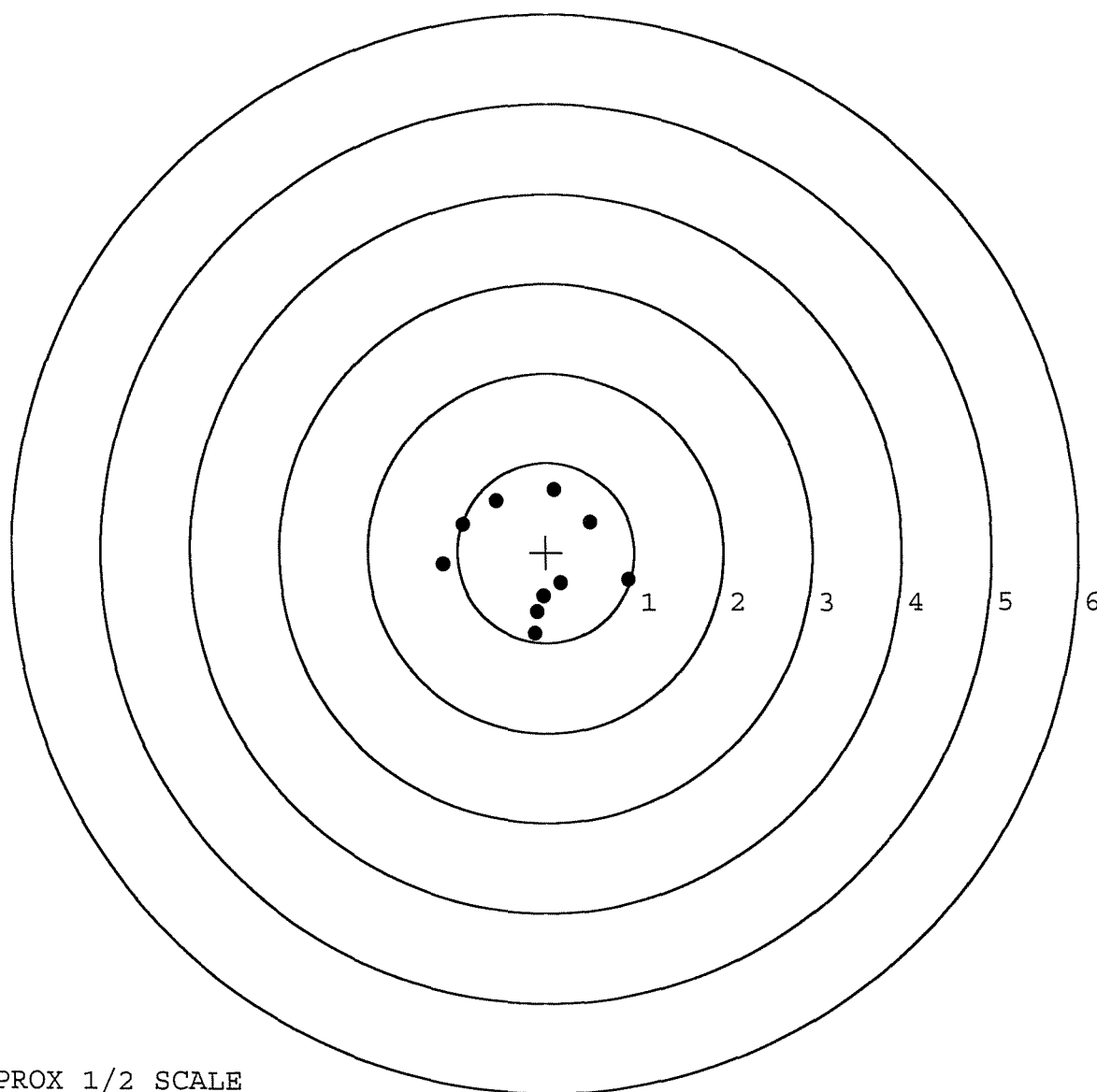
MAX RADIUS: 1.076

MEAN RADIUS: 0.757

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

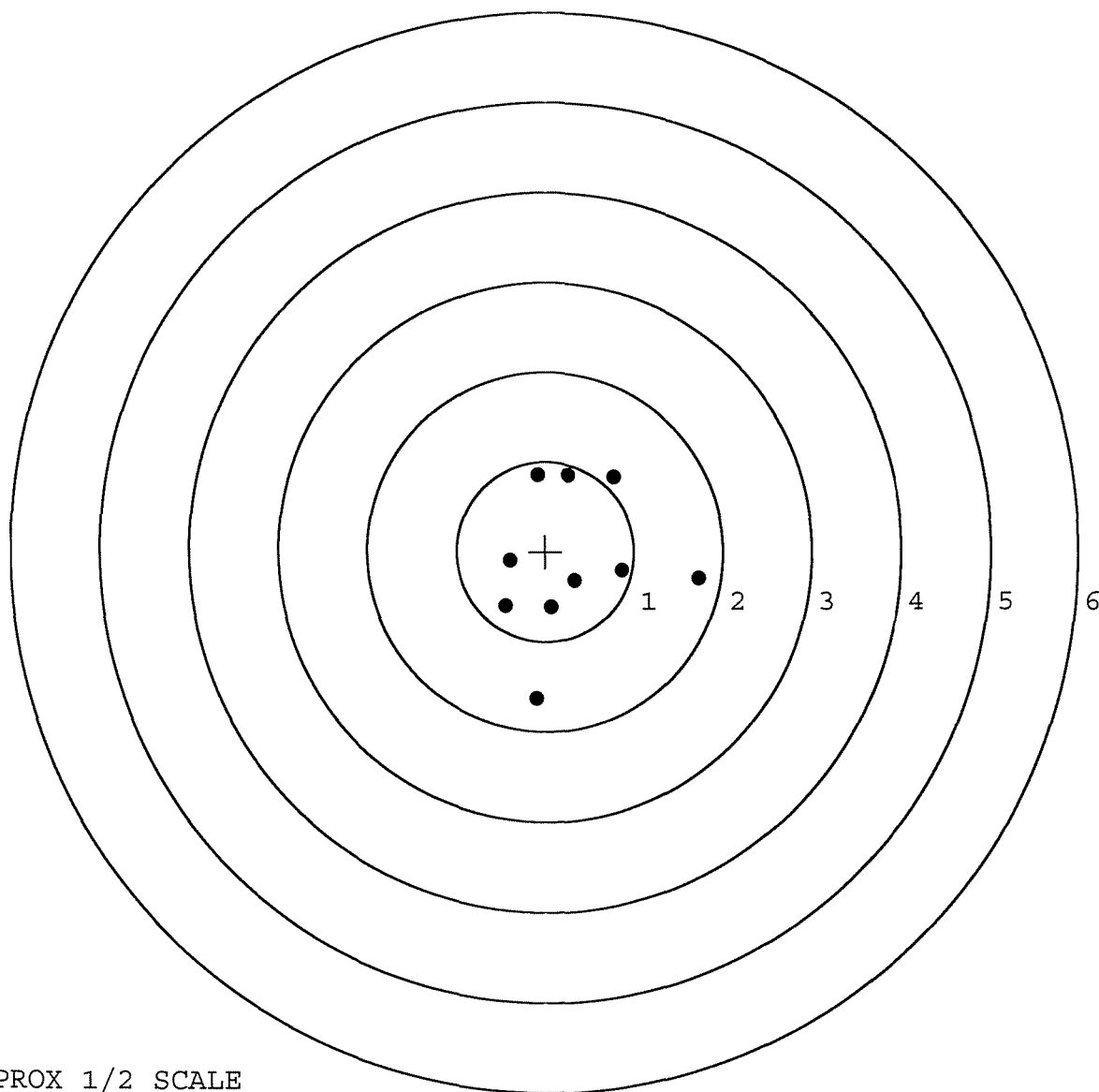


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6410278. __1
 TARGET NUMBER: 2
 FILE DATE: 09/13/2005
 FILE TIME: 09:32

POINT#	X	Y
1:	-0.088	0.849
2:	0.255	0.847
3:	0.767	0.829
4:	-0.406	-0.104
5:	-0.458	-0.608
6:	0.062	-0.624
7:	0.333	-0.323
8:	0.861	-0.209
9:	1.731	-0.300
10:	-0.103	-1.642

X CENTROID: 0.295
 Y CENTROID: -0.128
 POA TO CENTROID: 0.322
 HORZ SPREAD: 2.189
 VERT SPREAD: 2.491
 GROUP SPREAD: 2.620
 MIN RADIUS: 0.198
 MAX RADIUS: 1.565
 MEAN RADIUS: 0.902
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9



SERIAL NUMBER: G6410278. __ 1

TARGET NUMBER: 3

FILE DATE: 09/13/2005

FILE TIME: 09:32

POINT#	X	Y
1:	-0.082	0.297
2:	-0.441	0.132
3:	-0.507	-0.140
4:	-0.706	-0.472
5:	-0.031	-0.410
6:	0.774	-0.364
7:	0.633	0.920
8:	-0.528	0.955
9:	-1.841	1.457
10:	0.726	1.754

X CENTROID: -0.200

Y CENTROID: 0.413

POA TO CENTROID: 0.459

HORZ SPREAD: 2.615

VERT SPREAD: 2.226

GROUP SPREAD: 3.187

MIN RADIUS: 0.166

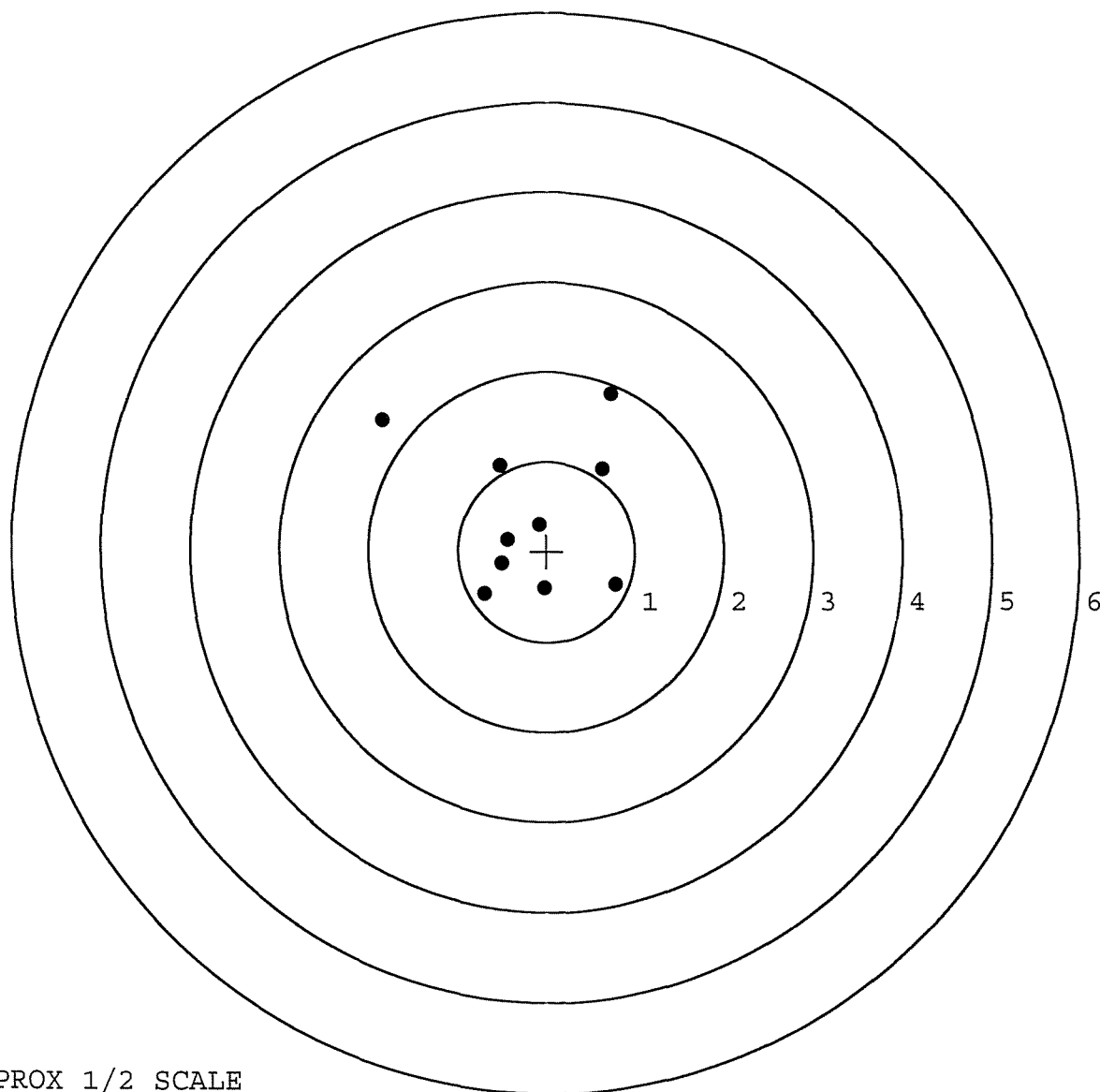
MAX RADIUS: 1.945

MEAN RADIUS: 0.946

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8

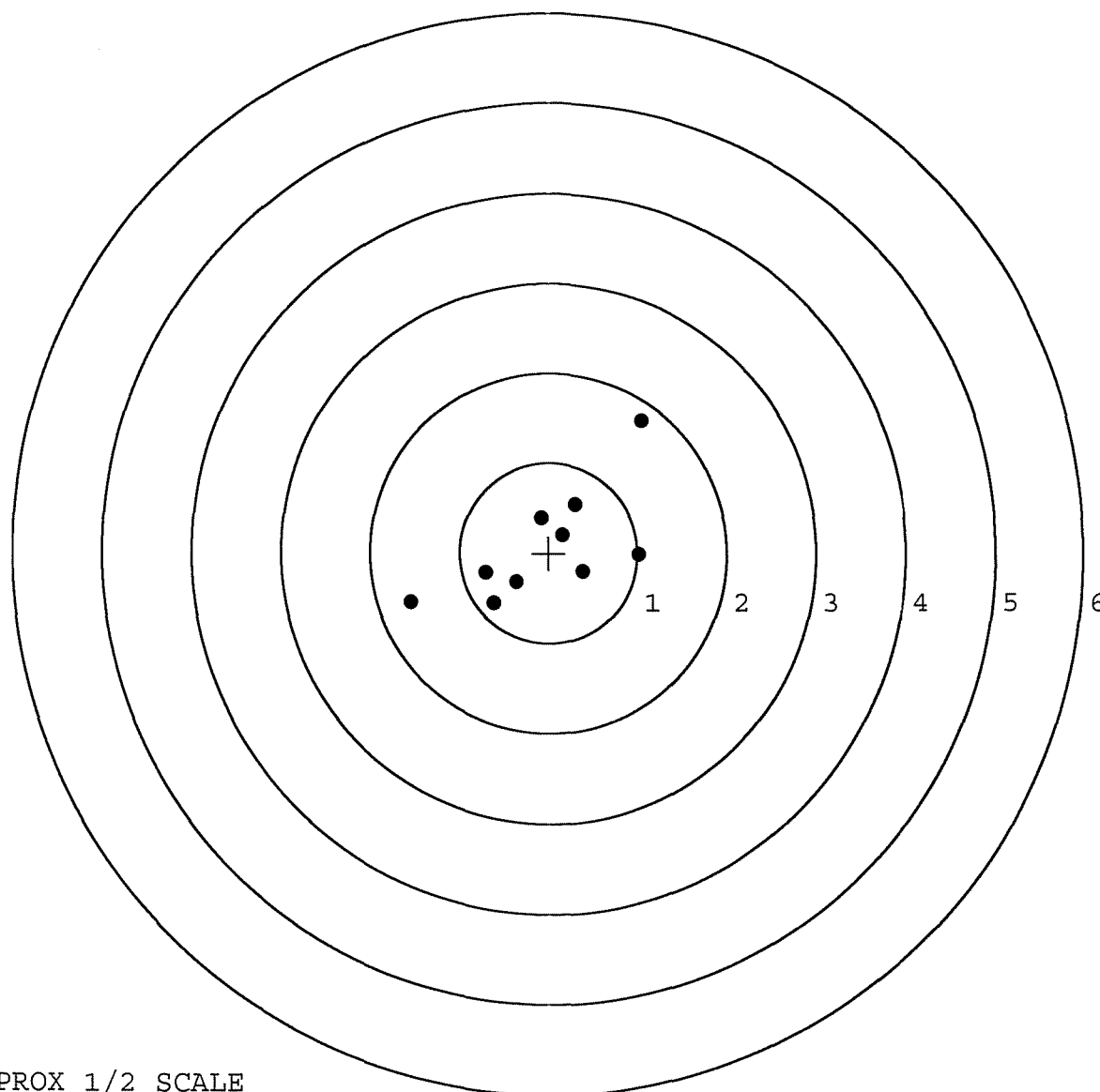


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6410278. __1
 TARGET NUMBER: 4
 FILE DATE: 09/13/2005
 FILE TIME: 09:32

X CENTROID: -0.043
 Y CENTROID: 0.073
 POA TO CENTROID: 0.085
 HORZ SPREAD: 2.601
 VERT SPREAD: 2.015
 GROUP SPREAD: 3.287
 MIN RADIUS: 0.236
 MAX RADIUS: 1.768
 MEAN RADIUS: 0.820
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.052	1.461
2:	-0.084	0.387
3:	0.299	0.542
4:	0.154	0.204
5:	1.020	-0.014
6:	0.383	-0.206
7:	-0.713	-0.219
8:	-0.621	-0.554
9:	-0.369	-0.324
10:	-1.549	-0.548



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6410278. __1

TARGET NUMBER: 5

FILE DATE: 09/13/2005

FILE TIME: 09:32

X CENTROID: -0.163

Y CENTROID: -0.267

POA TO CENTROID: 0.312

HORZ SPREAD: 2.331

VERT SPREAD: 2.132

GROUP SPREAD: 2.759

MIN RADIUS: 0.162

MAX RADIUS: 1.568

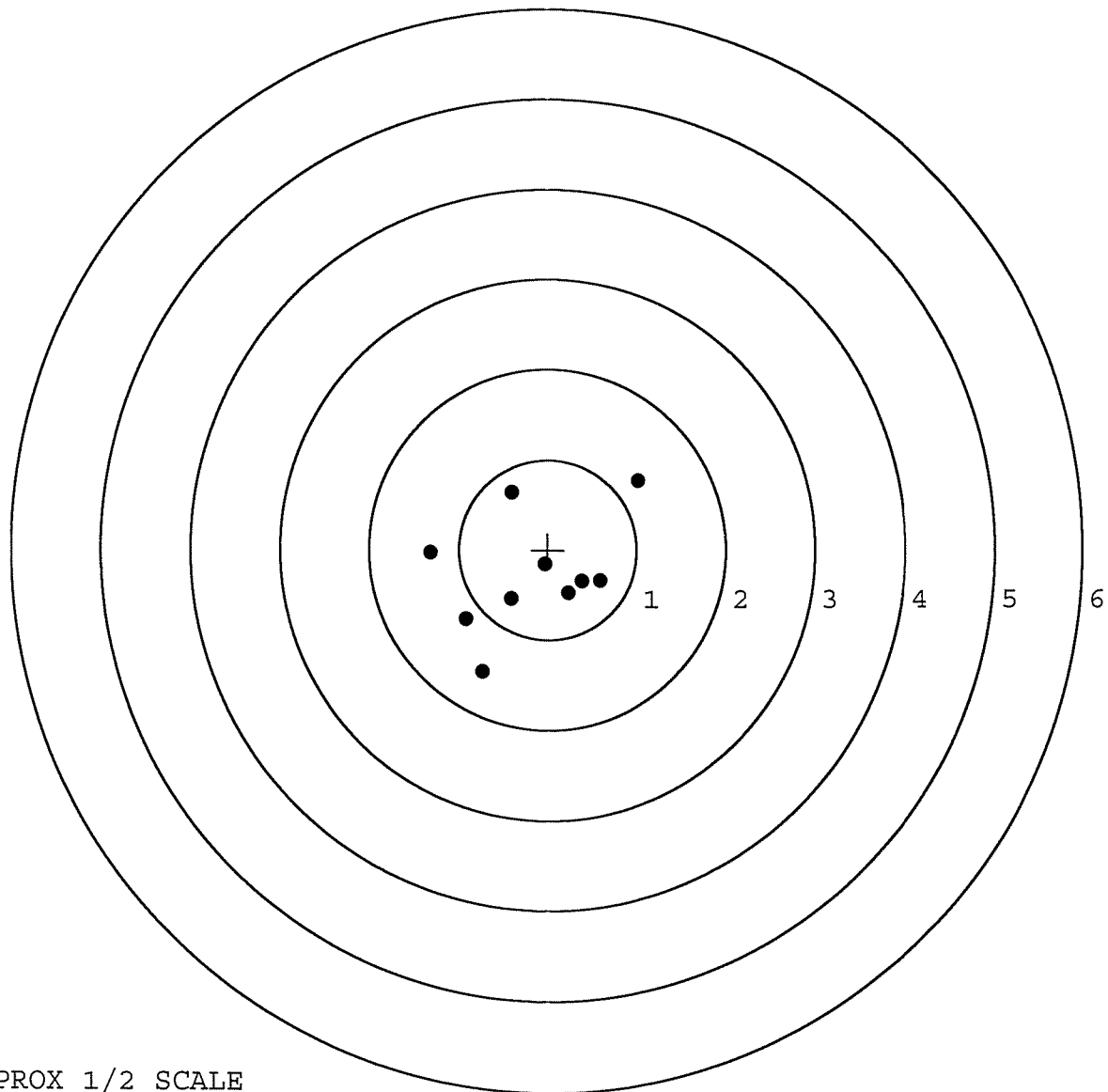
MEAN RADIUS: 0.813

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.036	-0.166
2:	0.590	-0.345
3:	0.381	-0.349
4:	0.228	-0.485
5:	-0.417	-0.553
6:	-0.737	-1.362
7:	-0.920	-0.777
8:	-1.317	-0.037
9:	-0.411	0.638
10:	1.014	0.770



TARGET APPROX 1/2 SCALE