

G-646 1705

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



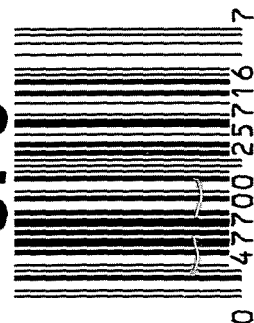
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6461705

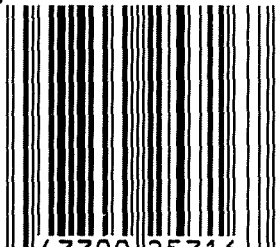
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M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

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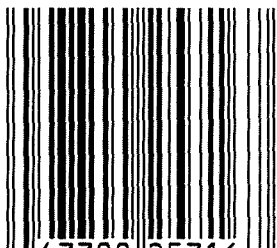


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M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

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SERIAL NO.



66461705

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6461705

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420 & 430	ASSEMBLE ACTION ASSEMBLE TO STOCK		8-11-05	RTZ
440	PROOF		8-12-05	Ac
460	CHECK HEADSPACE		8-12-05	Ac
470	DIS-ASSEMBLE ACTION		8-15-05	RTZ
480 & 490	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT		SEP 07 2005 OPERATOR	
500	ROLLMARK CALIBER		9-8-05	CW
510	DRILL AND TAP SIGHT HOLES		9-7-05	TRCJ
520	GOFF BLAST BBL / REC		9-9-05	LB
530 & 540	APPLY COATINGS (BARREL ACTION)		9-17-05	WJ
	(BOLT)			
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		9/30	WJM
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9/30	WJM
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9/30	WJM
	D) OIL FIRING PIN ASSEMBLY		10/12-05	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

REV-8405

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>51b</u> <u>51b</u> <u>51b</u>	10-14-05	BC
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>21b</u> <u>21b</u> <u>21b</u>	10-14-05	BC
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.023</u> <u>.022</u>	10-14-05	BC
	J) ASSEMBLE STOCK		10-12-05	RJL
	K) ASSEMBLE SWIVEL STUDS		10-14-05	BC
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		10-12-05	AE
	M) IRON SIGHT ALIGNMENT		10-12-05	AE
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		10-12-05	AE
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	10-13-05	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		10-13-05	SH
670	FINAL INSPECTION A) HEADSPACE		10-14-05	BC
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.68</u> <u>.274</u> <u>2.75</u> <u>2.88</u> <u>2.98</u>	10-14-05	AE
	C) FUNCTION		10-14-05	BC
690	PACK		10/31/05	DA

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.

DATE 10-3-05

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS	COMMENTS
PULL #1	2.68	2.76	2.72	
PULL #2	2.84	2.76	2.79	
PULL #3	2.81	2.69	2.49	
PULL #4	2.63	2.81	2.53	
PULL #5	2.58	2.74	2.64	
TOTAL	13.54	13.76	13.17	
AVERAGE	2.70	2.75	2.63	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES	COMMENTS
PULL #1	3.45	3.35	
PULL #2	3.25	3.37	
PULL #3	3.27	3.28	
PULL #4	3.29	3.31	
PULL #5	3.31	3.10	
TOTAL	16.57	16.31	
AVERAGE	3.31	3.26	

	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	4.24	4.04		4.45
PULL #2	4.12	4.30		4.11
PULL #3	4.18	4.13		4.09
PULL #4	4.19	4.30		4.13
PULL #5	4.28	4.20		4.43
TOTAL	21.01	20.97		21.21
AVERAGE	4.20	4.19		4.24

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6461705.___0
FILE DATE AND TIME: 10/13/2005 09:44

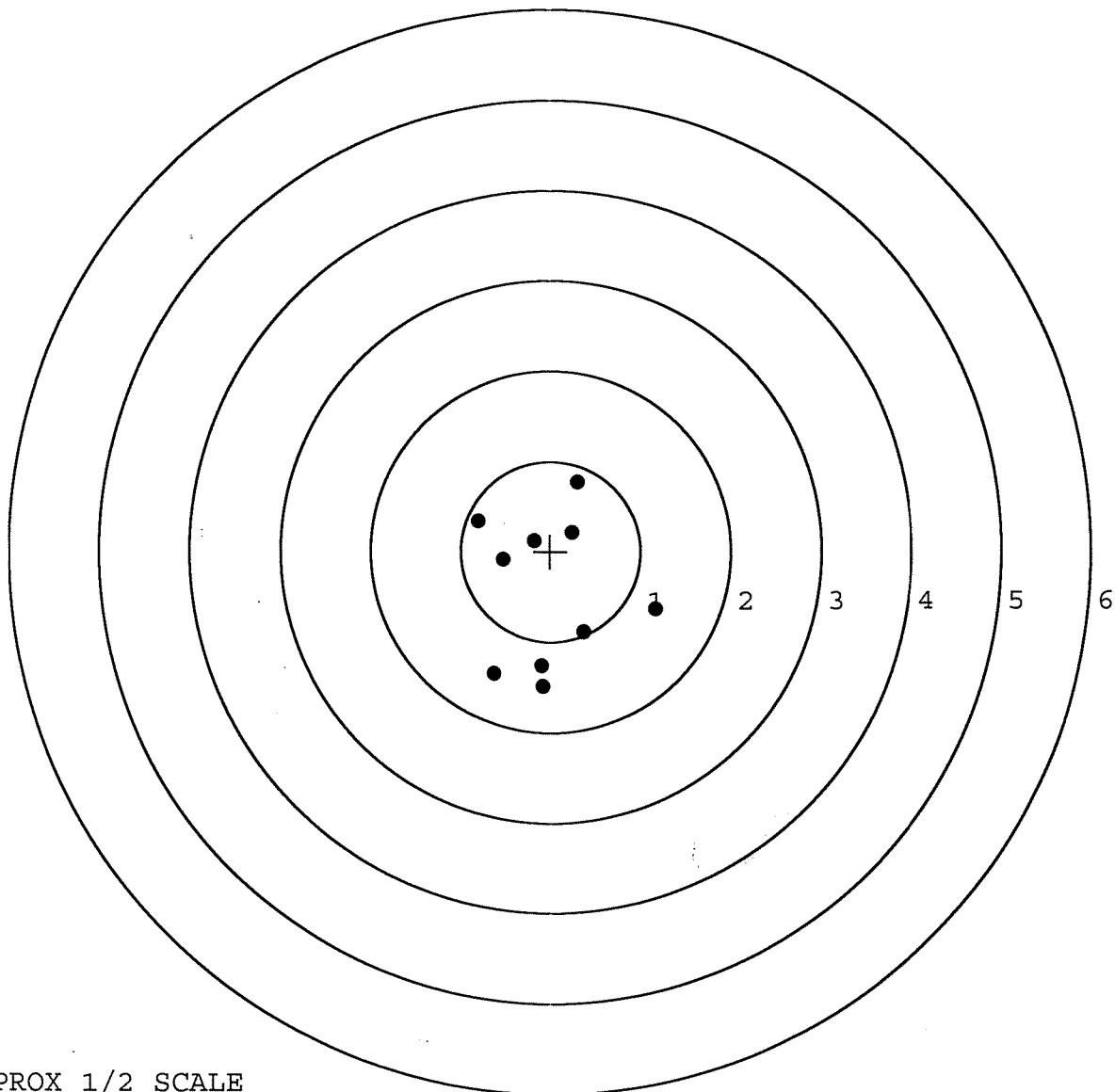
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.041
The Average Y Centroid of the Five Target Set:	-0.057
The Average Point of Impact of the Five Target Set:	0.070
The Average Mean Radius of the Five Target Set:	0.761
The Distance from POA to Centroid Target #1:	0.433
The Distance from Centroid Target #2 to Centroid Target #1:	0.422
The Distance from Centroid Target #3 to Centroid Target #1:	0.466
The Distance from Centroid Target #4 to Centroid Target #1:	0.478
The Distance from Centroid Target #5 to Centroid Target #1:	0.539

SERIAL NUMBER: G6461705. __0
 TARGET NUMBER: 1
 FILE DATE: 10/13/2005
 FILE TIME: 09:44

POINT#	X	Y
1:	-0.087	-1.495
2:	-0.101	-1.270
3:	0.367	-0.897
4:	1.160	-0.646
5:	-0.637	-1.358
6:	-0.528	-0.095
7:	-0.184	0.115
8:	0.244	0.211
9:	-0.811	0.337
10:	0.302	0.773

X CENTROID: -0.027
 Y CENTROID: -0.432
 POA TO CENTROID: 0.433
 HORZ SPREAD: 1.971
 VERT SPREAD: 2.268
 GROUP SPREAD: 2.329
 MIN RADIUS: 0.569
 MAX RADIUS: 1.250
 MEAN RADIUS: 0.905
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 10

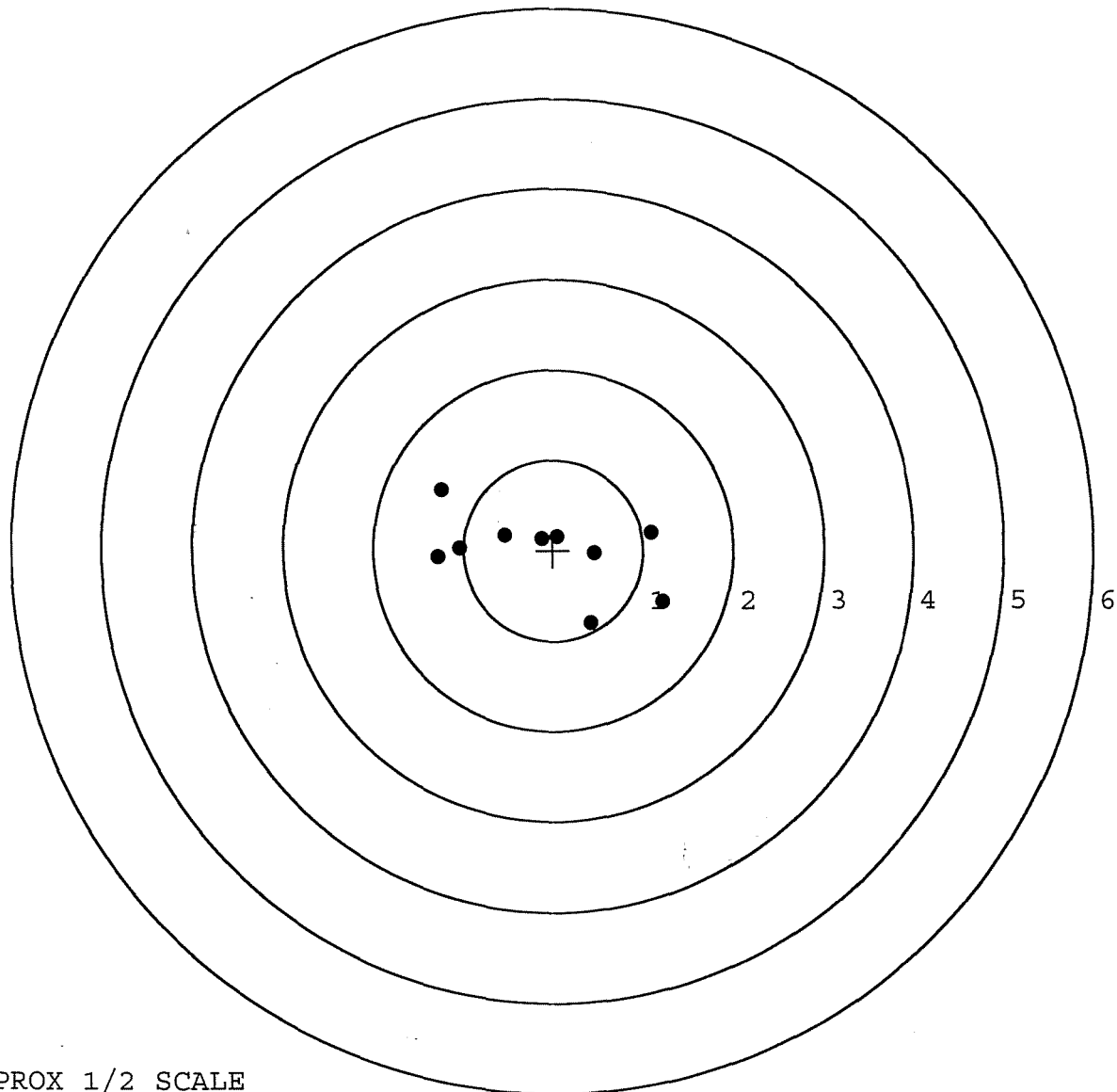


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461705. __0
 TARGET NUMBER: 2
 FILE DATE: 10/13/2005
 FILE TIME: 09:44

X CENTROID: -0.098
 Y CENTROID: -0.017
 POA TO CENTROID: 0.099
 HORZ SPREAD: 2.502
 VERT SPREAD: 1.464
 GROUP SPREAD: 2.755
 MIN RADIUS: 0.151
 MAX RADIUS: 1.428
 MEAN RADIUS: 0.846
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.219	-0.569
2:	0.424	-0.803
3:	0.464	-0.035
4:	1.092	0.197
5:	0.052	0.153
6:	-0.535	0.163
7:	-1.283	-0.084
8:	-1.246	0.661
9:	-0.123	0.132
10:	-1.044	0.017

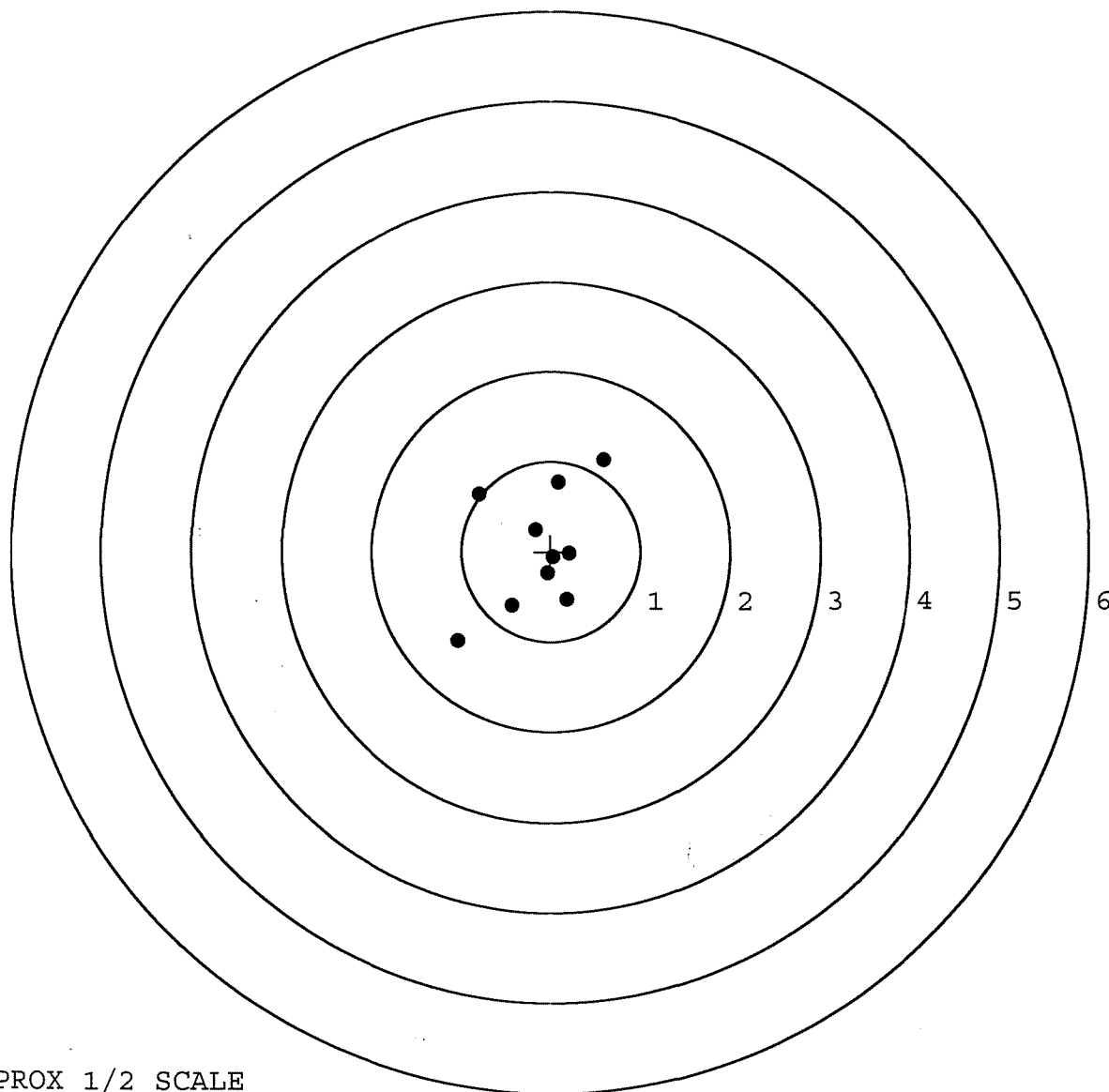


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461705. __0
 TARGET NUMBER: 3
 FILE DATE: 10/13/2005
 FILE TIME: 09:44

POINT#	X	Y
1:	0.185	-0.538
2:	-0.438	-0.604
3:	-1.040	-0.999
4:	-0.804	0.638
5:	0.588	1.017
6:	0.084	0.767
7:	0.211	-0.022
8:	-0.036	-0.243
9:	-0.173	0.243
10:	0.029	-0.062

X CENTROID: -0.139
 Y CENTROID: 0.020
 POA TO CENTROID: 0.141
 HORZ SPREAD: 1.628
 VERT SPREAD: 2.016
 GROUP SPREAD: 2.591
 MIN RADIUS: 0.187
 MAX RADIUS: 1.360
 MEAN RADIUS: 0.667
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

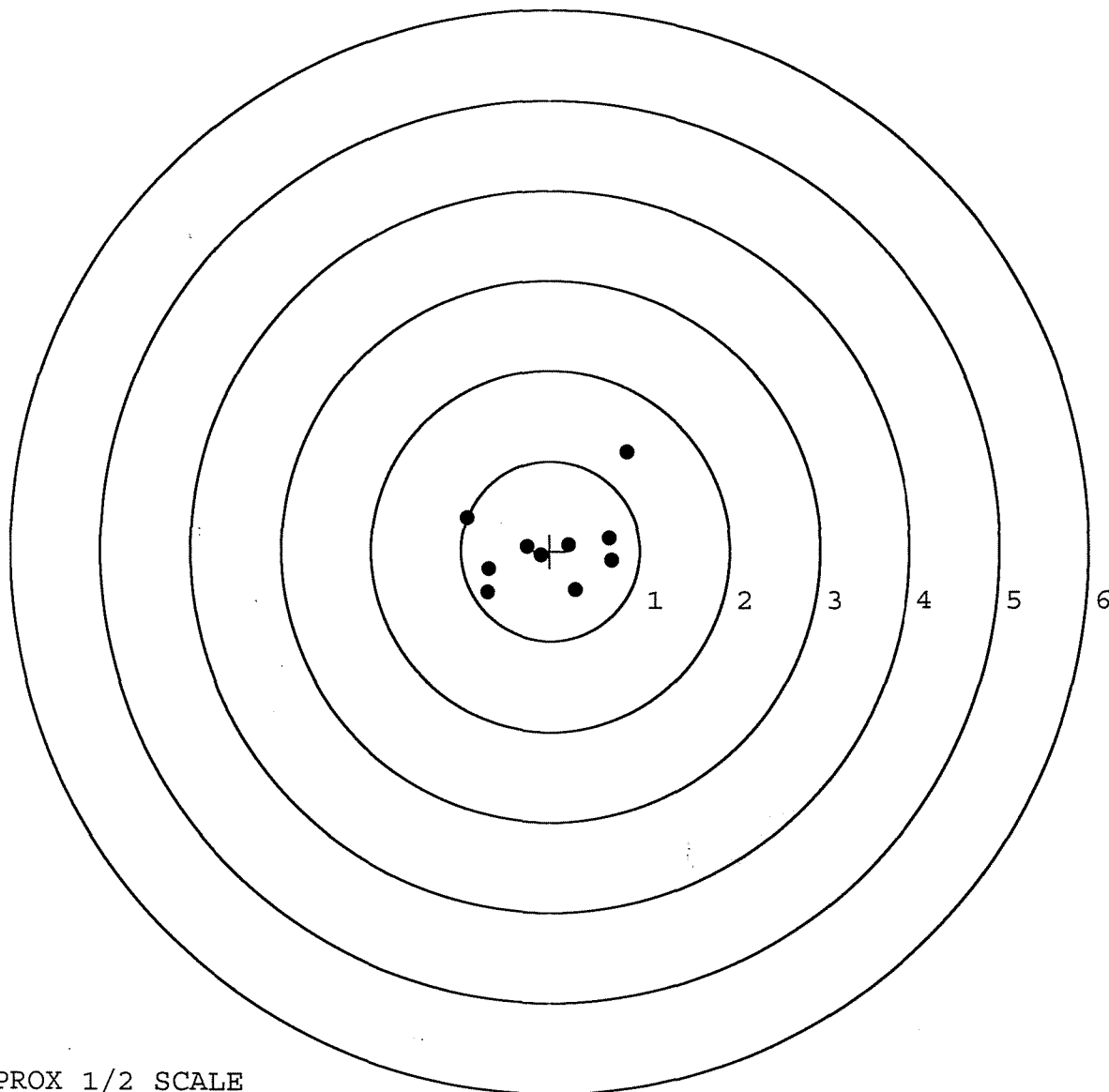


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461705. __0
 TARGET NUMBER: 4
 FILE DATE: 10/13/2005
 FILE TIME: 09:44

X CENTROID: 0.002
 Y CENTROID: 0.045
 POA TO CENTROID: 0.045
 HORZ SPREAD: 1.797
 VERT SPREAD: 1.565
 GROUP SPREAD: 2.210
 MIN RADIUS: 0.140
 MAX RADIUS: 1.356
 MEAN RADIUS: 0.650
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.857	1.097
2:	-0.105	-0.047
3:	-0.255	0.051
4:	-0.703	-0.468
5:	-0.688	-0.209
6:	-0.940	0.360
7:	0.664	0.142
8:	0.213	0.068
9:	0.283	-0.439
10:	0.689	-0.110

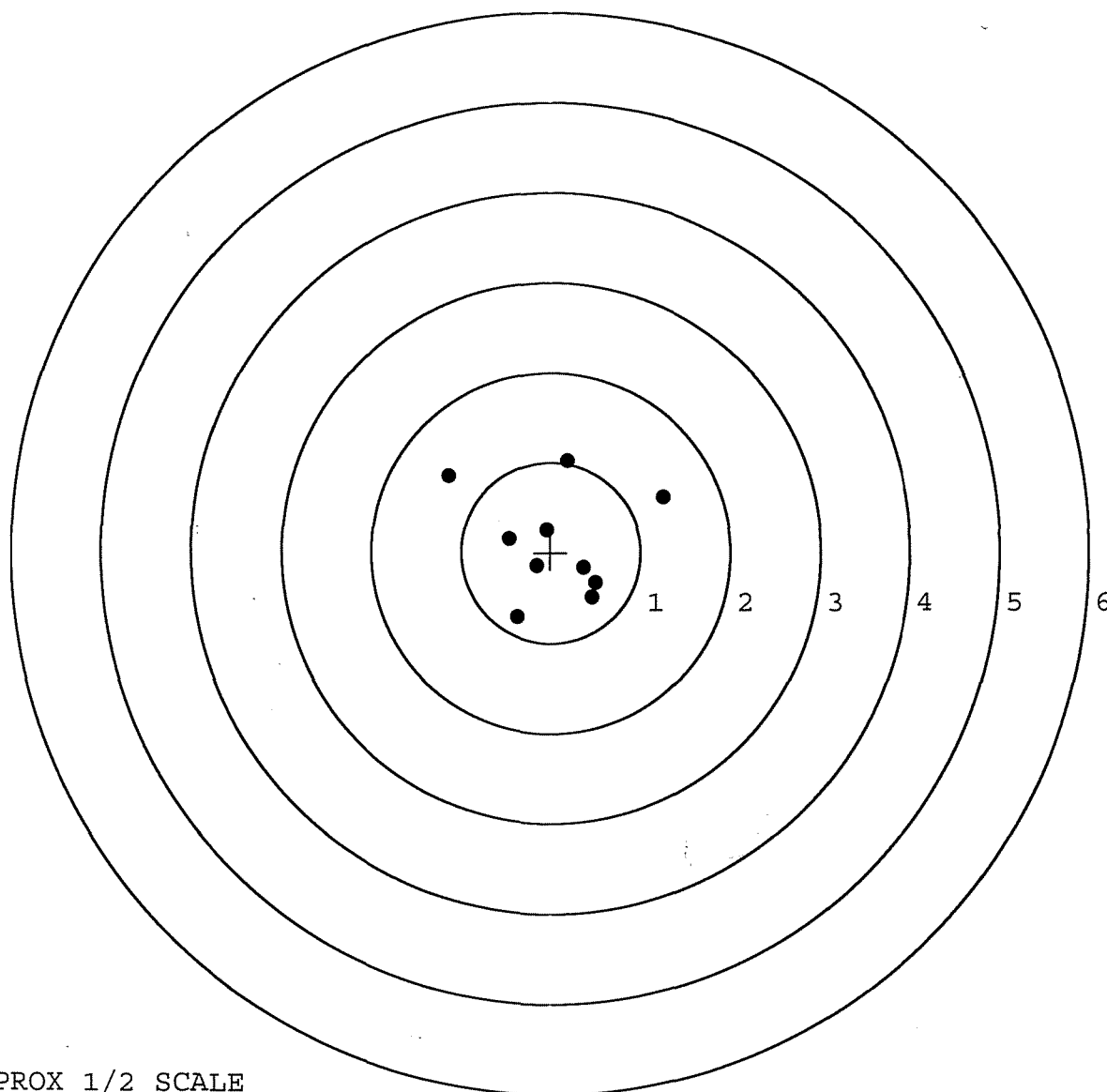


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461705. 0
 TARGET NUMBER: 5
 FILE DATE: 10/13/2005
 FILE TIME: 09:44

POINT#	X	Y
1:	1.253	0.607
2:	0.189	1.018
3:	-1.145	0.845
4:	-0.377	-0.718
5:	-0.464	0.151
6:	-0.043	0.247
7:	-0.155	-0.148
8:	0.369	-0.169
9:	0.464	-0.499
10:	0.505	-0.335

X CENTROID: 0.060
 Y CENTROID: 0.100
 POA TO CENTROID: 0.116
 HORZ SPREAD: 2.398
 VERT SPREAD: 1.736
 GROUP SPREAD: 2.410
 MIN RADIUS: 0.179
 MAX RADIUS: 1.416
 MEAN RADIUS: 0.736
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE