

G-652 1378

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

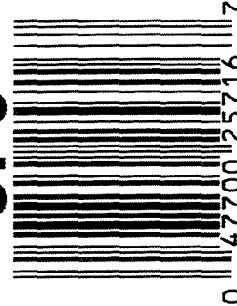
24"

CAPACITY

6

G6521378

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 # G6521378

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420 & 430	ASSEMBLE ACTION ASSEMBLE TO STOCK		1-11-06	RTL
440	PROOF		1-11-06	Ac
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	1-11-06	Ac
470	DIS-ASSEMBLE ACTION	JAN 13 2006	1-12-06	RTL
480 & 490	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	unit OPERATOR unit	1/13/06	unit
500	ROLLMARK CALIBER		1-13-06	CW
510	DRILL AND TAP SIGHT HOLES		1-12-06	TRW
520	GOFF BLAST BBL / REC		1-16-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)		1/18	HP
	(BOLT)			
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		1/20/06	mgd
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		1/20/06	mgd
	C) INSPECT EJECTOR HOLE FOR CHAMFER		1/26/06	mgd
	D) OIL FIRING PIN ASSEMBLY		3/10/06	mgd
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		3/10/06	mgd

REV-8405

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.2</u> <u>6.2</u> <u>6.2</u>	2/2/06	DA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.2</u> <u>2.2</u> <u>2.2</u>	2/2/06	DA
	H) TRIGGER PULL TEST AND RETAINABILITY		3/10/06	MMJ
	I) FIRING PIN INDENT .020 MIN	<u>.022</u> <u>.022</u> <u>.022</u>	3/10/06	MMJ
	J) ASSEMBLE STOCK		1-23-06	BG
	K) ASSEMBLE SWIVEL STUDS		3/10/06	MMJ
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		1-23-06	BG
	M) IRON SIGHT ALIGNMENT		1-23-06	BG
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		1-23-06	BG
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	1/23/06	MMJ
	MALFUNCTION <i>CH</i>	CORRECTION <i>OK</i>	1-24-06	TRW
	MALFUNCTION <i>hard to put 5 in mag</i>	CORRECTION <i>OK</i>	1-24-06	TRW
	MALFUNCTION <i>wings cranked short</i>	CORRECTION <i>OK</i>	1-24-06	TRW
	MALFUNCTION	CORRECTION <i>N/A</i>		
660	INSPECT FOR LIVE AMMO		1-23-06	MMJ
670	FINAL INSPECTION A) HEADSPACE		3/10/06	MMJ
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.84</u> <u>2.81</u> <u>2.85</u> <u>2.85</u> <u>2.57</u>	2/2/06	DA
	C) FUNCTION		3/10/06	MMJ
690	PACK		3-24-06	DA

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 1-23-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.59	2.41		2.63	
PULL #2	2.50	2.41		2.60	
PULL #3	2.50	2.53		2.34	
PULL #4	2.35	2.42		2.47	
PULL #5	2.39	2.41		2.51	
TOTAL	12.33	12.18		12.55	
AVERAGE	2.46	2.43		2.51	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.12	3.12		
PULL #2	3.10	3.15		
PULL #3	3.06	3.07		
PULL #4	3.03	3.00		
PULL #5	2.93	3.00		
TOTAL	15.24	15.34		
AVERAGE	3.04	3.06		

	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	4.05	4.19		4.09
PULL #2	3.99	4.02		4.23
PULL #3	4.14	4.28		4.10
PULL #4	4.23	4.24		4.17
PULL #5	4.21	4.11		4.02
TOTAL	20.62	20.84		20.61
AVERAGE	4.12	4.16		4.12

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6521378.___0
FILE DATE AND TIME: 01/23/2006 23:05

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.034
The Average Y Centroid of the Five Target Set:	0.070
The Average Point of Impact of the Five Target Set:	0.078
The Average Mean Radius of the Five Target Set:	0.584
The Distance from POA to Centroid Target #1:	0.284
The Distance from Centroid Target #2 to Centroid Target #1:	0.336
The Distance from Centroid Target #3 to Centroid Target #1:	0.407
The Distance from Centroid Target #4 to Centroid Target #1:	0.381
The Distance from Centroid Target #5 to Centroid Target #1:	0.680

BARBER - M24 0100035

SERIAL NUMBER: G6521378. 0

TARGET NUMBER: 1

FILE DATE: 01/23/2006

FILE TIME: 23:05

POINT#	X	Y
1:	0.323	0.027
2:	0.102	-0.163
3:	0.066	-0.532
4:	0.685	-0.078
5:	0.871	-0.753
6:	1.178	-0.828
7:	-0.620	-0.434
8:	-0.771	0.205
9:	0.119	-0.553
10:	-0.010	1.036

X CENTROID: 0.194

Y CENTROID: -0.207

POA TO CENTROID: 0.284

HORZ SPREAD: 1.949

VERT SPREAD: 1.864

GROUP SPREAD: 2.210

MIN RADIUS: 0.102

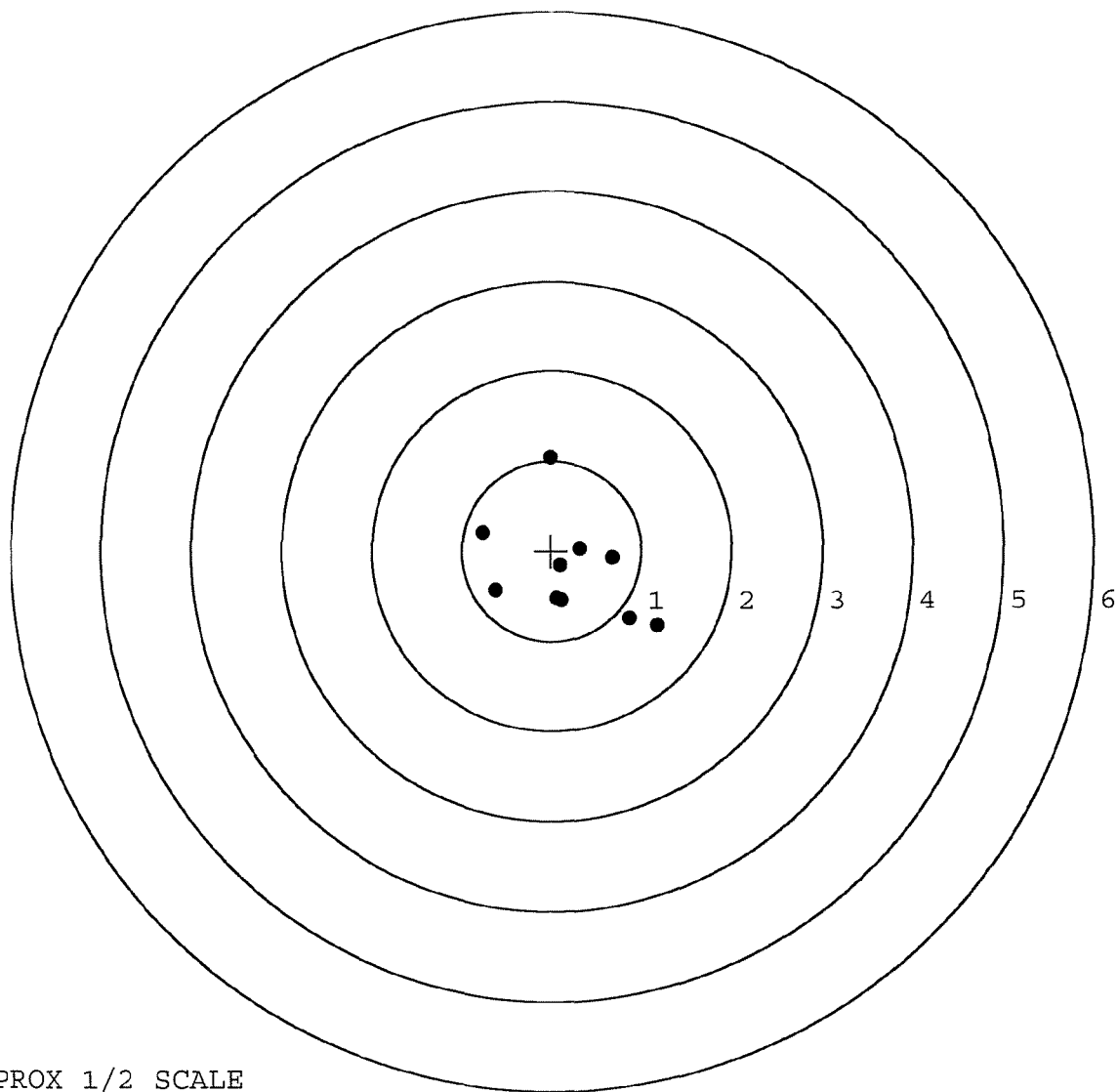
MAX RADIUS: 1.260

MEAN RADIUS: 0.677

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

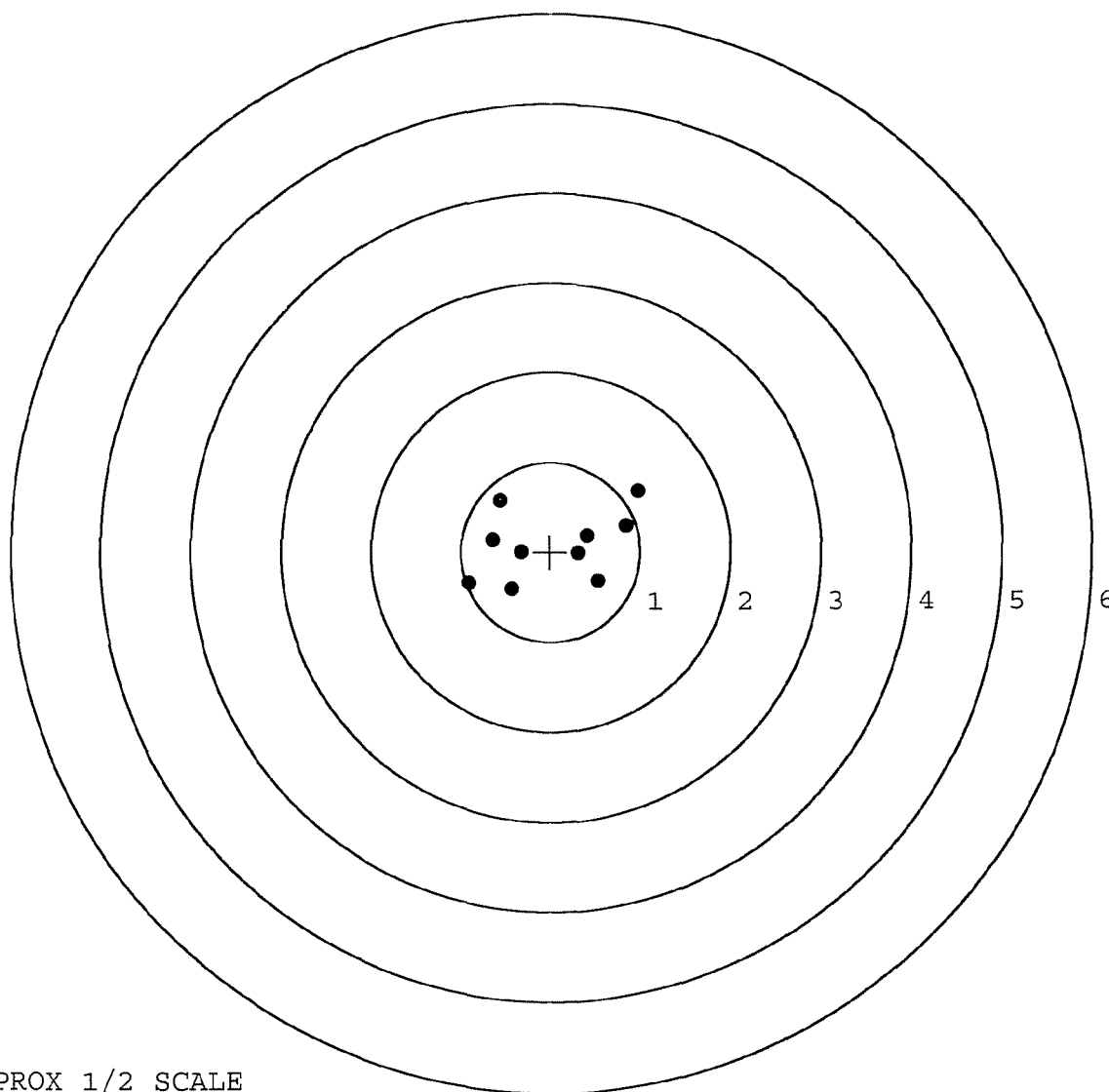
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0100036

SERIAL NUMBER: G6521378. __0	POINT#	X	Y
TARGET NUMBER: 2	1:	-0.321	0.004
FILE DATE: 01/23/2006	2:	-0.651	0.140
FILE TIME: 23:05	3:	-0.430	-0.415
	4:	-0.912	-0.348
X CENTROID: 0.020	5:	-0.564	0.575
Y CENTROID: 0.080	6:	0.977	0.686
POA TO CENTROID: 0.082	7:	0.840	0.298
HORZ SPREAD: 1.889	8:	0.410	0.190
VERT SPREAD: 1.101	9:	0.316	-0.010
GROUP SPREAD: 2.153	10:	0.535	-0.320
MIN RADIUS: 0.309			
MAX RADIUS: 1.133			
MEAN RADIUS: 0.683			
# IN 1 IN DIAMETER: 3			
# IN 2 IN DIAMETER: 8			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

BARBER - M24 0100037

SERIAL NUMBER: G6521378. 0

TARGET NUMBER: 3

FILE DATE: 01/23/2006

FILE TIME: 23:05

POINT#	X	Y
1:	-0.037	0.211
2:	-0.483	0.350
3:	-0.485	0.114
4:	-0.650	0.515
5:	0.136	0.857
6:	-0.678	-0.307
7:	-0.202	-0.380
8:	0.185	-0.291
9:	0.455	-0.077
10:	0.818	-0.194

X CENTROID: -0.094

Y CENTROID: 0.080

POA TO CENTROID: 0.123

HORZ SPREAD: 1.496

VERT SPREAD: 1.237

GROUP SPREAD: 1.630

MIN RADIUS: 0.143

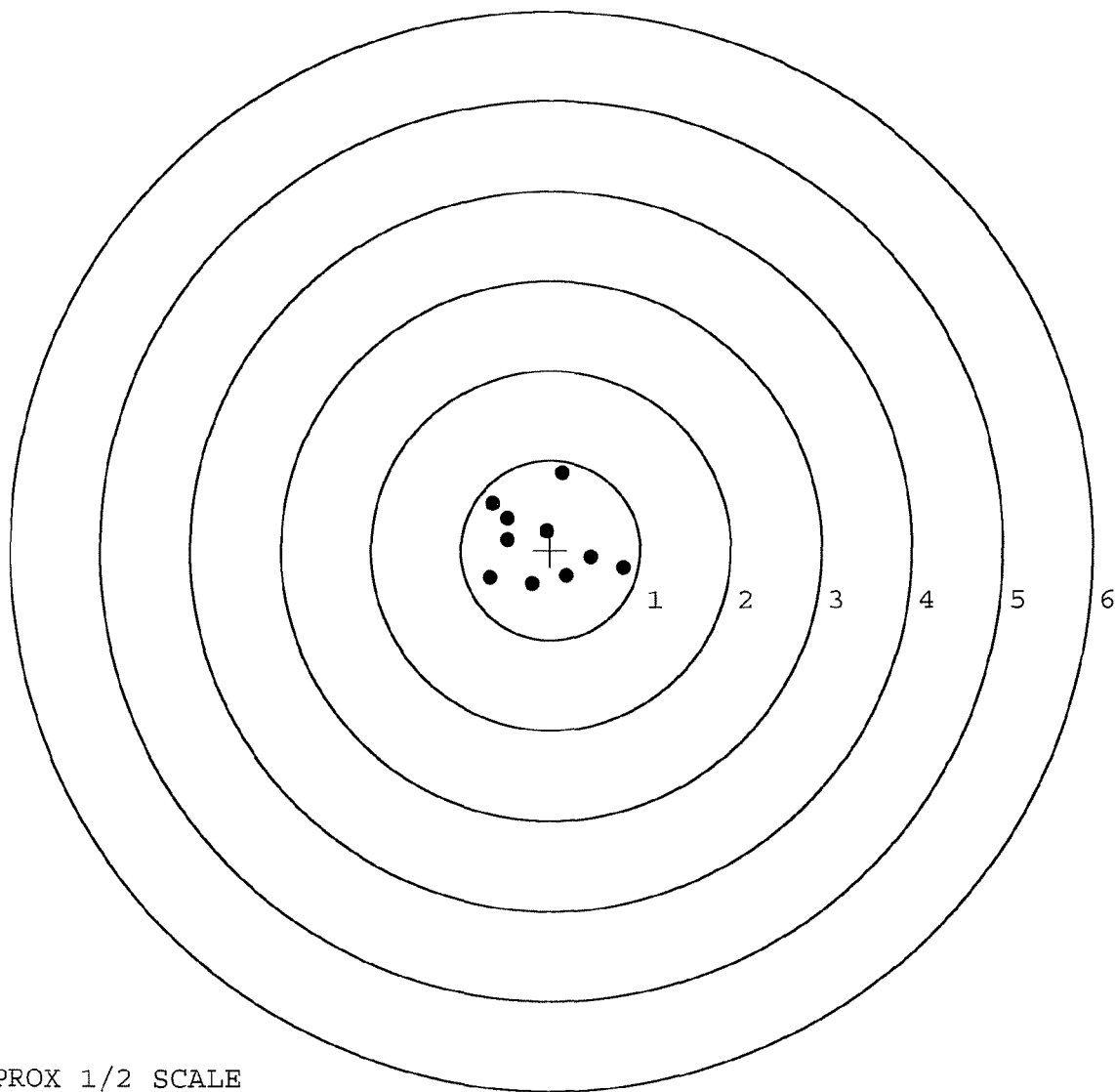
MAX RADIUS: 0.952

MEAN RADIUS: 0.569

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

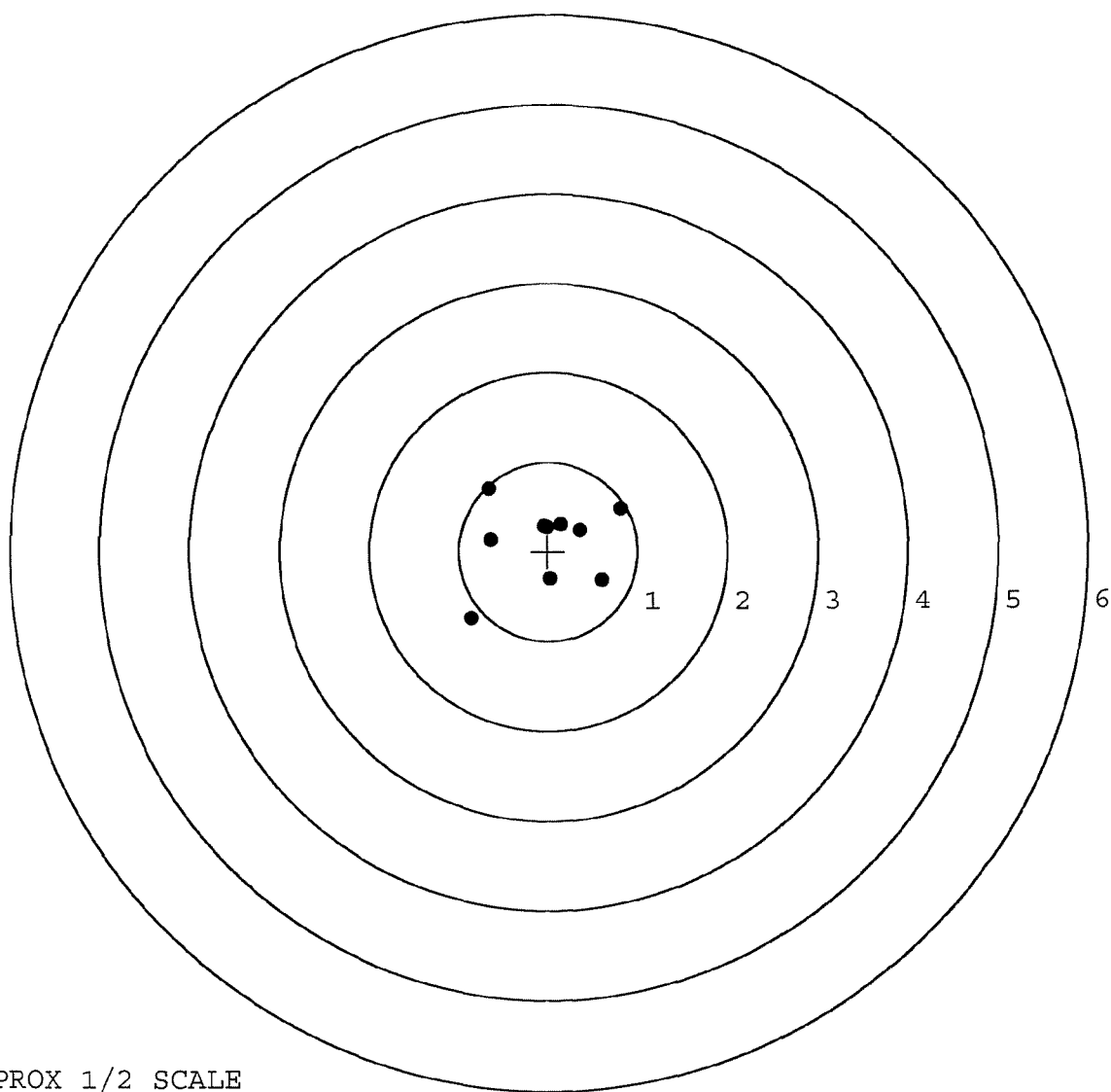


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521378. __0
 TARGET NUMBER: 4
 FILE DATE: 01/23/2006
 FILE TIME: 23:05

POINT#	X	Y
1:	0.358	0.242
2:	0.808	0.481
3:	0.146	0.304
4:	-0.047	0.284
5:	-0.645	0.128
6:	-0.671	0.700
7:	-0.861	-0.750
8:	0.030	-0.313
9:	0.611	-0.326
10:	-0.017	0.268

X CENTROID: -0.029
 Y CENTROID: 0.102
 POA TO CENTROID: 0.106
 HORZ SPREAD: 1.669
 VERT SPREAD: 1.450
 GROUP SPREAD: 2.074
 MIN RADIUS: 0.167
 MAX RADIUS: 1.191
 MEAN RADIUS: 0.582
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



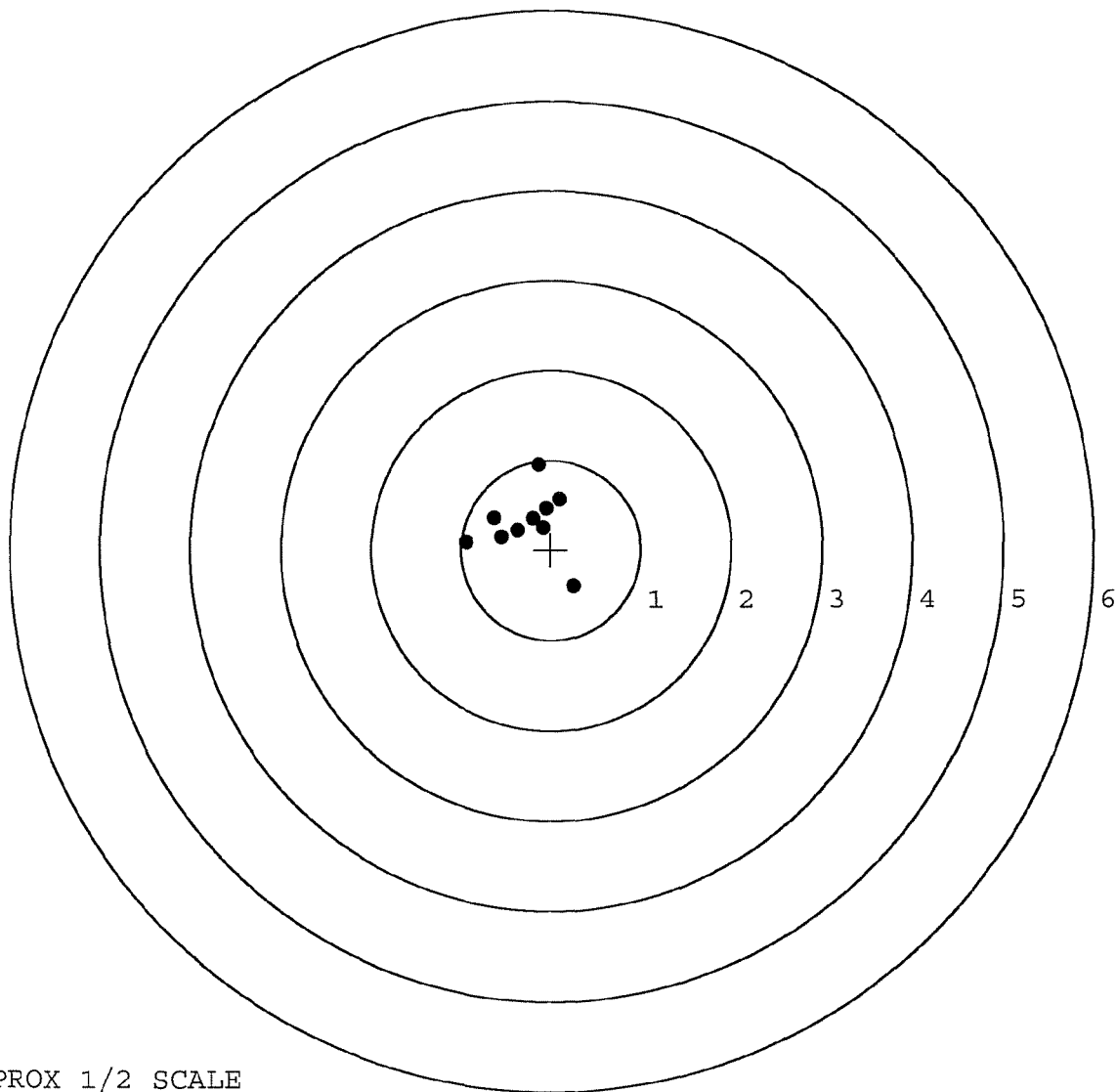
TARGET APPROX 1/2 SCALE

BARBER - M24 0100039

SERIAL NUMBER: G6521378. __0
 TARGET NUMBER: 5
 FILE DATE: 01/23/2006
 FILE TIME: 23:05

POINT#	X	Y
1:	0.097	0.562
2:	-0.055	0.461
3:	-0.091	0.242
4:	-0.200	0.348
5:	-0.376	0.216
6:	-0.558	0.142
7:	-0.941	0.080
8:	-0.636	0.354
9:	-0.135	0.953
10:	0.259	-0.401

X CENTROID: -0.264
 Y CENTROID: 0.296
 POA TO CENTROID: 0.396
 HORZ SPREAD: 1.200
 VERT SPREAD: 1.354
 GROUP SPREAD: 1.410
 MIN RADIUS: 0.082
 MAX RADIUS: 0.871
 MEAN RADIUS: 0.408
 # IN 1 IN DIAMETER: 7
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE