

G 652 / 366

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

0 47700 25716 7

0 47700 25716 7

G6521366

G6521366

ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6521366

UPC

0 47700 25716 7

ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

UPC



0 47700 25716 7

ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

UPC



0 47700 25716 7

SERIAL NO.



66521366

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6052 1366

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420 & 430	ASSEMBLE ACTION ASSEMBLE TO STOCK		1-16-06	RTZ
440	PROOF		1/17/06	mgd
460	CHECK HEADSPACE	MAGNAFLUX INSPECTED	1/17/06	mgd
470	DIS-ASSEMBLE ACTION	JAN 20 2006	1/17/06	mgd
480 & 490	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	OP 4/80 OPERATOR GPD	1/20/06	APD
500	ROLLMARK CALIBER		1-19-06	CW
510	DRILL AND TAP SIGHT HOLES		1-19-06	TRW
520	GOFF BLAST BBL / REC		1-20-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)		1/25	HP
	(BOLT)			
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		1/27/06	mgd
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		1/27/06	mgd
	C) INSPECT EJECTOR HOLE FOR CHAMFER		1/27/06	mgd
	D) OIL FIRING PIN ASSEMBLY		1-30-06	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS	3/7/06	mgd

REV-8405

OP #	OPERATION NAME	BARBER - M24 00999888	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>5.0</u> <u>5.5</u> <u>5.5</u>	2/2/06	DA
CONT.	G) SAFETY OFF FORCE	2 LBS MIN	<u>2.0</u> <u>2.0</u> <u>2.0</u>	2/2/06	DA
	H) TRIGGER PULL TEST AND RETAINABILITY			3/7/06	MPJ
	I) FIRING PIN INDENT	.020 MIN	<u>.023</u> <u>.023</u> <u>.023</u>	3/7/06	MPJ
	J) ASSEMBLE STOCK			1-30-06	LTZ
	K) ASSEMBLE SWIVEL STUDS			3/7/06	MPJ
	L) ATTACH FRONT AND REAR SIGHT ASSY'S			1-30-06	LTZ
	M) IRON SIGHT ALIGNMENT			1-30-06	LTZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER			1-30-06	LTZ
640 & 650	FUNCTION TEST AND TARGET		PASS PASS FAIL FAIL	1/30/06	MPJ
	MALFUNCTION		CORRECTION		
	MALFUNCTION		CORRECTION		
	MALFUNCTION		CORRECTION		
	MALFUNCTION		CORRECTION		
660	INSPECT FOR LIVE AMMO			1-30-06	ROM
670	FINAL INSPECTION A) HEADSPACE			3/7/06	MPJ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.40</u> <u>2.54</u> <u>2.45</u> <u>2.42</u> <u>2.35</u>	2/2/06	DA
	C) FUNCTION			3/7/06	MPJ
690	PACK			3-27-06	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 1-28-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.64	2.56		2.59	
PULL #2	2.50	2.68		2.67	
PULL #3	2.58	2.57		2.63	
PULL #4	2.60	2.38		2.61	
PULL #5	2.57	2.57		2.64	
TOTAL	12.89	12.79		13.14	
AVERAGE	2.57	2.55		2.62	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.16	2.98		
PULL #2	3.12	3.23		
PULL #3	3.20	3.19		
PULL #4	3.19	3.22		
PULL #5	3.10	3.34		
TOTAL	15.77	15.96		
AVERAGE	3.15	3.19		

	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	4.10	4.02		3.99
PULL #2	3.96	4.17		4.28
PULL #3	3.98	4.18		4.03
PULL #4	4.12	4.03		4.09
PULL #5	4.08	4.01		4.05
TOTAL	20.24	20.41		20.44
AVERAGE	4.04	4.08		4.08

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6521366.___0
FILE DATE AND TIME: 01/30/2006 22:42

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.026
The Average Y Centroid of the Five Target Set:	-0.073
The Average Point of Impact of the Five Target Set:	0.078
The Average Mean Radius of the Five Target Set:	0.525
The Distance from POA to Centroid Target #1:	0.144
The Distance from Centroid Target #2 to Centroid Target #1:	0.300
The Distance from Centroid Target #3 to Centroid Target #1:	0.091
The Distance from Centroid Target #4 to Centroid Target #1:	0.353
The Distance from Centroid Target #5 to Centroid Target #1:	0.579

SERIAL NUMBER: G6521366. __0

TARGET NUMBER: 1

FILE DATE: 01/30/2006

FILE TIME: 22:42

POINT#	X	Y
1:	0.203	-0.136
2:	0.169	0.095
3:	0.178	0.300
4:	-0.012	0.306
5:	-0.200	0.538
6:	-0.299	0.336
7:	-0.627	-0.148
8:	-0.548	-0.112
9:	0.744	-0.431
10:	-0.180	0.574

X CENTROID: -0.057

Y CENTROID: 0.132

POA TO CENTROID: 0.144

HORZ SPREAD: 1.371

VERT SPREAD: 1.005

GROUP SPREAD: 1.400

MIN RADIUS: 0.180

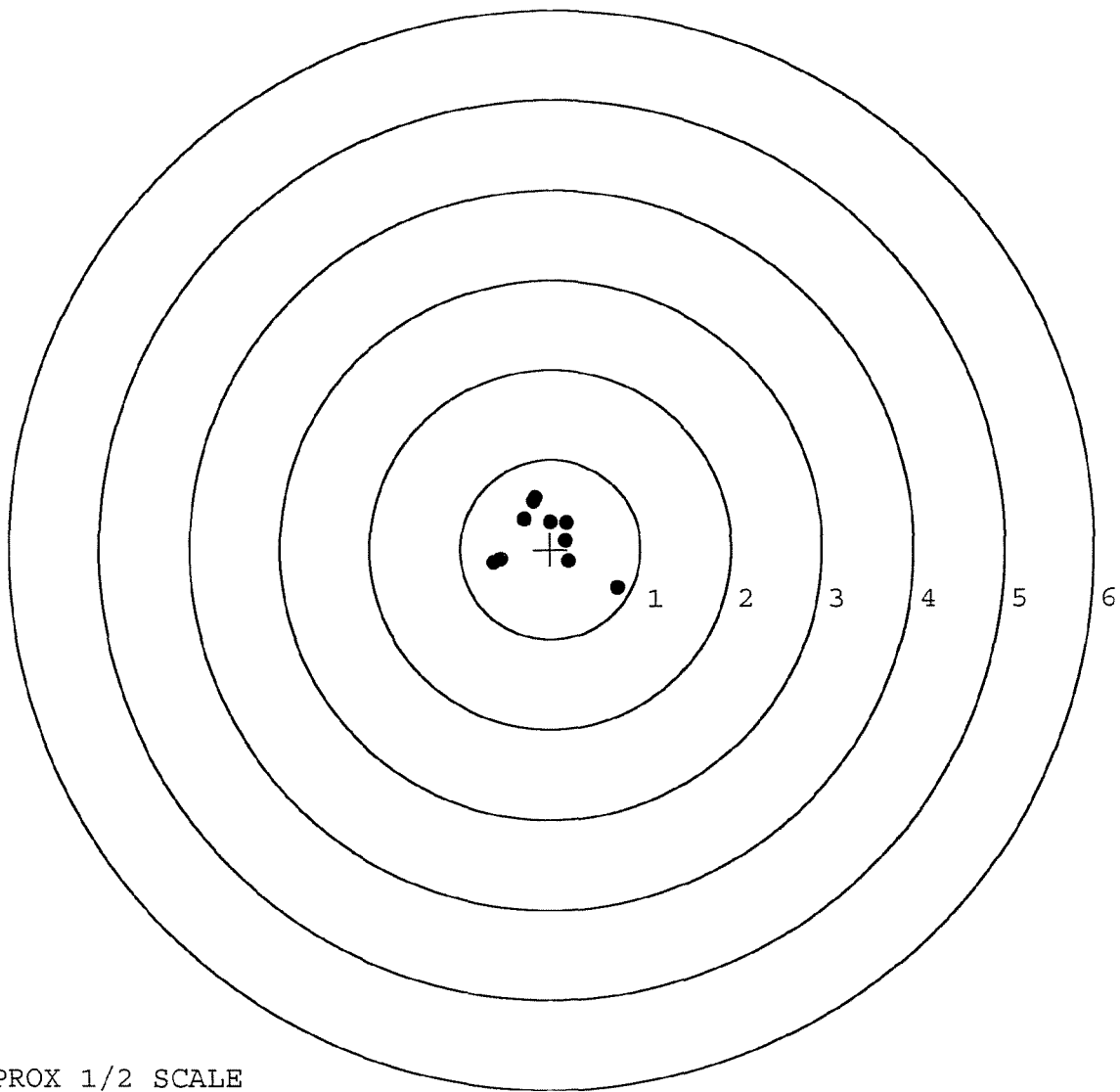
MAX RADIUS: 0.979

MEAN RADIUS: 0.444

IN 1 IN DIAMETER: 7

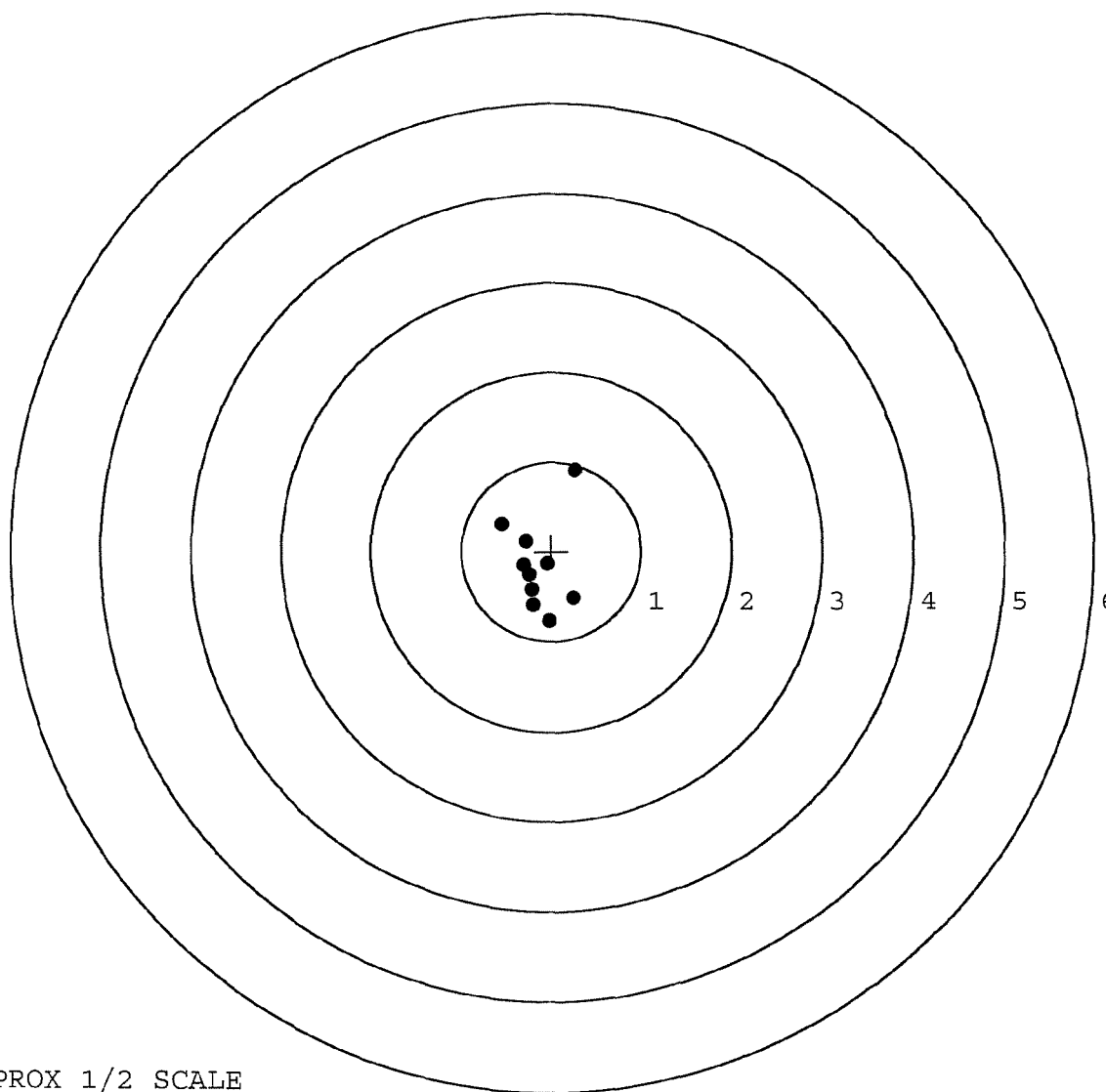
IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521366. __ 0	POINT#	X	Y
TARGET NUMBER: 2	1:	-0.048	-0.146
FILE DATE: 01/30/2006	2:	-0.308	-0.155
FILE TIME: 22:42	3:	-0.282	0.114
	4:	-0.555	0.307
X CENTROID: -0.140	5:	0.259	0.912
Y CENTROID: -0.157	6:	-0.247	-0.264
POA TO CENTROID: 0.210	7:	-0.222	-0.427
HORZ SPREAD: 0.814	8:	-0.211	-0.604
VERT SPREAD: 1.693	9:	-0.025	-0.781
GROUP SPREAD: 1.717	10:	0.242	-0.522
MIN RADIUS: 0.092			
MAX RADIUS: 1.141			
MEAN RADIUS: 0.438			
# IN 1 IN DIAMETER: 6			
# IN 2 IN DIAMETER: 9			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521366. __0

TARGET NUMBER: 3

FILE DATE: 01/30/2006

FILE TIME: 22:42

POINT#	X	Y
1:	0.201	-0.419
2:	-0.341	-0.334
3:	-0.261	-0.468
4:	0.195	-0.832
5:	-1.019	0.064
6:	-0.731	0.757
7:	0.389	0.216
8:	0.205	0.363
9:	-0.117	0.541
10:	0.219	0.843

X CENTROID: -0.126

Y CENTROID: 0.073

POA TO CENTROID: 0.146

HORZ SPREAD: 1.408

VERT SPREAD: 1.675

GROUP SPREAD: 1.839

MIN RADIUS: 0.440

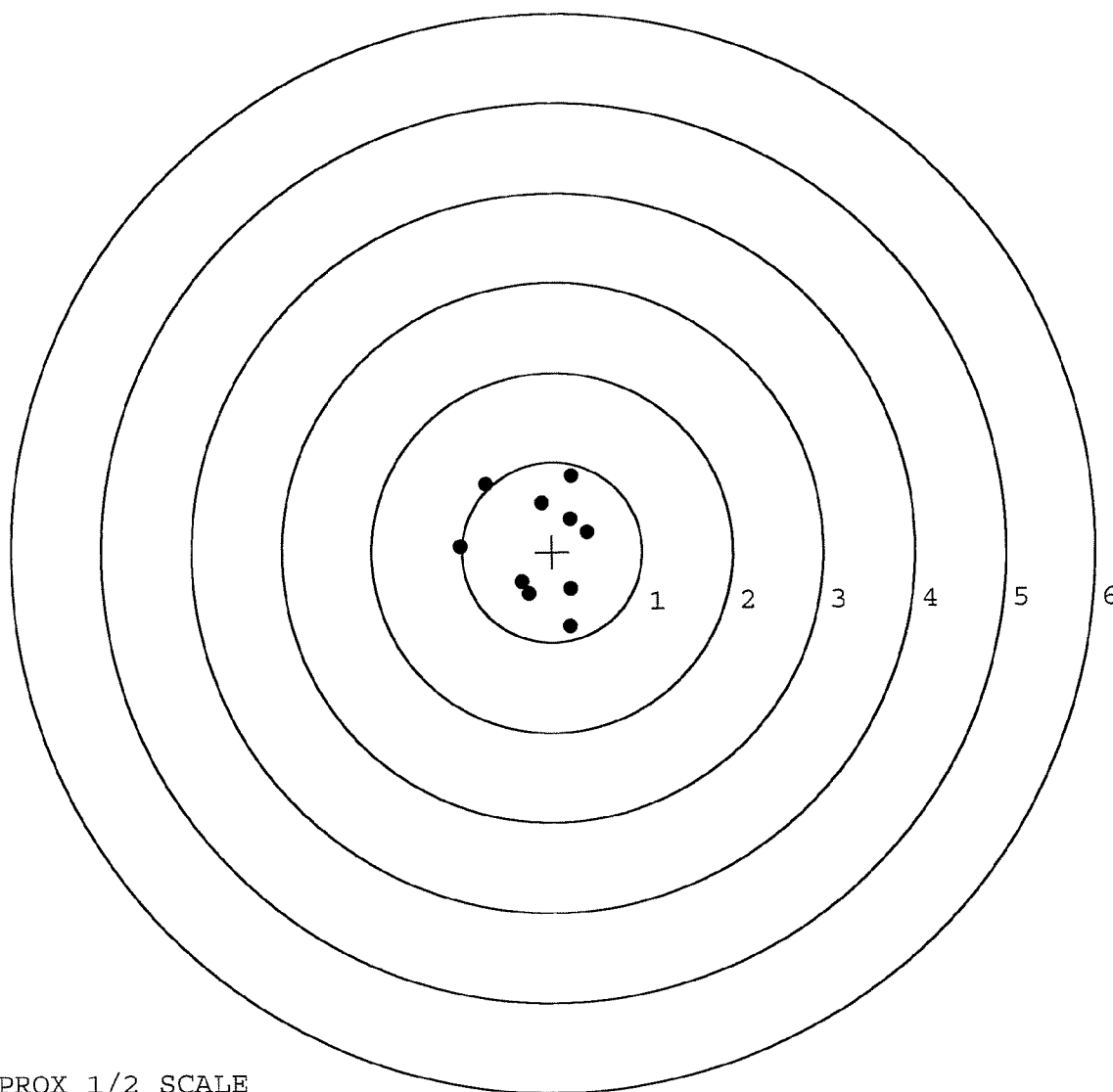
MAX RADIUS: 0.960

MEAN RADIUS: 0.666

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521366. __0

TARGET NUMBER: 4

FILE DATE: 01/30/2006

FILE TIME: 22:42

POINT#	X	Y
1:	-0.425	0.461
2:	-0.564	-0.456
3:	0.331	0.582
4:	0.724	0.243
5:	0.304	0.036
6:	0.297	-0.318
7:	0.660	-0.473
8:	0.565	-0.209
9:	0.384	-0.160
10:	0.318	0.045

X CENTROID: 0.259

Y CENTROID: -0.025

POA TO CENTROID: 0.261

HORZ SPREAD: 1.288

VERT SPREAD: 1.055

GROUP SPREAD: 1.465

MIN RADIUS: 0.075

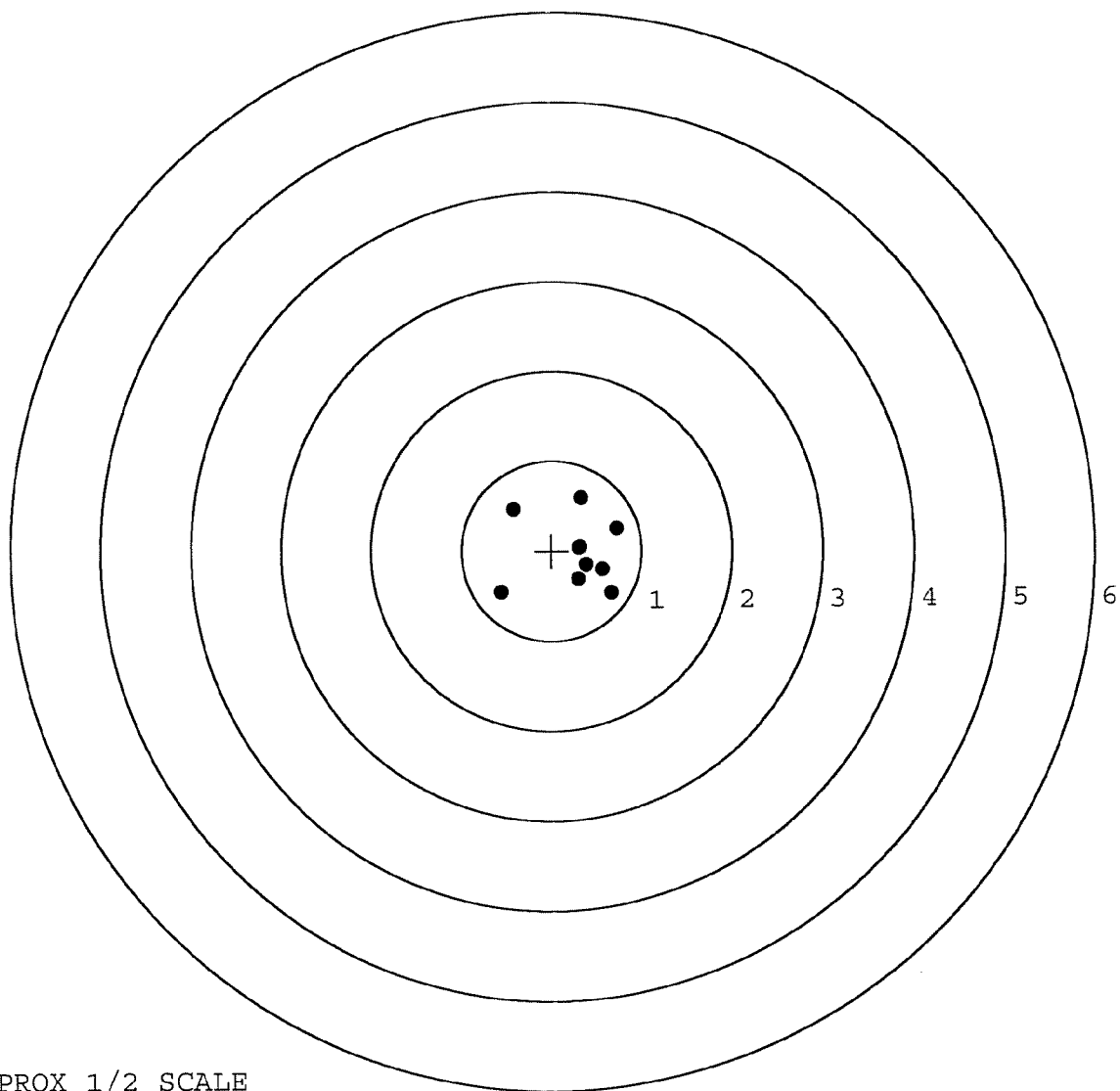
MAX RADIUS: 0.929

MEAN RADIUS: 0.452

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521366. __0

TARGET NUMBER: 5

FILE DATE: 01/30/2006

FILE TIME: 22:42

POINT#	X	Y
1:	-0.168	0.594
2:	-0.700	0.402
3:	0.225	-0.117
4:	0.033	-0.253
5:	0.306	-0.358
6:	0.516	-0.402
7:	0.401	-0.771
8:	1.147	-0.571
9:	0.156	-1.315
10:	0.017	-1.112

X CENTROID: 0.193

Y CENTROID: -0.390

POA TO CENTROID: 0.436

HORZ SPREAD: 1.847

VERT SPREAD: 1.909

GROUP SPREAD: 2.088

MIN RADIUS: 0.117

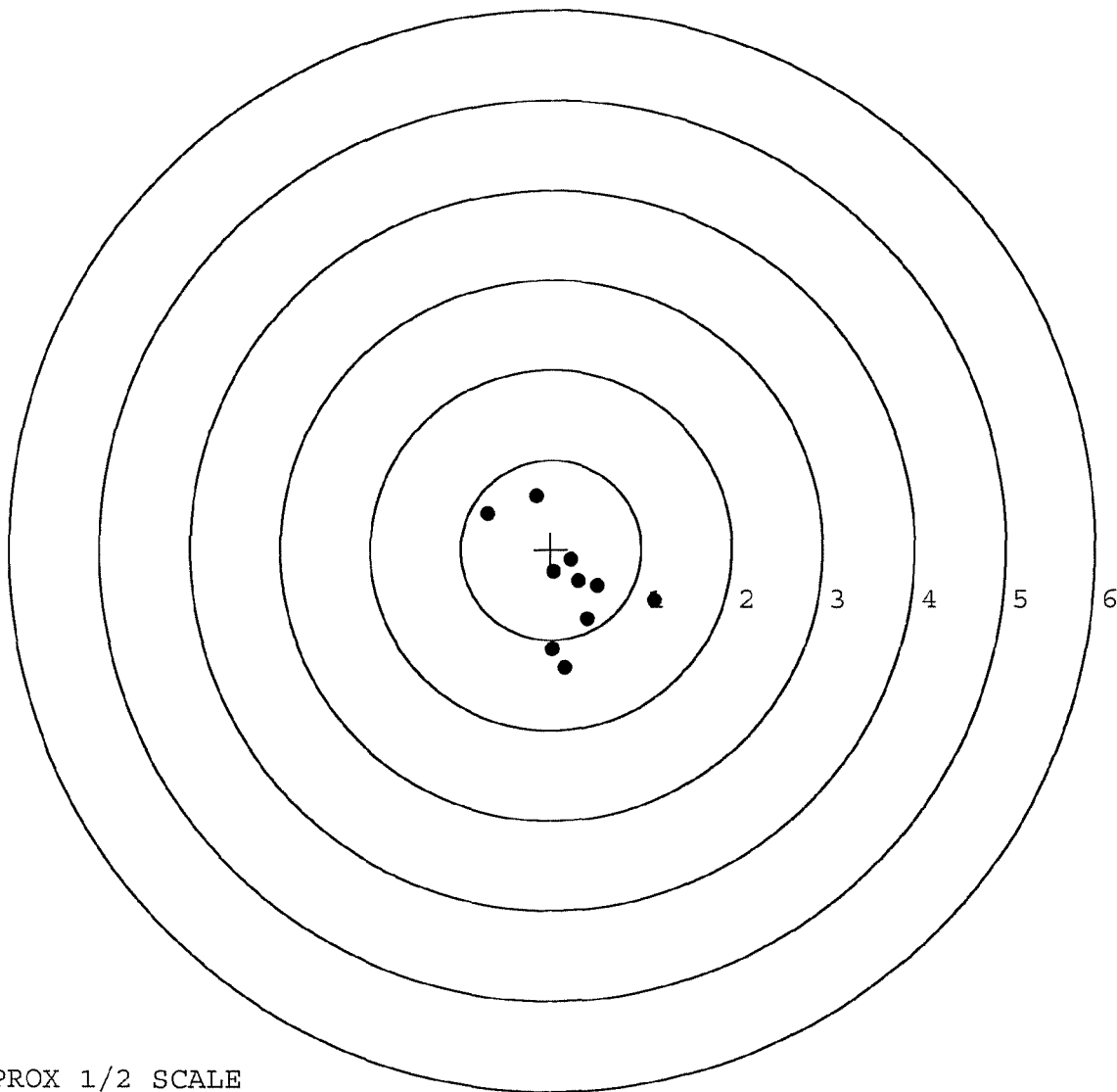
MAX RADIUS: 1.194

MEAN RADIUS: 0.624

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE