

G652 1439

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

G6521439

UPC



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

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SERIAL NO.



M-24
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6521439

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420 & 430	ASSEMBLE ACTION ASSEMBLE TO STOCK		1-12-06	RTZ
440	PROOF		1-12-06	AC
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	1-12-06	AC
470	DIS-ASSEMBLE ACTION	JAN 13 2006	1-13-06	RTZ
480 & 490	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	480 OPERATOR <i>unus</i>	1/18/06	<i>unus</i>
500	ROLLMARK CALIBER		1-18-06	CW
510	DRILL AND TAP SIGHT HOLES		1-16-06	TRW
520	GOFF BLAST BBL / REC		1-18-06	DG
530 & 540	APPLY COATINGS (BARREL ACTION)		1/19	HT
	(BOLT)			
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		1/25/06	MJD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		1/25/06	MJD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		1/25/06	MJD
	D) OIL FIRING PIN ASSEMBLY		1-27-06	AC
	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>5.5</u> <u>5.5</u> <u>5.5</u>	2/3/06	OA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.0</u> <u>2.0</u> <u>2.0</u>	2/3/06	OA
	H) TRIGGER PULL TEST AND RETAINABILITY		3/14/06	MD
	I) FIRING PIN INDENT .020 MIN	<u>.021</u> <u>.022</u> <u>.022</u>	3-14-06	OA
	J) ASSEMBLE STOCK		1-30-06	BG
	K) ASSEMBLE SWIVEL STUDS		3/14/06	MD
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		1-30-06	BG
	M) IRON SIGHT ALIGNMENT		1-30-06	BG
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		1-30-06	BG
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	1-30-06	MD
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION NA		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		1/30/06	MD
670	FINAL INSPECTION A) HEADSPACE		3/14/06	MD
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.83</u> <u>2.80</u> <u>2.74</u> <u>2.82</u> <u>2.85</u>	2/3/06	OA
	C) FUNCTION		3/14/06	MD
690	PACK		3-28-06	OA

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 1-20-06

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.29	2.56		2.81	
PULL #2	2.81	2.83		2.39	
PULL #3	2.59	2.43		2.32	
PULL #4	2.79	2.37		2.39	
PULL #5	2.60	2.30		2.28	
TOTAL	13.08	12.49		12.19	
AVERAGE	2.61	2.49		2.43	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.17	3.23		
PULL #2	3.49	3.46		
PULL #3	3.11	3.40		
PULL #4	3.06	3.30		
PULL #5	3.45	3.31		
TOTAL	16.28	16.70		
AVERAGE	3.25	3.34		

	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	4.35	4.24		3.99
PULL #2	4.06	3.99		3.99
PULL #3	3.96	3.97		4.07
PULL #4	4.07	3.95		4.26
PULL #5	3.91	3.97		4.00
TOTAL	20.35	20.12		20.31
AVERAGE	4.07	4.02		4.06

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6521439.___0
FILE DATE AND TIME: 01/30/2006 22:55

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.013
The Average Y Centroid of the Five Target Set:	0.153
The Average Point of Impact of the Five Target Set:	0.154
The Average Mean Radius of the Five Target Set:	0.631
The Distance from POA to Centroid Target #1:	0.125
The Distance from Centroid Target #2 to Centroid Target #1:	0.079
The Distance from Centroid Target #3 to Centroid Target #1:	0.073
The Distance from Centroid Target #4 to Centroid Target #1:	0.156
The Distance from Centroid Target #5 to Centroid Target #1:	0.329

SERIAL NUMBER: G6521439. 0

TARGET NUMBER: 1

FILE DATE: 01/30/2006

FILE TIME: 22:55

POINT#	X	Y
1:	0.226	0.223
2:	0.605	0.200
3:	0.262	1.021
4:	-0.042	0.910
5:	-1.140	0.648
6:	-0.430	0.171
7:	-0.144	-0.298
8:	0.376	-0.238
9:	-0.546	-0.840
10:	-0.082	-0.943

X CENTROID: -0.092

Y CENTROID: 0.085

POA TO CENTROID: 0.125

HORZ SPREAD: 1.745

VERT SPREAD: 1.964

GROUP SPREAD: 1.911

MIN RADIUS: 0.346

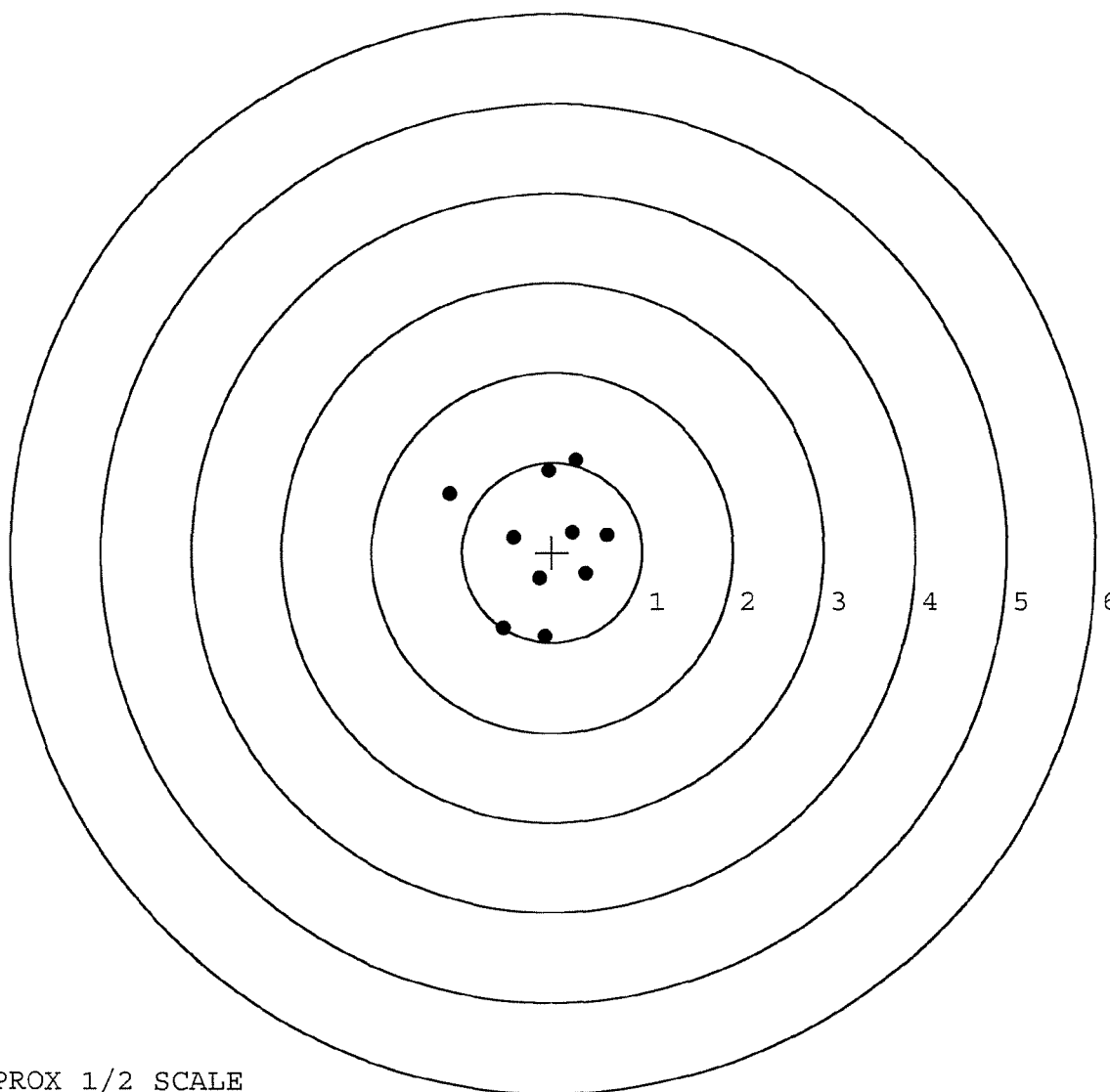
MAX RADIUS: 1.190

MEAN RADIUS: 0.743

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521439. __ 0

TARGET NUMBER: 2

FILE DATE: 01/30/2006

FILE TIME: 22:55

POINT#	X	Y
1:	0.556	-0.605
2:	0.491	-0.146
3:	0.577	0.263
4:	-0.197	0.575
5:	-0.367	0.362
6:	-0.543	0.210
7:	-0.663	-0.064
8:	-0.525	-0.169
9:	-0.754	1.158
10:	0.487	0.055

X CENTROID: -0.094

Y CENTROID: 0.164

POA TO CENTROID: 0.189

HORZ SPREAD: 1.331

VERT SPREAD: 1.763

GROUP SPREAD: 2.196

MIN RADIUS: 0.337

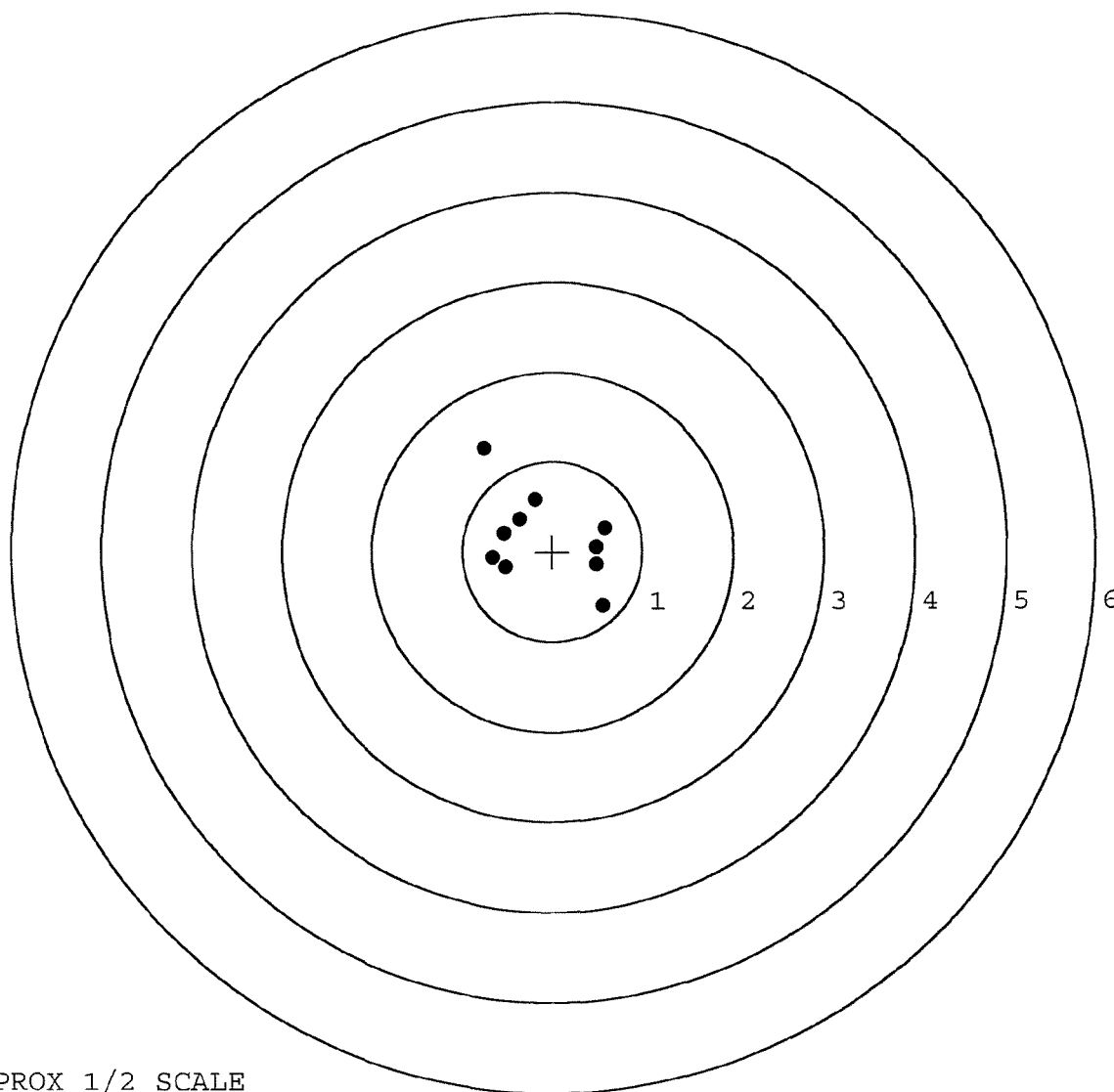
MAX RADIUS: 1.193

MEAN RADIUS: 0.650

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

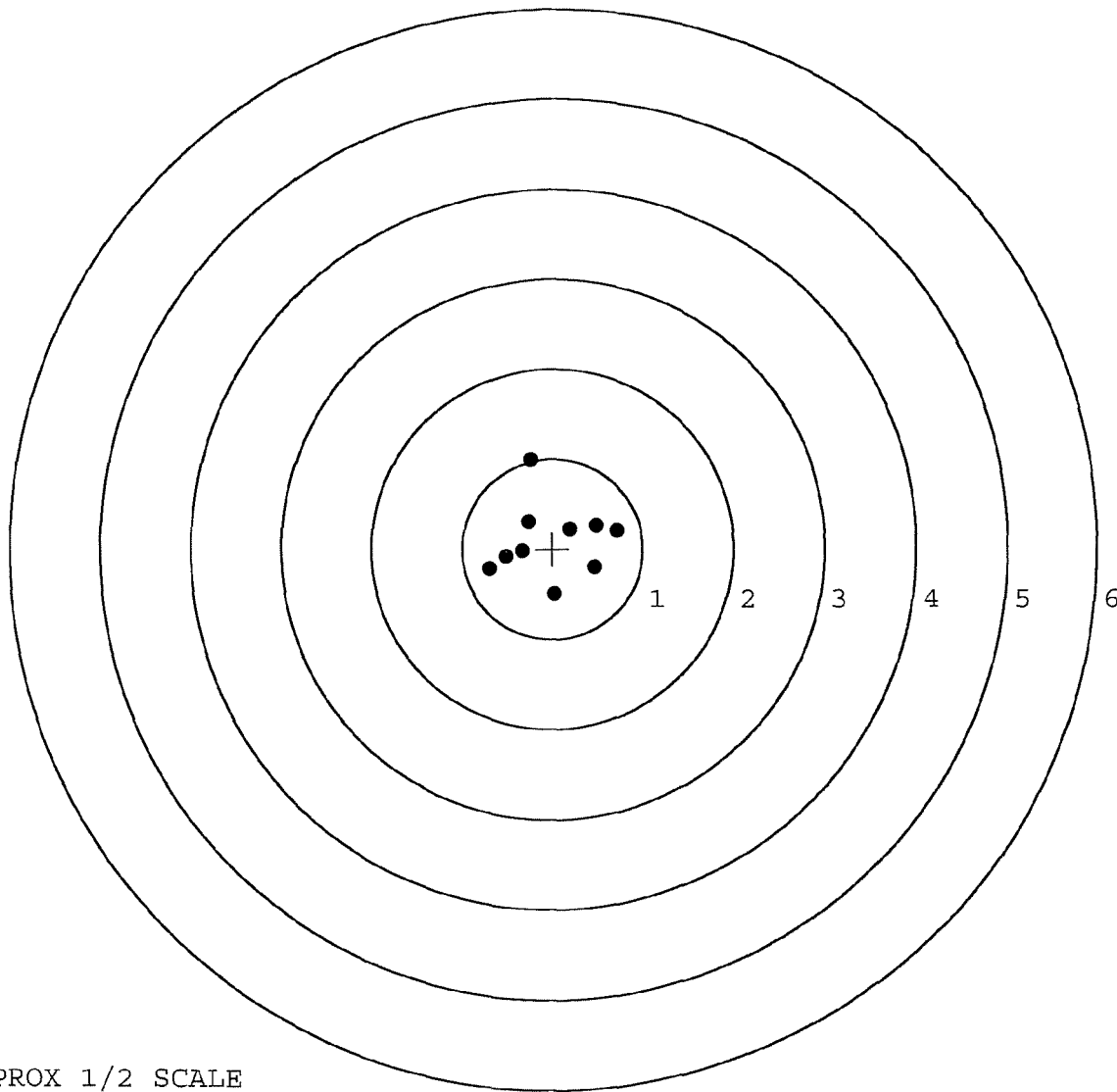


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521439.___0
TARGET NUMBER: 3
FILE DATE: 01/30/2006
FILE TIME: 22:55

X CENTROID: -0.019
Y CENTROID: 0.096
POA TO CENTROID: 0.098
HORZ SPREAD: 1.404
VERT SPREAD: 1.488
GROUP SPREAD: 1.513
MIN RADIUS: 0.246
MAX RADIUS: 0.923
MEAN RADIUS: 0.554
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.470	-0.203
2:	0.190	0.224
3:	0.480	0.260
4:	0.709	0.205
5:	-0.249	0.990
6:	-0.271	0.302
7:	-0.340	-0.023
8:	-0.515	-0.083
9:	-0.695	-0.214
10:	0.026	-0.498

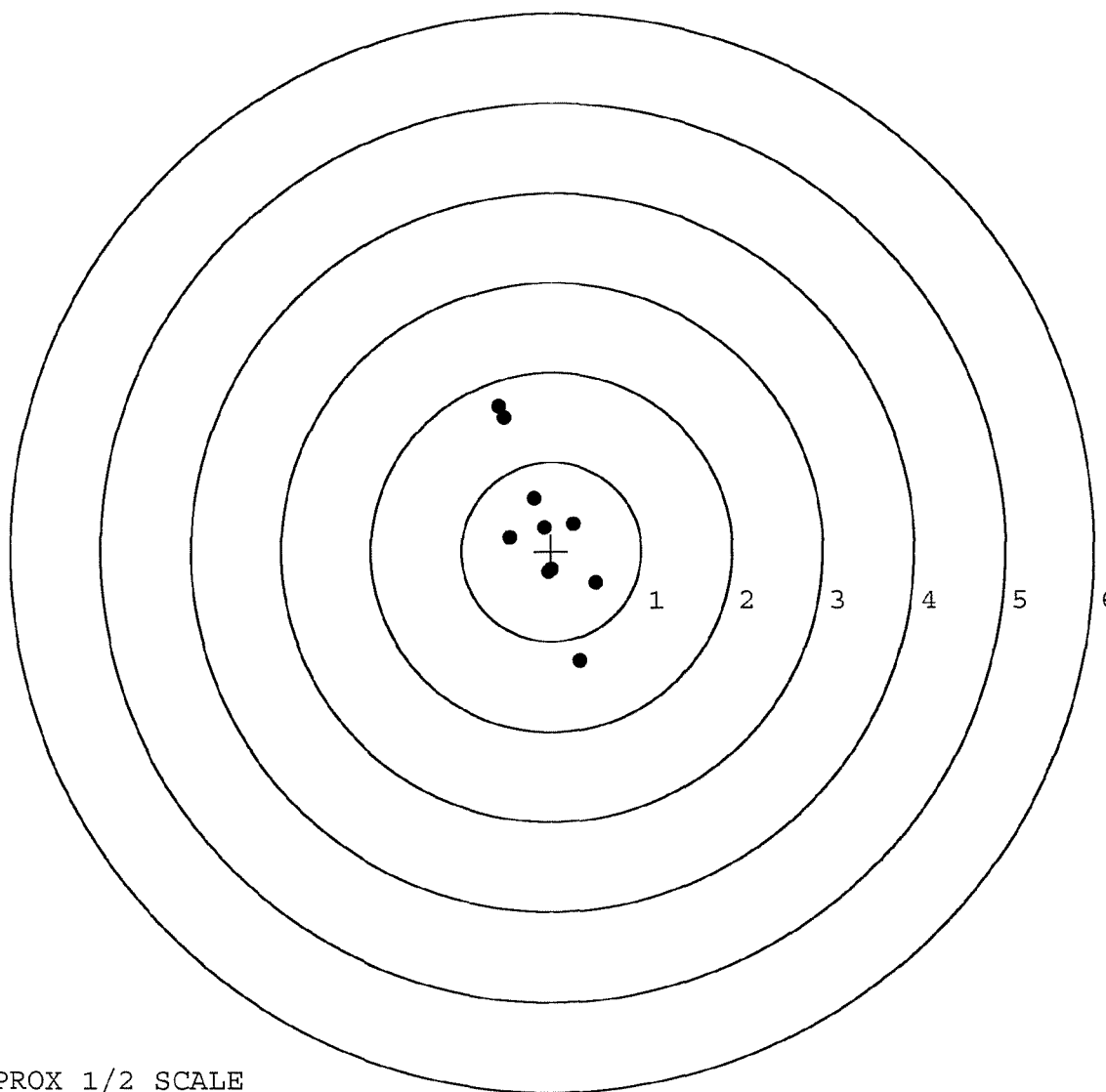


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521439. __0
TARGET NUMBER: 4
FILE DATE: 01/30/2006
FILE TIME: 22:55

X CENTROID: -0.085
Y CENTROID: 0.242
POA TO CENTROID: 0.256
HORZ SPREAD: 1.085
VERT SPREAD: 2.837
GROUP SPREAD: 2.981
MIN RADIUS: 0.023
MAX RADIUS: 1.515
MEAN RADIUS: 0.721
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.324	-1.217
2:	0.494	-0.358
3:	-0.036	-0.236
4:	-0.473	0.158
5:	-0.085	0.265
6:	0.240	0.305
7:	-0.198	0.591
8:	-0.532	1.498
9:	-0.591	1.620
10:	0.005	-0.210



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521439. __0

TARGET NUMBER: 5

FILE DATE: 01/30/2006

FILE TIME: 22:55

POINT#	X	Y
1:	0.228	0.913
2:	-0.240	0.830
3:	-0.109	0.265
4:	-0.441	-0.183
5:	0.191	-0.385
6:	0.580	-0.045
7:	0.832	0.035
8:	0.357	0.270
9:	0.358	0.111
10:	0.491	-0.031

X CENTROID: 0.225

Y CENTROID: 0.178

POA TO CENTROID: 0.287

HORZ SPREAD: 1.273

VERT SPREAD: 1.298

GROUP SPREAD: 1.335

MIN RADIUS: 0.149

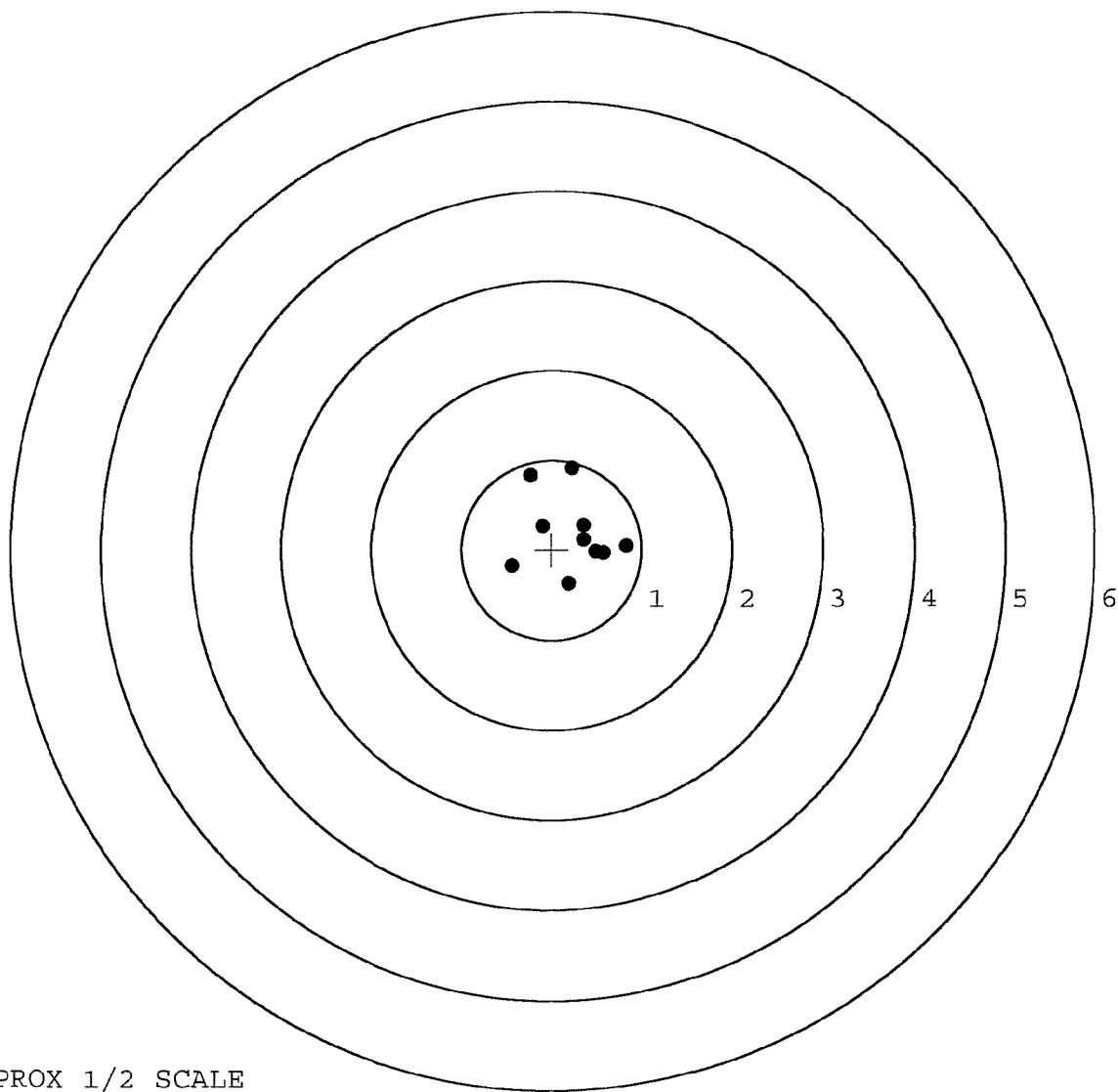
MAX RADIUS: 0.801

MEAN RADIUS: 0.489

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE