

G64C1664

ORDER 25716

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

UPC



0 47700 25716 7

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SERIAL NO.



66461664

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6461604

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420 & 430	ASSEMBLE ACTION ASSEMBLE TO STOCK		9-9-05	RTZ
440	PROOF		9-12-05	RTZ
460	CHECK HEADSPACE		9-13-05	RTZ
470	DIS-ASSEMBLE ACTION		9-13-05	RTZ
480 & 490	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	4180	9/14/05	und
500	ROLLMARK CALIBER		9-14-05	CW
510	DRILL AND TAP SIGHT HOLES		9-13-05	TRW
520	GOFF BLAST BBL / REC		9-19-05	LB
530 & 540	APPLY COATINGS (BARREL ACTION)		9/20	HP
	(BOLT)			
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9-22-05	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9-22-05	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9-22-05	DA
	D) OIL FIRING PIN ASSEMBLY		9-23-05	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS	2-21-00	MM

REV-8405

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>5.5</u> <u>6.0</u> <u>5.5</u>	1-31-06	DA
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.0</u> <u>2.0</u> <u>2.0</u>	1-31-06	DA
	H) TRIGGER PULL TEST AND RETAINABILITY			MM
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.023</u> <u>.023</u>	2-21-06	MM
	J) ASSEMBLE STOCK		9-23-05	RTZ
	K) ASSEMBLE SWIVEL STUDS		2-21-06	MM
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		10-3-05	RTZ
	M) IRON SIGHT ALIGNMENT		10-3-05	RTZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		10-3-05	RTZ
640 & 650	FUNCTION TEST AND TARGET	PASS FAIL <u>PASS</u> FAIL	10-5-05	TRW
	MALFUNCTION <u>RIC</u>	CORRECTION <u>OK new barrel</u>	12-27-05	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION <u>N/A</u>		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		10-05-05	R.P.
670	FINAL INSPECTION A) HEADSPACE		2-21-06	MM
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.34</u> <u>2.35</u> <u>2.26</u> <u>2.18</u> <u>2.18</u>	1-31-06	DA
	C) FUNCTION		2-21-06	MM
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)

SERIAL NO. _____

DATE

9/19/05

TESTER

BG

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS	COMMENTS
PULL #1	2.36	2.62	2.41	
PULL #2	2.45	2.67	2.39	
PULL #3	2.42	2.52	2.40	
PULL #4	2.59	2.41	2.45	
PULL #5	2.39	2.55	2.38	
TOTAL	12.21	12.77	12.03	
AVERAGE	2.44	2.55	2.41	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES	COMMENTS
PULL #1	3.08	2.81	
PULL #2	3.09	2.61	
PULL #3	3.03	2.69	
PULL #4	3.04	2.52	
PULL #5	2.95	2.65	
TOTAL	15.19	13.28	
AVERAGE	3.04	2.66	

	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	4.16	3.55		4.22
PULL #2	3.98	3.53		4.27
PULL #3	4.17	3.49		4.26
PULL #4	4.19	3.67		4.27
PULL #5	4.26	3.65		4.29
TOTAL	20.76	17.89		21.31
AVERAGE	4.15	3.58		4.26

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6461664.__0
FILE DATE AND TIME: 12/27/2005 14:20

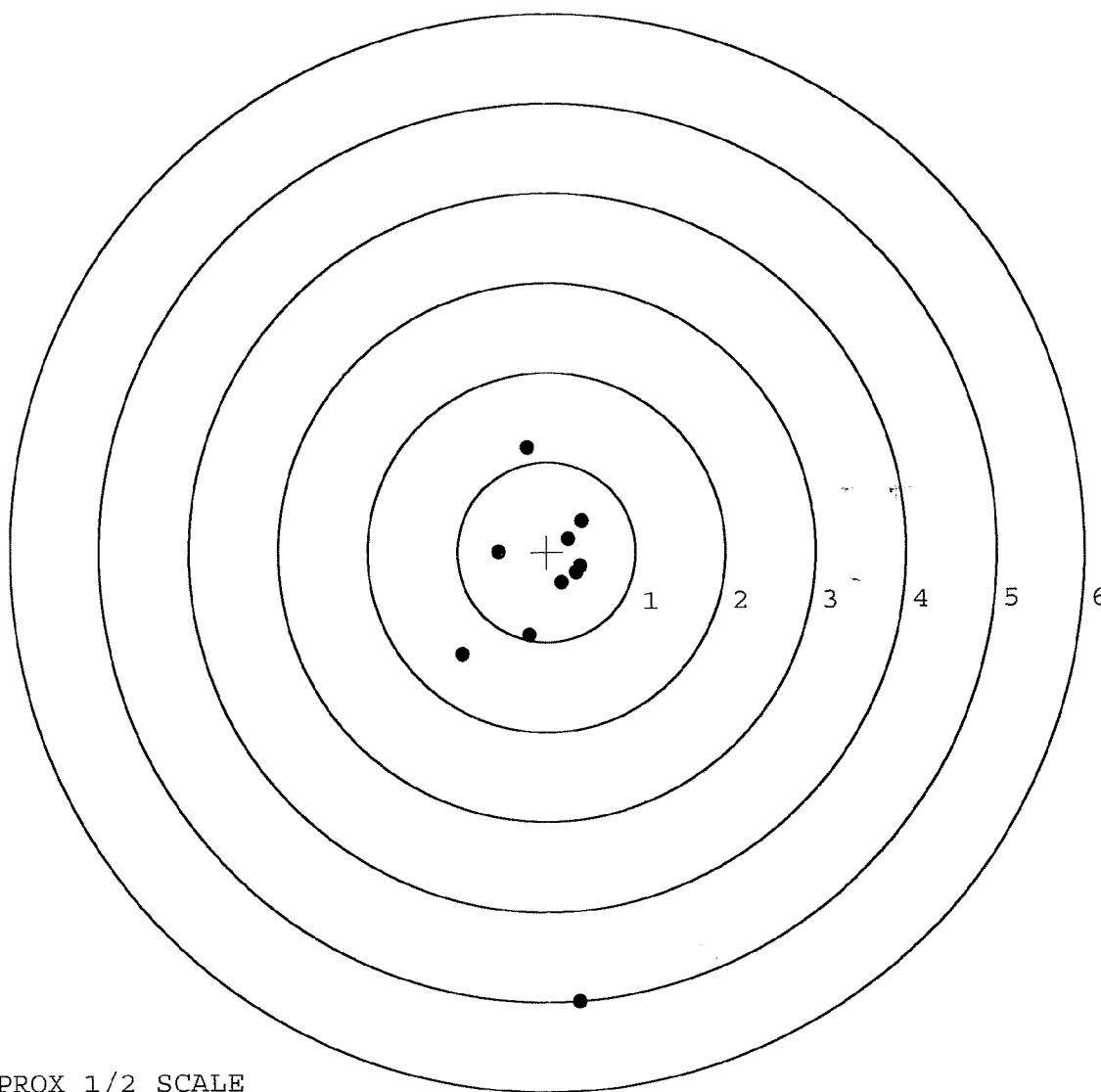
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.017
The Average Y Centroid of the Five Target Set:	-0.180
The Average Point of Impact of the Five Target Set:	0.180
The Average Mean Radius of the Five Target Set:	0.887
The Distance from POA to Centroid Target #1:	0.616
The Distance from Centroid Target #2 to Centroid Target #1:	0.442
The Distance from Centroid Target #3 to Centroid Target #1:	0.627
The Distance from Centroid Target #4 to Centroid Target #1:	0.671
The Distance from Centroid Target #5 to Centroid Target #1:	0.488

SERIAL NUMBER: G6461664. __0
 TARGET NUMBER: 1
 FILE DATE: 12/27/2005
 FILE TIME: 14:20

X CENTROID: -0.005
 Y CENTROID: -0.616
 POA TO CENTROID: 0.616
 HORZ SPREAD: 1.349
 VERT SPREAD: 6.170
 GROUP SPREAD: 6.196
 MIN RADIUS: 0.322
 MAX RADIUS: 4.402
 MEAN RADIUS: 1.172
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.203	-0.930
2:	-0.951	-1.138
3:	-0.540	-0.003
4:	-0.218	1.166
5:	0.398	0.342
6:	0.245	0.146
7:	0.375	-0.165
8:	0.330	-0.233
9:	0.163	-0.341
10:	0.347	-5.004



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461664. 0

TARGET NUMBER: 2

FILE DATE: 12/27/2005

FILE TIME: 14:20

POINT#	X	Y
1:	1.765	0.385
2:	0.962	0.147
3:	0.430	0.593
4:	0.075	0.083
5:	-0.200	-0.136
6:	-0.282	-0.704
7:	-0.212	-1.585
8:	-1.063	-0.511
9:	-1.555	-1.018
10:	-1.040	0.873

X CENTROID: -0.112

Y CENTROID: -0.187

POA TO CENTROID: 0.218

HORZ SPREAD: 3.320

VERT SPREAD: 2.458

GROUP SPREAD: 3.604

MIN RADIUS: 0.102

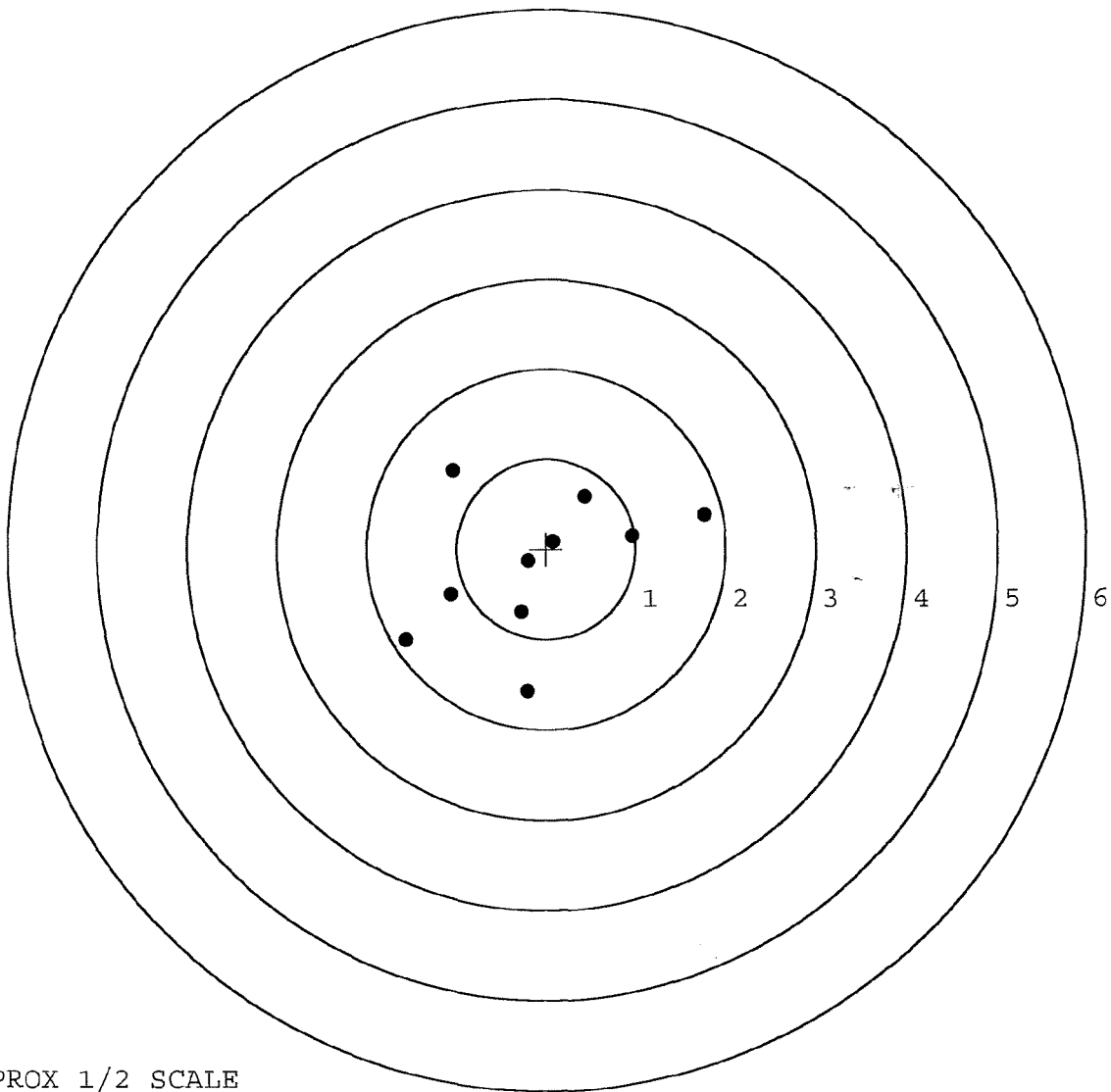
MAX RADIUS: 1.962

MEAN RADIUS: 1.049

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461664. 0

TARGET NUMBER: 3

FILE DATE: 12/27/2005

FILE TIME: 14:20

POINT#	X	Y
1:	1.286	0.831
2:	0.429	0.430
3:	0.641	-0.211
4:	0.441	-0.563
5:	0.165	-0.382
6:	-0.522	-0.491
7:	-0.589	-0.180
8:	-0.502	0.147
9:	-1.001	0.707
10:	-1.629	-0.301

X CENTROID: -0.128

Y CENTROID: -0.001

POA TO CENTROID: 0.128

HORZ SPREAD: 2.915

VERT SPREAD: 1.394

GROUP SPREAD: 3.127

MIN RADIUS: 0.402

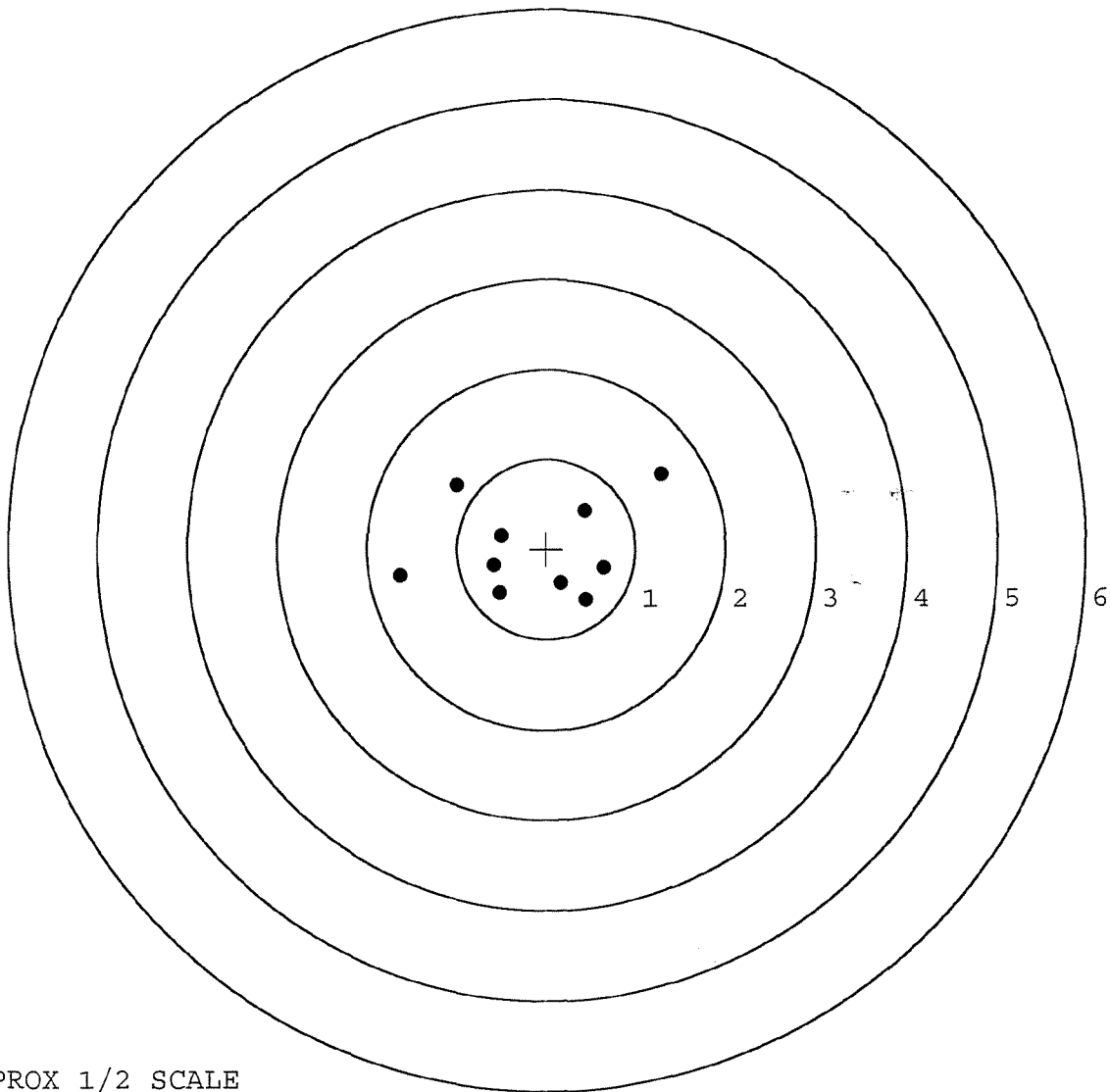
MAX RADIUS: 1.641

MEAN RADIUS: 0.860

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461664. 0

TARGET NUMBER: 4

FILE DATE: 12/27/2005

FILE TIME: 14:20

X CENTROID: 0.156

Y CENTROID: 0.035

POA TO CENTROID: 0.160

HORZ SPREAD: 1.948

VERT SPREAD: 2.146

GROUP SPREAD: 2.120

MIN RADIUS: 0.308

MAX RADIUS: 1.391

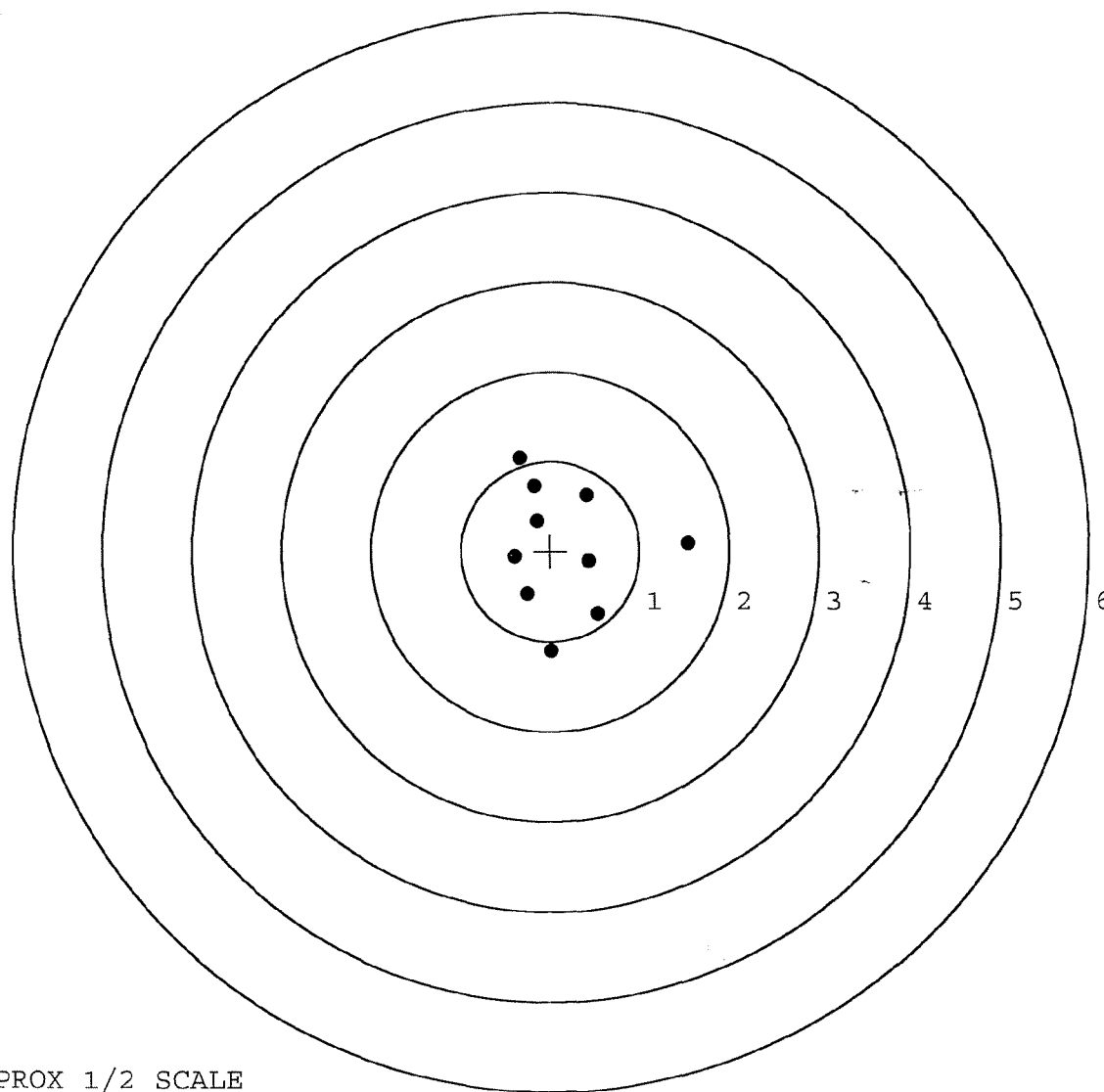
MEAN RADIUS: 0.786

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.546	0.087
2:	0.530	-0.691
3:	0.428	-0.111
4:	0.015	-1.110
5:	-0.262	-0.478
6:	-0.402	-0.062
7:	-0.157	0.331
8:	0.402	0.621
9:	-0.187	0.725
10:	-0.350	1.036



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461664. 0

TARGET NUMBER: 5

FILE DATE: 12/27/2005

FILE TIME: 14:20

POINT#	X	Y
1:	1.350	-0.014
2:	0.455	-0.511
3:	0.018	-0.765
4:	-0.628	-0.297
5:	-0.831	-0.126
6:	-0.422	0.425
7:	0.020	0.196
8:	0.166	0.068
9:	-0.209	-0.149
10:	0.108	-0.107

X CENTROID: 0.003

Y CENTROID: -0.128

POA TO CENTROID: 0.128

HORZ SPREAD: 2.181

VERT SPREAD: 1.190

GROUP SPREAD: 2.184

MIN RADIUS: 0.107

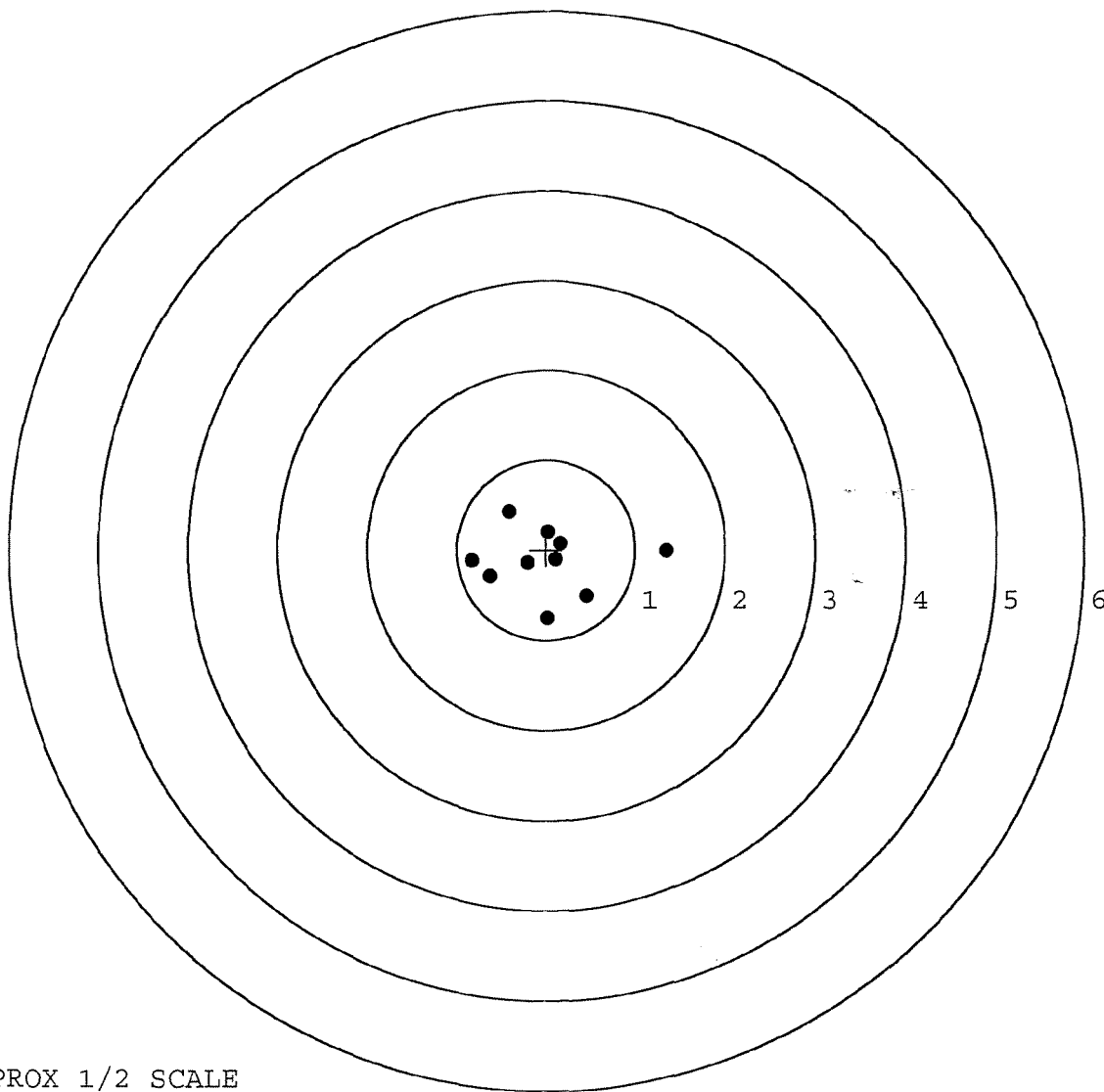
MAX RADIUS: 1.352

MEAN RADIUS: 0.567

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE