

G 652 1342

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

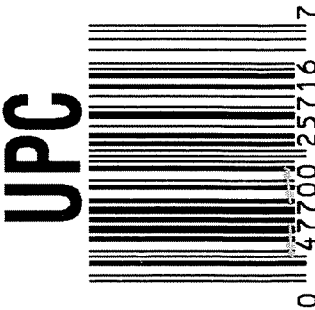
- INSTRUCTION BOOK 3518

DD FORM



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6521342



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

UPC



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

UPC



SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6521342

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420 & 430	ASSEMBLE ACTION ASSEMBLE TO STOCK		11/8/05	CD
440	PROOF		11/8/05	CD
460	CHECK HEADSPACE		11/8/05	CD
470	DIS-ASSEMBLE ACTION	MAGNA-FLUX INSPECTED	11/8/05	CD
480 & 490	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	DEC 07 2005 w/80	12/7/05	CW
500	ROLLMARK CALIBER	OPERATOR	12-7-05	CW
510	DRILL AND TAP SIGHT HOLES		12-2-05	BR
520	GOFF BLAST BBL / REC		12/8	
530 & 540	APPLY COATINGS (BARREL ACTION)		12/13	HP
	(BOLT)			
560	RE-ASSEMBLE ACTION		12/27/05	RA
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		12/27/05	RA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		12/27/05	RA
	D) OIL FIRING PIN ASSEMBLY		1-4-06	BG
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		1-19-06	YAW
REV-8405				

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>7.0</u> <u>7.0</u> <u>6.5</u>	1-11-06	TRW
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>3.0</u> <u>3.0</u>	1-11-06	TRW
	H) TRIGGER PULL TEST AND RETAINABILITY		1-20-06	AC
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.026</u> <u>.0245</u>	1-11-06	TRW
	J) ASSEMBLE STOCK		1-4-06	BG
	K) ASSEMBLE SWIVEL STUDS		1-20-06	AC
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		1-4-06	BG
	M) IRON SIGHT ALIGNMENT		1-4-06	BG
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		1-4-06	BG
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	1/5/06	mjd
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		1-5-06	mjm
670	FINAL INSPECTION A) HEADSPACE		1-19-06	AC
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.33</u> <u>2.29</u> <u>2.33</u> <u>2.46</u> <u>2.34</u>	1-11-06	TRW
	C) FUNCTION		1-19-06	AC
690	PACK		3-30-06	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 11-14-05TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.59	2.57		2.40	
PULL #2	2.57	2.61		2.57	
PULL #3	2.52	2.55		2.67	
PULL #4	2.53	2.63		2.63	
PULL #5	2.55	2.57		2.62	
TOTAL	12.76	12.93		12.89	
AVERAGE	2.55	2.58		2.57	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.06	3.09		
PULL #2	3.02	2.93		
PULL #3	2.98	3.11		
PULL #4	3.09	2.84		
PULL #5	3.08	3.04		
TOTAL	15.23	15.01		
AVERAGE	3.04	3.00		

	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	4.12		4.13
PULL #2	4.03	4.10		4.09
PULL #3	4.13	4.10		4.12
PULL #4	4.10	4.07		4.12
PULL #5	4.14	4.10		4.08
TOTAL	20.45	20.49		20.54
AVERAGE	4.09	4.09		4.10

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6521342.___0

FILE DATE AND TIME: 01/05/2006 23:15

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.142
The Average Y Centroid of the Five Target Set:	-0.067
The Average Point of Impact of the Five Target Set:	0.157
The Average Mean Radius of the Five Target Set:	0.631
The Distance from POA to Centroid Target #1:	0.063
The Distance from Centroid Target #2 to Centroid Target #1:	0.249
The Distance from Centroid Target #3 to Centroid Target #1:	0.171
The Distance from Centroid Target #4 to Centroid Target #1:	0.071
The Distance from Centroid Target #5 to Centroid Target #1:	0.115

SERIAL NUMBER: G6521342. __0

TARGET NUMBER: 1

FILE DATE: 01/05/2006

FILE TIME: 23:15

X CENTROID: -0.062

Y CENTROID: 0.010

POA TO CENTROID: 0.063

HORZ SPREAD: 1.763

VERT SPREAD: 1.792

GROUP SPREAD: 2.055

MIN RADIUS: 0.620

MAX RADIUS: 1.206

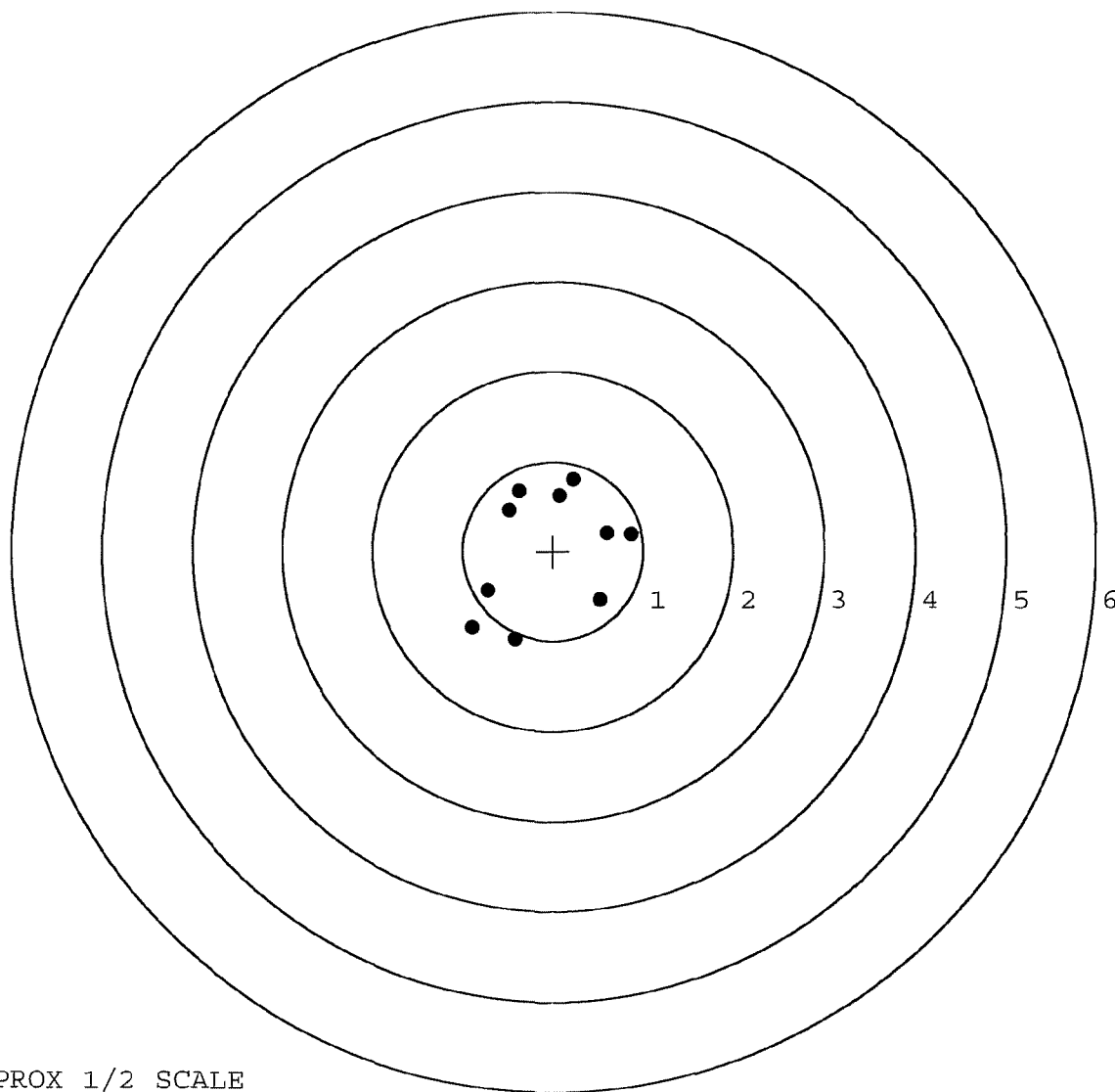
MEAN RADIUS: 0.834

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.490	0.459
2:	-0.381	0.671
3:	0.070	0.623
4:	0.225	0.801
5:	0.601	0.206
6:	0.869	0.193
7:	0.521	-0.550
8:	-0.420	-0.991
9:	-0.894	-0.863
10:	-0.720	-0.449



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521342. 0

TARGET NUMBER: 2

FILE DATE: 01/05/2006

FILE TIME: 23:15

X CENTROID: -0.285

Y CENTROID: -0.099

POA TO CENTROID: 0.302

HORZ SPREAD: 1.317

VERT SPREAD: 2.127

GROUP SPREAD: 2.130

MIN RADIUS: 0.082

MAX RADIUS: 1.160

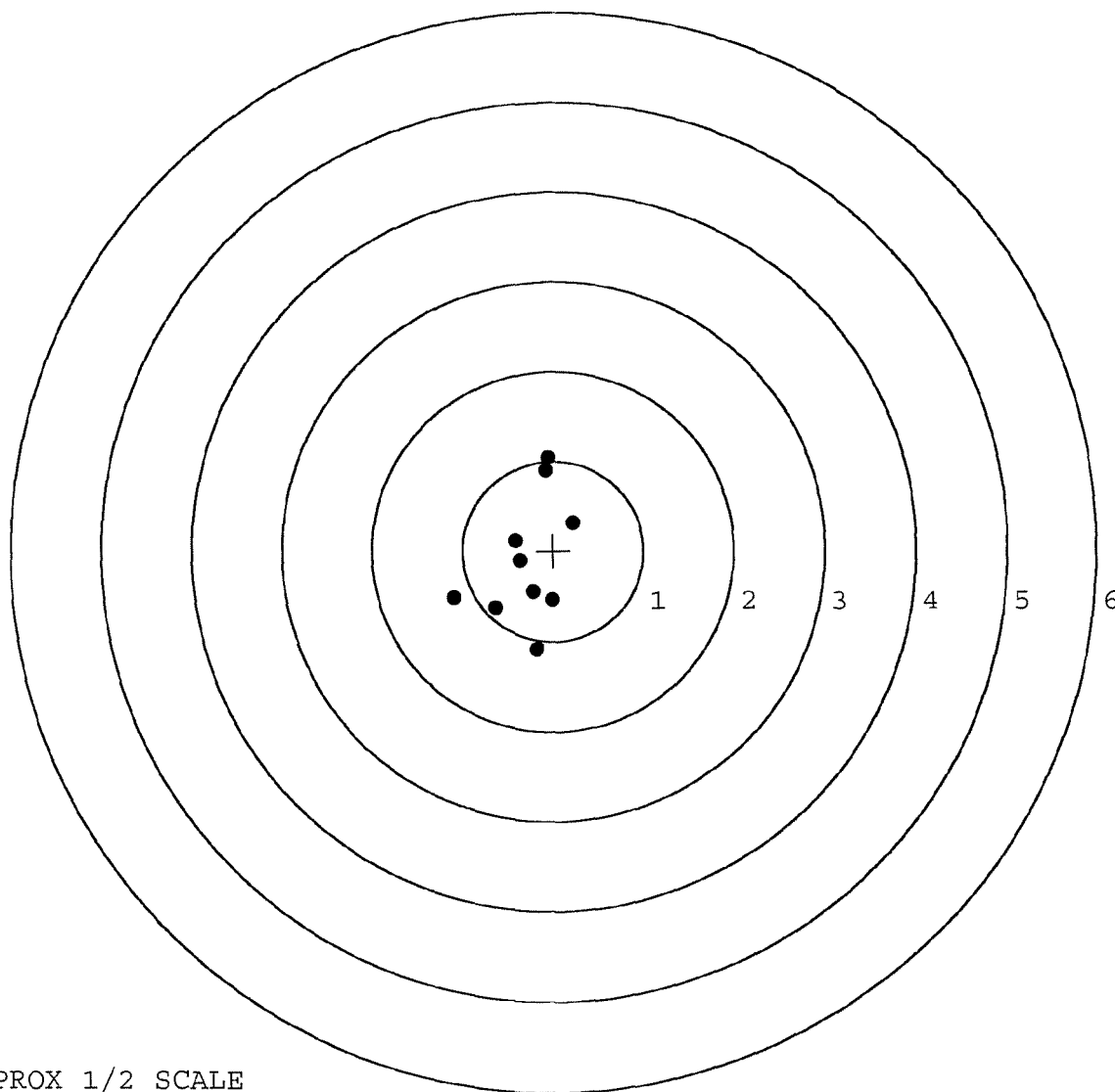
MEAN RADIUS: 0.660

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.064	1.039
2:	-0.088	0.896
3:	0.219	0.315
4:	-0.417	0.120
5:	-0.367	-0.112
6:	-0.226	-0.455
7:	-0.008	-0.547
8:	-0.178	-1.088
9:	-0.628	-0.634
10:	-1.098	-0.527



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521342. __ 0

TARGET NUMBER: 3

FILE DATE: 01/05/2006

FILE TIME: 23:15

POINT#	X	Y
1:	-0.052	0.543
2:	0.463	0.288
3:	-0.709	1.026
4:	-0.478	-0.088
5:	-0.213	-0.186
6:	-0.444	-0.501
7:	0.059	-0.497
8:	0.005	-1.015
9:	-0.204	-0.333
10:	-0.379	-0.208

X CENTROID: -0.195

Y CENTROID: -0.097

POA TO CENTROID: 0.218

HORZ SPREAD: 1.172

VERT SPREAD: 2.041

GROUP SPREAD: 2.162

MIN RADIUS: 0.091

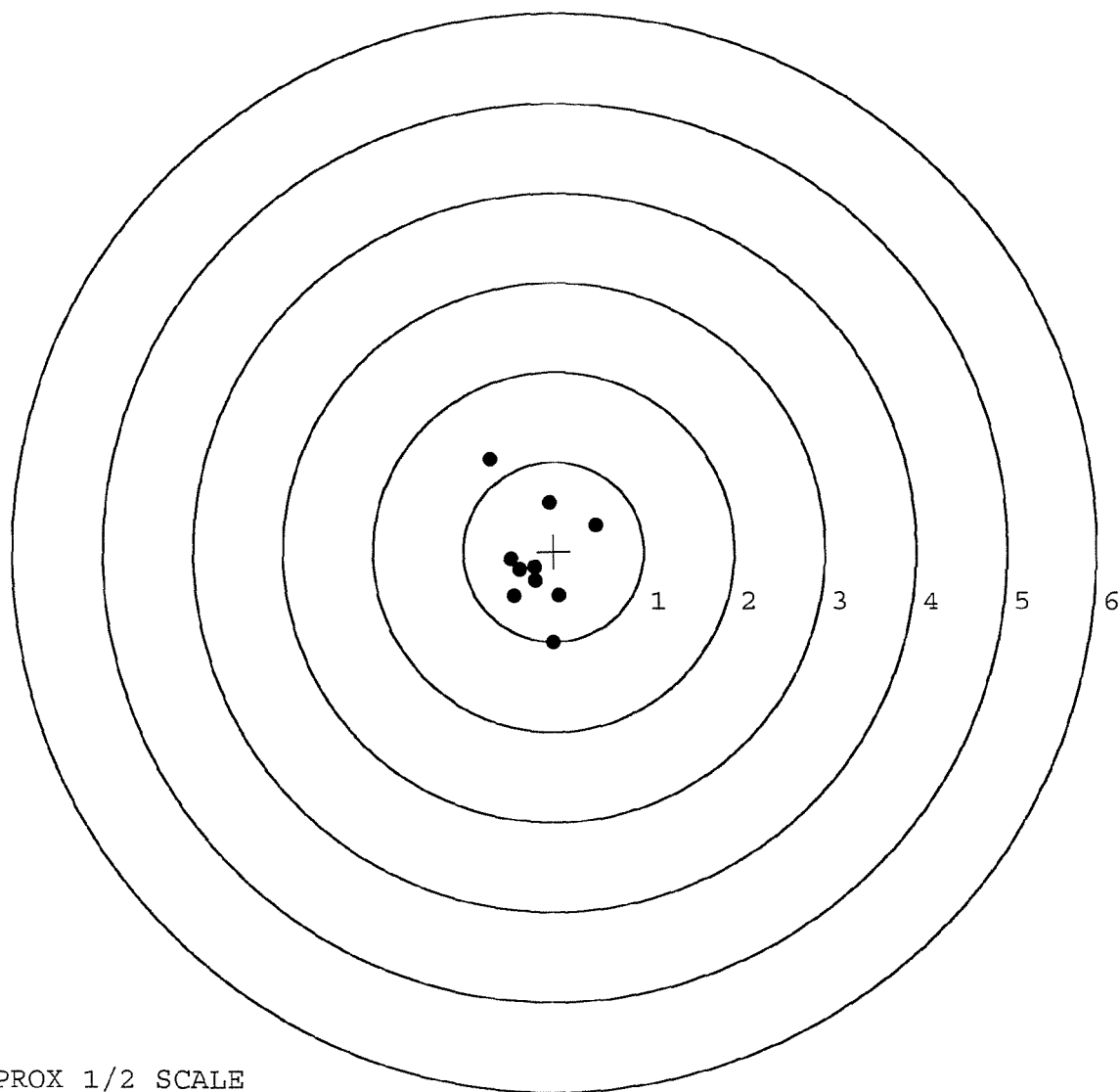
MAX RADIUS: 1.235

MEAN RADIUS: 0.537

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521342. 0

TARGET NUMBER: 4

FILE DATE: 01/05/2006

FILE TIME: 23:15

X CENTROID: -0.047

Y CENTROID: -0.059

POA TO CENTROID: 0.076

HORZ SPREAD: 1.486

VERT SPREAD: 1.642

GROUP SPREAD: 1.808

MIN RADIUS: 0.294

MAX RADIUS: 1.085

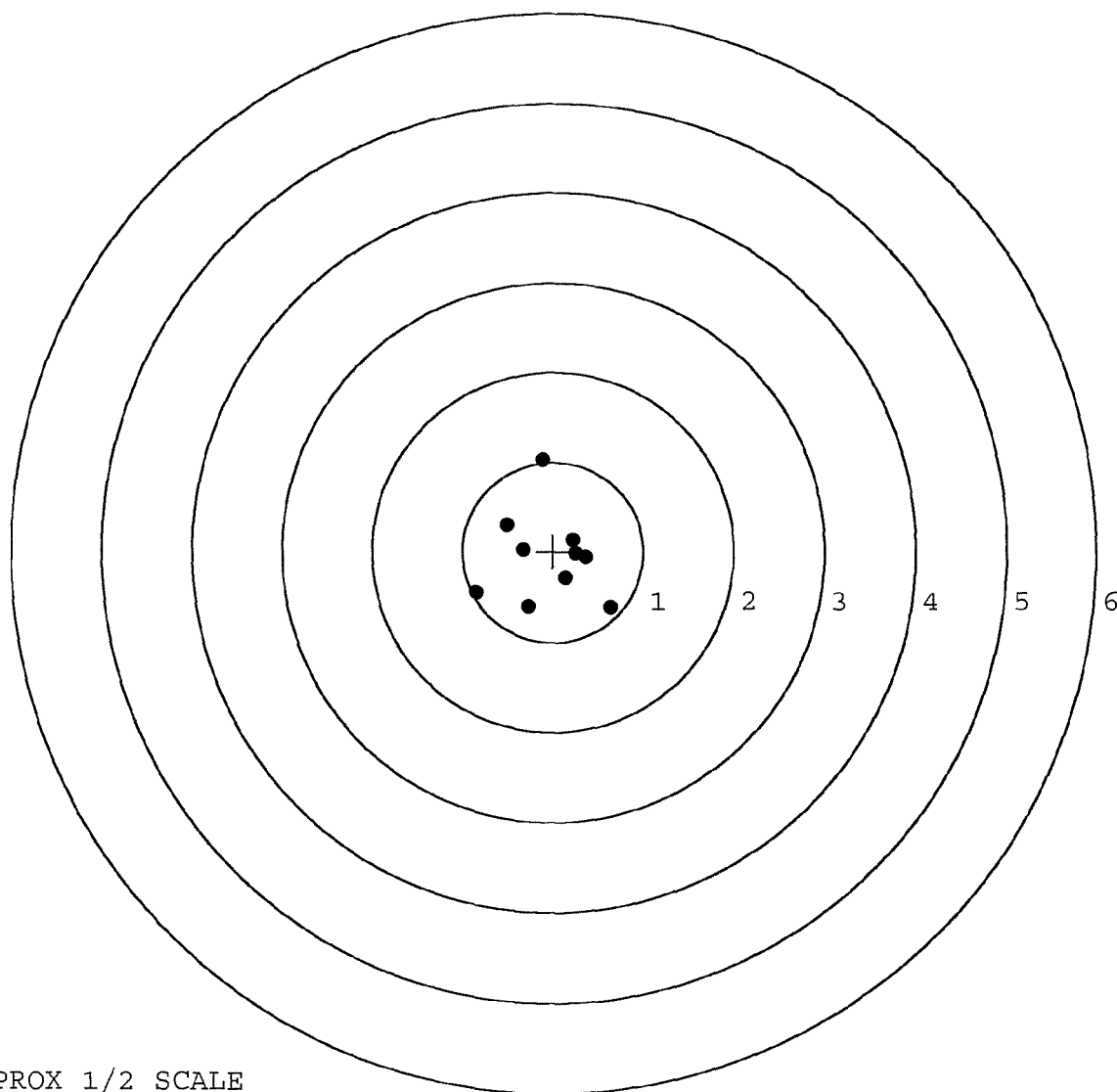
MEAN RADIUS: 0.568

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.118	1.023
2:	-0.515	0.298
3:	-0.329	0.026
4:	0.222	0.129
5:	0.360	-0.070
6:	0.144	-0.294
7:	0.638	-0.619
8:	-0.278	-0.608
9:	-0.848	-0.457
10:	0.252	-0.022



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6521342. 0

TARGET NUMBER: 5

FILE DATE: 01/05/2006

FILE TIME: 23:15

X CENTROID: -0.118

Y CENTROID: -0.090

POA TO CENTROID: 0.149

HORZ SPREAD: 1.902

VERT SPREAD: 0.860

GROUP SPREAD: 1.903

MIN RADIUS: 0.207

MAX RADIUS: 1.025

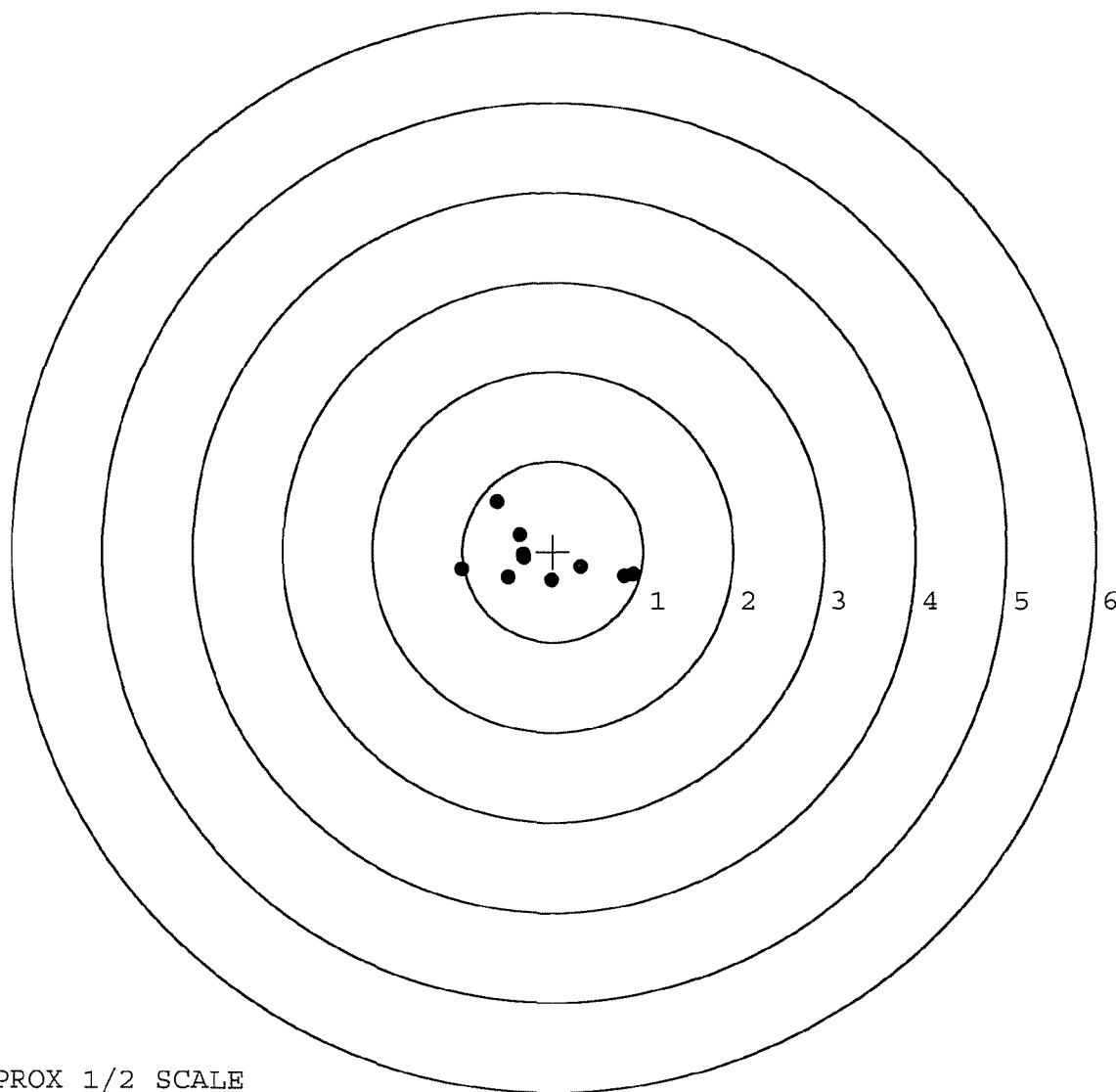
MEAN RADIUS: 0.557

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.621	0.541
2:	-1.010	-0.201
3:	-0.372	0.184
4:	-0.329	-0.035
5:	-0.500	-0.291
6:	-0.019	-0.319
7:	0.308	-0.171
8:	0.892	-0.260
9:	0.792	-0.274
10:	-0.325	-0.079



TARGET APPROX 1/2 SCALE