

G6590157

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



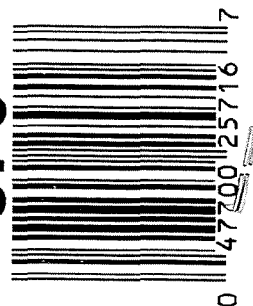
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6590157

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 # G-6590157

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		8-30-06	RTZ
420	ASSEMBLE ACTION		8-30-06	RTZ
430	ASSEMBLE TO STOCK		8-30-06	RTZ
440	PROOF	MAGNA-FLUX	8-31-06	L.P.D.
460	CHECK HEADSPACE	INSPECTED	8-31-06	L.P.D.
470	DIS-ASSEMBLE ACTION	SEP 05 2006	9-1-06	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>mmk</u>	9/5/06	mmk
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		9-5-06	CW
510	DRILL AND TAP SIGHT HOLES		9-5-06	TRW
520	GOFF BLAST BBL / REC		9-6-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		9/12/06	RB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9-15-06	RTZ
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9-15-06	RTZ
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9-15-06	RTZ
	D) OIL FIRING PIN ASSEMBLY		9-15-06	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS		

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>8°</u> <u>7°</u> <u>7°</u>	10-2-06	SD
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>4°</u> <u>4°</u> <u>4°</u>	10-2-06	SD
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.025</u> <u>.024</u> <u>.024</u>	10-2-06	SD
	J) ASSEMBLE STOCK		9-15-06	RR
	K) ASSEMBLE SWIVEL STUDS		11-8-06	L.P.D.
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		9-15-06	RTZ
	M) IRON SIGHT ALIGNMENT		9-15-06	RTZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		9-15-06	RTZ
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	9-16-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		9-16-06	DL
670	FINAL INSPECTION A) HEADSPACE		11-8-06	L.P.D.
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.79</u> <u>2.73</u> <u>2.66</u> <u>2.77</u> <u>2.60</u>	9-18-06	DA
	C) FUNCTION		11-8-06	L.P.D.
690	PACK		11/9/06	DA

F004 REV 5/2006

BARBER - M24 0165807**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

9-13-06

TESTER

RP

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	250	252		258	
PULL #2	250	256		261	
PULL #3	249	250		259	
PULL #4	244	250		261	
PULL #5	247	258		262	
TOTAL	1240	1266		1301	
AVERAGE	248	253		260	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	303	307		
PULL #2	306	304		
PULL #3	307	303		
PULL #4	306	303		
PULL #5	308	303		
TOTAL	1530	1520		
AVERAGE	306	304		

	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	4.16		4.03
PULL #2	399	4.09		4.03
PULL #3	396	4.08		399
PULL #4	396	4.08		398
PULL #5	398	4.09		4.01
TOTAL	1999	20.50		20.04
AVERAGE	399	4.10		4.00

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590157.___0
FILE DATE AND TIME: 09/18/2006 05:43

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.009
The Average Y Centroid of the Five Target Set:	-0.002
The Average Point of Impact of the Five Target Set:	0.009
The Average Mean Radius of the Five Target Set:	0.709
The Distance from POA to Centroid Target #1:	0.098
The Distance from Centroid Target #2 to Centroid Target #1:	0.191
The Distance from Centroid Target #3 to Centroid Target #1:	0.165
The Distance from Centroid Target #4 to Centroid Target #1:	0.225
The Distance from Centroid Target #5 to Centroid Target #1:	0.216

SERIAL NUMBER: G6590157. 0

TARGET NUMBER: 1

FILE DATE: 09/18/2006

FILE TIME: 05:43

X CENTROID: 0.098

Y CENTROID: -0.002

POA TO CENTROID: 0.098

HORZ SPREAD: 1.590

VERT SPREAD: 2.888

GROUP SPREAD: 2.945

MIN RADIUS: 0.302

MAX RADIUS: 1.523

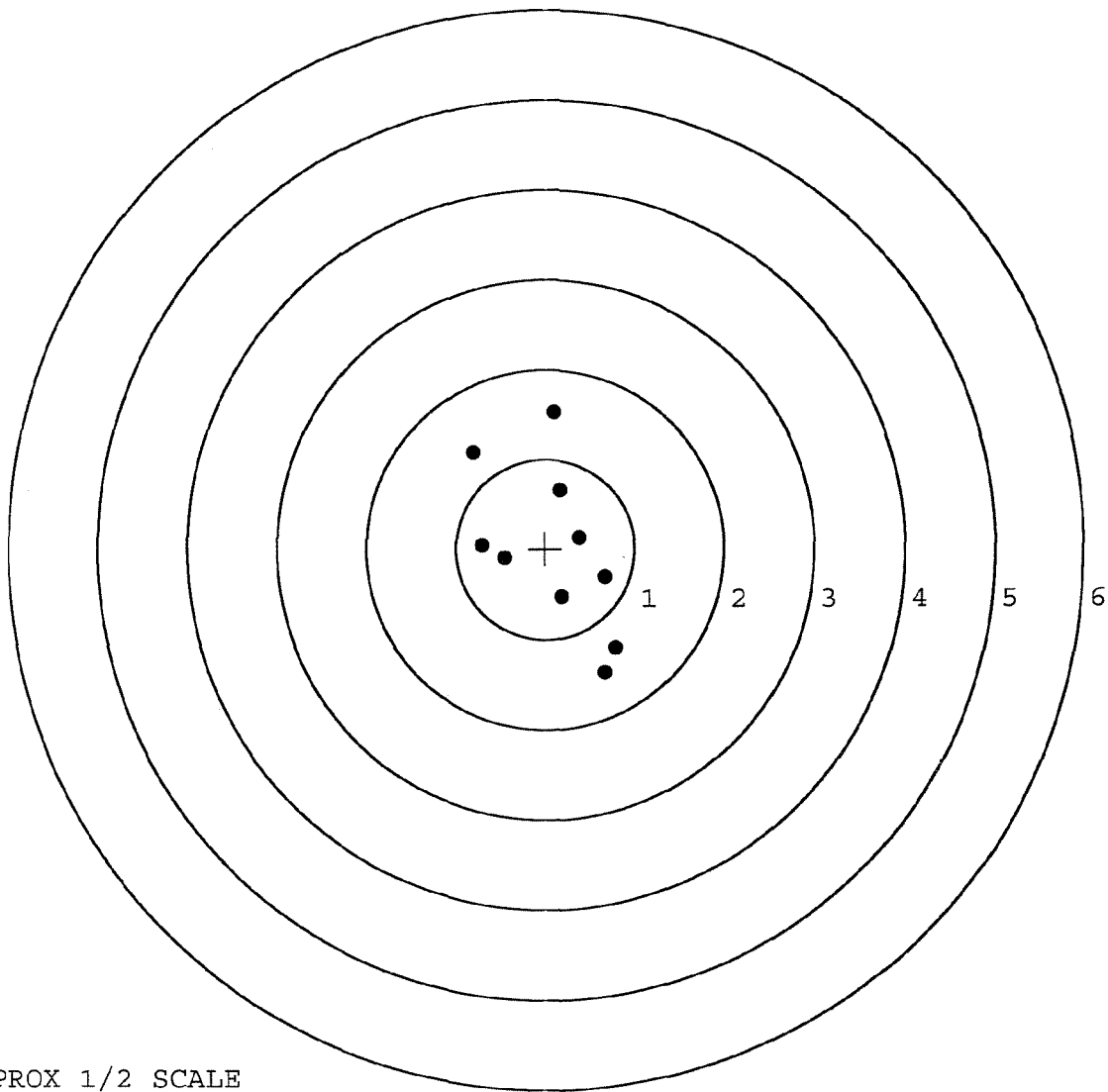
MEAN RADIUS: 0.923

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.673	-1.367
2:	0.785	-1.098
3:	0.374	0.121
4:	0.669	-0.316
5:	0.182	-0.540
6:	-0.454	-0.112
7:	-0.702	0.039
8:	0.164	0.656
9:	0.097	1.521
10:	-0.805	1.076



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590157. __0

TARGET NUMBER: 2

FILE DATE: 09/18/2006

FILE TIME: 05:43

X CENTROID: -0.085

Y CENTROID: 0.051

POA TO CENTROID: 0.099

HORZ SPREAD: 1.891

VERT SPREAD: 2.285

GROUP SPREAD: 2.761

MIN RADIUS: 0.166

MAX RADIUS: 1.593

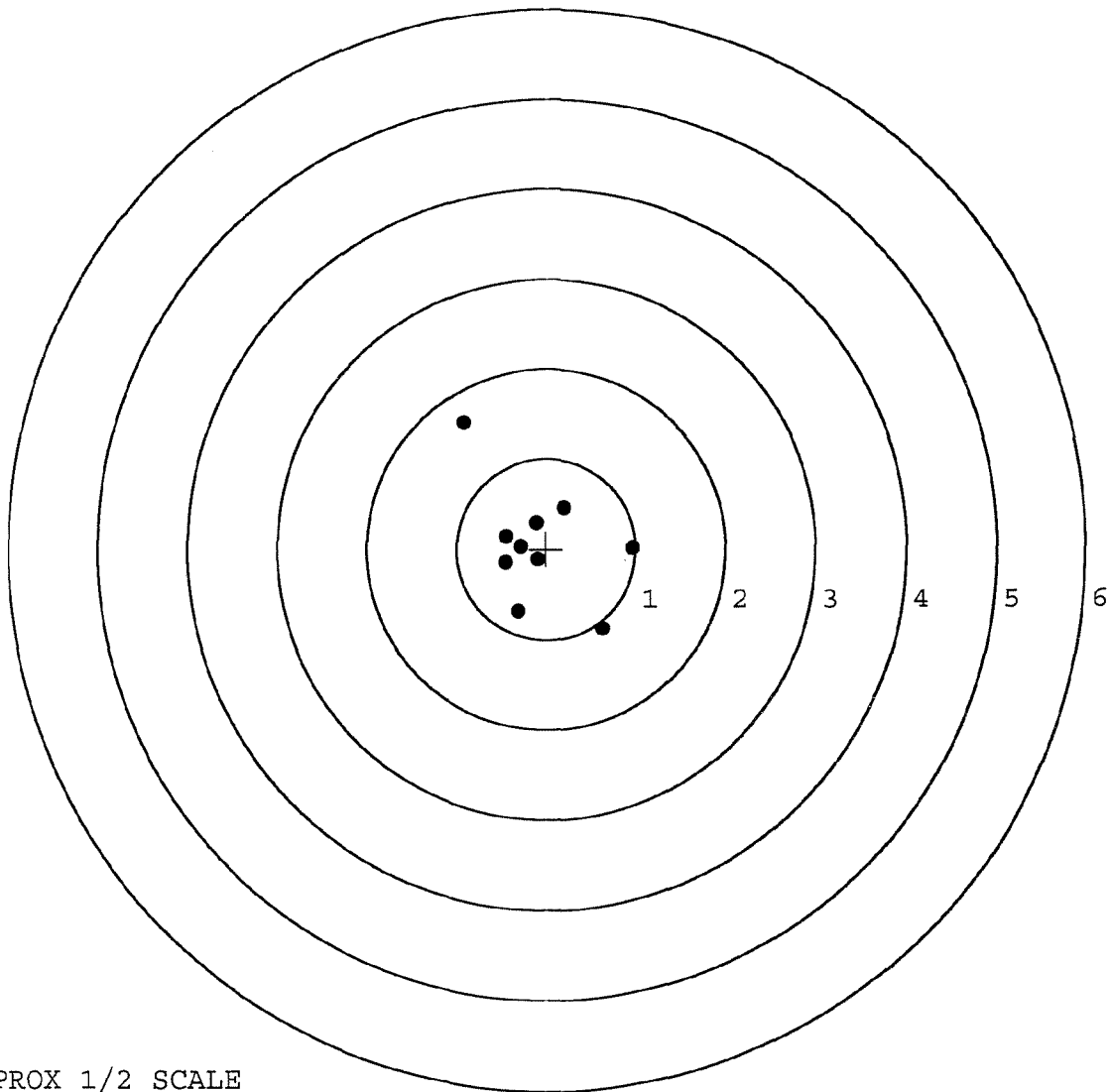
MEAN RADIUS: 0.650

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.923	1.406
2:	0.968	0.015
3:	0.627	-0.879
4:	-0.316	-0.690
5:	0.197	0.456
6:	-0.116	0.289
7:	-0.095	-0.115
8:	-0.457	0.145
9:	-0.455	-0.150
10:	-0.285	0.030



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590157. __0

TARGET NUMBER: 3

FILE DATE: 09/18/2006

FILE TIME: 05:43

X CENTROID: -0.066

Y CENTROID: -0.021

POA TO CENTROID: 0.069

HORZ SPREAD: 2.213

VERT SPREAD: 1.593

GROUP SPREAD: 2.513

MIN RADIUS: 0.237

MAX RADIUS: 1.366

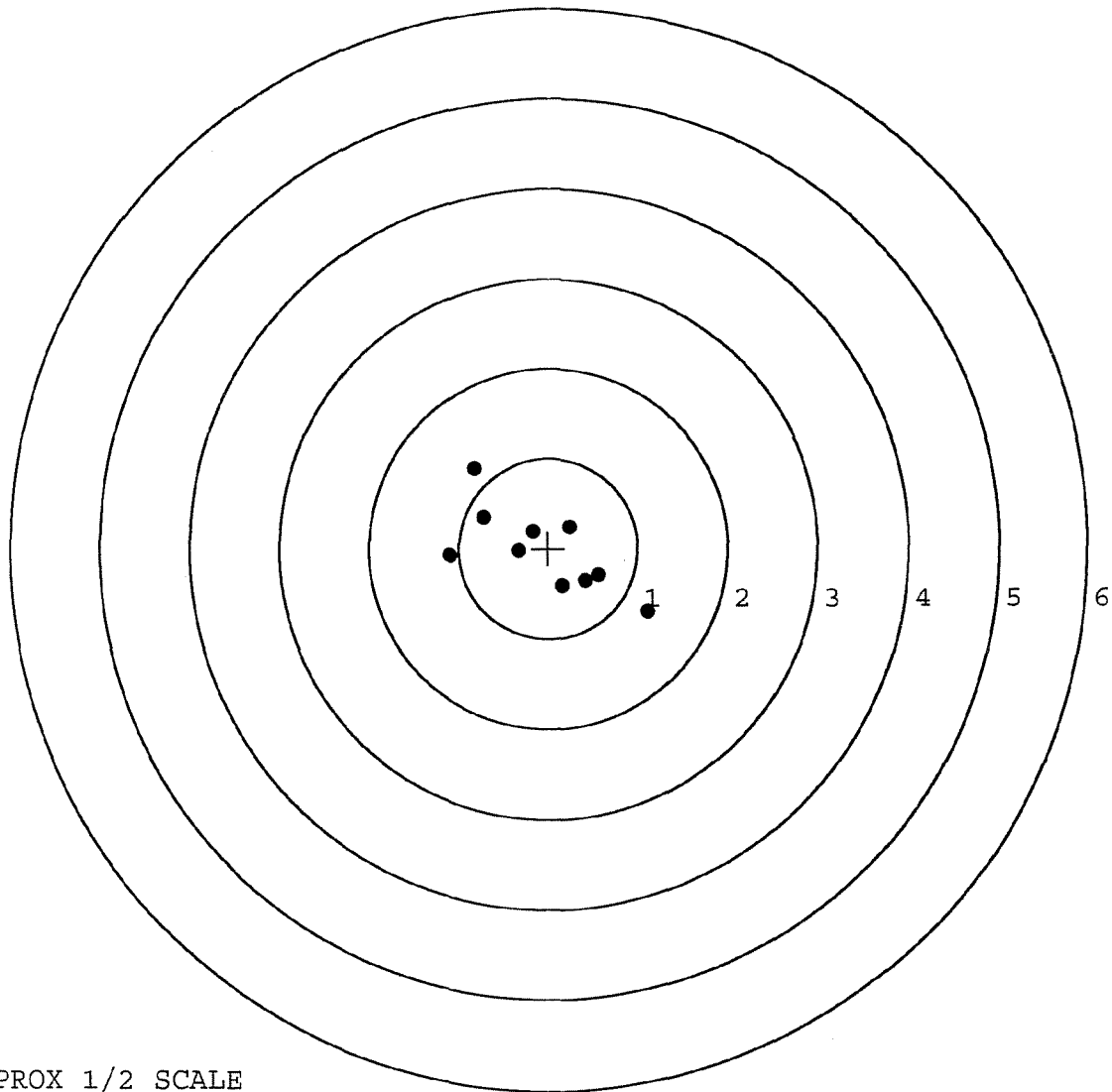
MEAN RADIUS: 0.697

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.118	-0.703
2:	0.565	-0.296
3:	0.160	-0.415
4:	0.234	0.241
5:	-1.095	-0.080
6:	-0.724	0.350
7:	-0.825	0.890
8:	-0.176	0.189
9:	-0.329	-0.030
10:	0.416	-0.356



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590157. 0

TARGET NUMBER: 4

FILE DATE: 09/18/2006

FILE TIME: 05:43

X CENTROID: -0.040

Y CENTROID: 0.175

POA TO CENTROID: 0.180

HORZ SPREAD: 1.152

VERT SPREAD: 2.501

GROUP SPREAD: 2.529

MIN RADIUS: 0.119

MAX RADIUS: 1.774

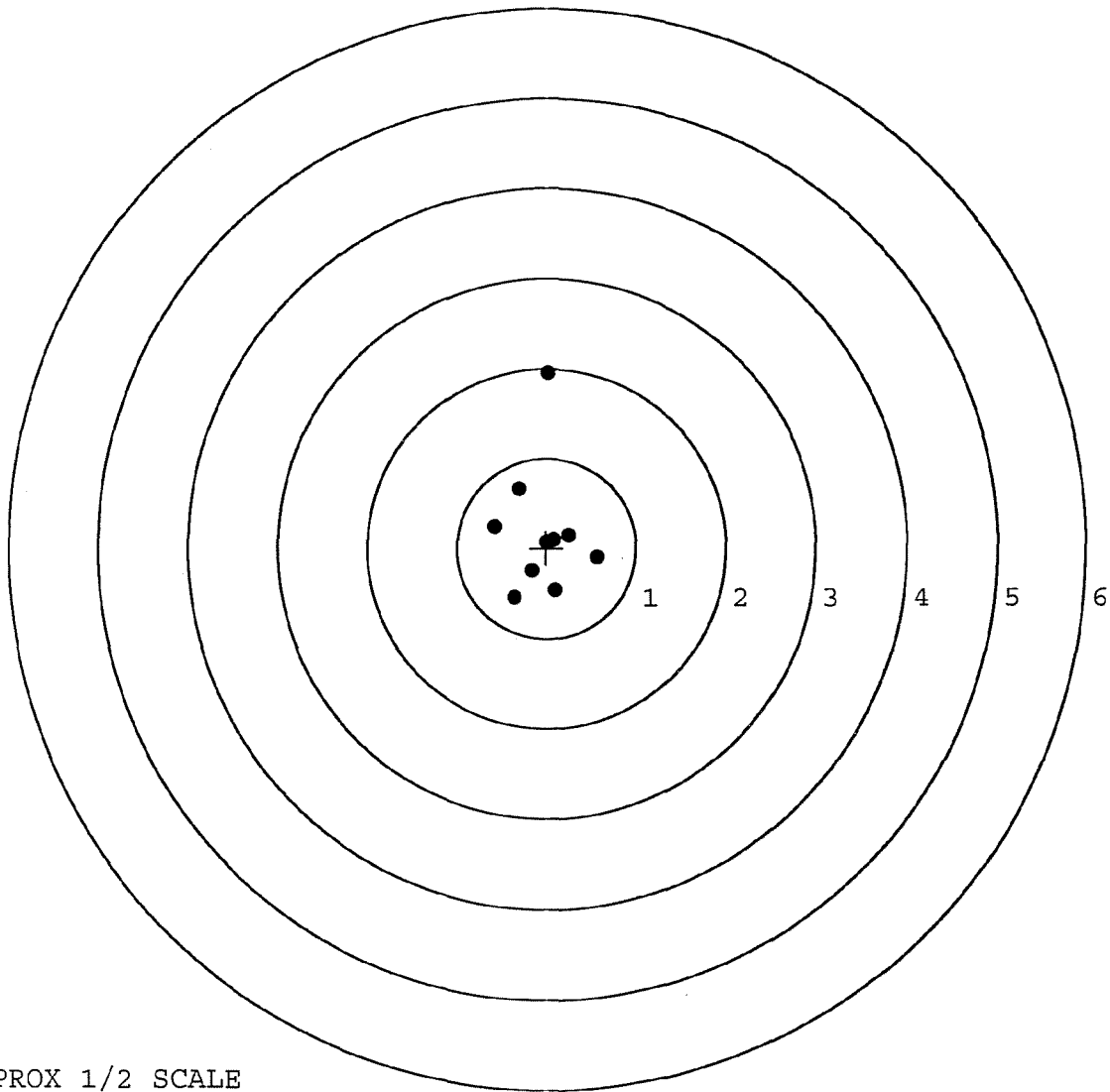
MEAN RADIUS: 0.600

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.571	-0.104
2:	0.094	-0.473
3:	-0.363	-0.552
4:	-0.162	-0.254
5:	0.247	0.139
6:	0.003	0.065
7:	0.015	1.949
8:	-0.309	0.656
9:	-0.581	0.235
10:	0.080	0.093



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590157. 0

TARGET NUMBER: 5

FILE DATE: 09/18/2006

FILE TIME: 05:43

X CENTROID: 0.138

Y CENTROID: -0.214

POA TO CENTROID: 0.255

HORZ SPREAD: 1.393

VERT SPREAD: 2.096

GROUP SPREAD: 2.097

MIN RADIUS: 0.244

MAX RADIUS: 1.221

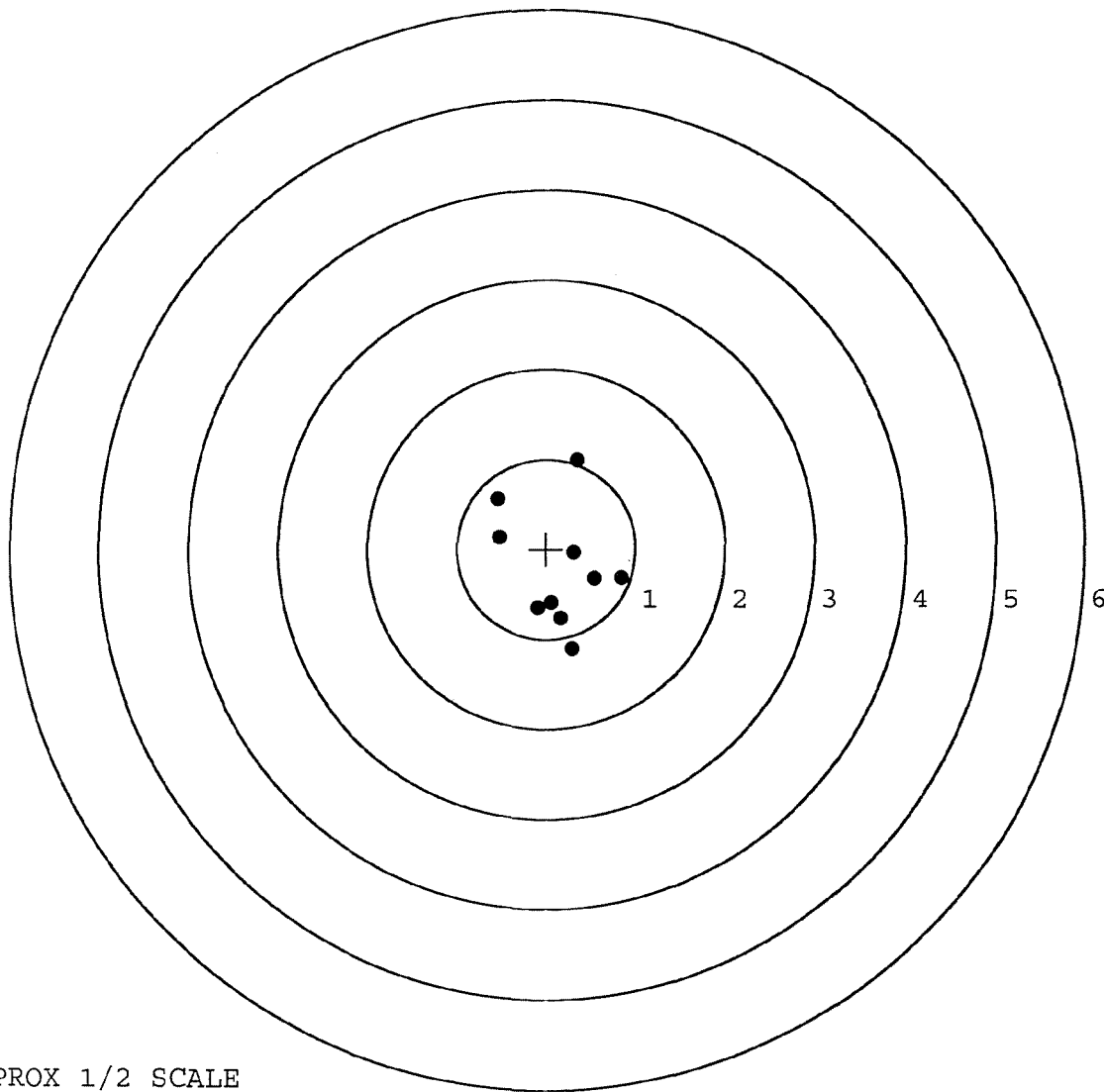
MEAN RADIUS: 0.675

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.342	0.989
2:	-0.547	0.557
3:	-0.533	0.131
4:	0.310	-0.041
5:	0.546	-0.327
6:	0.846	-0.320
7:	0.289	-1.107
8:	0.166	-0.773
9:	0.055	-0.596
10:	-0.094	-0.657



TARGET APPROX 1/2 SCALE