

G6461759

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**

G6461759

UPC



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

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SERIAL NO.



G6461759

M-24
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6461759

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420 & 430	ASSEMBLE ACTION ASSEMBLE TO STOCK		9-13-05	RTZ
440	PROOF		9-16-05	RTZ
460	CHECK HEADSPACE		9-16-05	RTZ
470	DIS-ASSEMBLE ACTION		9-16-05	RTZ
480 & 490	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	480 OPERATOR wmb	9-20-05	wmb
500	ROLLMARK CALIBER		9-20-05	CW
510	DRILL AND TAP SIGHT HOLES		9-20-05	TRW
520	GOFF BLAST BBL / REC		9-21-05	LB
530 & 540	APPLY COATINGS (BARREL ACTION)		9/22	HP
	(BOLT)			
560	RE-ASSEMBLE ACTION		9/30	MTW
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9/30	MTW
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9/30	MTW
	D) OIL FIRING PIN ASSEMBLY		10-18-05	RTZ
	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>5.0</u> <u>5.5</u> <u>5.0</u>	10/22/05	RA
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>2.5</u> <u>2.5</u>	10/22/05	RA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>1024</u> <u>1024</u> <u>1025</u>	10/22/05	RA
	J) ASSEMBLE STOCK		10-18-05	RT
	K) ASSEMBLE SWIVEL STUDS		10/24/05	BC
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		10/18/05	MTM
	M) IRON SIGHT ALIGNMENT		10/18/05	MTM
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		10/18/05	MTM
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	10-20-05	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		10-20-05	ST
670	FINAL INSPECTION A) HEADSPACE		10/24/05	BC
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.81</u> <u>2.90</u> <u>2.77</u> <u>2.97</u> <u>2.85</u>	10-20-05	TRW
	C) FUNCTION		10/24/05	BC
690	PACK		10/25/05	RA

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

10/17/05

TESTER

mjm

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS	COMMENTS
PULL #1	2.40	2.37	2.54	
PULL #2	2.74	2.42	2.54	
PULL #3	2.55	2.57	2.67	
PULL #4	2.63	2.32	2.53	
PULL #5	2.42	2.71	2.59	
TOTAL	12.74	12.39	12.87	
AVERAGE	2.55	2.48	2.57	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES	COMMENTS
PULL #1	3.01	2.98	
PULL #2	3.05	3.07	
PULL #3	3.11	3.08	
PULL #4	2.67	3.27	
PULL #5	2.73	2.70	
TOTAL	14.57	15.10	
AVERAGE	2.91	3.02	

	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	3.98	3.96		4.09
PULL #2	3.97	3.88		4.16
PULL #3	4.00	4.04		4.19
PULL #4	4.03	3.84		4.15
PULL #5	4.07	3.84		4.18
TOTAL	20.05	19.56		20.77
AVERAGE	4.01	3.91		4.15

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6461759.__0
FILE DATE AND TIME: 10/20/2005 09:50

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.046
The Average Y Centroid of the Five Target Set:	-0.038
The Average Point of Impact of the Five Target Set:	0.059
The Average Mean Radius of the Five Target Set:	0.914
The Distance from POA to Centroid Target #1:	0.071
The Distance from Centroid Target #2 to Centroid Target #1:	0.037
The Distance from Centroid Target #3 to Centroid Target #1:	0.298
The Distance from Centroid Target #4 to Centroid Target #1:	0.162
The Distance from Centroid Target #5 to Centroid Target #1:	0.044

SERIAL NUMBER: G6461759. __0

TARGET NUMBER: 1

FILE DATE: 10/20/2005

FILE TIME: 09:50

X CENTROID: -0.054

Y CENTROID: 0.045

POA TO CENTROID: 0.071

HORZ SPREAD: 1.644

VERT SPREAD: 1.580

GROUP SPREAD: 1.788

MIN RADIUS: 0.202

MAX RADIUS: 1.067

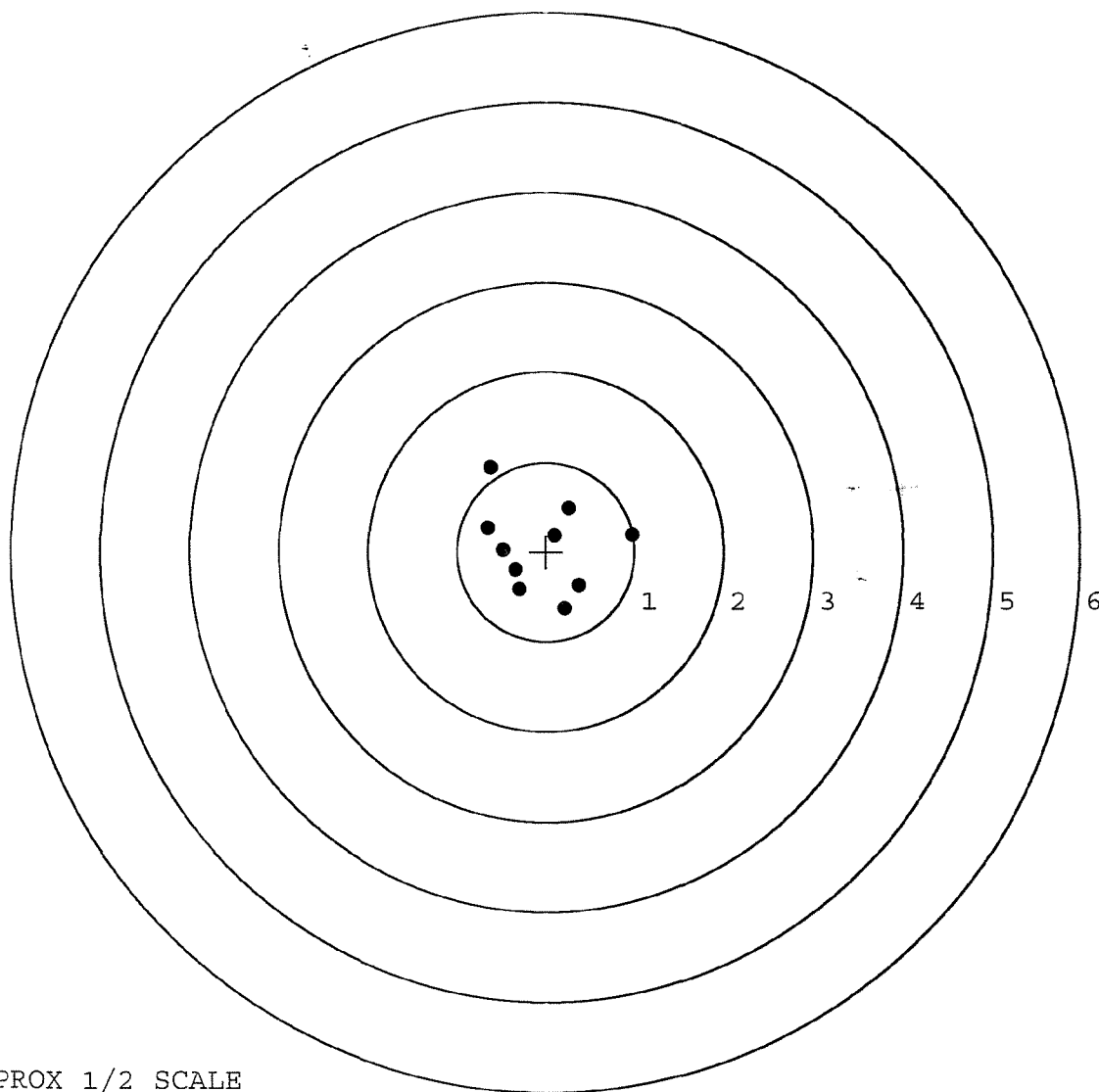
MEAN RADIUS: 0.618

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.978	-0.188
2:	0.371	-0.377
3:	0.208	-0.636
4:	0.094	0.183
5:	0.247	0.488
6:	-0.305	-0.426
7:	-0.351	-0.201
8:	-0.487	0.022
9:	-0.666	0.269
10:	-0.630	0.944



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461759. 0

TARGET NUMBER: 2

FILE DATE: 10/20/2005

FILE TIME: 09:50

X CENTROID: -0.049

Y CENTROID: 0.009

POA TO CENTROID: 0.050

HORZ SPREAD: 2.193

VERT SPREAD: 1.953

GROUP SPREAD: 2.343

MIN RADIUS: 0.332

MAX RADIUS: 1.394

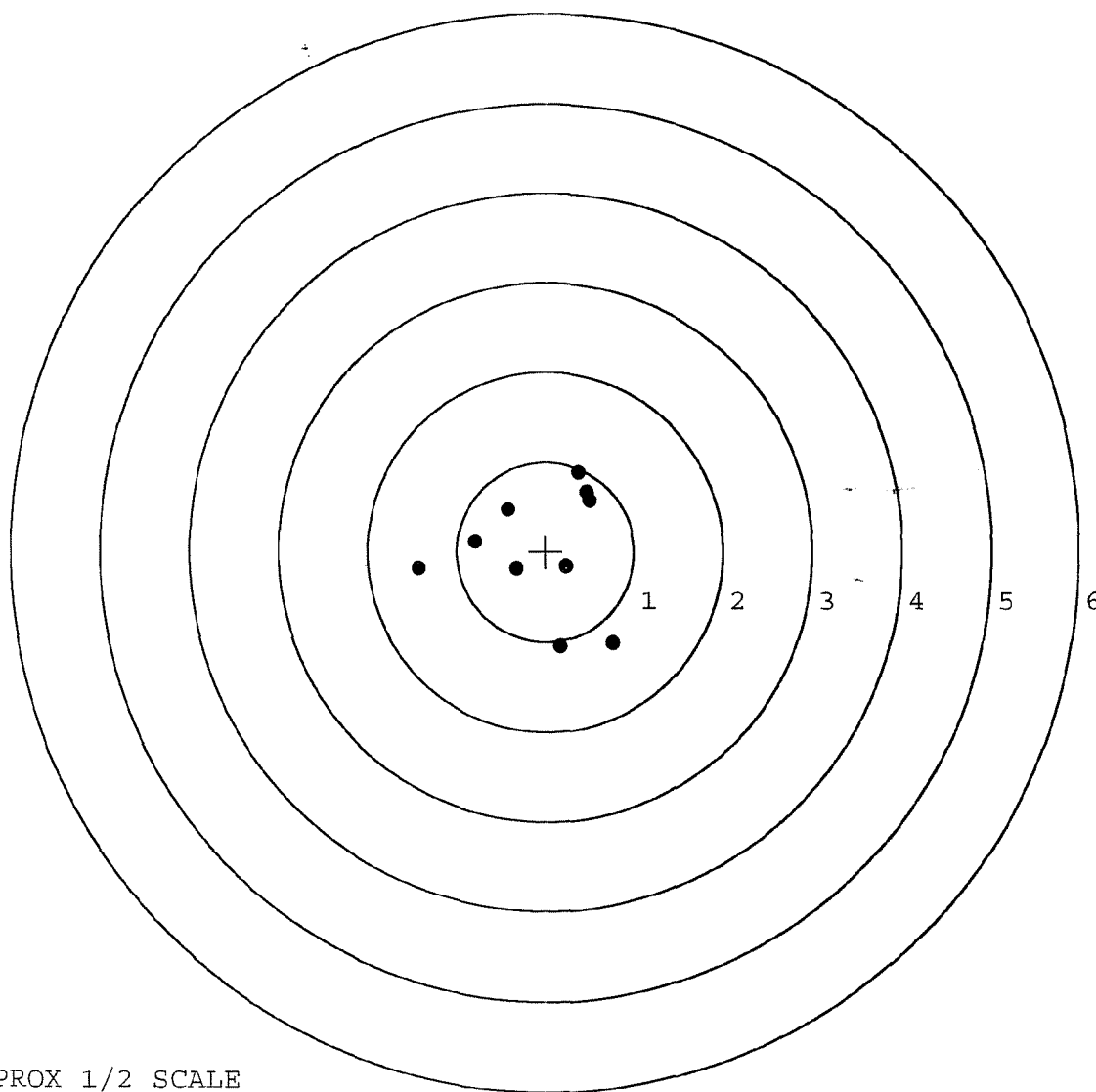
MEAN RADIUS: 0.843

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.765	-1.019
2:	0.169	-1.060
3:	0.229	-0.172
4:	-0.333	-0.194
5:	-1.428	-0.195
6:	-0.793	0.117
7:	-0.427	0.470
8:	0.495	0.576
9:	0.460	0.673
10:	0.373	0.893



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461759. 0

TARGET NUMBER: 3

FILE DATE: 10/20/2005

FILE TIME: 09:50

X CENTROID: -0.102

Y CENTROID: -0.248

POA TO CENTROID: 0.268

HORZ SPREAD: 1.405

VERT SPREAD: 3.570

GROUP SPREAD: 3.711

MIN RADIUS: 0.116

MAX RADIUS: 2.240

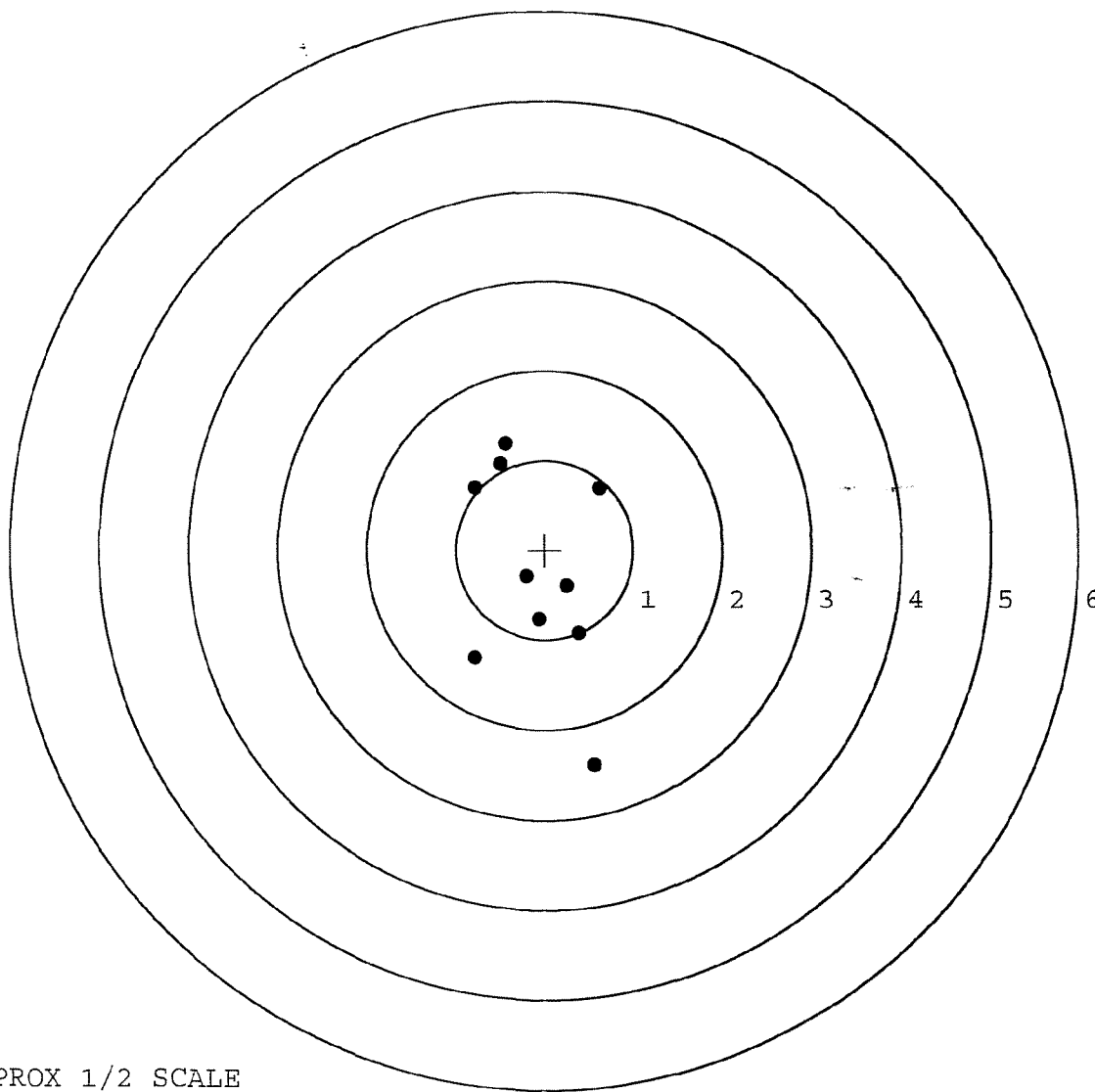
MEAN RADIUS: 1.037

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.561	-2.388
2:	-0.791	-1.207
3:	0.614	0.687
4:	-0.451	1.182
5:	-0.513	0.956
6:	-0.789	0.688
7:	-0.207	-0.297
8:	0.251	-0.405
9:	-0.072	-0.774
10:	0.381	-0.927



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461759. 0

TARGET NUMBER: 4

FILE DATE: 10/20/2005

FILE TIME: 09:50

POINT#	X	Y
1:	1.329	-1.734
2:	1.855	0.591
3:	0.173	0.899
4:	0.249	0.572
5:	-0.125	0.388
6:	-0.289	-0.085
7:	-0.659	-0.037
8:	-0.626	-1.028
9:	-0.168	-1.253
10:	-1.029	1.118

X CENTROID: 0.071

Y CENTROID: -0.057

POA TO CENTROID: 0.091

HORZ SPREAD: 2.884

VERT SPREAD: 2.852

GROUP SPREAD: 3.701

MIN RADIUS: 0.361

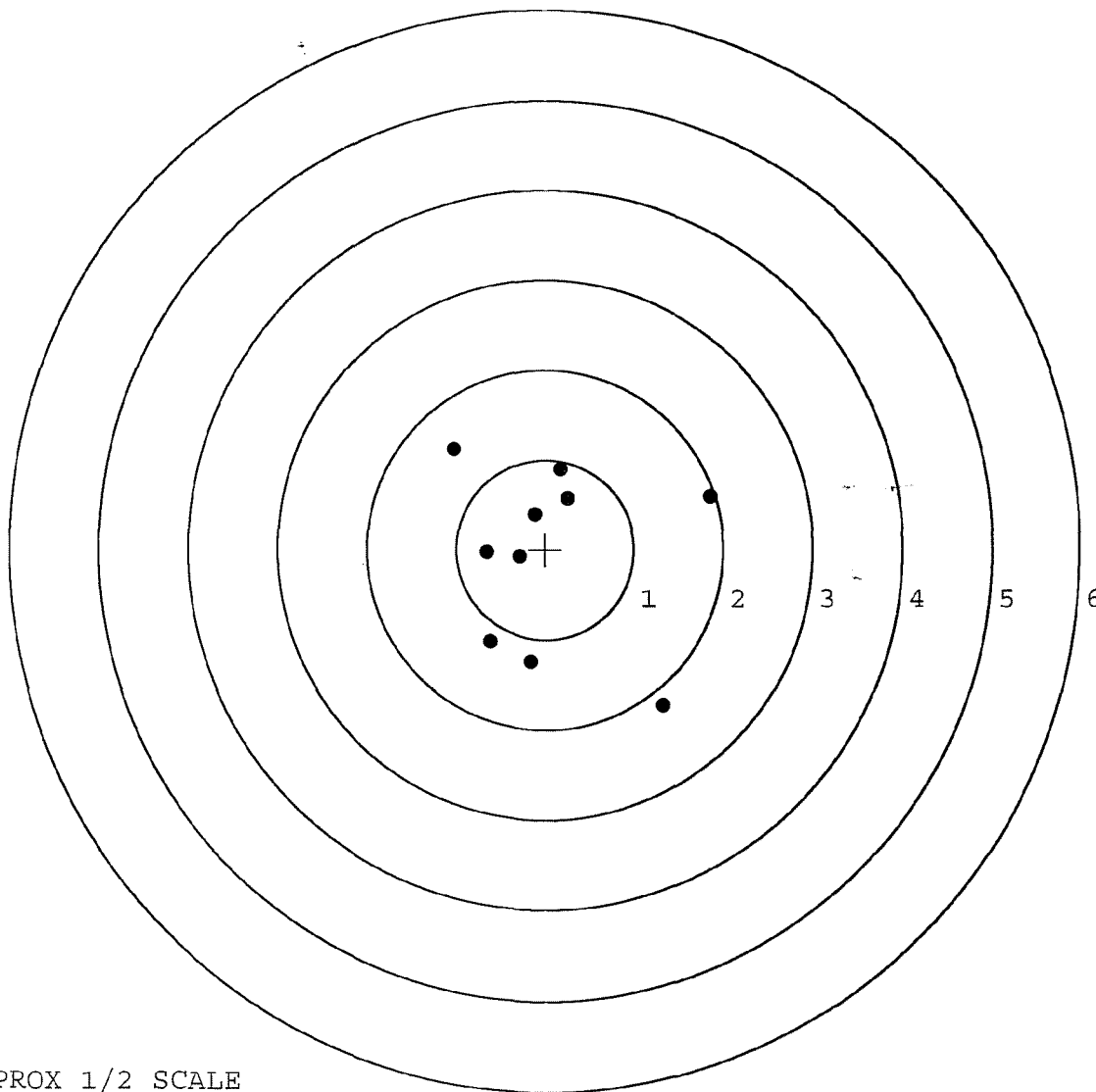
MAX RADIUS: 2.096

MEAN RADIUS: 1.121

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461759.___0

TARGET NUMBER: 5

FILE DATE: 10/20/2005

FILE TIME: 09:50

X CENTROID: -0.094

Y CENTROID: 0.063

POA TO CENTROID: 0.113

HORZ SPREAD: 2.527

VERT SPREAD: 2.475

GROUP SPREAD: 3.100

MIN RADIUS: 0.229

MAX RADIUS: 1.884

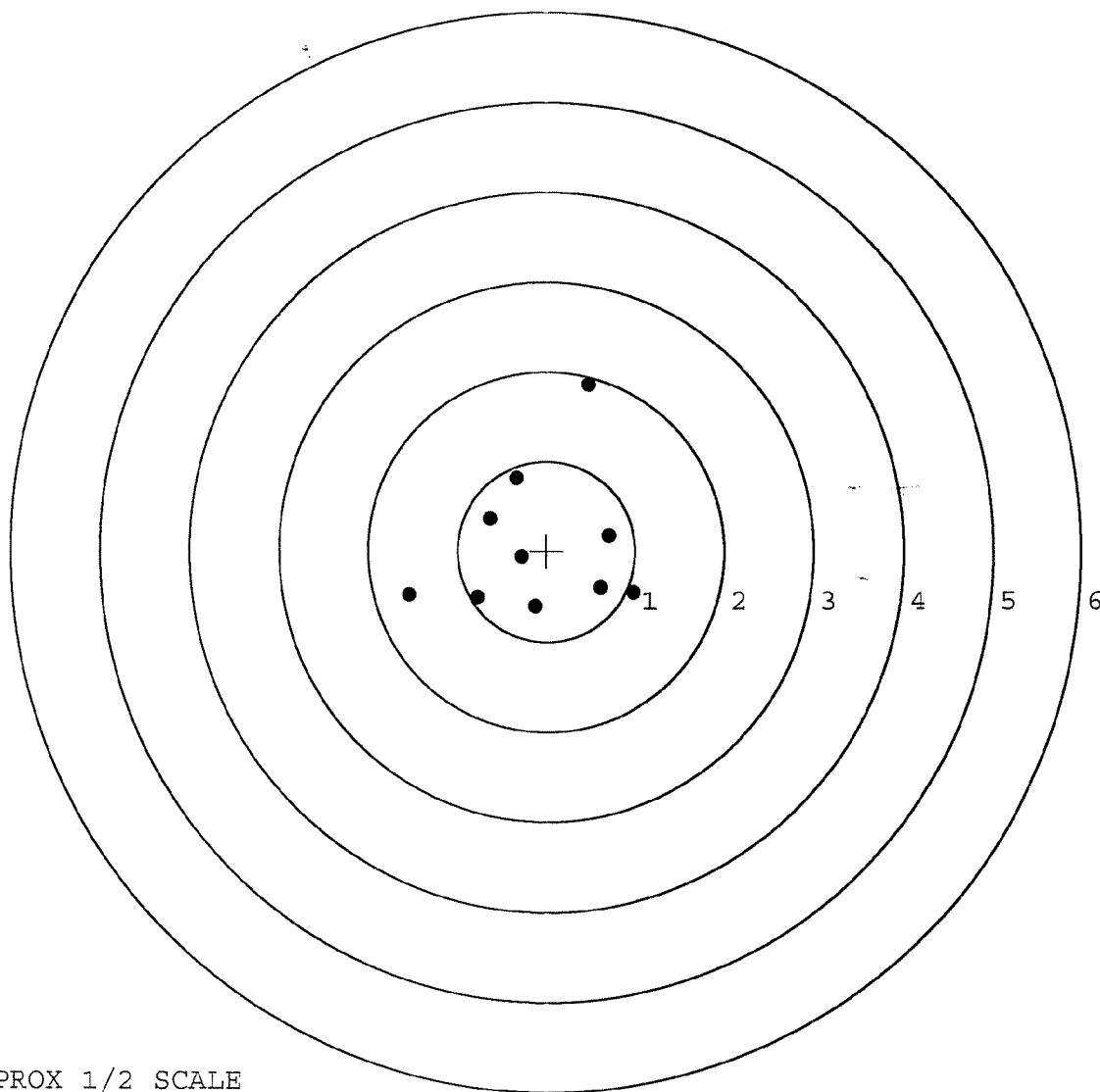
MEAN RADIUS: 0.950

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.981	-0.465
2:	0.613	-0.407
3:	0.702	0.172
4:	-0.128	-0.616
5:	-0.282	-0.067
6:	-0.777	-0.519
7:	-0.636	0.358
8:	-1.546	-0.491
9:	-0.342	0.811
10:	0.476	1.859



TARGET APPROX 1/2 SCALE