

G-646/521

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



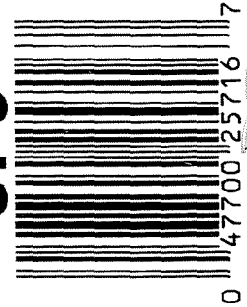
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6461521

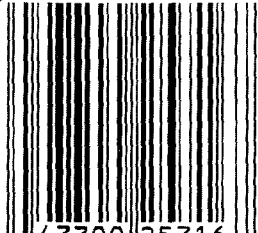
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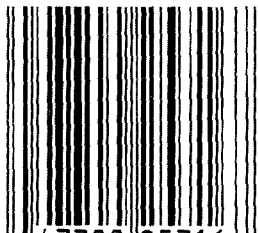


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M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

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SERIAL NO.



66461521

M-24
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G-6461521

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420 & 430	ASSEMBLE ACTION ASSEMBLE TO STOCK		11/2/05	CD
440	PROOF		11/2/05	CD
460	CHECK HEADSPACE	MAGNAFLUX	11/2/05	CD
470	DIS-ASSEMBLE ACTION	PROOF	11/2/05	CD
480 & 490	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	480 MAGNAFLUX BBL ACTION	12/8/05	und
500	ROLLMARK CALIBER		12-8-05	CW
510	DRILL AND TAP SIGHT HOLES		12-8-05	BR
520	GOFF BLAST BBL / REC		12-9-05	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		12/12/05	FB
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		12-14-05	A
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		12-14-05	A
	C) INSPECT EJECTOR HOLE FOR CHAMFER		12-14-05	A
	D) OIL FIRING PIN ASSEMBLY		1-6-06	BG
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		1-6-06	BG
REV-8405				

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6 lb</u> <u>6 lb</u> <u>6 lb</u>	1-6-06	BG
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>3 lb</u> <u>3 lb</u> <u>3 lb</u>	1-6-06	BG
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.025</u> <u>.023</u>	1-6-06	BG
	J) ASSEMBLE STOCK		12-29-05	AC
	K) ASSEMBLE SWIVEL STUDS		1-6-06	BG
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		12-29-05	BG
	M) IRON SIGHT ALIGNMENT		12-29-05	BG
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		12-29-05	BG
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL PASS FAIL	12/30/05	WJ
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION <u>NA</u>		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		12-30-05	WJ
670	FINAL INSPECTION A) HEADSPACE		1-6-06	BG
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.53</u> <u>2.53</u> <u>2.53</u> <u>2.12</u> <u>2.12</u>	1-3-06	A
	C) FUNCTION		1-6-06	BG
690	PACK		1-7-06	RA

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 10-19-05TESTER S.F.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.38	2.76		2.55	
PULL #2	2.29	2.63		2.47	
PULL #3	2.50	2.72		2.40	
PULL #4	2.33	2.57		2.57	
PULL #5	2.36	2.64		2.49	
TOTAL	11.86	13.32		12.48	
AVERAGE	2.37	2.66		2.50	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.13	3.11		
PULL #2	2.96	3.07		
PULL #3	2.99	3.25		
PULL #4	3.21	3.19		
PULL #5	3.28	3.24		
TOTAL	15.57	15.86		
AVERAGE	3.11	3.17		

	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	4.09	4.22		4.39
PULL #2	4.15	4.12		4.34
PULL #3	4.12	4.22		4.39
PULL #4	4.11	4.19		4.27
PULL #5	4.07	4.09		4.43
TOTAL	20.54	20.84		21.82
AVERAGE	4.11	4.17		4.36

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6461521.___0
FILE DATE AND TIME: 12/30/2005 22:44

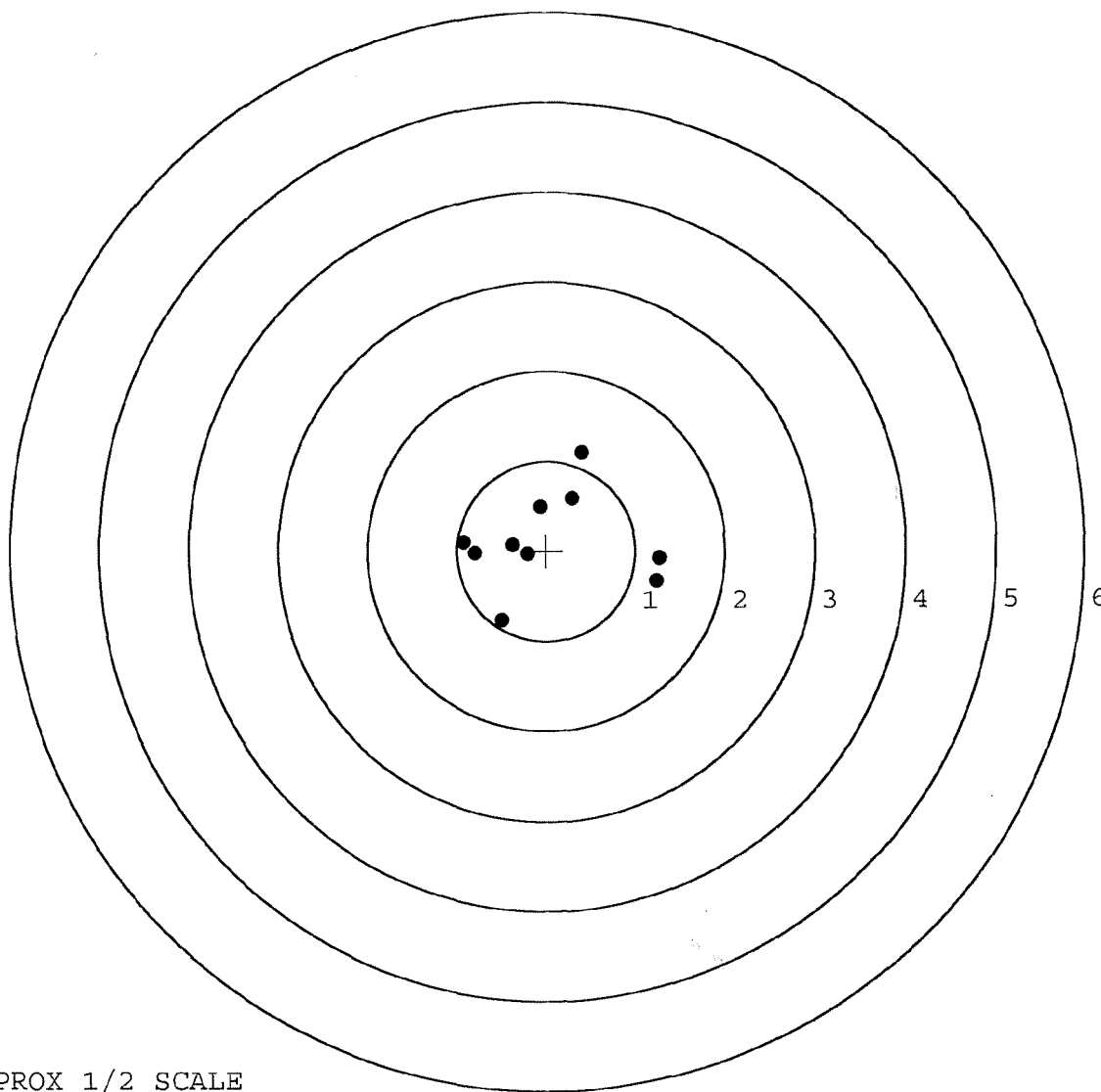
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.139
The Average Y Centroid of the Five Target Set:	-0.153
The Average Point of Impact of the Five Target Set:	0.207
The Average Mean Radius of the Five Target Set:	0.703
The Distance from POA to Centroid Target #1:	0.113
The Distance from Centroid Target #2 to Centroid Target #1:	0.556
The Distance from Centroid Target #3 to Centroid Target #1:	0.522
The Distance from Centroid Target #4 to Centroid Target #1:	0.329
The Distance from Centroid Target #5 to Centroid Target #1:	0.271

SERIAL NUMBER: G6461521. __0
TARGET NUMBER: 1
FILE DATE: 12/30/2005
FILE TIME: 22:44

X CENTROID: 0.031
Y CENTROID: 0.108
POA TO CENTROID: 0.113
HORZ SPREAD: 2.193
VERT SPREAD: 1.865
GROUP SPREAD: 2.208
MIN RADIUS: 0.285
MAX RADIUS: 1.287
MEAN RADIUS: 0.806
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.926	0.100
2:	-0.799	-0.025
3:	-0.378	0.072
4:	-0.067	0.493
5:	0.288	0.588
6:	0.406	1.097
7:	1.267	-0.093
8:	1.237	-0.342
9:	-0.506	-0.768
10:	-0.213	-0.040

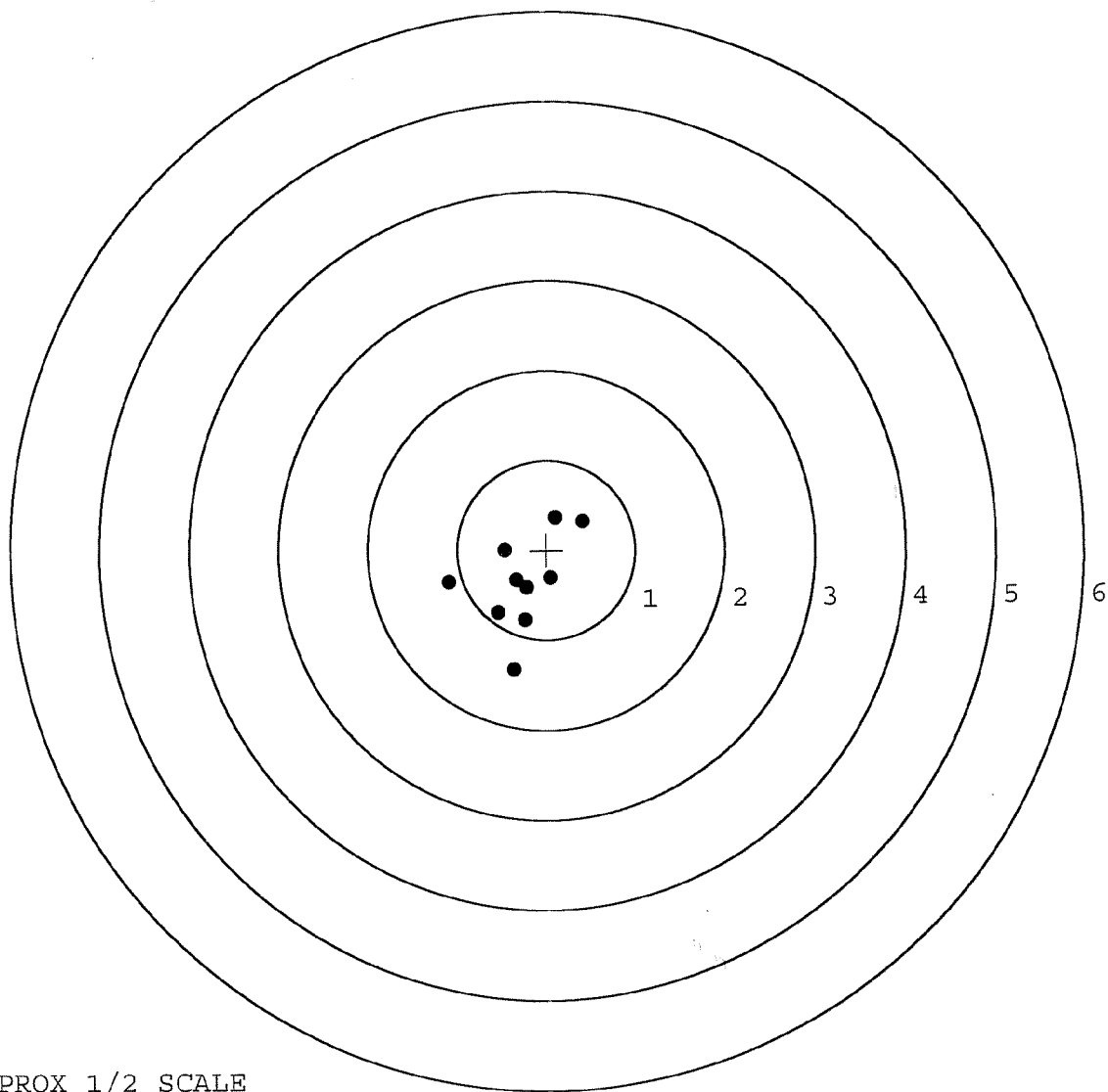


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461521.___0
TARGET NUMBER: 2
FILE DATE: 12/30/2005
FILE TIME: 22:44

X CENTROID: -0.277
Y CENTROID: -0.354
POA TO CENTROID: 0.450
HORZ SPREAD: 1.506
VERT SPREAD: 1.689
GROUP SPREAD: 1.825
MIN RADIUS: 0.070
MAX RADIUS: 0.978
MEAN RADIUS: 0.532
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.105	0.362
2:	0.410	0.319
3:	0.043	-0.314
4:	-0.230	-0.423
5:	-0.344	-0.337
6:	-0.473	0.006
7:	-0.553	-0.694
8:	-0.250	-0.782
9:	-0.379	-1.327
10:	-1.096	-0.354



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461521. 0

TARGET NUMBER: 3

FILE DATE: 12/30/2005

FILE TIME: 22:44

POINT#	X	Y
1:	-0.547	0.502
2:	-0.824	0.336
3:	-0.957	0.123
4:	-1.088	-0.041
5:	-0.877	-0.109
6:	-0.804	-0.357
7:	-0.355	-0.079
8:	-0.107	-0.375
9:	0.432	-0.780
10:	0.840	-0.617

X CENTROID: -0.429

Y CENTROID: -0.140

POA TO CENTROID: 0.451

HORZ SPREAD: 1.928

VERT SPREAD: 1.282

GROUP SPREAD: 2.012

MIN RADIUS: 0.095

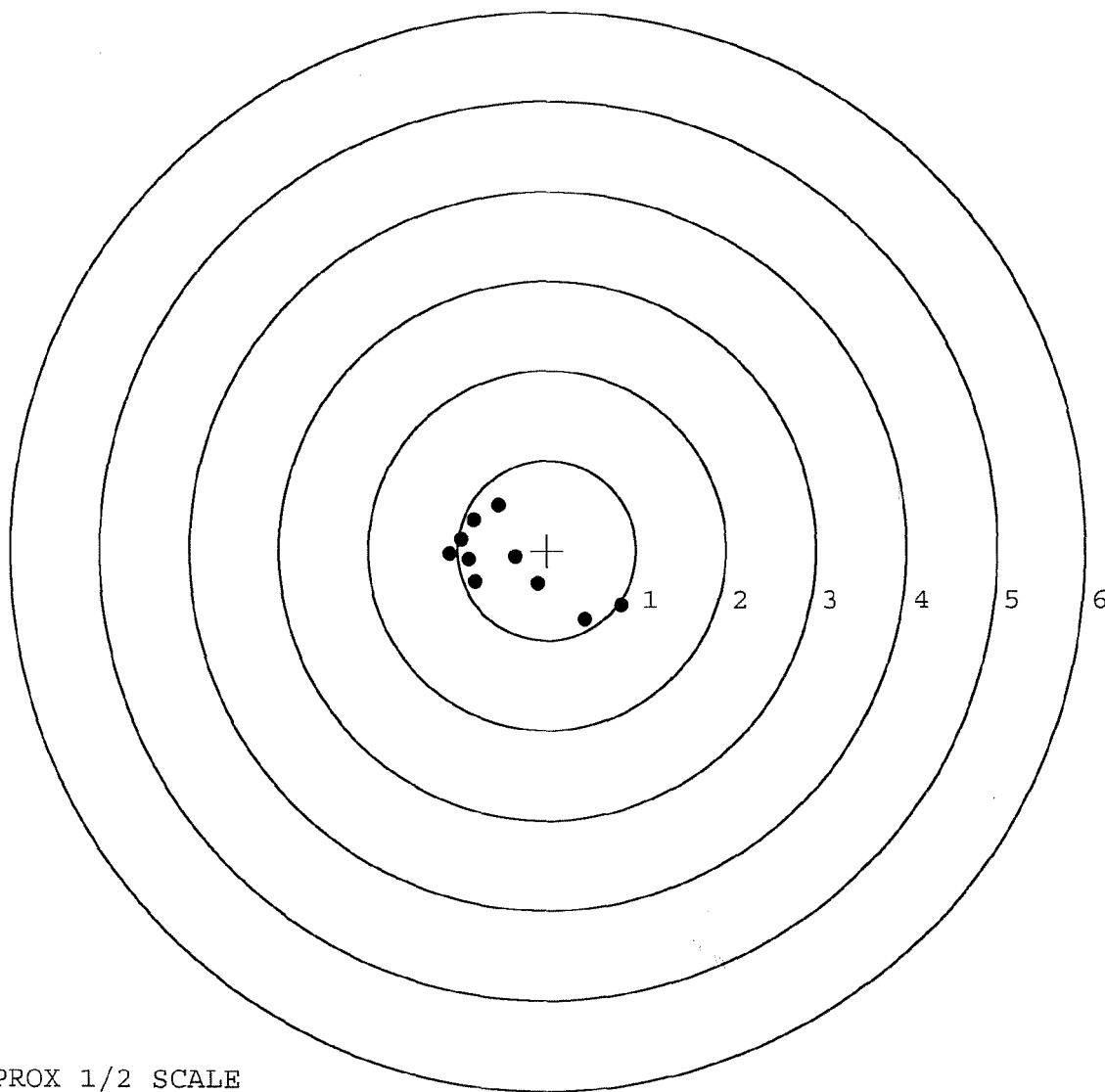
MAX RADIUS: 1.356

MEAN RADIUS: 0.633

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461521. 0

TARGET NUMBER: 4

FILE DATE: 12/30/2005

FILE TIME: 22:44

X CENTROID: -0.025

Y CENTROID: -0.216

POA TO CENTROID: 0.218

HORZ SPREAD: 2.246

VERT SPREAD: 1.627

GROUP SPREAD: 2.341

MIN RADIUS: 0.150

MAX RADIUS: 1.441

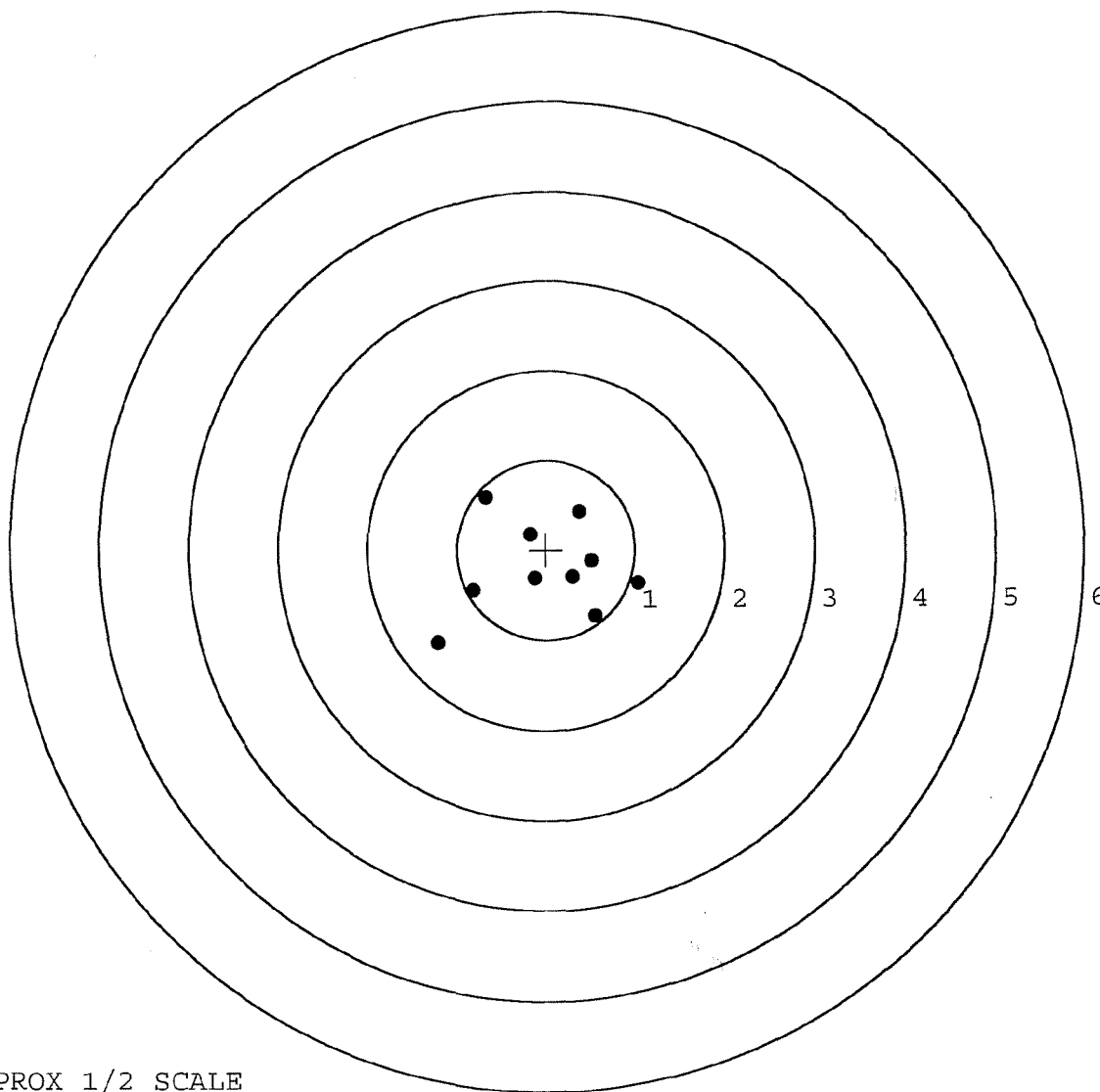
MEAN RADIUS: 0.734

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.679	0.591
2:	-0.176	0.168
3:	0.371	0.427
4:	0.508	-0.125
5:	0.294	-0.304
6:	-0.131	-0.323
7:	-0.814	-0.448
8:	-1.211	-1.036
9:	0.549	-0.738
10:	1.035	-0.376

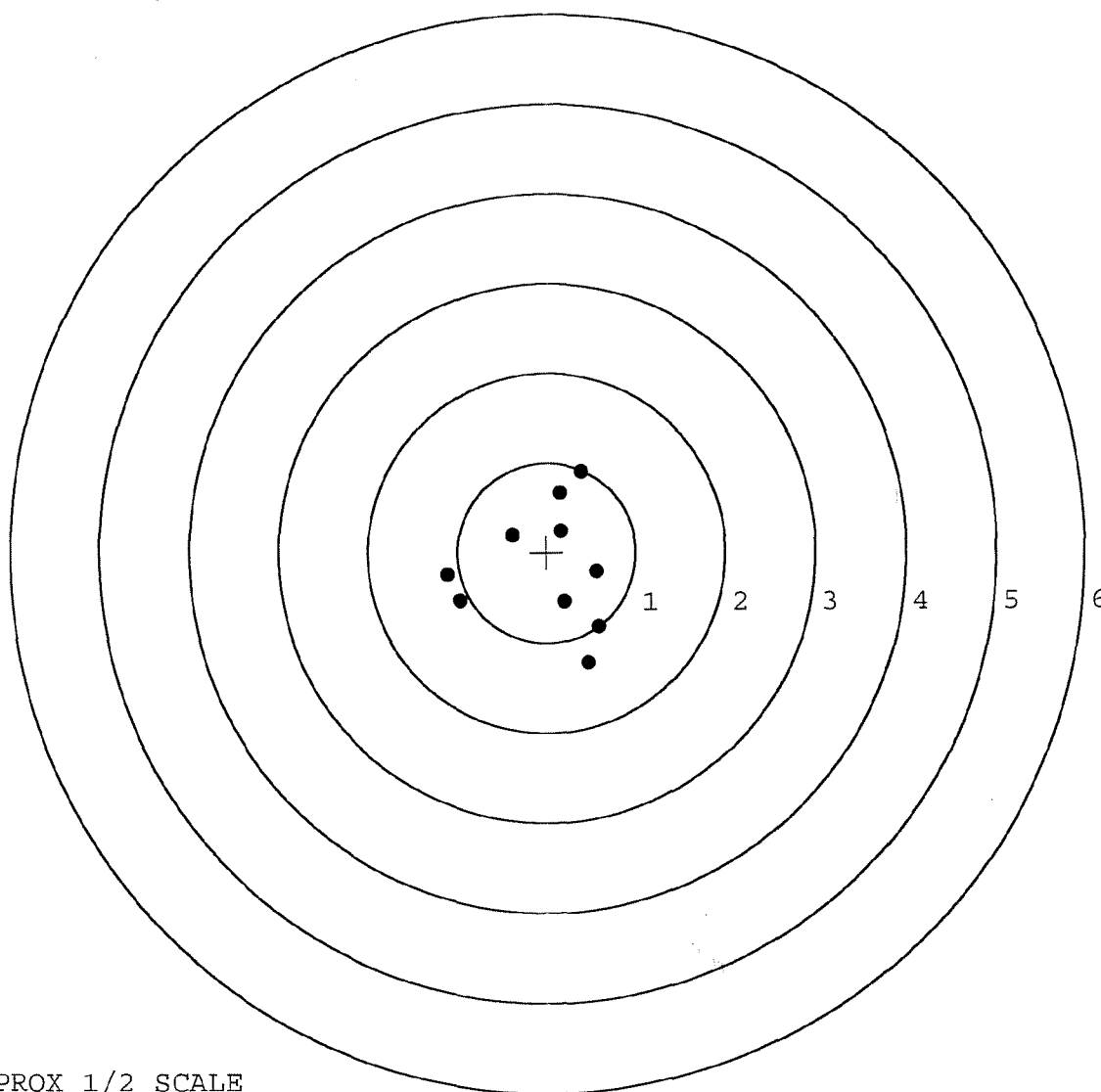


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461521. 0
TARGET NUMBER: 5
FILE DATE: 12/30/2005
FILE TIME: 22:44

X CENTROID: 0.005
Y CENTROID: -0.161
POA TO CENTROID: 0.161
HORZ SPREAD: 1.693
VERT SPREAD: 2.123
GROUP SPREAD: 2.125
MIN RADIUS: 0.427
MAX RADIUS: 1.158
MEAN RADIUS: 0.812
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.150	0.666
2:	0.388	0.901
3:	-0.388	0.188
4:	0.155	0.238
5:	-1.107	-0.257
6:	-0.967	-0.538
7:	0.197	-0.551
8:	0.566	-0.215
9:	0.586	-0.823
10:	0.469	-1.222



TARGET APPROX 1/2 SCALE