

G6590203

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



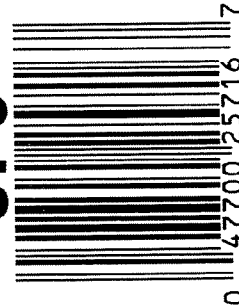
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6590203

UPC



ORDER 25716

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

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UPC



SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6590203

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		9-6-06	RTZ
420	ASSEMBLE ACTION		9-7-06	RTZ
430	ASSEMBLE TO STOCK		9-7-06	BD
440	PROOF	MAGNAFLUX BBL	9-7-06	TRW
460	CHECK HEADSPACE	INSPECTED	9-7-06	TRW
470	DIS-ASSEMBLE ACTION	SEP 11 2006	9-7-06	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <i>mm</i>	9/8/06	<i>mm</i>
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		9-11-06	CW
510	DRILL AND TAP SIGHT HOLES		9-11-06	TRW
520	GOFF BLAST BBL / REC		9-11-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		9/14/06	RB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9-18-06	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9-18-06	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9-18-06	DA
	D) OIL FIRING PIN ASSEMBLY		9-20-06	BLC
	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>8.0</u> <u>8.0</u> <u>8.0</u>	10/2/06	Fm
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>4.0</u> <u>4.0</u> <u>4.0</u>	10/2/06	Fm
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.024</u> <u>.024</u>	10/2/06	Fm
	J) ASSEMBLE STOCK		9-20-06	BLG
	K) ASSEMBLE SWIVEL STUDS		11-10-06	RTZ
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		9-20-06	BLG
	M) IRON SIGHT ALIGNMENT		9-20-06	BLG
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		9-20-06	BLG
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	9-20-06	TRC
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		9-20-06	BO
670	FINAL INSPECTION A) HEADSPACE		11-10-06	RTZ
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.48</u> <u>2.49</u> <u>2.34</u> <u>2.34</u> <u>2.35</u>	9/25/06	RA
	C) FUNCTION		11-10-06	RTZ
690	PACK		11/10/06	RA

F004 REV 5/2006

BARBER - M24 0166694

 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 9-19-06

 TESTER WJH

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.45	2.42		2.67	
PULL #2	2.45	2.57		2.66	
PULL #3	2.52	2.50		2.69	
PULL #4	2.59	2.48		2.70	
PULL #5	2.16	2.55		2.63	
TOTAL	12.17	12.52		13.35	
AVERAGE	2.43	2.50		2.67	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.11	3.09		
PULL #2	3.23	2.98		
PULL #3	3.02	2.97		
PULL #4	3.11	3.10		
PULL #5	3.12	3.13		
TOTAL	15.59	15.27		
AVERAGE	3.12	3.05		

	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	4.12		3.89
PULL #2	4.09	4.09		3.95
PULL #3	4.16	4.05		3.99
PULL #4	3.96	4.13		3.94
PULL #5	4.10	4.10		3.92
TOTAL	20.29	20.49		19.69
AVERAGE	4.06	4.10		3.94

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590203.___0
FILE DATE AND TIME: 09/20/2006 23:46

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.169
The Average Y Centroid of the Five Target Set:	0.003
The Average Point of Impact of the Five Target Set:	0.169
The Average Mean Radius of the Five Target Set:	0.764
The Distance from POA to Centroid Target #1:	0.317
The Distance from Centroid Target #2 to Centroid Target #1:	0.278
The Distance from Centroid Target #3 to Centroid Target #1:	0.517
The Distance from Centroid Target #4 to Centroid Target #1:	0.159
The Distance from Centroid Target #5 to Centroid Target #1:	0.173

SERIAL NUMBER: G6590203. 0

TARGET NUMBER: 1

FILE DATE: 09/20/2006

FILE TIME: 23:46

X CENTROID: -0.297

Y CENTROID: 0.113

POA TO CENTROID: 0.317

HORZ SPREAD: 1.767

VERT SPREAD: 2.627

GROUP SPREAD: 2.747

MIN RADIUS: 0.221

MAX RADIUS: 1.570

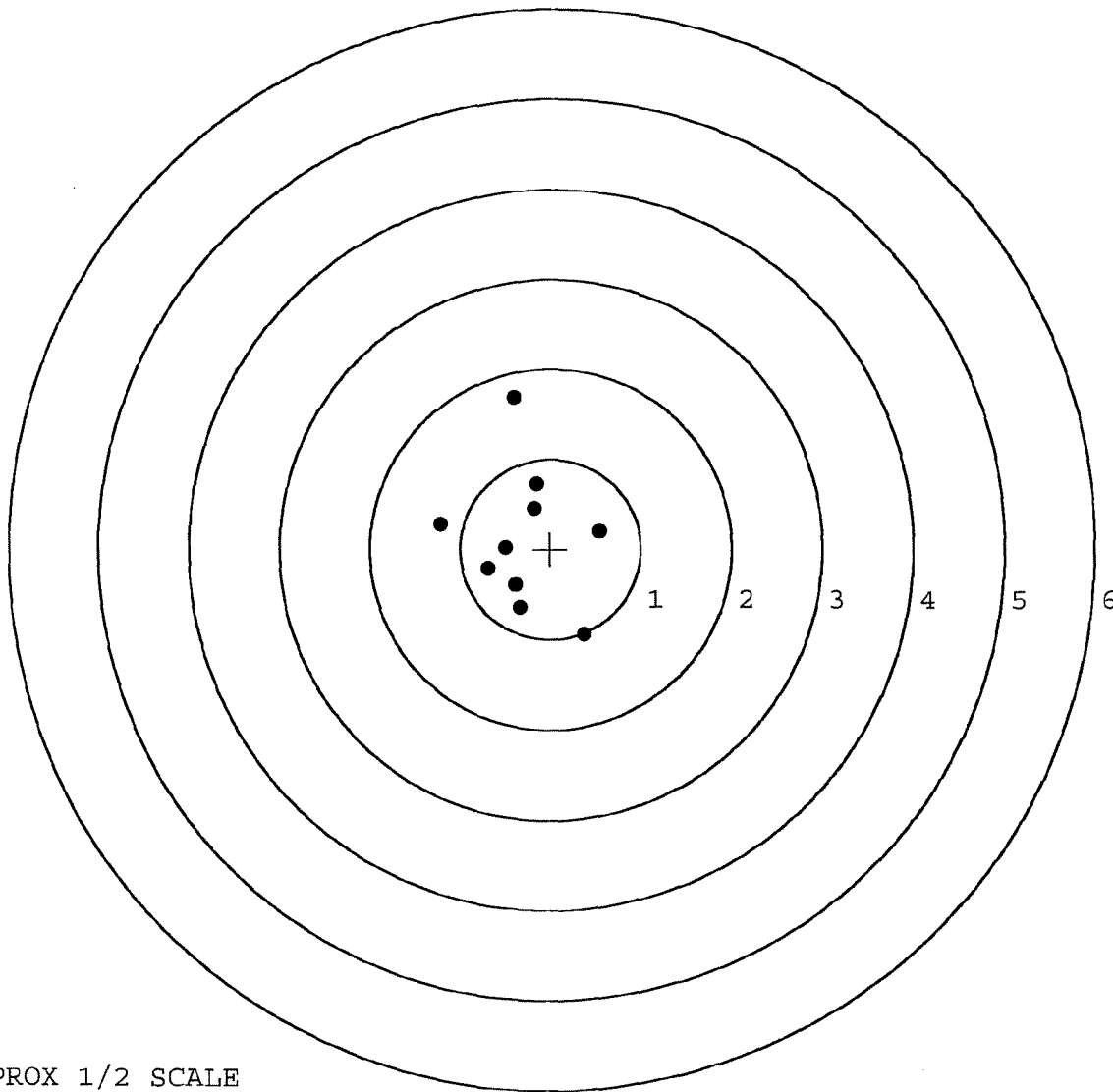
MEAN RADIUS: 0.762

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.164	0.720
2:	-0.183	0.451
3:	0.542	0.206
4:	-1.225	0.277
5:	-0.496	0.017
6:	-0.690	-0.219
7:	-0.384	-0.402
8:	-0.334	-0.650
9:	-0.417	1.678
10:	0.385	-0.949



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590203. __0

TARGET NUMBER: 2

FILE DATE: 09/20/2006

FILE TIME: 23:46

POINT#	X	Y
1:	0.945	-0.683
2:	0.490	-1.061
3:	-0.360	-0.606
4:	-1.208	-1.330
5:	-1.169	0.749
6:	-1.138	0.231
7:	-0.787	0.192
8:	-0.426	0.195
9:	-0.221	-0.108
10:	0.062	0.901

X CENTROID: -0.381

Y CENTROID: -0.152

POA TO CENTROID: 0.410

HORZ SPREAD: 2.153

VERT SPREAD: 2.231

GROUP SPREAD: 2.567

MIN RADIUS: 0.166

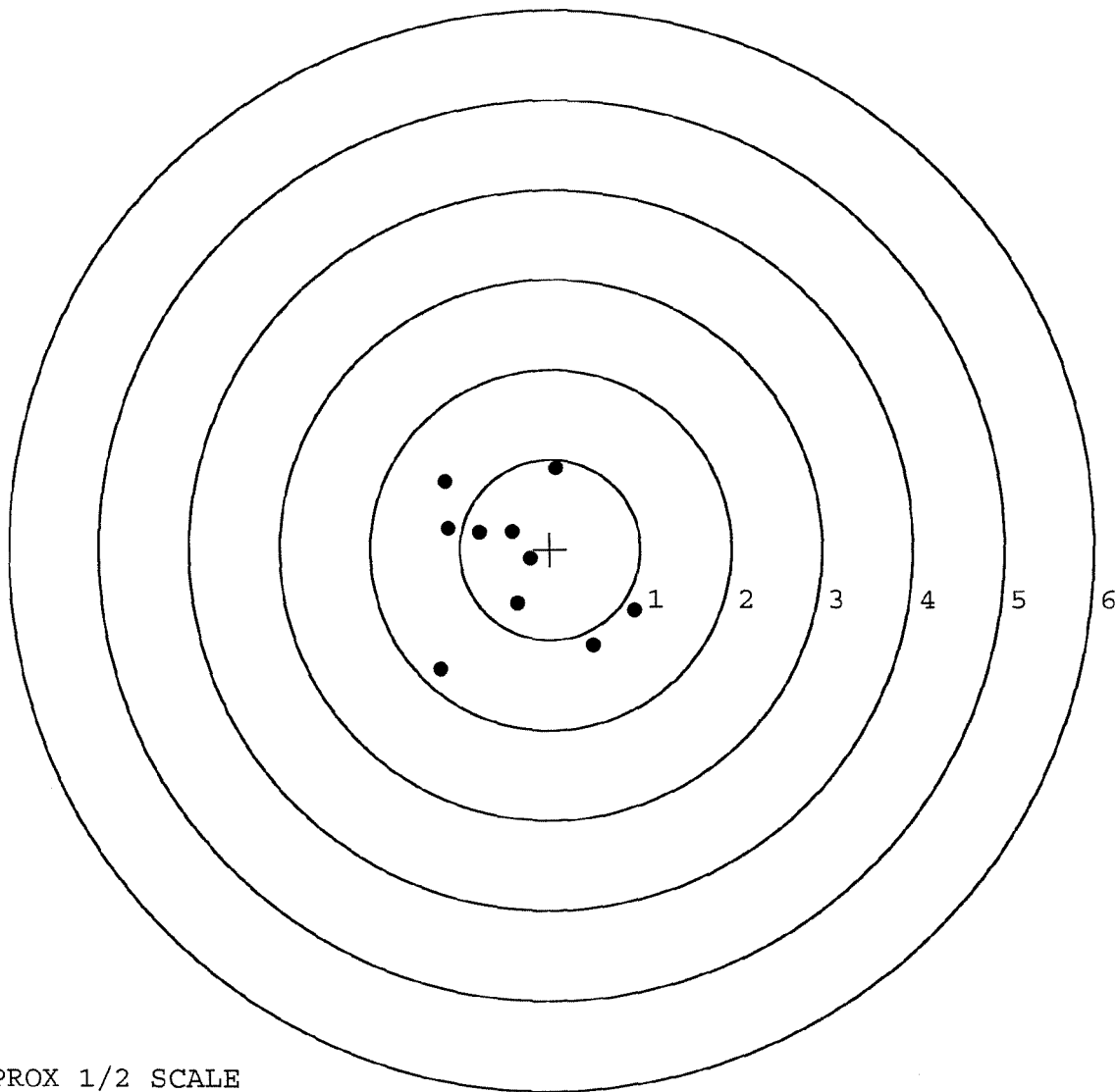
MAX RADIUS: 1.439

MEAN RADIUS: 0.882

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590203. __ 0

TARGET NUMBER: 3

FILE DATE: 09/20/2006

FILE TIME: 23:46

POINT#	X	Y
1:	-0.663	0.836
2:	-1.097	0.134
3:	-0.410	0.368
4:	-0.772	-0.606
5:	0.351	0.317
6:	0.837	0.483
7:	0.590	-0.542
8:	0.967	0.044
9:	1.217	-0.117
10:	1.131	-0.555

X CENTROID: 0.215

Y CENTROID: 0.036

POA TO CENTROID: 0.218

HORZ SPREAD: 2.314

VERT SPREAD: 1.442

GROUP SPREAD: 2.332

MIN RADIUS: 0.312

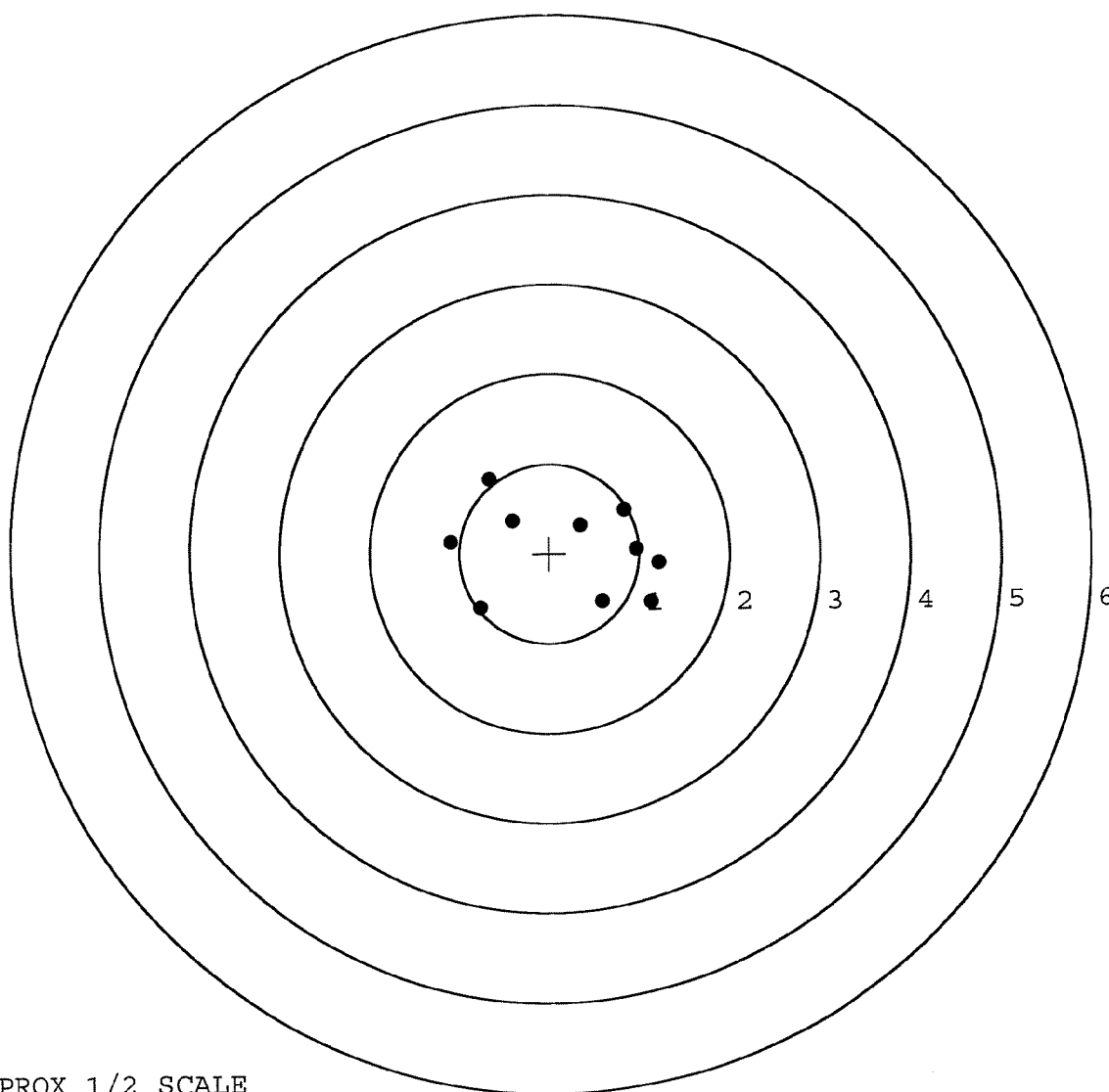
MAX RADIUS: 1.316

MEAN RADIUS: 0.901

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590203. __ 0

TARGET NUMBER: 4

FILE DATE: 09/20/2006

FILE TIME: 23:46

POINT#	X	Y
1:	0.033	0.980
2:	-0.088	0.817
3:	0.165	0.525
4:	-0.555	0.515
5:	-0.179	0.107
6:	-0.634	-0.178
7:	-1.007	-0.506
8:	-0.203	-0.785
9:	0.252	-0.674
10:	0.785	-0.104

X CENTROID: -0.143

Y CENTROID: 0.070

POA TO CENTROID: 0.159

HORZ SPREAD: 1.792

VERT SPREAD: 1.765

GROUP SPREAD: 1.837

MIN RADIUS: 0.052

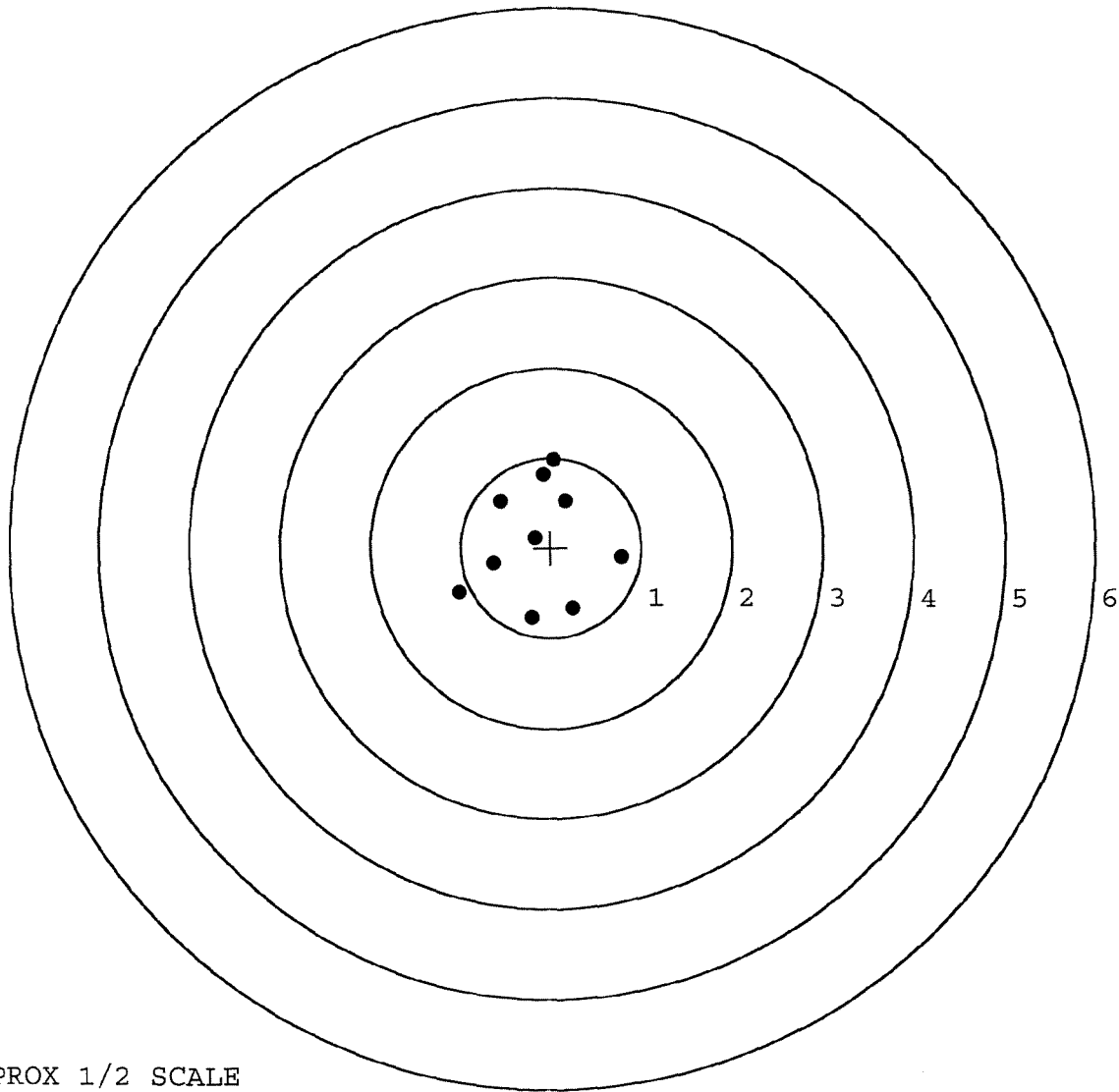
MAX RADIUS: 1.038

MEAN RADIUS: 0.712

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

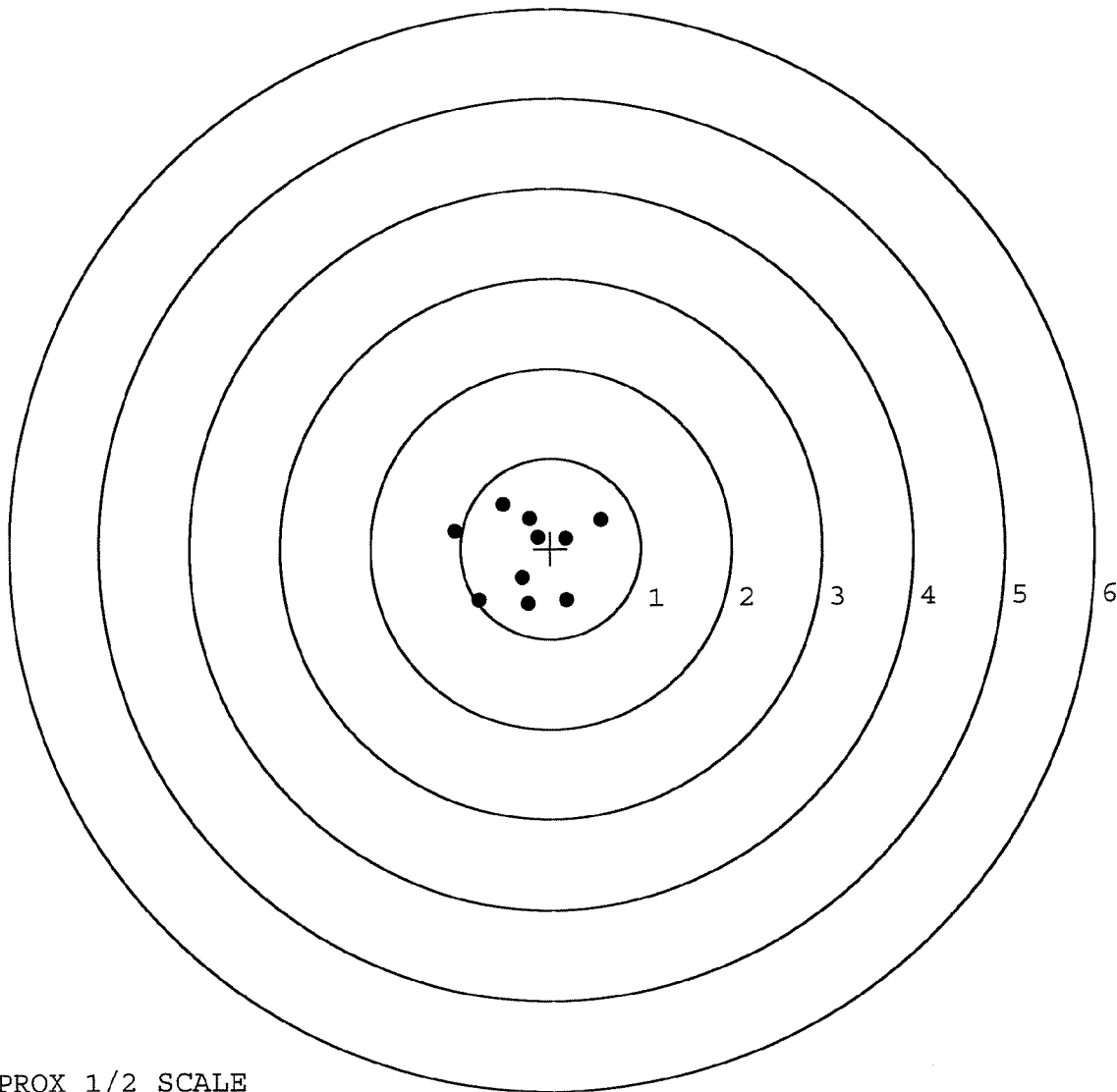


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590203.___0
 TARGET NUMBER: 5
 FILE DATE: 09/20/2006
 FILE TIME: 23:46

X CENTROID: -0.240
 Y CENTROID: -0.051
 POA TO CENTROID: 0.246
 HORZ SPREAD: 1.621
 VERT SPREAD: 1.099
 GROUP SPREAD: 1.624
 MIN RADIUS: 0.201
 MAX RADIUS: 0.878
 MEAN RADIUS: 0.564
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.179	-0.569
2:	-0.248	-0.611
3:	-0.316	-0.326
4:	-0.796	-0.566
5:	-1.061	0.203
6:	0.560	0.309
7:	0.173	0.109
8:	-0.143	0.125
9:	-0.231	0.327
10:	-0.522	0.488



TARGET APPROX 1/2 SCALE