

G6577254

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



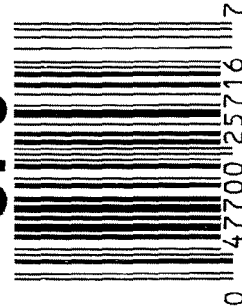
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6577254

UPC



ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYSTI

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M/24 7.62 NATO S.W.S. (COMPLETE SYSTI

UPC



SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6577254

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		10-13-06	RTK
420	ASSEMBLE ACTION		10-13-06	RTZ
430	ASSEMBLE TO STOCK		10-16-06	WR
440	PROOF		10-16-06	TRW
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	10-16-06	TRW
470	DIS-ASSEMBLE ACTION	OCT 17 2006	10-16-06	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>CPD</u>	10-17-06	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		10-17-06	CW
510	DRILL AND TAP SIGHT HOLES		10-16-06	SD
520	GOFF BLAST BBL / REC		10-18-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		10/24/06	FB
560	RE-ASSEMBLE ACTION		10-8-06	SD
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		11-8-06	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		11-8-06	SD
	D) OIL FIRING PIN ASSEMBLY		12-4-06	RLC
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		12/22/06	MTM

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>40</u> <u>50</u> <u>45</u>	12-13-06	SD
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>70</u> <u>70</u> <u>70</u>	12-13-06	SD
	H) TRIGGER PULL TEST AND RETAINABILITY		12/22/06	nom
	I) FIRING PIN INDENT .020 MIN	<u>.025</u> <u>.024</u> <u>.026</u>	12-13-06	SD
	J) ASSEMBLE STOCK		12-4-06	BLC
	K) ASSEMBLE SWIVEL STUDS		12/22/06	nom
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		12/22/06	nom
	M) IRON SIGHT ALIGNMENT		12/22/06	nom
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		12/22/06	nom
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	12/14/06	nom
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		12/10/06	MPD
670	FINAL INSPECTION A) HEADSPACE		12/22/06	nom
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.52</u> <u>2.48</u> <u>2.63</u> <u>2.30</u> <u>2.32</u>	12-13-06	BLC
	C) FUNCTION		12/22/06	nom
690	PACK		1-25-07	DA

F004 REV 5/2006

BARBER - M24 0087503
**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 11-14-06

TESTER RP

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	235	236		261	
PULL #2	235	234		248	
PULL #3	237	244		245	
PULL #4	230	236		244	
PULL #5	229	235		245	
TOTAL	1166	1185		1243	
AVERAGE	233	237		248	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	311	304		
PULL #2	307	296		
PULL #3	306	295		
PULL #4	318	292		
PULL #5	307	298		
TOTAL	1549	1485		
AVERAGE	309	297		

	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	408	397		419
PULL #2	403	418		399
PULL #3	391	394		408
PULL #4	420	391		409
PULL #5	418	393		398
TOTAL	2040	1993		2033
AVERAGE	408	398		406

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6577254.___0
FILE DATE AND TIME: 12/05/2006 06:11

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.049
The Average Y Centroid of the Five Target Set:	0.054
The Average Point of Impact of the Five Target Set:	0.072
The Average Mean Radius of the Five Target Set:	0.682
The Distance from POA to Centroid Target #1:	0.096
The Distance from Centroid Target #2 to Centroid Target #1:	0.101
The Distance from Centroid Target #3 to Centroid Target #1:	0.180
The Distance from Centroid Target #4 to Centroid Target #1:	0.215
The Distance from Centroid Target #5 to Centroid Target #1:	0.114

SERIAL NUMBER: G6577254. __0

TARGET NUMBER: 1

FILE DATE: 12/05/2006

FILE TIME: 06:11

X CENTROID: 0.016

Y CENTROID: 0.094

POA TO CENTROID: 0.096

HORZ SPREAD: 0.953

VERT SPREAD: 2.251

GROUP SPREAD: 2.304

MIN RADIUS: 0.458

MAX RADIUS: 1.185

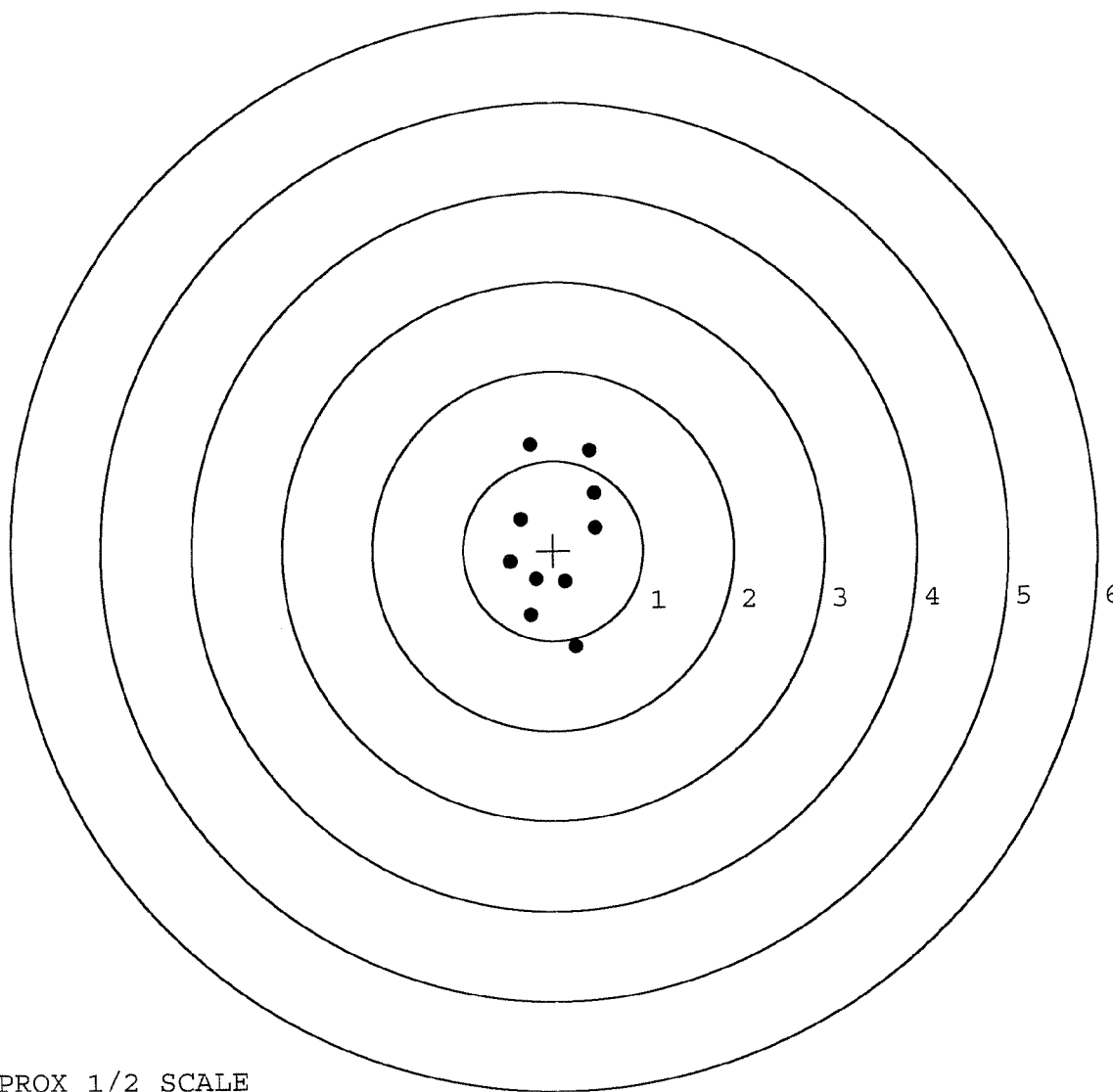
MEAN RADIUS: 0.737

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.251	1.182
2:	0.411	1.117
3:	0.463	0.636
4:	0.471	0.249
5:	-0.363	0.352
6:	-0.482	-0.127
7:	-0.195	-0.324
8:	0.127	-0.352
9:	-0.260	-0.719
10:	0.241	-1.069



TARGET APPROX 1/2 SCALE

BARBER - M24 0087506

SERIAL NUMBER: G6577254. __ 0

TARGET NUMBER: 2

FILE DATE: 12/05/2006

FILE TIME: 06:11

POINT#	X	Y
1:	-0.263	0.990
2:	0.022	0.911
3:	0.043	0.662
4:	-1.169	0.145
5:	-0.407	0.115
6:	0.036	-1.042
7:	0.158	-0.651
8:	0.059	-0.362
9:	0.389	-0.134
10:	0.300	0.142

X CENTROID: -0.083

Y CENTROID: 0.078

POA TO CENTROID: 0.114

HORZ SPREAD: 1.558

VERT SPREAD: 2.032

GROUP SPREAD: 2.054

MIN RADIUS: 0.326

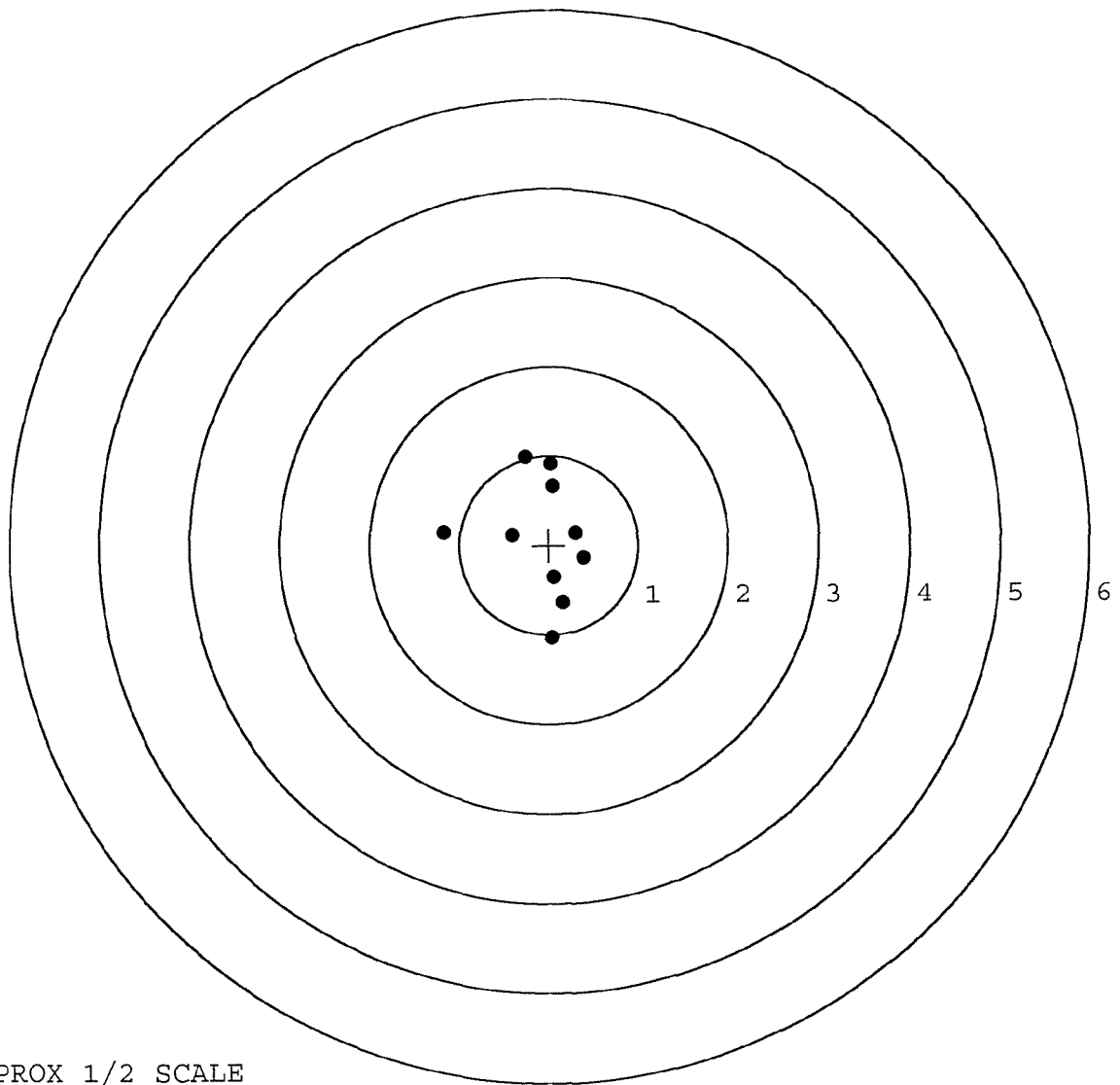
MAX RADIUS: 1.126

MEAN RADIUS: 0.704

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

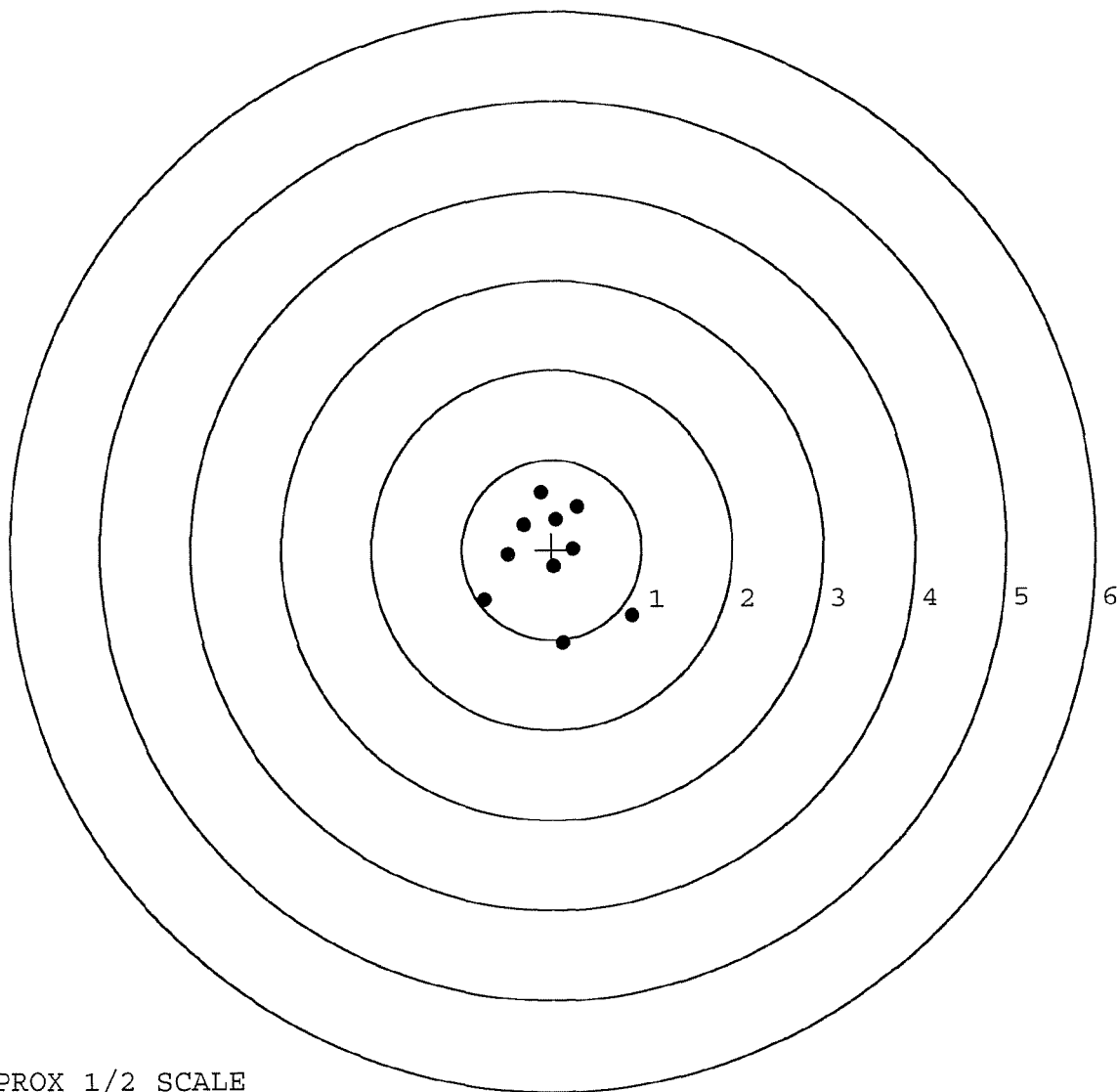


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577254. __0
 TARGET NUMBER: 3
 FILE DATE: 12/05/2006
 FILE TIME: 06:11

POINT#	- X	Y
1:	-0.748	-0.555
2:	0.120	-1.042
3:	0.889	-0.738
4:	-0.490	-0.056
5:	0.021	-0.188
6:	0.239	0.007
7:	0.283	0.481
8:	-0.123	0.638
9:	-0.318	0.276
10:	0.041	0.335

X CENTROID: -0.009
 Y CENTROID: -0.084
 POA TO CENTROID: 0.085
 HORZ SPREAD: 1.637
 VERT SPREAD: 1.680
 GROUP SPREAD: 1.708
 MIN RADIUS: 0.108
 MAX RADIUS: 1.110
 MEAN RADIUS: 0.607
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0087508

SERIAL NUMBER: G6577254. __0

TARGET NUMBER: 4

FILE DATE: 12/05/2006

FILE TIME: 06:11

POINT#	X	Y
1:	-0.760	1.663
2:	0.652	-0.871
3:	0.064	-0.704
4:	-0.271	-0.493
5:	-1.204	-0.478
6:	-0.806	0.373
7:	-0.448	0.483
8:	0.956	0.777
9:	0.051	0.774
10:	0.053	0.471

X CENTROID: -0.171

Y CENTROID: 0.199

POA TO CENTROID: 0.263

HORZ SPREAD: 2.160

VERT SPREAD: 2.534

GROUP SPREAD: 2.901

MIN RADIUS: 0.352

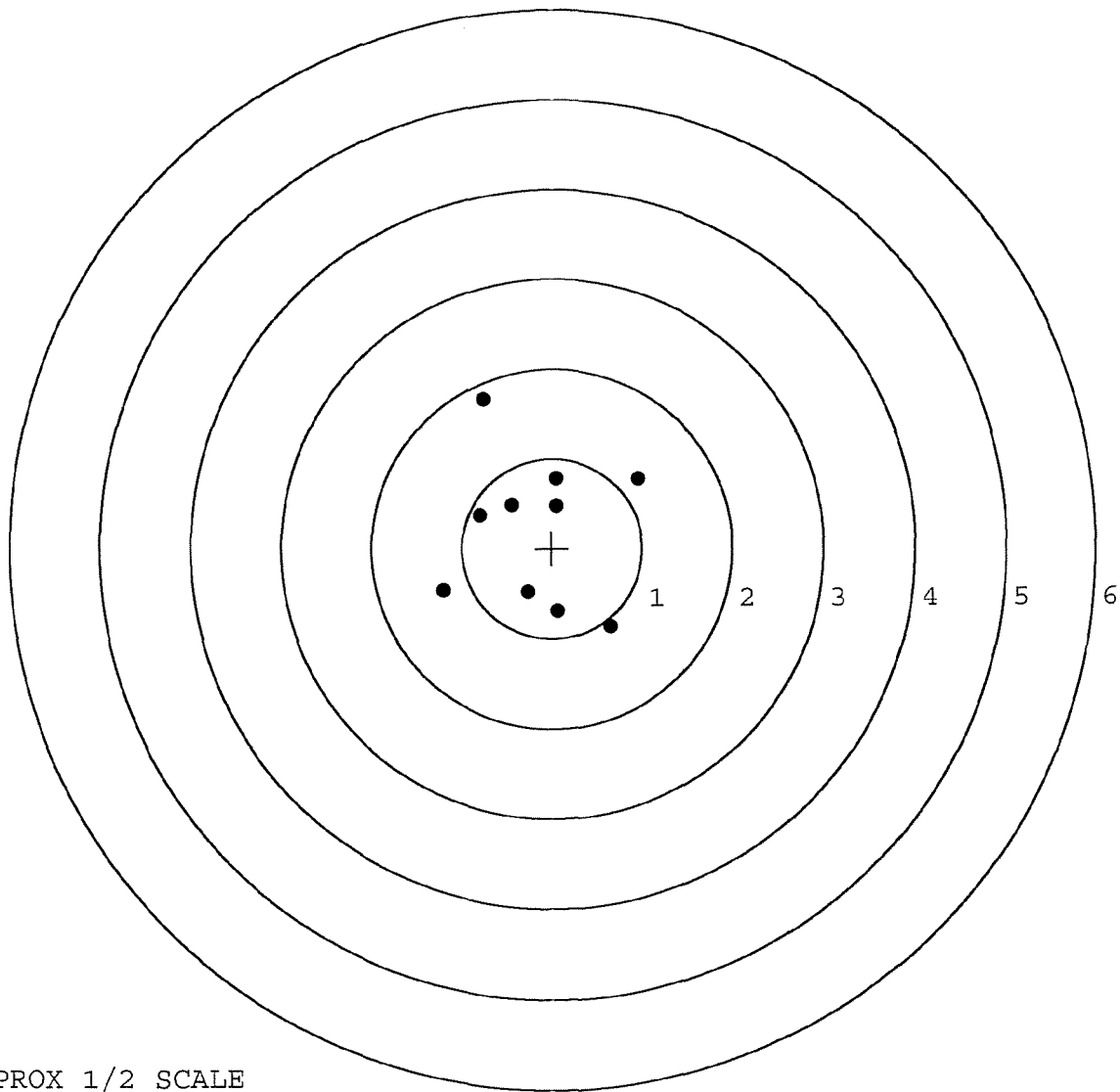
MAX RADIUS: 1.577

MEAN RADIUS: 0.909

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577254. __ 0

TARGET NUMBER: 5

FILE DATE: 12/05/2006

FILE TIME: 06:11

X CENTROID: 0.004

Y CENTROID: -0.019

POA TO CENTROID: 0.019

HORZ SPREAD: 1.347

VERT SPREAD: 1.410

GROUP SPREAD: 1.945

MIN RADIUS: 0.090

MAX RADIUS: 1.064

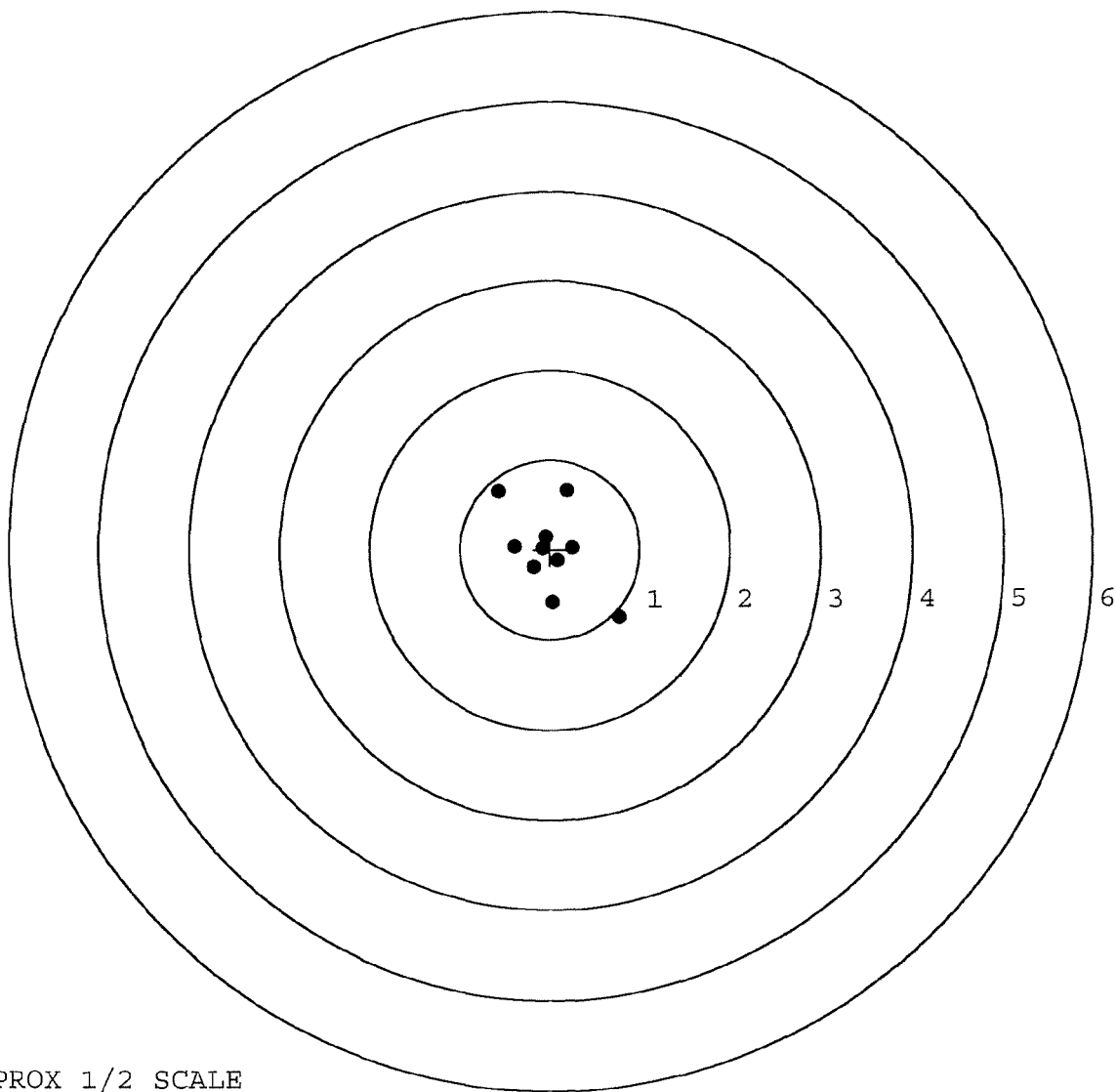
MEAN RADIUS: 0.453

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.771	-0.756
2:	0.032	-0.595
3:	0.193	0.654
4:	-0.576	0.647
5:	-0.400	0.028
6:	-0.048	0.140
7:	0.247	0.015
8:	-0.184	-0.204
9:	0.086	-0.128
10:	-0.081	0.011



TARGET APPROX 1/2 SCALE