

G6577191

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

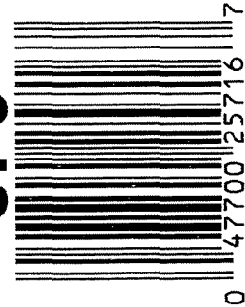
24"

CAPACITY

6

G6577191

UPC



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

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UPC



SERIAL NO.



M-24
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6577191

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			
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>mm8</u>	9/5/06	mm8
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>6²</u> <u>8²</u> <u>8²</u>	10-2-06	SD
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>4²</u> <u>4⁵</u> <u>4²</u>	10-2-06	SD
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.026</u> <u>.027</u> <u>.025</u>	10-2-06	SD
	J) ASSEMBLE STOCK		9-15-06	RTZ
	K) ASSEMBLE SWIVEL STUDS		11-8-06	R.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	9-15-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		9-15-06	DK
670	FINAL INSPECTION A) HEADSPACE		11-8-06	R.P.D.
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.81</u> <u>2.63</u> <u>2.65</u> <u>2.59</u> <u>2.54</u>	9-18-06	TRW
	C) FUNCTION		11-8-06	R.P.D.
690	PACK		11/9/06	PA

F004 REV 5/2006

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 R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	233	229		245	
PULL #2	240	237		246	
PULL #3	241	234		244	
PULL #4	243	234		247	
PULL #5	239	241		249	
TOTAL	1196	1175		1231	
AVERAGE	239	235		246	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	312	304		
PULL #2	313	303		
PULL #3	312	306		
PULL #4	309	303		
PULL #5	311	305		
TOTAL	1557	1521		
AVERAGE	311	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	404	406		397
PULL #2	401	403		402
PULL #3	400	405		405
PULL #4	398	403		405
PULL #5	399	406		406
TOTAL	2002	2023		2015
AVERAGE	400	404		403

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6577191.___0
FILE DATE AND TIME: 09/18/2006 05:37

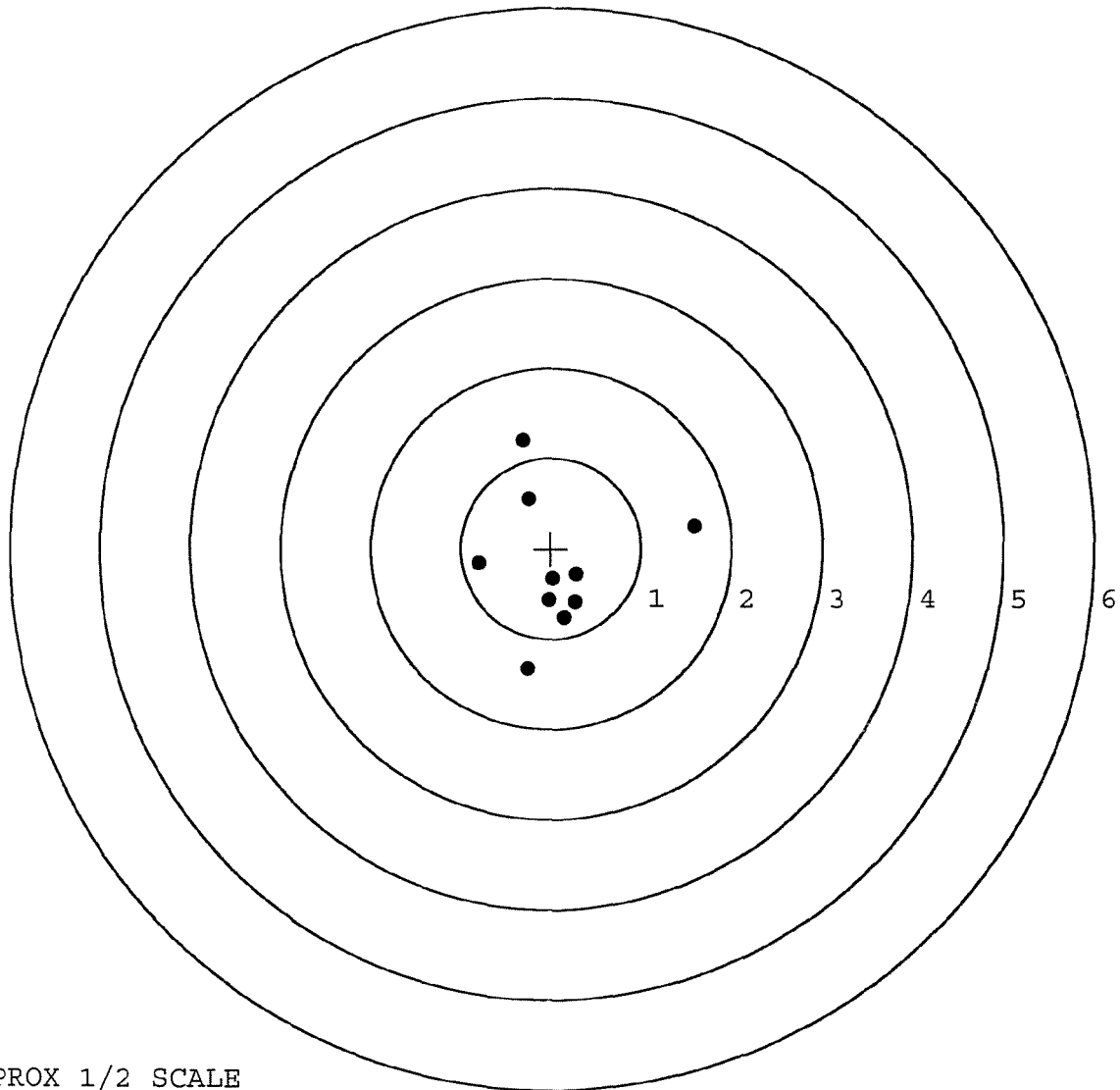
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.008
The Average Y Centroid of the Five Target Set:	-0.035
The Average Point of Impact of the Five Target Set:	0.036
The Average Mean Radius of the Five Target Set:	0.624
The Distance from POA to Centroid Target #1:	0.220
The Distance from Centroid Target #2 to Centroid Target #1:	0.186
The Distance from Centroid Target #3 to Centroid Target #1:	0.275
The Distance from Centroid Target #4 to Centroid Target #1:	0.268
The Distance from Centroid Target #5 to Centroid Target #1:	0.232

SERIAL NUMBER: G6577191. __0
TARGET NUMBER: 1
FILE DATE: 09/18/2006
FILE TIME: 05:37

X CENTROID: 0.067
Y CENTROID: -0.210
POA TO CENTROID: 0.220
HORZ SPREAD: 2.391
VERT SPREAD: 2.527
GROUP SPREAD: 2.428
MIN RADIUS: 0.135
MAX RADIUS: 1.587
MEAN RADIUS: 0.765
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.248	-1.339
2:	-0.805	-0.169
3:	-0.253	0.543
4:	-0.317	1.188
5:	1.586	0.252
6:	0.286	-0.291
7:	0.026	-0.338
8:	0.267	-0.596
9:	-0.023	-0.577
10:	0.156	-0.770

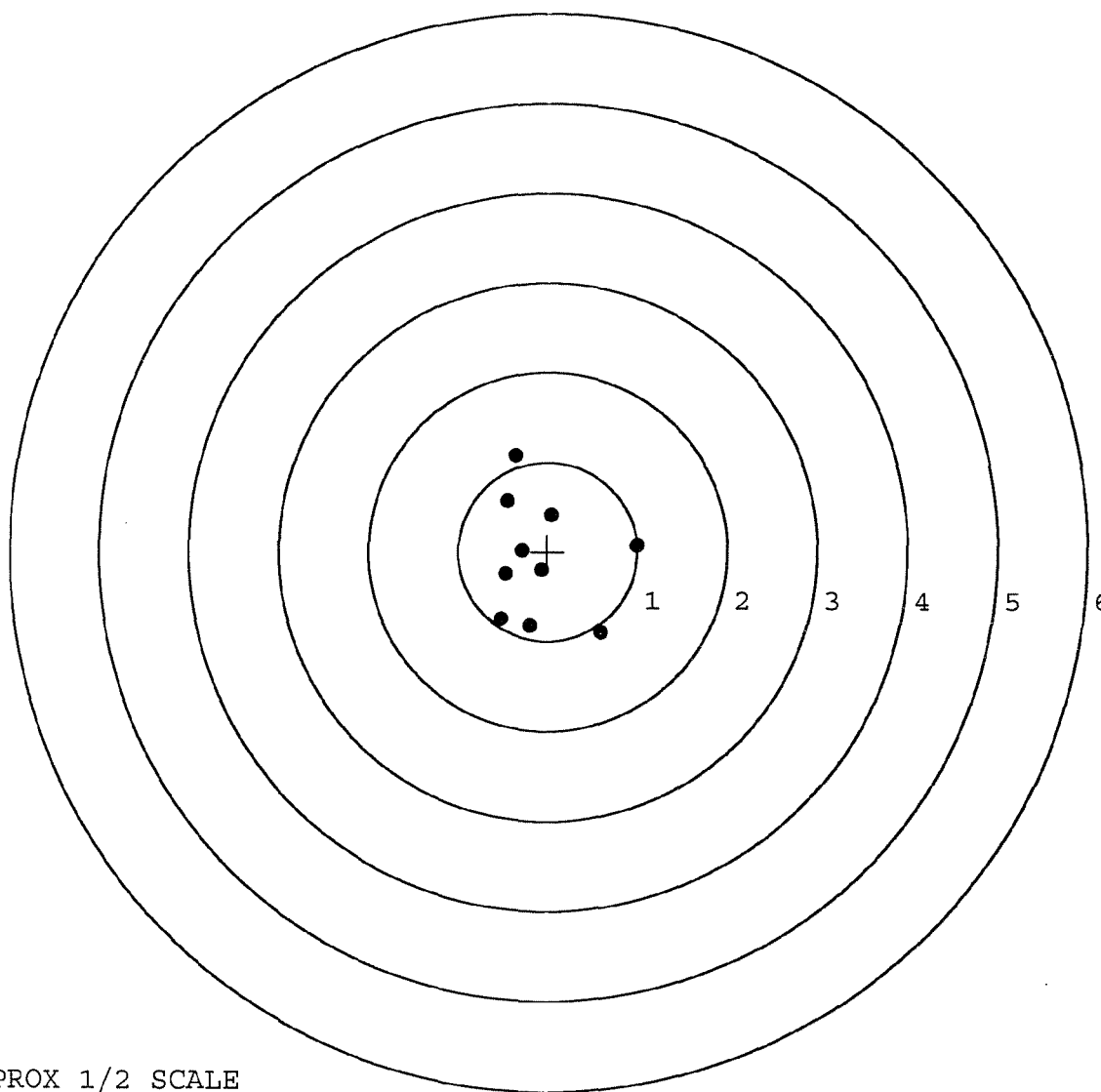


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577191. __0
TARGET NUMBER: 2
FILE DATE: 09/18/2006
FILE TIME: 05:37

POINT#	X	Y
1:	-0.365	1.069
2:	-0.451	0.563
3:	0.043	0.407
4:	-0.281	0.015
5:	-0.467	-0.256
6:	-0.069	-0.210
7:	-0.525	-0.765
8:	-0.196	-0.835
9:	0.604	-0.907
10:	0.997	0.067

X CENTROID: -0.071
Y CENTROID: -0.085
POA TO CENTROID: 0.111
HORZ SPREAD: 1.522
VERT SPREAD: 1.976
GROUP SPREAD: 2.201
MIN RADIUS: 0.125
MAX RADIUS: 1.191
MEAN RADIUS: 0.696
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



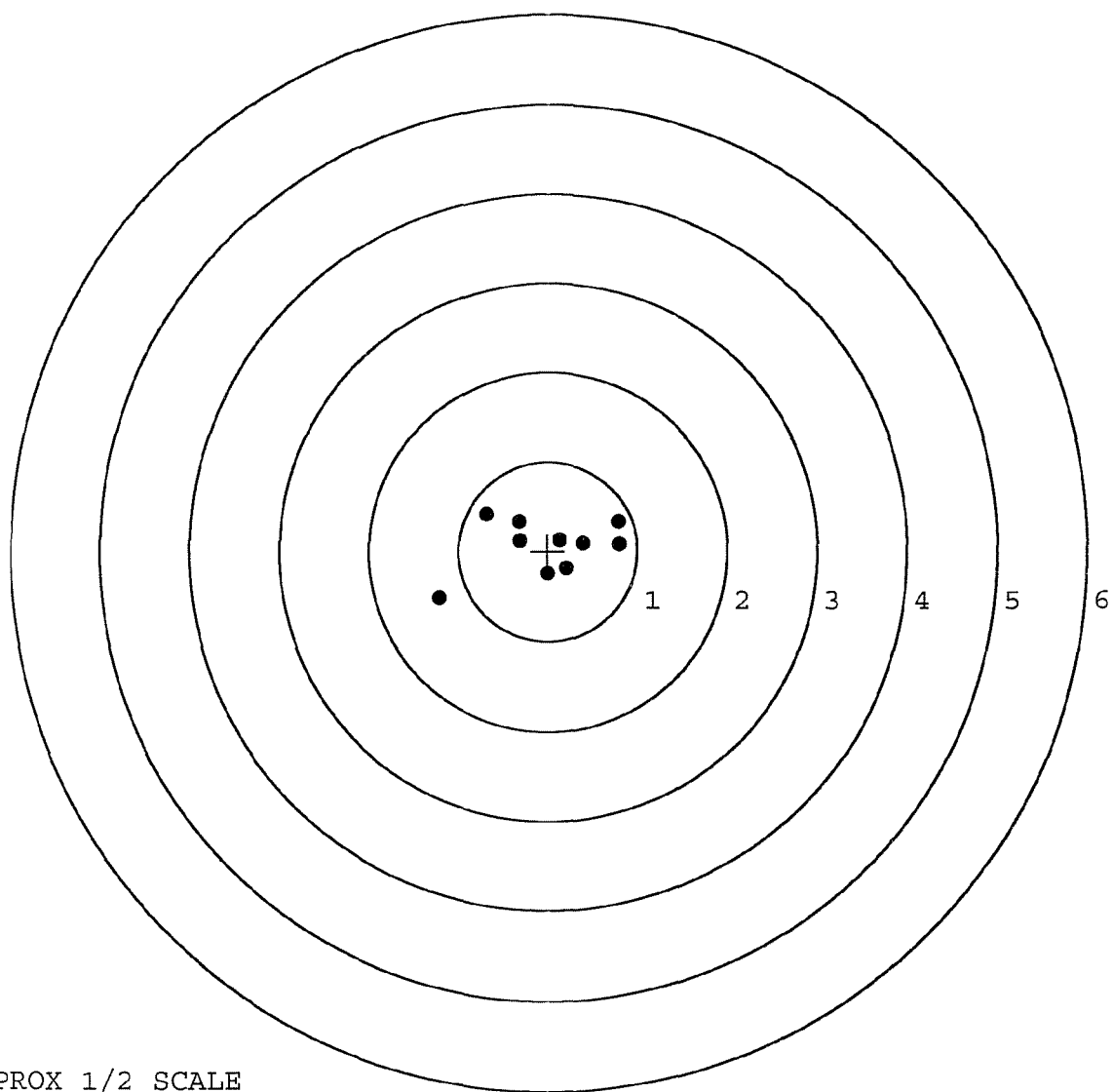
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577191. __0
TARGET NUMBER: 3
FILE DATE: 09/18/2006
FILE TIME: 05:37

X CENTROID: -0.022
Y CENTROID: 0.050
POA TO CENTROID: 0.055
HORZ SPREAD: 2.011
VERT SPREAD: 0.947
GROUP SPREAD: 2.179
MIN RADIUS: 0.168
MAX RADIUS: 1.323
MEAN RADIUS: 0.572

POINT#	X	Y
1:	-1.209	-0.533
2:	0.793	0.328
3:	0.802	0.080
4:	-0.693	0.414
5:	-0.322	0.331
6:	-0.319	0.116
7:	-0.006	-0.255
8:	0.210	-0.196
9:	0.398	0.091
10:	0.129	0.124

IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



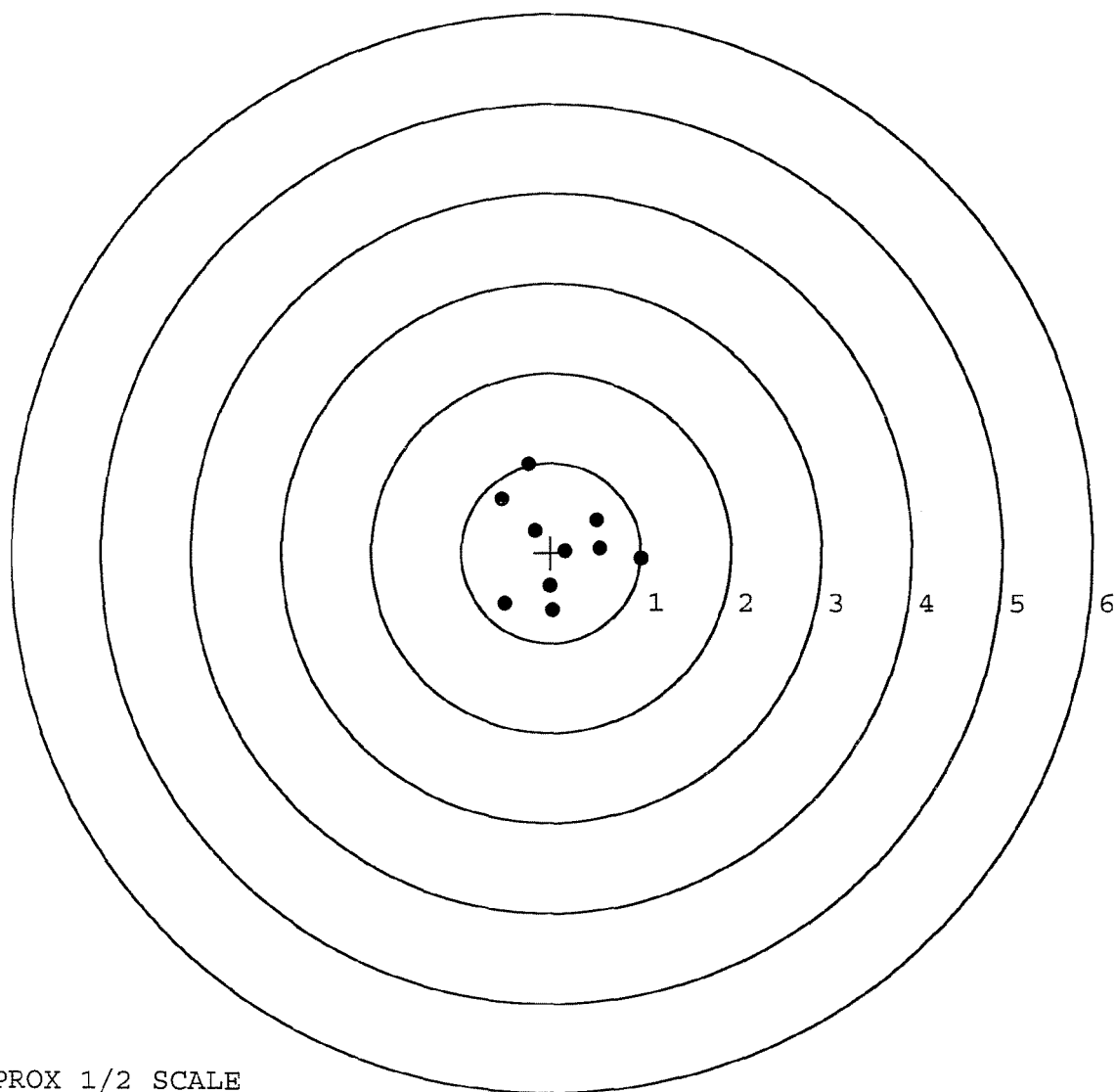
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577191. __0
TARGET NUMBER: 4
FILE DATE: 09/18/2006
FILE TIME: 05:37

X CENTROID: 0.074
Y CENTROID: 0.059
POA TO CENTROID: 0.094
HORZ SPREAD: 1.551
VERT SPREAD: 1.614
GROUP SPREAD: 1.639
MIN RADIUS: 0.098
MAX RADIUS: 0.978
MEAN RADIUS: 0.615

POINT#	X	Y
1:	-0.254	0.980
2:	-0.549	0.598
3:	-0.184	0.238
4:	1.002	-0.067
5:	0.508	0.355
6:	0.548	0.045
7:	0.163	0.017
8:	-0.519	-0.572
9:	0.033	-0.634
10:	-0.009	-0.375

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

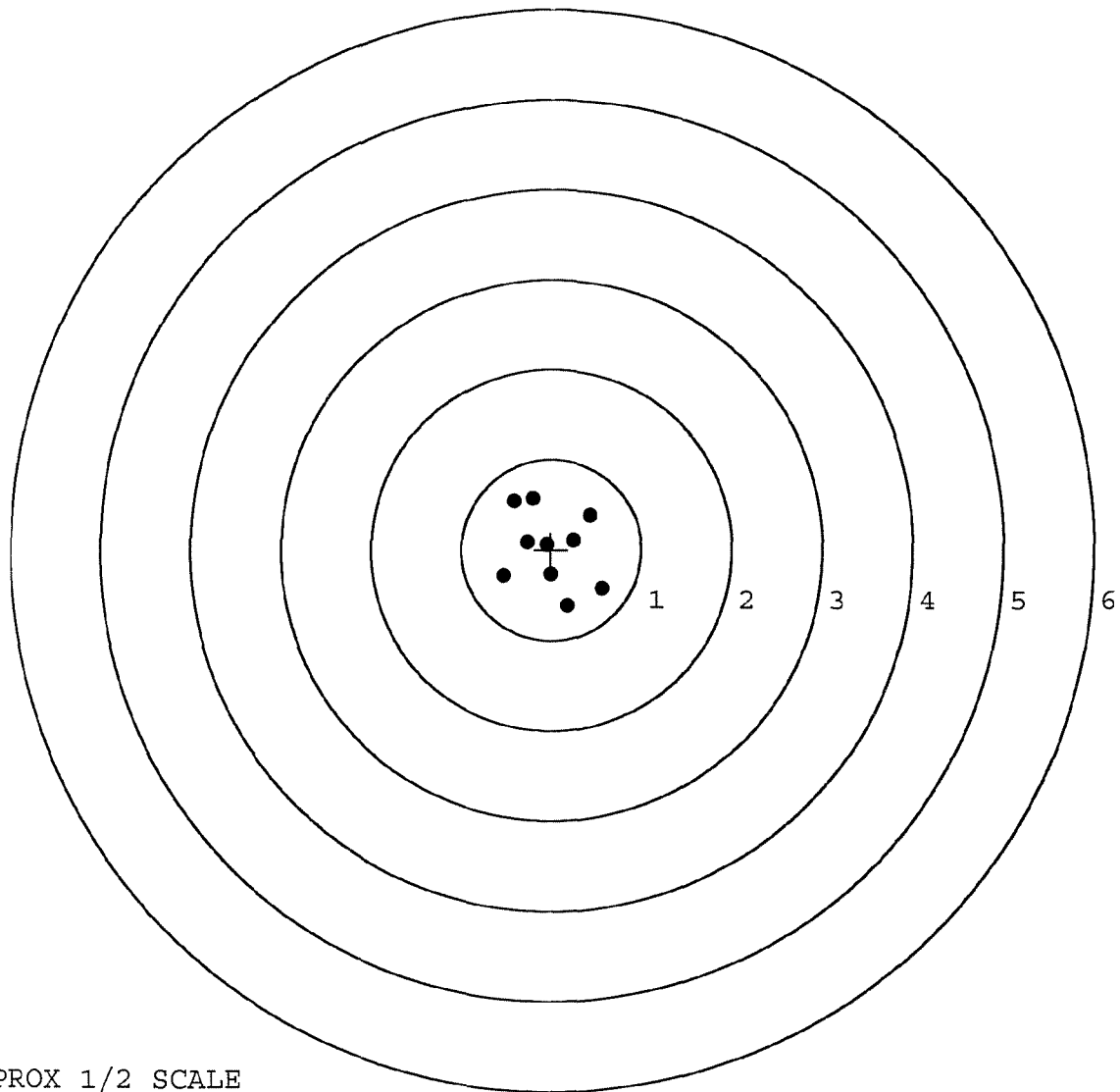


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577191. __0
TARGET NUMBER: 5
FILE DATE: 09/18/2006
FILE TIME: 05:37

X CENTROID: -0.006
Y CENTROID: 0.010
POA TO CENTROID: 0.012
HORZ SPREAD: 1.100
VERT SPREAD: 1.188
GROUP SPREAD: 1.380
MIN RADIUS: 0.066
MAX RADIUS: 0.724
MEAN RADIUS: 0.470
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.568	-0.432
2:	0.182	-0.625
3:	-0.532	-0.291
4:	0.427	0.381
5:	0.240	0.105
6:	-0.004	-0.277
7:	-0.213	0.563
8:	-0.416	0.535
9:	-0.263	0.081
10:	-0.051	0.058



TARGET APPROX 1/2 SCALE