

G 659.1691

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



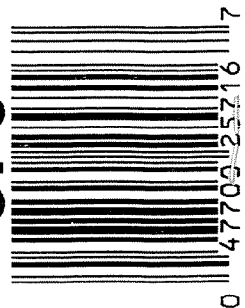
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6591691

UPC



ORDER ~~25716~~ **25716**
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 # G 6591691

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		9-25-06	RTZ
420	ASSEMBLE ACTION		9-25-06	RTZ
430	ASSEMBLE TO STOCK		9-26-06	DK
440	PROOF	MAGNA-FLUX	9-26-06	TRW
460	CHECK HEADSPACE	INSPECTED	9-26-06	TRW
470	DIS-ASSEMBLE ACTION	SEP 1 2006	9-26-06	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <i>mmms</i>	9/27/06	<i>mmms</i>
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		9-27-06	CW
510	DRILL AND TAP SIGHT HOLES		9-27-06	TRW
520	GOFF BLAST BBL / REC		9-27-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		9/29/06	RS
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9/29/06	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9/29/06	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9/29/06	DA
	D) OIL FIRING PIN ASSEMBLY		10-2-06	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>7⁵</u> <u>7²</u> <u>7²</u>	10-4-06	SD
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>4⁵</u> <u>5²</u> <u>5⁵</u>	10-4-06	SD
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.025</u> <u>.024</u> <u>.024</u>	10-4-06	SD
	J) ASSEMBLE STOCK		10-2-06	RTZ
	K) ASSEMBLE SWIVEL STUDS		11-6-06	RTZ
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		10-2-06	RTZ
	M) IRON SIGHT ALIGNMENT		10-2-06	RTZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		10-2-06	RTZ
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	10-3-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		10-3-06	DK
670	FINAL INSPECTION A) HEADSPACE		11-6-06	RTZ
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.75</u> <u>2.80</u> <u>2.81</u> <u>2.78</u> <u>2.79</u>	10-4-06	SD
	C) FUNCTION		11-6-06	RTZ
690	PACK		11/9/06	DA

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 9-29-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	230	245		248	
PULL #2	235	252		241	
PULL #3	231	237		238	
PULL #4	243	238		234	
PULL #5	254	241		233	
TOTAL	1193	1213		1194	
AVERAGE	238	242		238	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	325	285		
PULL #2	318	296		
PULL #3	317	301		
PULL #4	308	301		
PULL #5	320	303		
TOTAL	1588	1486		
AVERAGE	317	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	399		4.01
PULL #2	408	385		4.00
PULL #3	408	394		4.02
PULL #4	412	390		4.01
PULL #5	419	385		4.03
TOTAL	2055	1953		20.07
AVERAGE	411	390		4.01

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6591691.___0
FILE DATE AND TIME: 10/04/2006 05:14

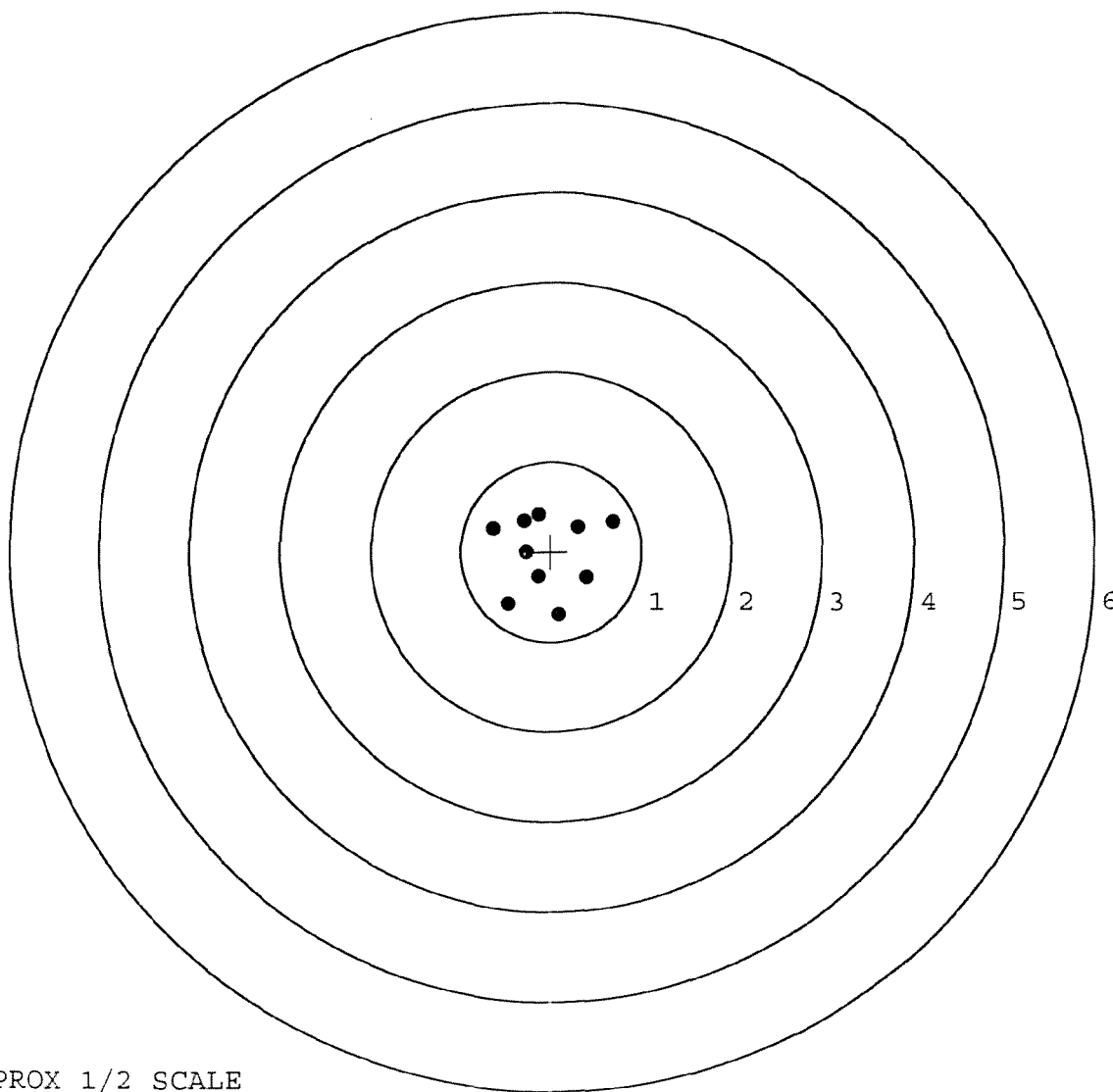
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.020
The Average Y Centroid of the Five Target Set:	0.006
The Average Point of Impact of the Five Target Set:	0.020
The Average Mean Radius of the Five Target Set:	0.625
The Distance from POA to Centroid Target #1:	0.058
The Distance from Centroid Target #2 to Centroid Target #1:	0.146
The Distance from Centroid Target #3 to Centroid Target #1:	0.141
The Distance from Centroid Target #4 to Centroid Target #1:	0.069
The Distance from Centroid Target #5 to Centroid Target #1:	0.082

SERIAL NUMBER: G6591691. __0
TARGET NUMBER: 1
FILE DATE: 10/04/2006
FILE TIME: 05:14

POINT#	X	Y
1:	0.092	-0.705
2:	-0.480	-0.575
3:	0.395	-0.286
4:	-0.144	-0.279
5:	0.684	0.332
6:	0.294	0.271
7:	-0.274	-0.002
8:	-0.144	0.411
9:	-0.645	0.255
10:	-0.306	0.344

X CENTROID: -0.053
Y CENTROID: -0.023
POA TO CENTROID: 0.058
HORZ SPREAD: 1.329
VERT SPREAD: 1.116
GROUP SPREAD: 1.476
MIN RADIUS: 0.222
MAX RADIUS: 0.818
MEAN RADIUS: 0.522
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

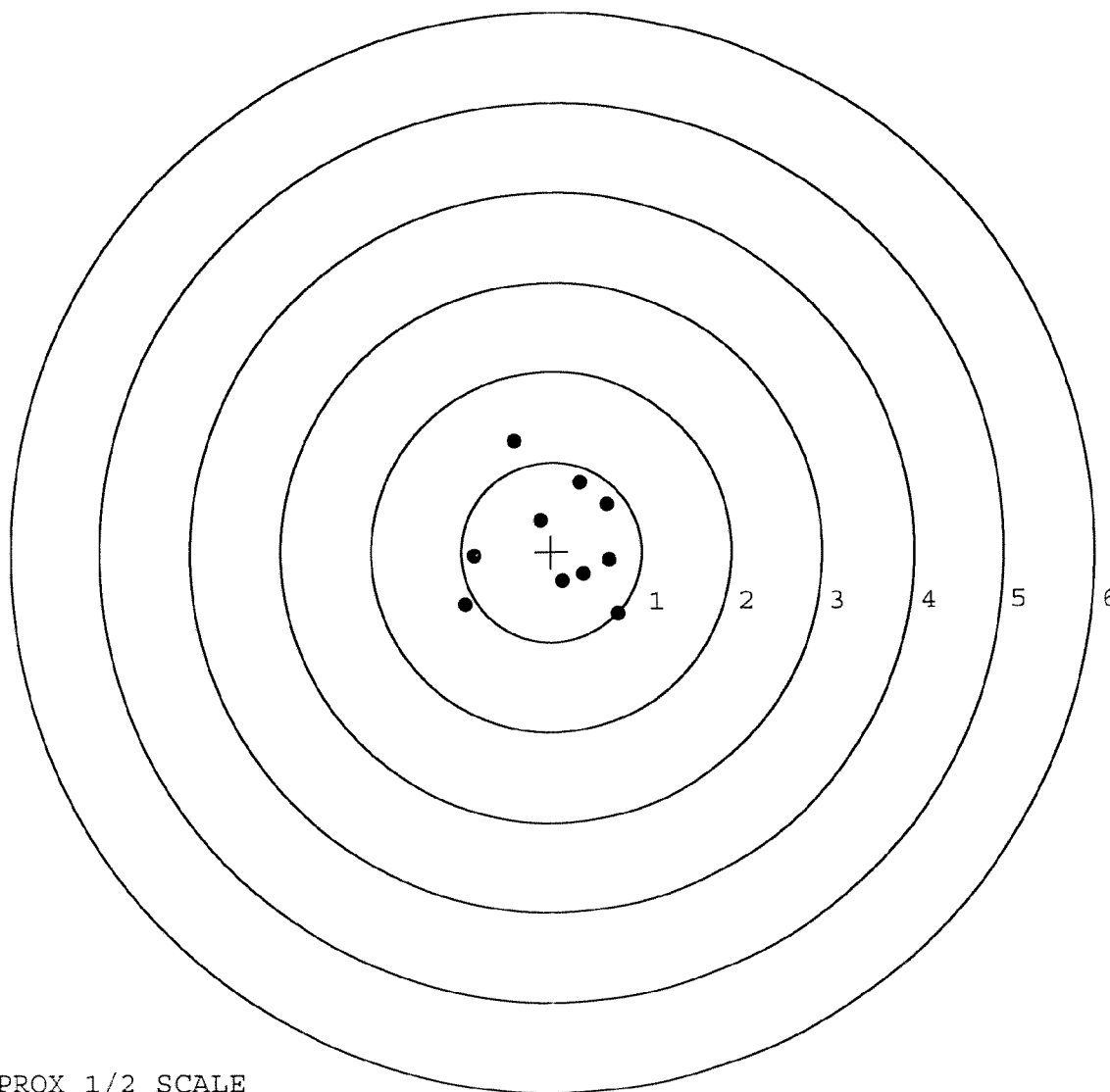


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591691. __0
TARGET NUMBER: 2
FILE DATE: 10/04/2006
FILE TIME: 05:14

POINT#	X	Y
1:	-0.959	-0.591
2:	-0.854	-0.051
3:	-0.412	1.236
4:	-0.122	0.348
5:	0.319	0.773
6:	0.619	0.521
7:	0.736	-0.697
8:	0.642	-0.100
9:	0.356	-0.259
10:	0.122	-0.329

X CENTROID: 0.045
Y CENTROID: 0.085
POA TO CENTROID: 0.096
HORZ SPREAD: 1.695
VERT SPREAD: 1.933
GROUP SPREAD: 2.248
MIN RADIUS: 0.311
MAX RADIUS: 1.238
MEAN RADIUS: 0.768
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

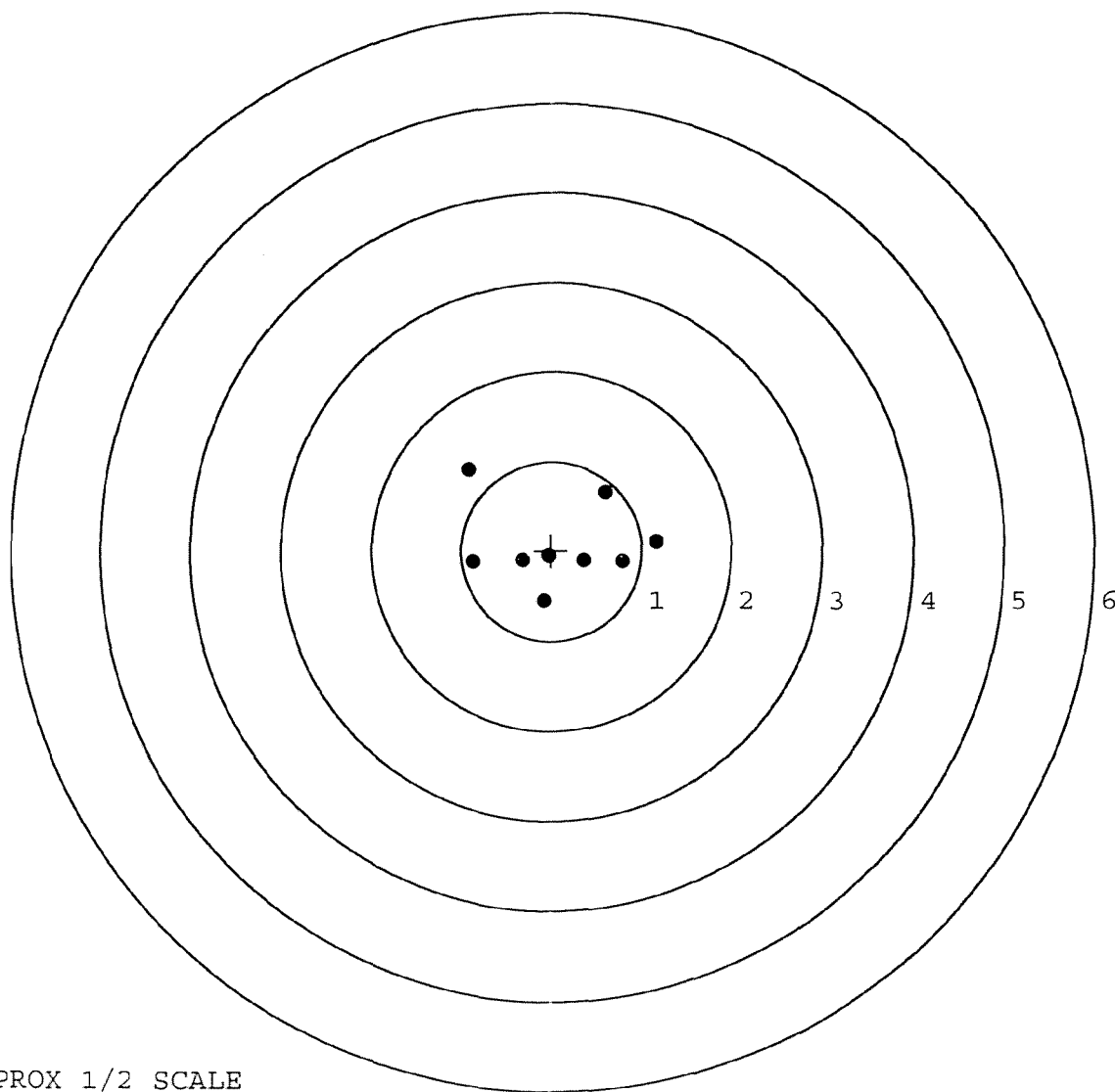


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591691. __0
TARGET NUMBER: 3
FILE DATE: 10/04/2006
FILE TIME: 05:14

POINT#	X	Y
1:	-0.920	0.911
2:	0.596	0.655
3:	1.155	0.105
4:	0.789	-0.121
5:	0.360	-0.116
6:	-0.081	-0.561
7:	-0.024	-0.062
8:	-0.315	-0.107
9:	-0.870	-0.133
10:	-0.030	-0.054

X CENTROID: 0.066
Y CENTROID: 0.052
POA TO CENTROID: 0.084
HORZ SPREAD: 2.075
VERT SPREAD: 1.472
GROUP SPREAD: 2.226
MIN RADIUS: 0.143
MAX RADIUS: 1.308
MEAN RADIUS: 0.657
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

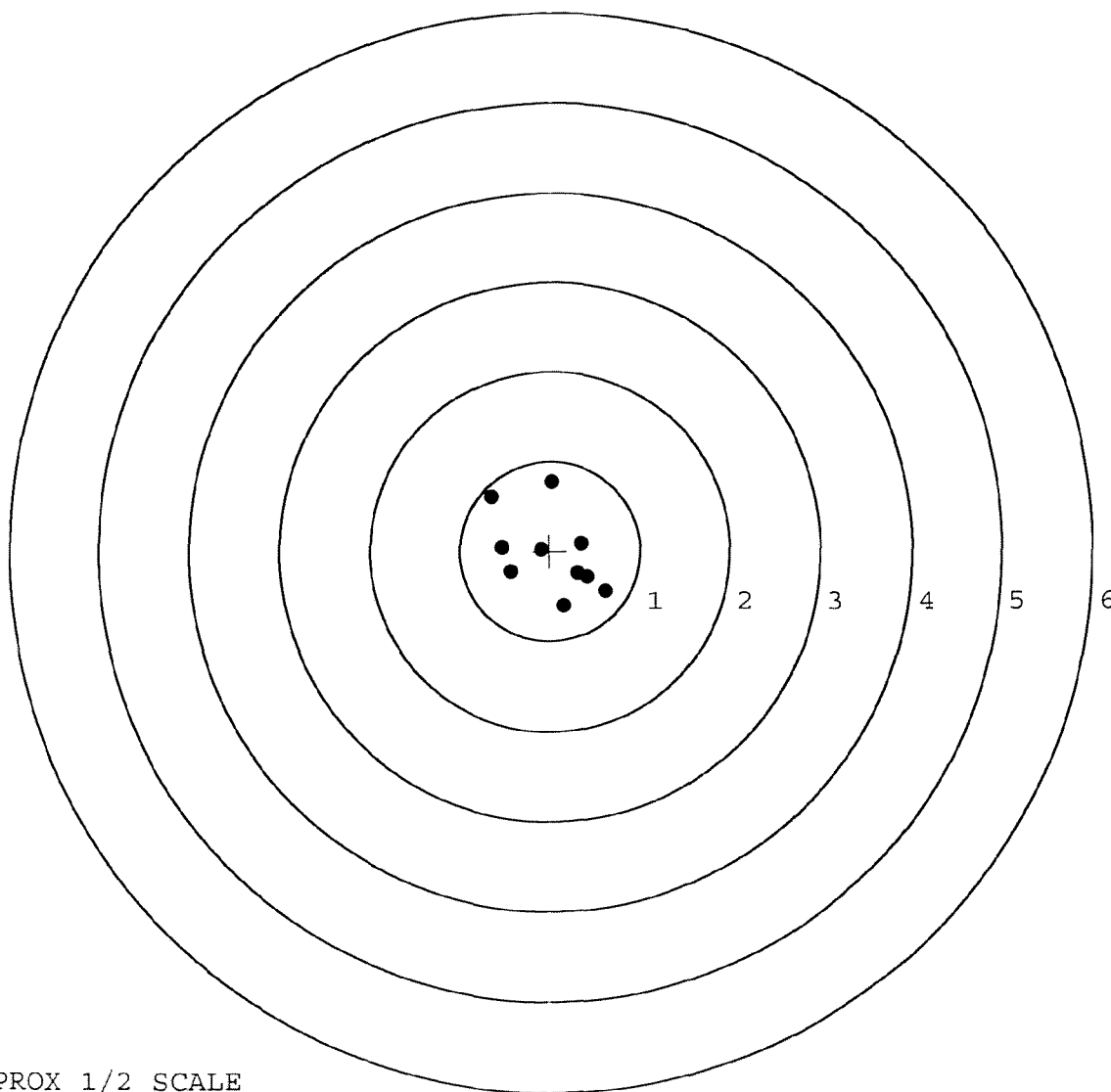


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591691. __0
TARGET NUMBER: 4
FILE DATE: 10/04/2006
FILE TIME: 05:14

POINT#	X	Y
1:	0.026	0.771
2:	-0.651	0.613
3:	-0.531	0.045
4:	-0.436	-0.230
5:	-0.097	0.015
6:	0.346	0.082
7:	0.311	-0.246
8:	0.420	-0.293
9:	0.615	-0.447
10:	0.159	-0.620

X CENTROID: 0.016
Y CENTROID: -0.031
POA TO CENTROID: 0.035
HORZ SPREAD: 1.266
VERT SPREAD: 1.391
GROUP SPREAD: 1.651
MIN RADIUS: 0.122
MAX RADIUS: 0.927
MEAN RADIUS: 0.543
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

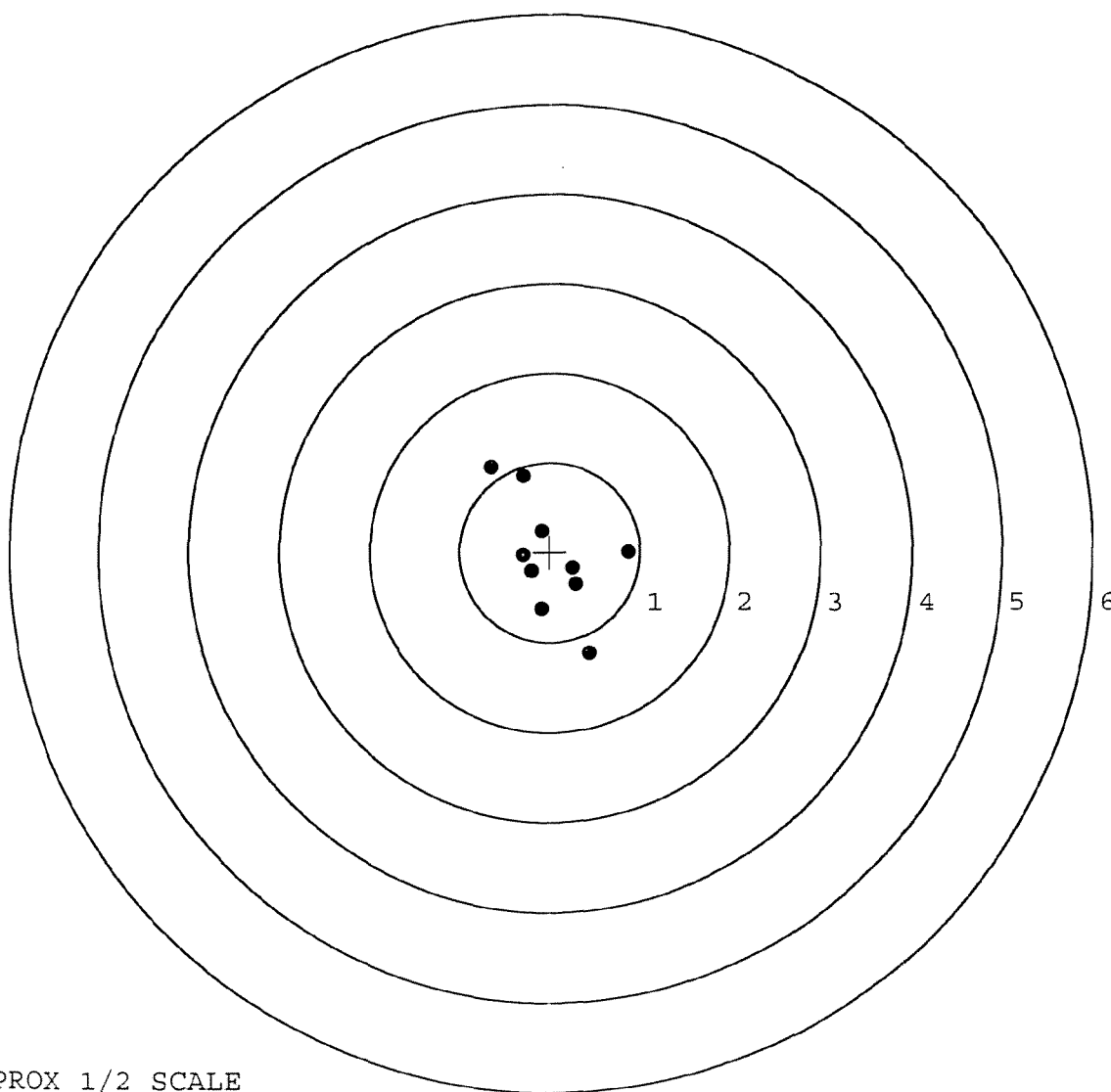


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591691. __0
TARGET NUMBER: 5
FILE DATE: 10/04/2006
FILE TIME: 05:14

POINT#	X	Y
1:	0.445	-1.124
2:	-0.096	-0.638
3:	0.875	-0.002
4:	0.289	-0.362
5:	0.259	-0.185
6:	-0.203	-0.217
7:	-0.294	-0.039
8:	-0.094	0.228
9:	-0.297	0.848
10:	-0.649	0.949

X CENTROID: 0.024
Y CENTROID: -0.054
POA TO CENTROID: 0.059
HORZ SPREAD: 1.524
VERT SPREAD: 2.073
GROUP SPREAD: 2.344
MIN RADIUS: 0.269
MAX RADIUS: 1.208
MEAN RADIUS: 0.634
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE