

1
G-6577131

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



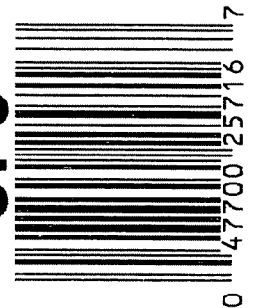
owner registration sticker



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6577131

UPC



ORDER **25716**
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

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ORDER **25716**
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

UPC



SERIAL NO.



M-24
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6577131

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		8-3-06	RLG
420	ASSEMBLE ACTION		8-3-06	BLG
430	ASSEMBLE TO STOCK		8-4-06	DK
440	PROOF	MAGNA-FLUX	8-4-06	BLG
460	CHECK HEADSPACE	INSPECTED	8-4-06	BLG
470	DIS-ASSEMBLE ACTION	AUG 14 2006	8-4-06	BLG
480	MAGNAFLUX BBL ACTION	OPERATOR <u>CPD</u>	8-14-06	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		8-14-06	CW
510	DRILL AND TAP SIGHT HOLES		8-11-06	RLW
520	GOFF BLAST BBL / REC		8-14-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		8/17/06	RB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		8-17-06	RTZ
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		8-17-06	RTZ
	C) INSPECT EJECTOR HOLE FOR CHAMFER		8-17-06	RTZ
	D) OIL FIRING PIN ASSEMBLY		8-17-06	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>5.2</u> <u>5.5</u> <u>5.2</u>	8-18-06	DA
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.2</u> <u>2.2</u> <u>2.2</u>	8-18-06	DA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.025</u> <u>.025</u>	8-18-06	DA
	J) ASSEMBLE STOCK		8-17-06	RTL
	K) ASSEMBLE SWIVEL STUDS		8-18-06	RTL
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		8-17-06	BLC-
	M) IRON SIGHT ALIGNMENT		8-17-06	BLC-
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		8-17-06	BLC-
640 & 650	FUNCTION TEST AND TARGET	PASS FAIL PASS FAIL	8-17-06	L.P.D.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		8/17/06	M.G.D.
670	FINAL INSPECTION A) HEADSPACE		8-18-06	RTL
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>242</u> <u>241</u> <u>242</u> <u>241</u> <u>245</u>	8/23/06	RP
	C) FUNCTION		8-18-06	RTL
690	PACK		11/13/06	RTL

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 8-16-00

TESTER mth

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.43	2.66		2.37	
PULL #2	2.44	2.50		2.49	
PULL #3	2.58	2.60		2.48	
PULL #4	2.48	2.61		2.53	
PULL #5	2.64	2.72		2.31	
TOTAL	12.60	13.09		12.18	
AVERAGE	2.52	2.62		2.44	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.00	3.18		
PULL #2	2.91	3.16		
PULL #3	2.91	2.90		
PULL #4	3.00	3.18		
PULL #5	3.10	3.17		
TOTAL	14.98	15.59		
AVERAGE	3.00	3.12		

	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	4.03	4.13		4.06
PULL #2	3.87	3.98		4.13
PULL #3	4.04	4.01		4.21
PULL #4	4.12	4.02		4.03
PULL #5	4.11	4.03		4.14
TOTAL	20.20	20.17		20.57
AVERAGE	4.04	4.03		4.11

EVALUATION RECORD - M-24 TRIGGER ASSEMBLY

F005 REV 5/2006

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400085803

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6577131.___1

FILE DATE AND TIME: 08/17/2006 20:29

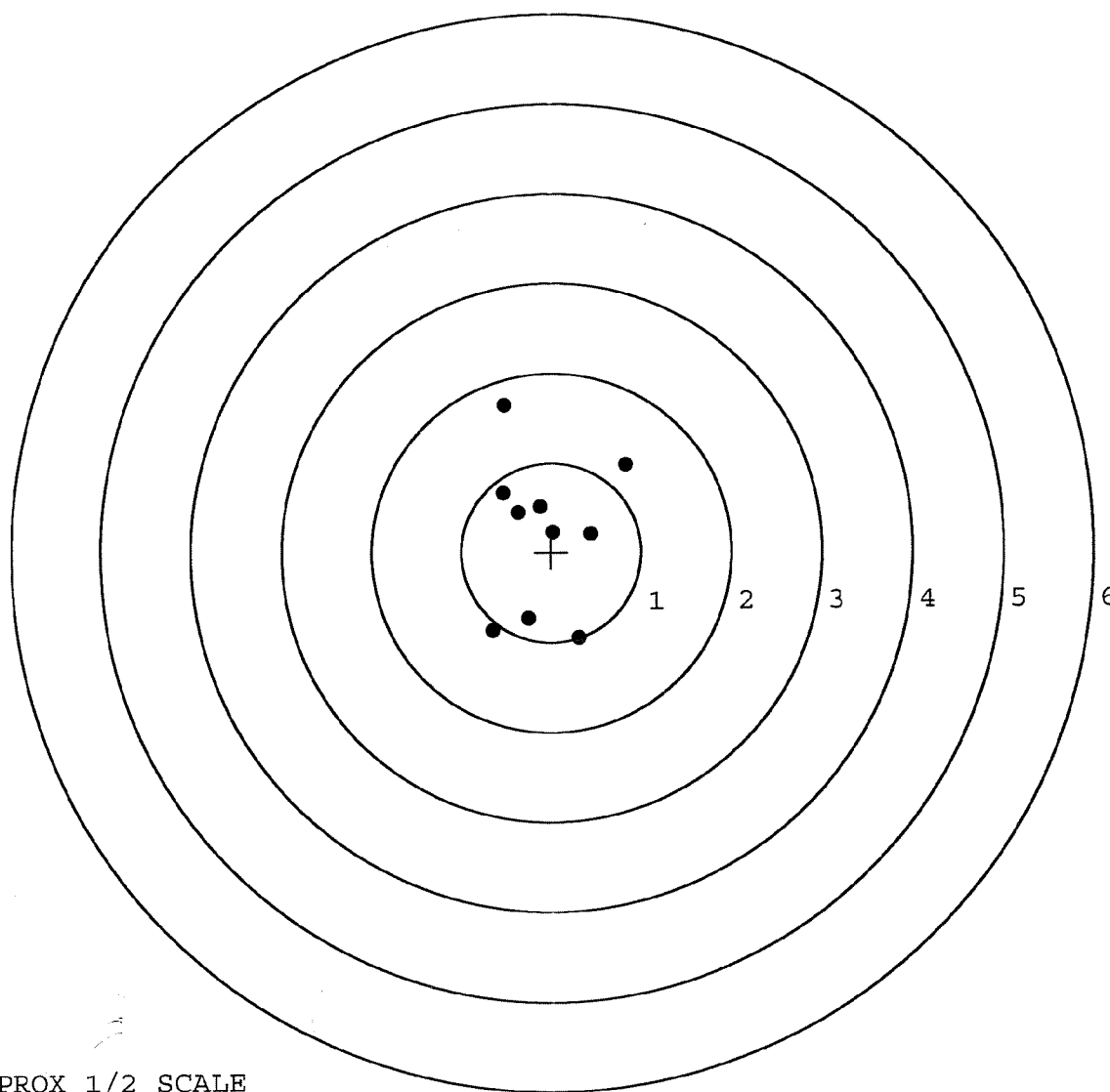
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.017
The Average Y Centroid of the Five Target Set:	0.080
The Average Point of Impact of the Five Target Set:	0.082
The Average Mean Radius of the Five Target Set:	0.684
The Distance from POA to Centroid Target #1:	0.226
The Distance from Centroid Target #2 to Centroid Target #1:	0.225
The Distance from Centroid Target #3 to Centroid Target #1:	0.156
The Distance from Centroid Target #4 to Centroid Target #1:	0.358
The Distance from Centroid Target #5 to Centroid Target #1:	0.218

SERIAL NUMBER: G6577131. __1
TARGET NUMBER: 1
FILE DATE: 08/17/2006
FILE TIME: 20:29

X CENTROID: -0.086
Y CENTROID: 0.209
POA TO CENTROID: 0.226
HORZ SPREAD: 1.485
VERT SPREAD: 2.598
GROUP SPREAD: 2.728
MIN RADIUS: 0.111
MAX RADIUS: 1.498
MEAN RADIUS: 0.807
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.524	1.641
2:	0.831	0.977
3:	0.442	0.204
4:	0.309	-0.957
5:	-0.654	-0.874
6:	-0.254	-0.742
7:	-0.538	0.663
8:	-0.373	0.441
9:	-0.124	0.513
10:	0.024	0.222

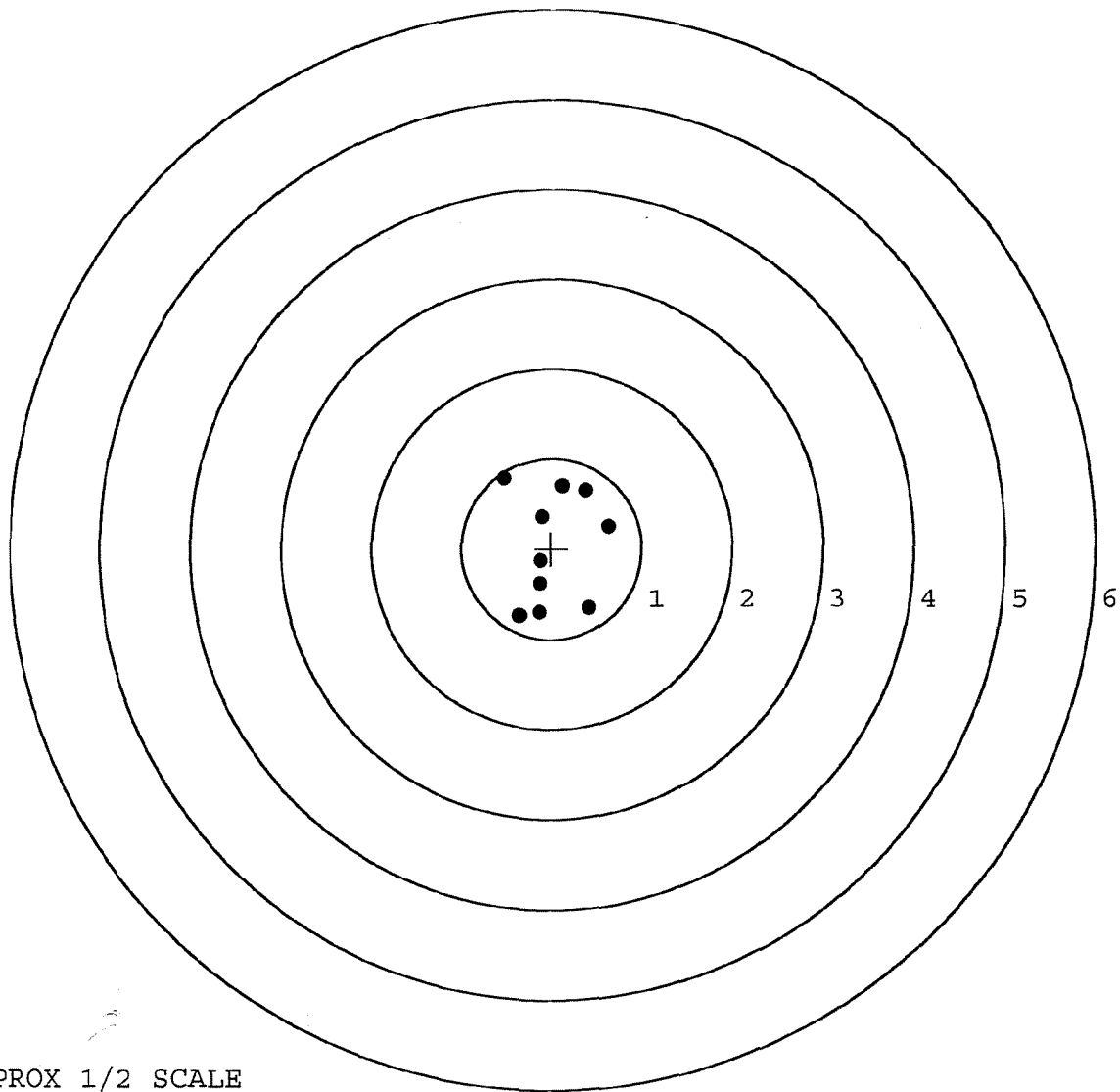


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577131. 1
TARGET NUMBER: 2
FILE DATE: 08/17/2006
FILE TIME: 20:29

POINT#	X	Y
1:	0.417	-0.654
2:	-0.135	-0.707
3:	-0.365	-0.744
4:	0.633	0.248
5:	0.377	0.642
6:	0.121	0.697
7:	-0.113	0.349
8:	-0.533	0.779
9:	-0.124	-0.138
10:	-0.128	-0.389

X CENTROID: 0.015
Y CENTROID: 0.008
POA TO CENTROID: 0.017
HORZ SPREAD: 1.166
VERT SPREAD: 1.523
GROUP SPREAD: 1.719
MIN RADIUS: 0.202
MAX RADIUS: 0.946
MEAN RADIUS: 0.637
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577131. __1

TARGET NUMBER: 3

FILE DATE: 08/17/2006

FILE TIME: 20:29

POINT#	X	Y
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1:	0.884	-1.427
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2:	0.095	-0.334
----	-------	--------

3:	0.500	-0.131
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4:	0.451	0.256
----	-------	-------

5:	-0.501	-0.163
----	--------	--------

6:	-0.716	0.557
----	--------	-------

7:	-0.306	0.773
----	--------	-------

8:	-0.171	0.840
----	--------	-------

9:	0.111	0.826
----	-------	-------

10:	0.355	0.862
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X CENTROID: 0.070

Y CENTROID: 0.206

POA TO CENTROID: 0.218

HORZ SPREAD: 1.600

VERT SPREAD: 2.289

GROUP SPREAD: 2.549

MIN RADIUS: 0.384

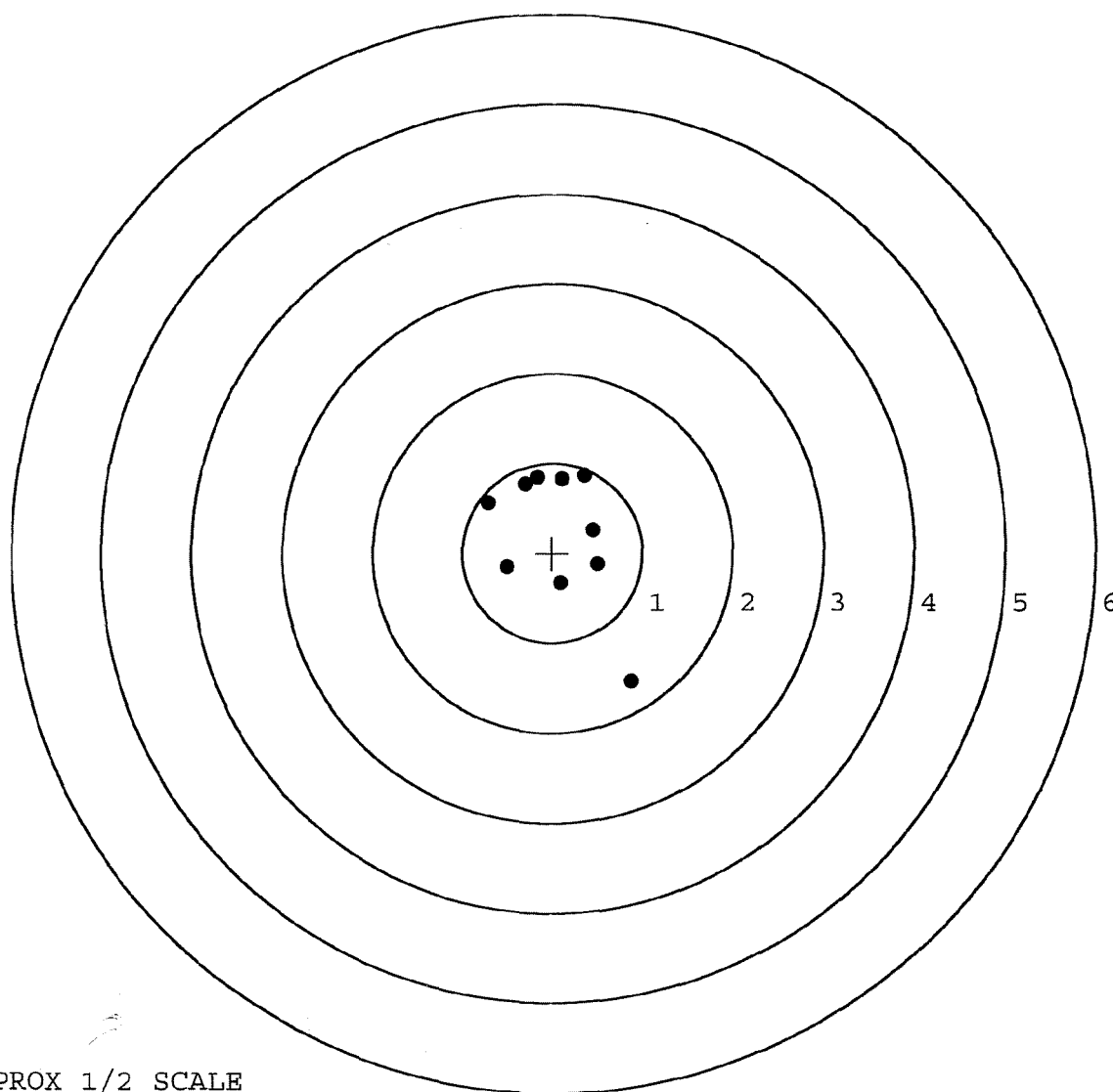
MAX RADIUS: 1.824

MEAN RADIUS: 0.753

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577131. 1

TARGET NUMBER: 4

FILE DATE: 08/17/2006

FILE TIME: 20:29

POINT#	X	Y
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1:	-0.018	0.628
----	--------	-------

2:	1.051	-0.245
----	-------	--------

3:	-0.850	-0.019
----	--------	--------

4:	-0.333	-0.379
----	--------	--------

5:	0.213	-0.486
----	-------	--------

6:	0.132	0.058
----	-------	-------

7:	-0.236	-0.315
----	--------	--------

8:	-0.130	-0.111
----	--------	--------

9:	0.024	-0.273
----	-------	--------

10:	-0.135	-0.298
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X CENTROID: -0.028

Y CENTROID: -0.144

POA TO CENTROID: 0.147

HORZ SPREAD: 1.901

VERT SPREAD: 1.114

GROUP SPREAD: 1.914

MIN RADIUS: 0.107

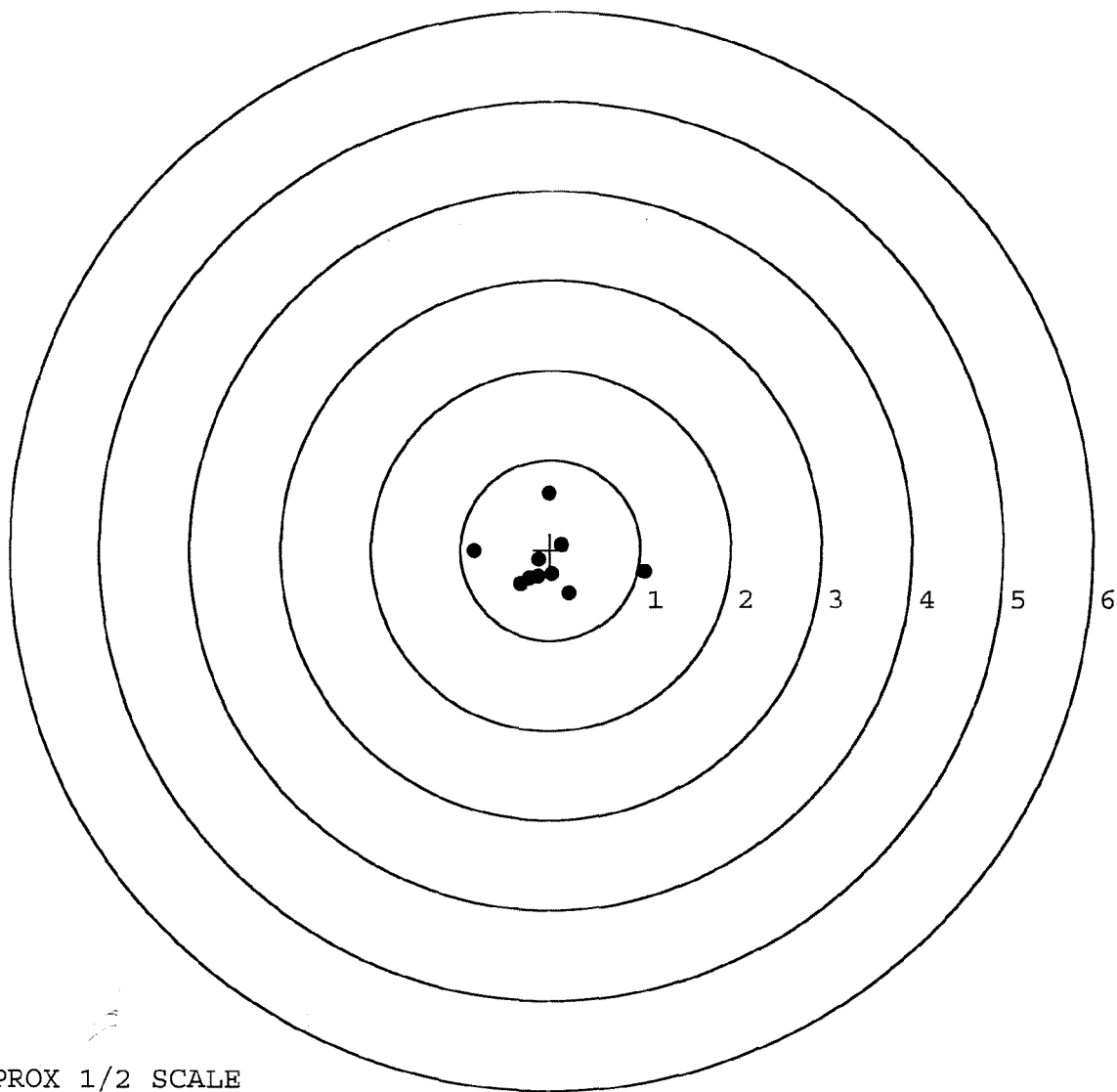
MAX RADIUS: 1.084

MEAN RADIUS: 0.445

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

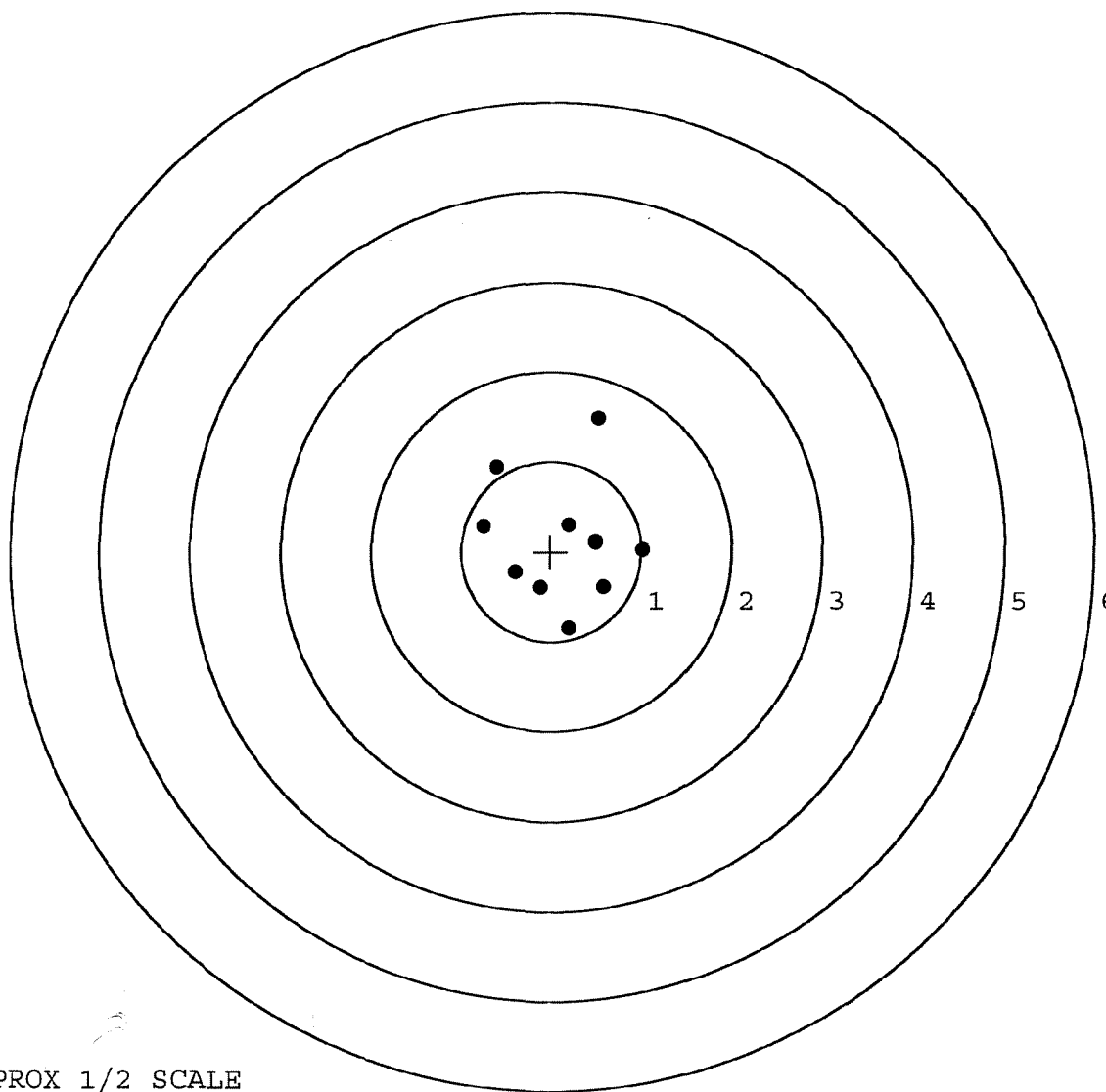


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577131. __1
TARGET NUMBER: 5
FILE DATE: 08/17/2006
FILE TIME: 20:29

X CENTROID: 0.114
Y CENTROID: 0.122
POA TO CENTROID: 0.167
HORZ SPREAD: 1.778
VERT SPREAD: 2.340
GROUP SPREAD: 2.362
MIN RADIUS: 0.195
MAX RADIUS: 1.420
MEAN RADIUS: 0.776
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.607	0.933
2:	-0.759	0.276
3:	-0.396	-0.236
4:	0.198	0.298
5:	0.492	0.107
6:	1.019	0.026
7:	0.583	-0.400
8:	0.202	-0.858
9:	-0.114	-0.406
10:	0.522	1.482



TARGET APPROX 1/2 SCALE