

G-659/1569

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



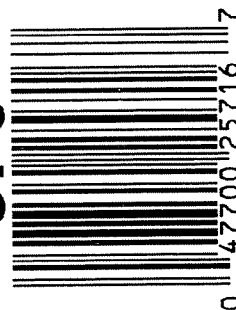
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6591569

UPC



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

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SERIAL NO.



M-24
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6591569

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		10-6-06	RTZ
420	ASSEMBLE ACTION		10-6-06	BLC
430	ASSEMBLE TO STOCK		10-7-06	WR
440	PROOF		10-7-06	TRW
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	10-7-06	TRW
470	DIS-ASSEMBLE ACTION	OCT 10 2006	10-9-06	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>CPD</u>	11-10-06	CPD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		10-10-06	CW
510	DRILL AND TAP SIGHT HOLES		10-9-06	TRW
520	GOFF BLAST BBL / REC		10-11-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		10/18/06	RB
560	RE-ASSEMBLE ACTION		10-25-06	SD
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		10-25-06	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10-25-06	SD
	D) OIL FIRING PIN ASSEMBLY		11-2-06	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>7.0</u> <u>7.0</u>	11/13/06	WTR
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>6.0</u> <u>3.0</u> <u>3.0</u>	11/13/06	WTR
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.025</u> <u>.025</u>	11/13/06	WTR
	J) ASSEMBLE STOCK		11-2-06	BLG
	K) ASSEMBLE SWIVEL STUDS		11-15-06	S.P.D.
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		11-2-06	BLG
	M) IRON SIGHT ALIGNMENT		11-2-06	BLG
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		11-2-06	BLG
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	11-3-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		11/3/06	W/R
670	FINAL INSPECTION A) HEADSPACE		11-15-06	S.P.D.
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.59</u> <u>2.35</u> <u>2.34</u> <u>2.21</u> <u>2.26</u>	11-11-06	RP
	C) FUNCTION		11-15-06	S.P.D.
690	PACK		11/12/06	SA

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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 9-23-06

TESTER RP

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	236	236		247	
PULL #2	239	252		246	
PULL #3	232	257		247	
PULL #4	230	256		248	
PULL #5	229	257		252	
TOTAL	1166	1258		1240	
AVERAGE	233	251		248	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	305	291		
PULL #2	303	283		
PULL #3	298	286		
PULL #4	299	290		
PULL #5	298	292		
TOTAL	1503	1442		
AVERAGE	300	288		

	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	406	387		410
PULL #2	411	381		404
PULL #3	403	414		401
PULL #4	397	404		399
PULL #5	399	401		401
TOTAL	2016	1987		2015
AVERAGE	403	397		403

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6591569.___0

FILE DATE AND TIME: 11/04/2006 06:20

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.016
The Average Y Centroid of the Five Target Set:	-0.069
The Average Point of Impact of the Five Target Set:	0.070
The Average Mean Radius of the Five Target Set:	0.625
The Distance from POA to Centroid Target #1:	0.060
The Distance from Centroid Target #2 to Centroid Target #1:	0.094
The Distance from Centroid Target #3 to Centroid Target #1:	0.027
The Distance from Centroid Target #4 to Centroid Target #1:	0.109
The Distance from Centroid Target #5 to Centroid Target #1:	0.131

SERIAL NUMBER: G6591569. __ 0

TARGET NUMBER: 1

FILE DATE: 11/04/2006

FILE TIME: 06:20

POINT#	X	Y
1:	0.521	-1.164
2:	0.121	-0.615
3:	-0.461	-0.396
4:	0.969	-0.022
5:	0.557	0.125
6:	0.126	-0.011
7:	0.158	0.525
8:	-0.328	0.253
9:	-0.326	0.604
10:	-0.909	0.286

X CENTROID: 0.043

Y CENTROID: -0.042

POA TO CENTROID: 0.060

HORZ SPREAD: 1.878

VERT SPREAD: 1.768

GROUP SPREAD: 2.037

MIN RADIUS: 0.089

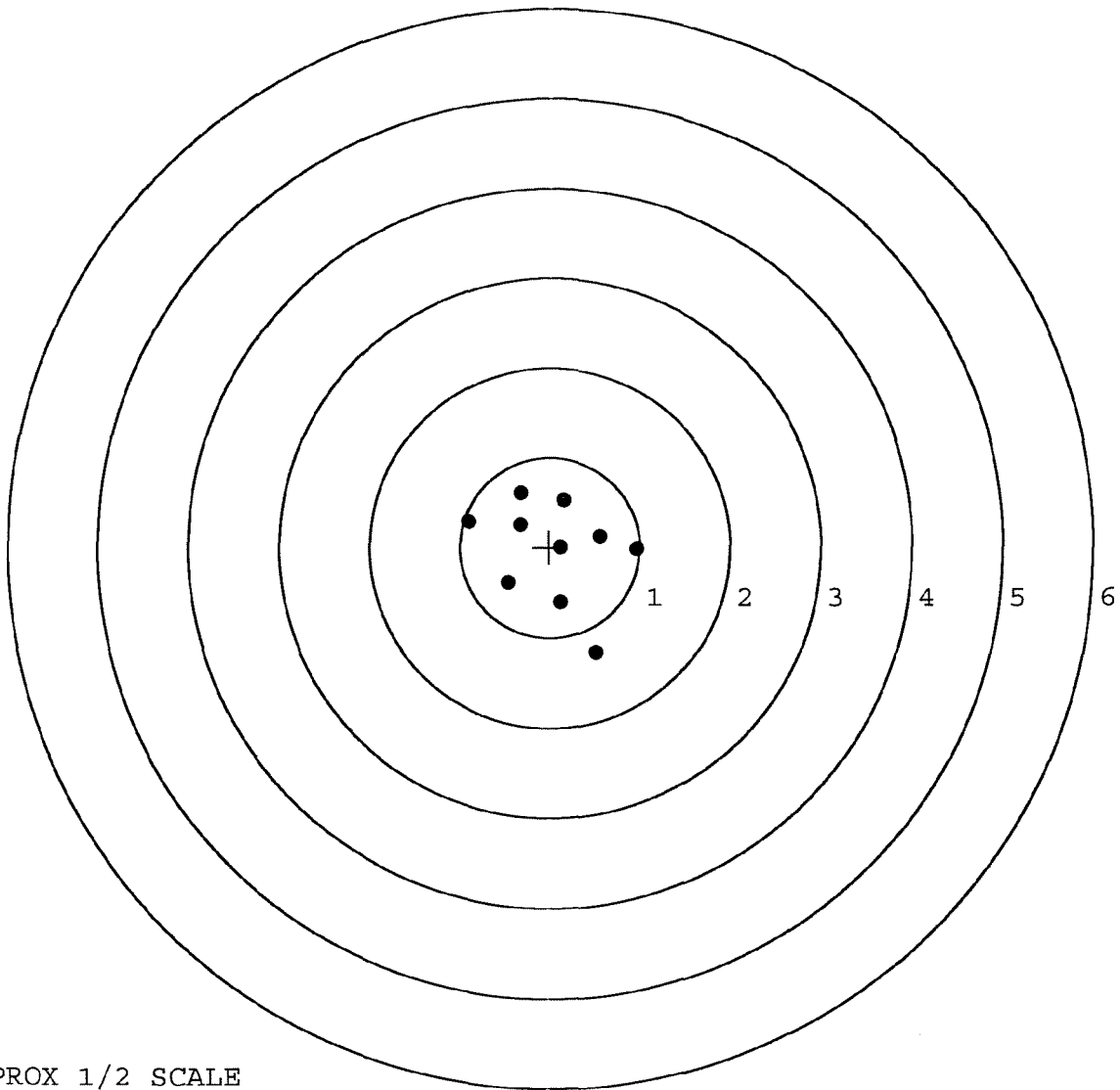
MAX RADIUS: 1.220

MEAN RADIUS: 0.677

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591569. 0

TARGET NUMBER: 2

FILE DATE: 11/04/2006

FILE TIME: 06:20

POINT#	X	Y
1:	0.095	-1.310
2:	0.857	-0.401
3:	0.416	-0.441
4:	0.238	-0.121
5:	-0.034	-0.193
6:	-0.577	-0.299
7:	0.012	0.406
8:	-0.312	0.159
9:	-0.487	0.551
10:	-0.213	0.398

X CENTROID: 0.000

Y CENTROID: -0.125

POA TO CENTROID: 0.125

HORZ SPREAD: 1.434

VERT SPREAD: 1.861

GROUP SPREAD: 1.950

MIN RADIUS: 0.076

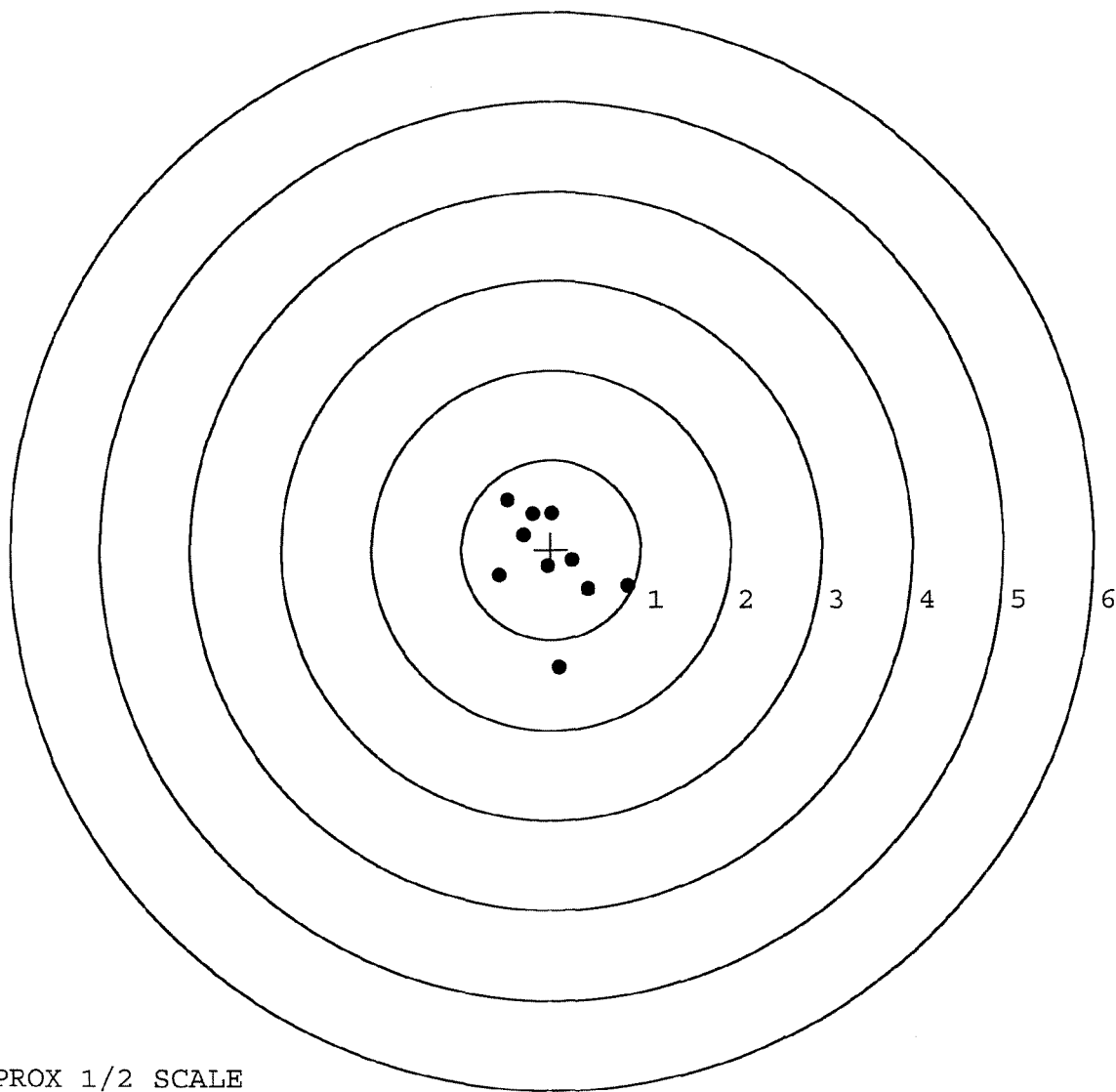
MAX RADIUS: 1.189

MEAN RADIUS: 0.588

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591569. __0

TARGET NUMBER: 3

FILE DATE: 11/04/2006

FILE TIME: 06:20

POINT#	X	Y
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1:	-0.166	-0.705
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2:	-0.212	-0.473
----	--------	--------

3:	0.364	-0.363
----	-------	--------

4:	1.046	0.051
----	-------	-------

5:	0.253	0.087
----	-------	-------

6:	0.227	0.271
----	-------	-------

7:	-0.049	0.009
----	--------	-------

8:	-0.217	0.432
----	--------	-------

9:	-0.446	0.327
----	--------	-------

10:	-0.598	0.105
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X CENTROID: 0.020

Y CENTROID: -0.026

POA TO CENTROID: 0.033

HORZ SPREAD: 1.644

VERT SPREAD: 1.137

GROUP SPREAD: 1.645

MIN RADIUS: 0.078

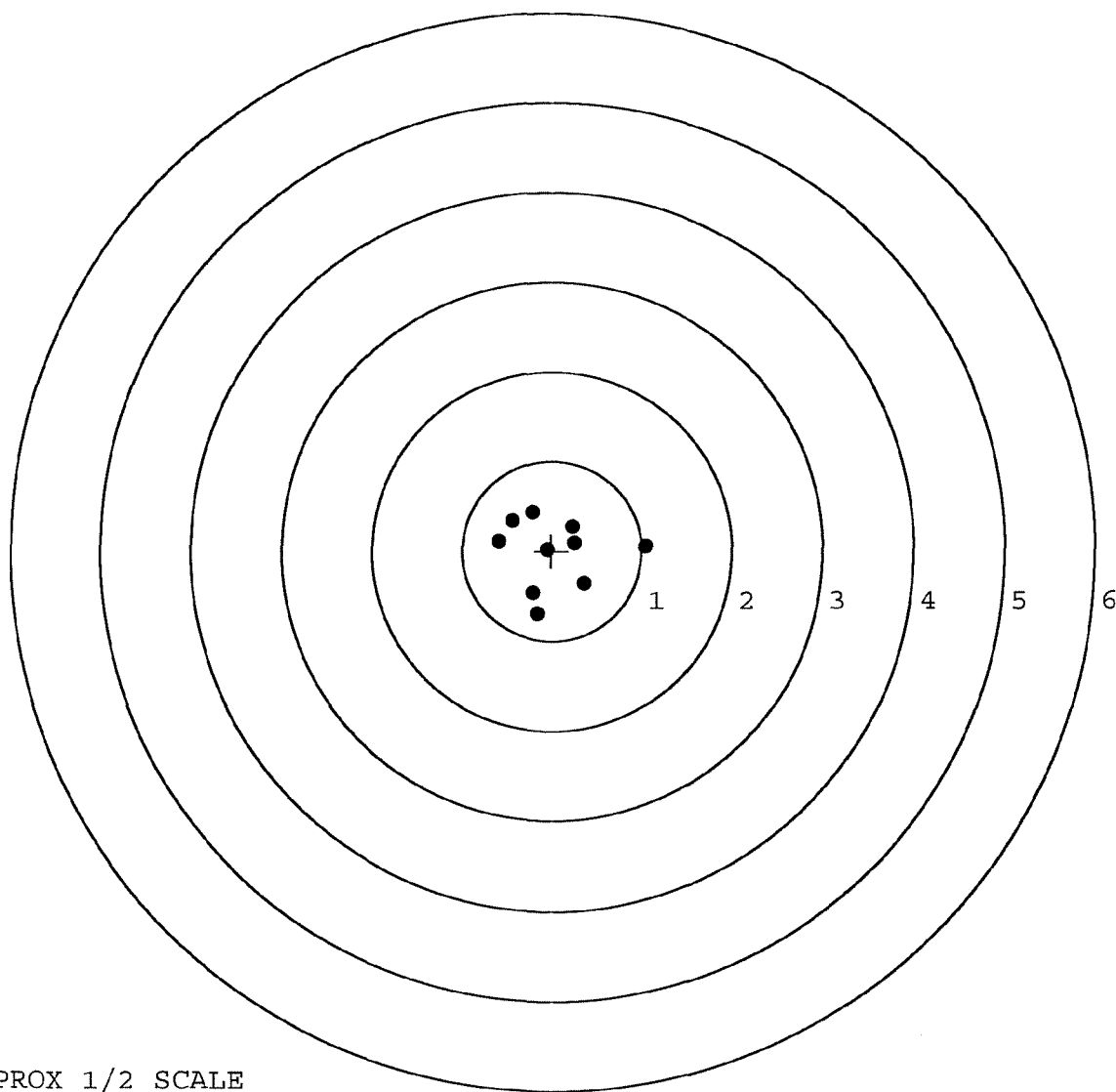
MAX RADIUS: 1.029

MEAN RADIUS: 0.515

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591569. 0

TARGET NUMBER: 4

FILE DATE: 11/04/2006

FILE TIME: 06:20

POINT#	X	Y
1:	-0.216	-1.157
2:	1.049	-0.164
3:	0.385	-0.078
4:	-0.404	-0.523
5:	-0.952	-0.271
6:	-0.332	-0.067
7:	-0.114	0.037
8:	-0.146	0.512
9:	-0.205	0.327
10:	0.378	0.511

X CENTROID: -0.056

Y CENTROID: -0.087

POA TO CENTROID: 0.104

HORZ SPREAD: 2.001

VERT SPREAD: 1.669

GROUP SPREAD: 2.004

MIN RADIUS: 0.137

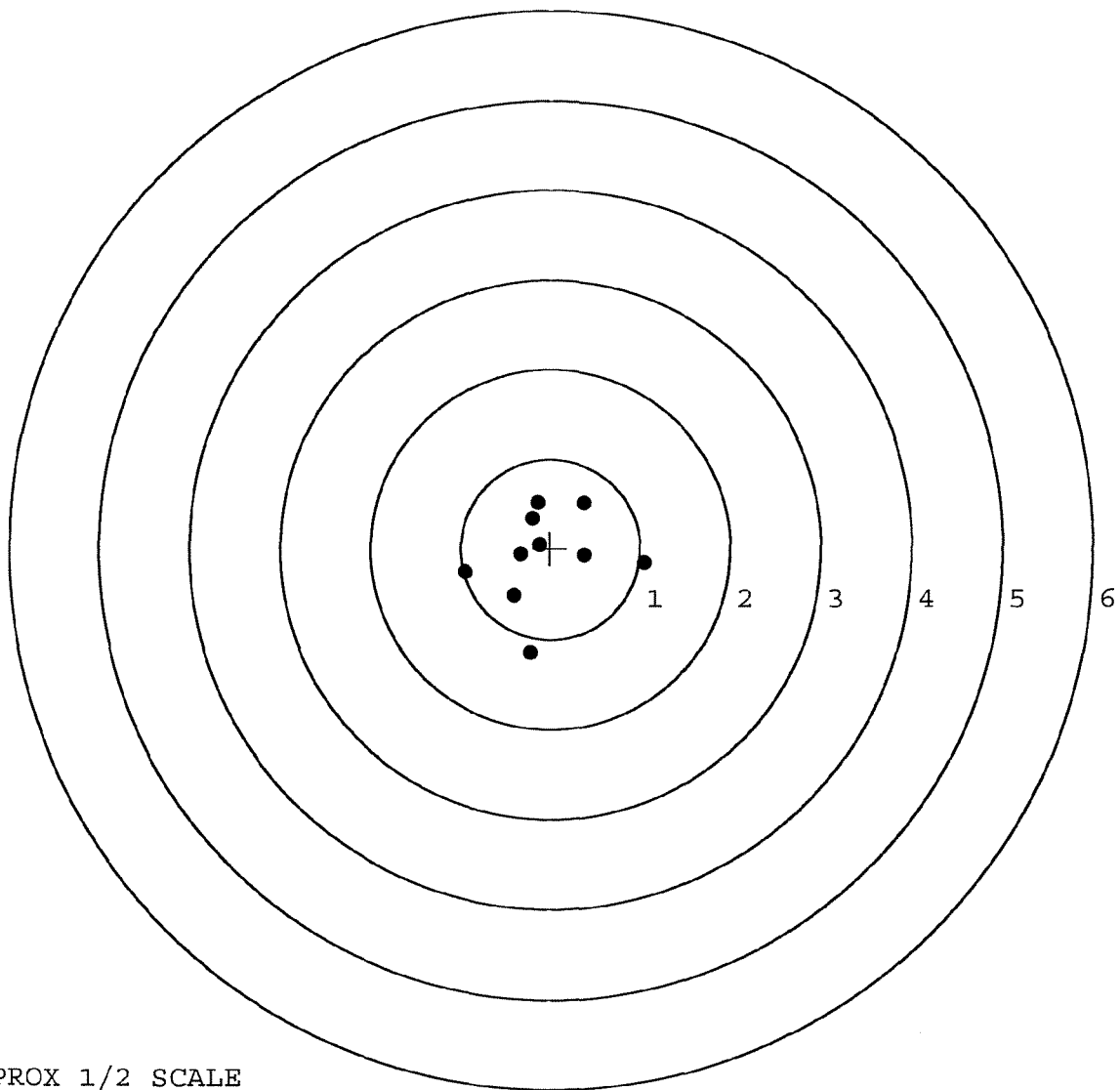
MAX RADIUS: 1.107

MEAN RADIUS: 0.630

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6591569. __0

TARGET NUMBER: 5

FILE DATE: 11/04/2006

FILE TIME: 06:20

POINT#	X	Y
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1:	-1.394	-0.270
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2:	-1.021	-0.240
----	--------	--------

3:	-0.729	0.453
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4:	-0.344	0.112
----	--------	-------

5:	0.256	0.323
----	-------	-------

6:	0.495	0.178
----	-------	-------

7:	0.901	-0.119
----	-------	--------

8:	0.628	-0.485
----	-------	--------

9:	0.097	-0.423
----	-------	--------

10:	0.249	-0.165
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X CENTROID: -0.086

Y CENTROID: -0.064

POA TO CENTROID: 0.107

HORZ SPREAD: 2.295

VERT SPREAD: 0.938

GROUP SPREAD: 2.300

MIN RADIUS: 0.312

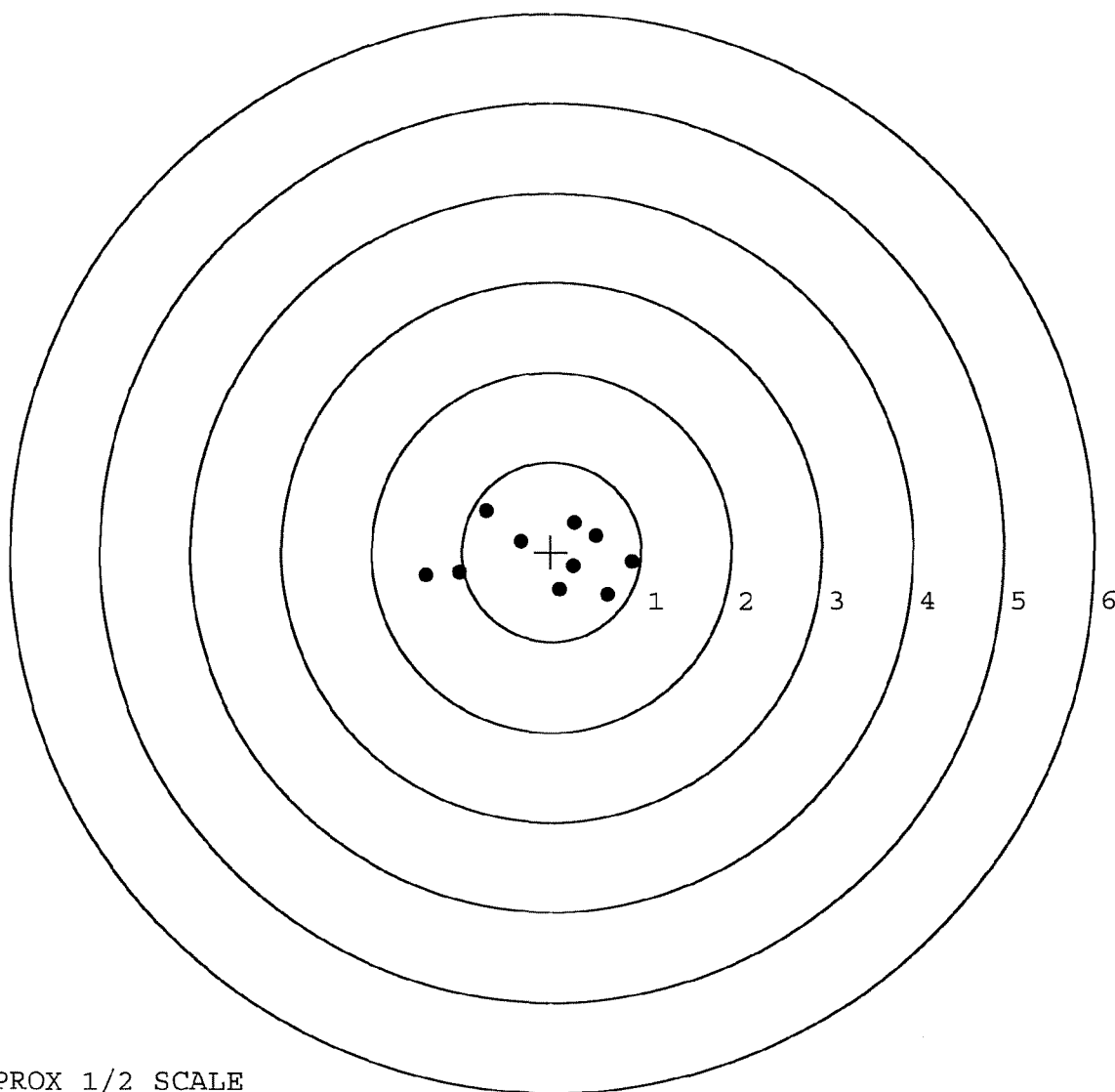
MAX RADIUS: 1.324

MEAN RADIUS: 0.713

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE