

G 653 5-303

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



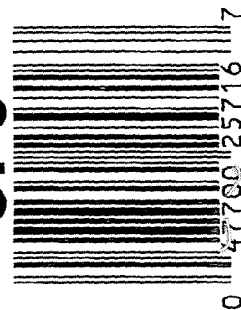
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6535303

UPC



ORDER 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 # G6535303

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		8-23-06	RTZ
420	ASSEMBLE ACTION		8-23-06	RTZ
430	ASSEMBLE TO STOCK			
440	PROOF		8-23-06	L.P.D.
460	CHECK HEADSPACE		8-23-06	L.P.D.
470	DIS-ASSEMBLE ACTION		8-24-06	RTZ
480	MAGNAFLUX BBL ACTION		8/24/06	unus
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		8-24-06	CW
510	DRILL AND TAP SIGHT HOLES		8-24-06	TRW
520	GOFF BLAST BBL / REC		8-25-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		8/29/06	TR
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9-8-06	AC
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9-8-06	A
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9-8-06	A
	D) OIL FIRING PIN ASSEMBLY		9-11-06	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		10/11/06	unus

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.5</u> <u>4.2</u> <u>6.9</u>	9/13/06	DA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>3.5</u> <u>3.5</u> <u>3.5</u>	9/13/06	DA
	H) TRIGGER PULL TEST AND RETAINABILITY		10/11/06	mm
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.026</u> <u>.026</u>	9/13/06	DA
	J) ASSEMBLE STOCK		9-11-06	RTZ
	K) ASSEMBLE SWIVEL STUDS		10/11/06	mm
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		9-11-06	RTZ
	M) IRON SIGHT ALIGNMENT		9-11-06	RTZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		9-11-06	RTZ
640 & 650	FUNCTION TEST AND TARGET	PASS FAIL <u>PASS</u> FAIL	9.12.06	TRU
	MALFUNCTION <i>Last rd Feeds hard</i>	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION <i>N/A</i>		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		9/12/06	BD
670	FINAL INSPECTION A) HEADSPACE		10/11/06	mm
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.68</u> <u>2.65</u> <u>2.63</u> <u>2.62</u> <u>2.79</u>	9/13/06	DA
	C) FUNCTION		10/11/06	mm
690	PACK		11/2/06	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 9-7-06

TESTER WJL

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.45	2.53			
PULL #2	2.61	2.54			
PULL #3	2.39	2.49			
PULL #4	2.45	2.42			
PULL #5	2.51	2.59			
TOTAL	12.41	12.57			
AVERAGE	2.48	2.51			

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.09	3.03		
PULL #2	3.11	3.07		
PULL #3	3.17	3.00		
PULL #4	3.08	3.01		
PULL #5	3.15	3.09		
TOTAL	15.60	15.20		
AVERAGE	3.12	3.04		

	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	4.06	4.03		3.93
PULL #2	4.02	4.00		4.12
PULL #3	3.99	4.14		3.90
PULL #4	4.02	4.09		4.01
PULL #5	4.01	4.17		3.93
TOTAL	20.10	20.43		19.89
AVERAGE	4.11	4.09		3.98

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6535303.___0

FILE DATE AND TIME: 09/13/2006 01:39

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.115
The Average Y Centroid of the Five Target Set:	-0.161
The Average Point of Impact of the Five Target Set:	0.197
The Average Mean Radius of the Five Target Set:	0.722
The Distance from POA to Centroid Target #1:	0.261
The Distance from Centroid Target #2 to Centroid Target #1:	0.190
The Distance from Centroid Target #3 to Centroid Target #1:	0.181
The Distance from Centroid Target #4 to Centroid Target #1:	0.288
The Distance from Centroid Target #5 to Centroid Target #1:	0.069

SERIAL NUMBER: G6535303.___0

TARGET NUMBER: 1

FILE DATE: 09/13/2006

FILE TIME: 01:39

POINT#	X	Y
1:	0.617	-1.970
2:	0.253	-0.959
3:	0.058	-0.605
4:	-0.890	-1.011
5:	-0.490	-0.167
6:	0.255	0.488
7:	-0.125	0.682
8:	-0.535	0.773
9:	-0.380	0.426
10:	-0.189	0.157

X CENTROID: -0.143

Y CENTROID: -0.219

POA TO CENTROID: 0.261

HORZ SPREAD: 1.507

VERT SPREAD: 2.743

GROUP SPREAD: 2.975

MIN RADIUS: 0.351

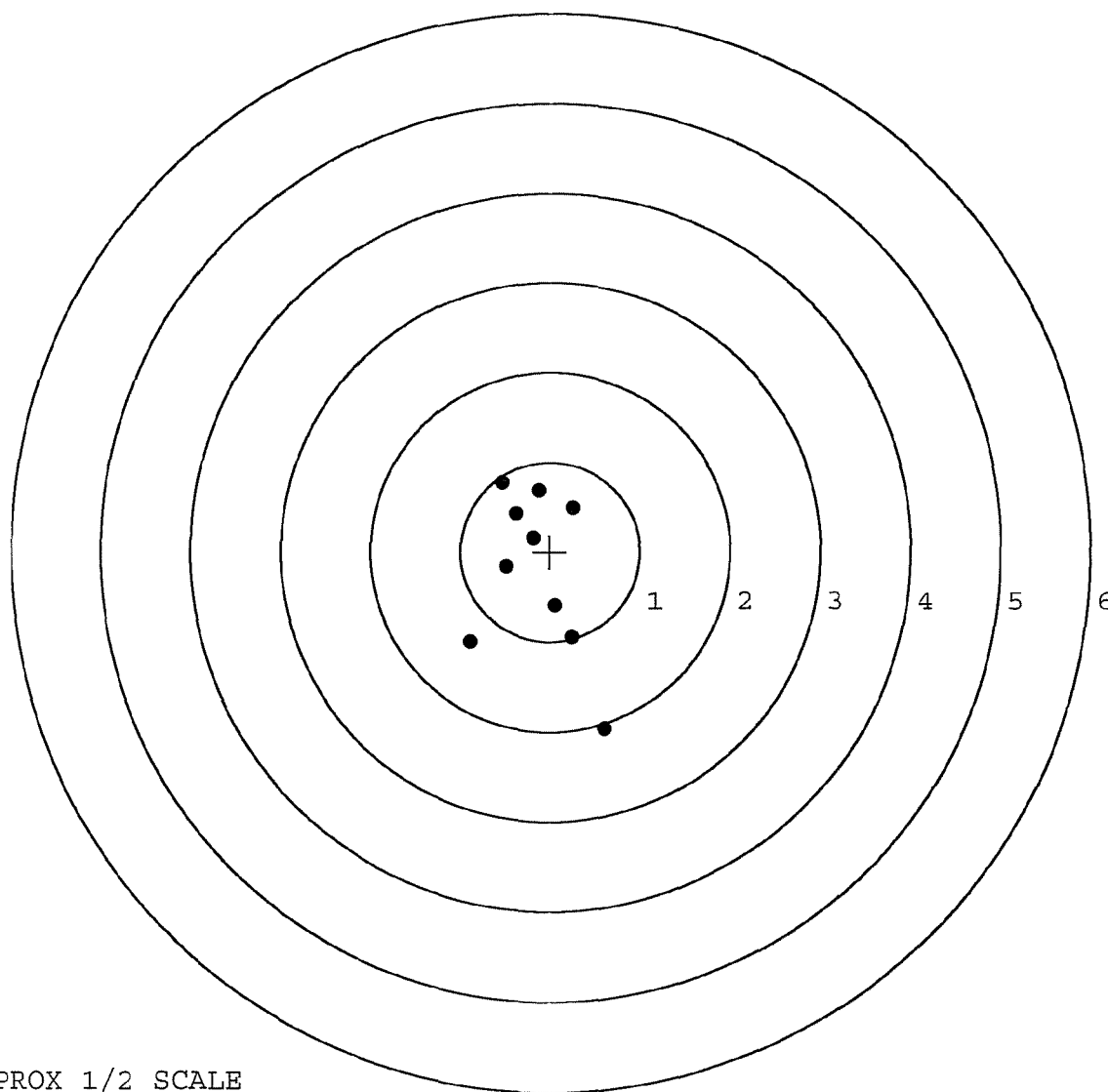
MAX RADIUS: 1.909

MEAN RADIUS: 0.847

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535303. 0

TARGET NUMBER: 2

FILE DATE: 09/13/2006

FILE TIME: 01:39

POINT#	X	Y
1:	0.762	0.563
2:	-0.598	0.508
3:	-0.572	0.801
4:	-1.366	0.138
5:	0.742	-0.232
6:	0.321	-0.187
7:	0.080	-0.260
8:	-0.407	-0.343
9:	-0.167	-0.537
10:	-0.299	-0.739

X CENTROID: -0.150

Y CENTROID: -0.029

POA TO CENTROID: 0.153

HORZ SPREAD: 2.128

VERT SPREAD: 1.540

GROUP SPREAD: 2.170

MIN RADIUS: 0.326

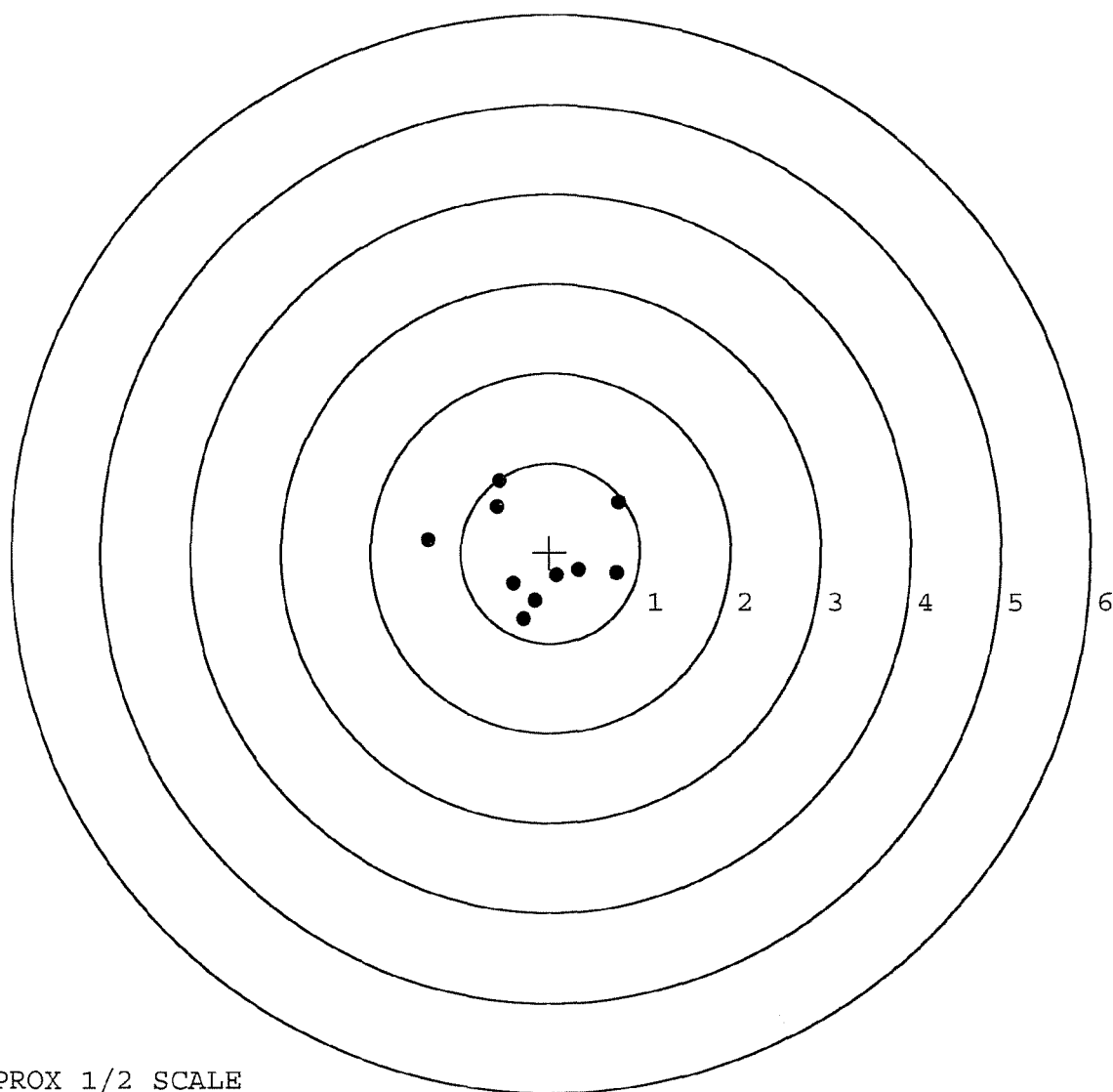
MAX RADIUS: 1.227

MEAN RADIUS: 0.732

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

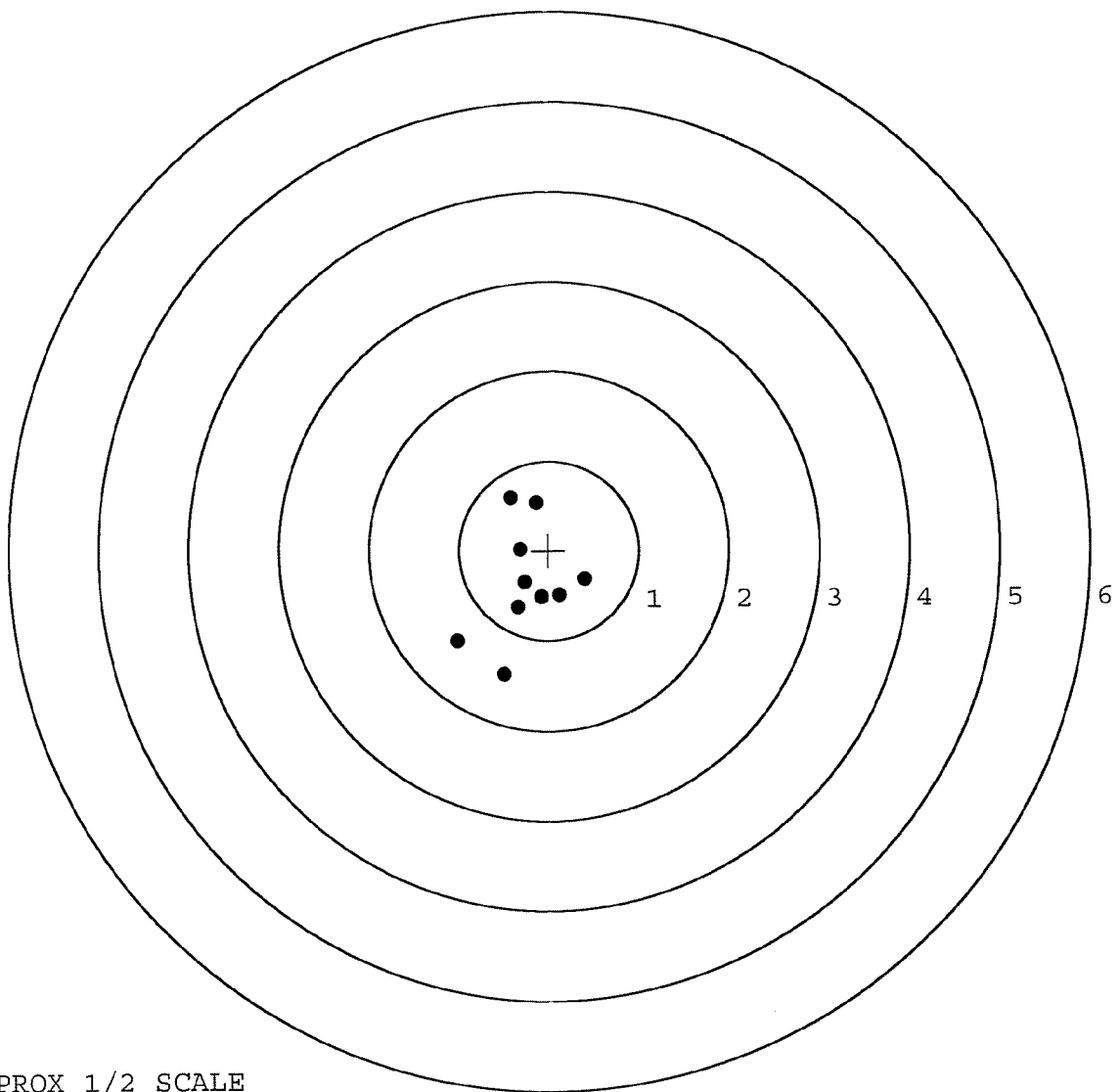


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535303. __0
TARGET NUMBER: 3
FILE DATE: 09/13/2006
FILE TIME: 01:39

X CENTROID: -0.258
Y CENTROID: -0.358
POA TO CENTROID: 0.441
HORZ SPREAD: 1.427
VERT SPREAD: 1.971
GROUP SPREAD: 1.973
MIN RADIUS: 0.009
MAX RADIUS: 1.049
MEAN RADIUS: 0.591
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.426	0.594
2:	-0.138	0.535
3:	-1.022	-1.009
4:	-0.506	-1.377
5:	0.405	-0.322
6:	0.122	-0.504
7:	-0.085	-0.522
8:	-0.343	-0.634
9:	-0.267	-0.358
10:	-0.319	0.018



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535303. __0

TARGET NUMBER: 4

FILE DATE: 09/13/2006

FILE TIME: 01:39

POINT#	X	Y
1:	0.021	0.891
2:	-0.281	0.623
3:	-0.792	0.351
4:	-0.243	0.222
5:	0.333	0.316
6:	0.508	0.608
7:	0.918	-0.697
8:	1.213	-0.801
9:	-0.179	-0.859
10:	-0.850	-0.840

X CENTROID: 0.065

Y CENTROID: -0.019

POA TO CENTROID: 0.067

HORZ SPREAD: 2.063

VERT SPREAD: 1.750

GROUP SPREAD: 2.312

MIN RADIUS: 0.391

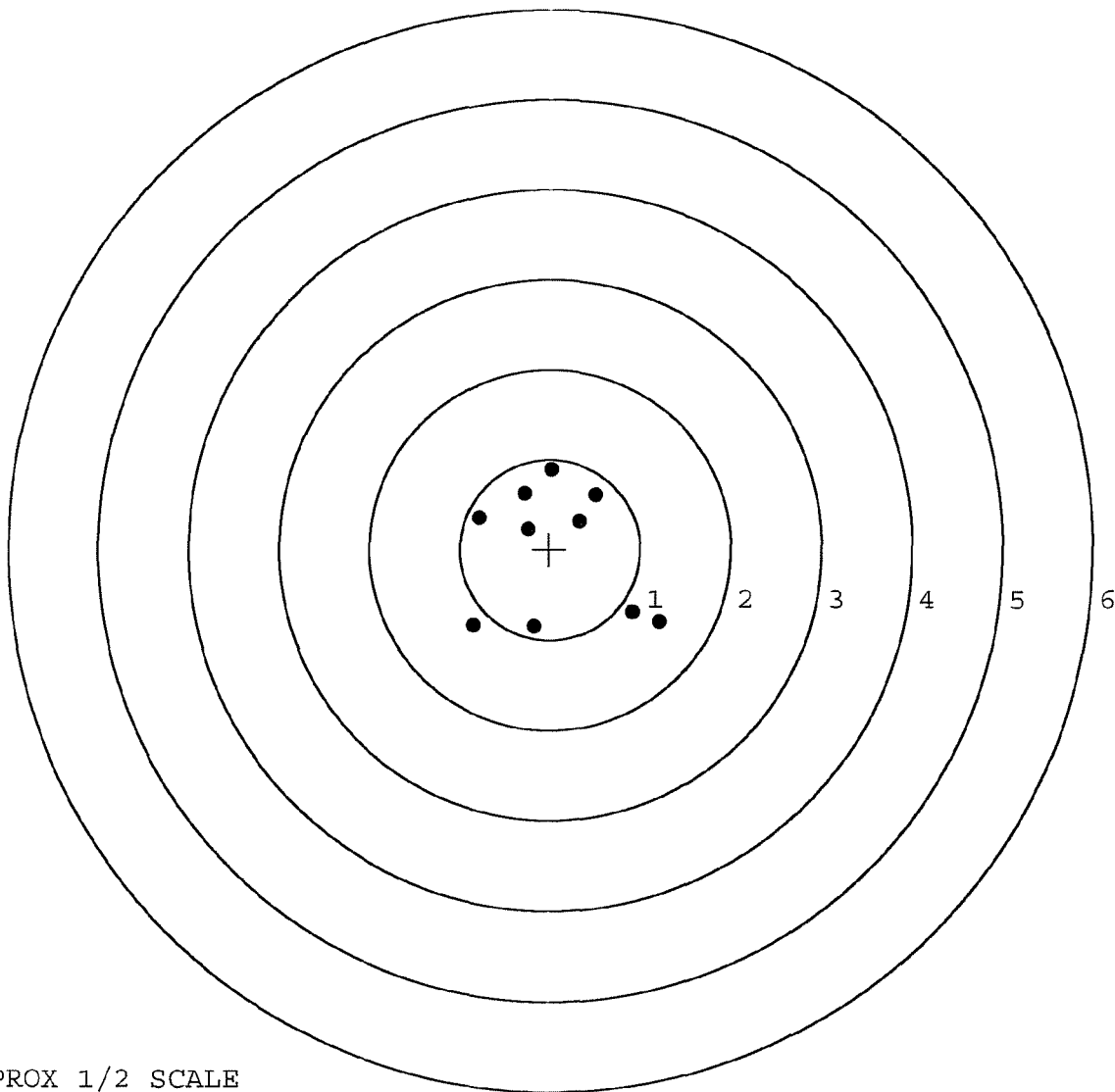
MAX RADIUS: 1.389

MEAN RADIUS: 0.874

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



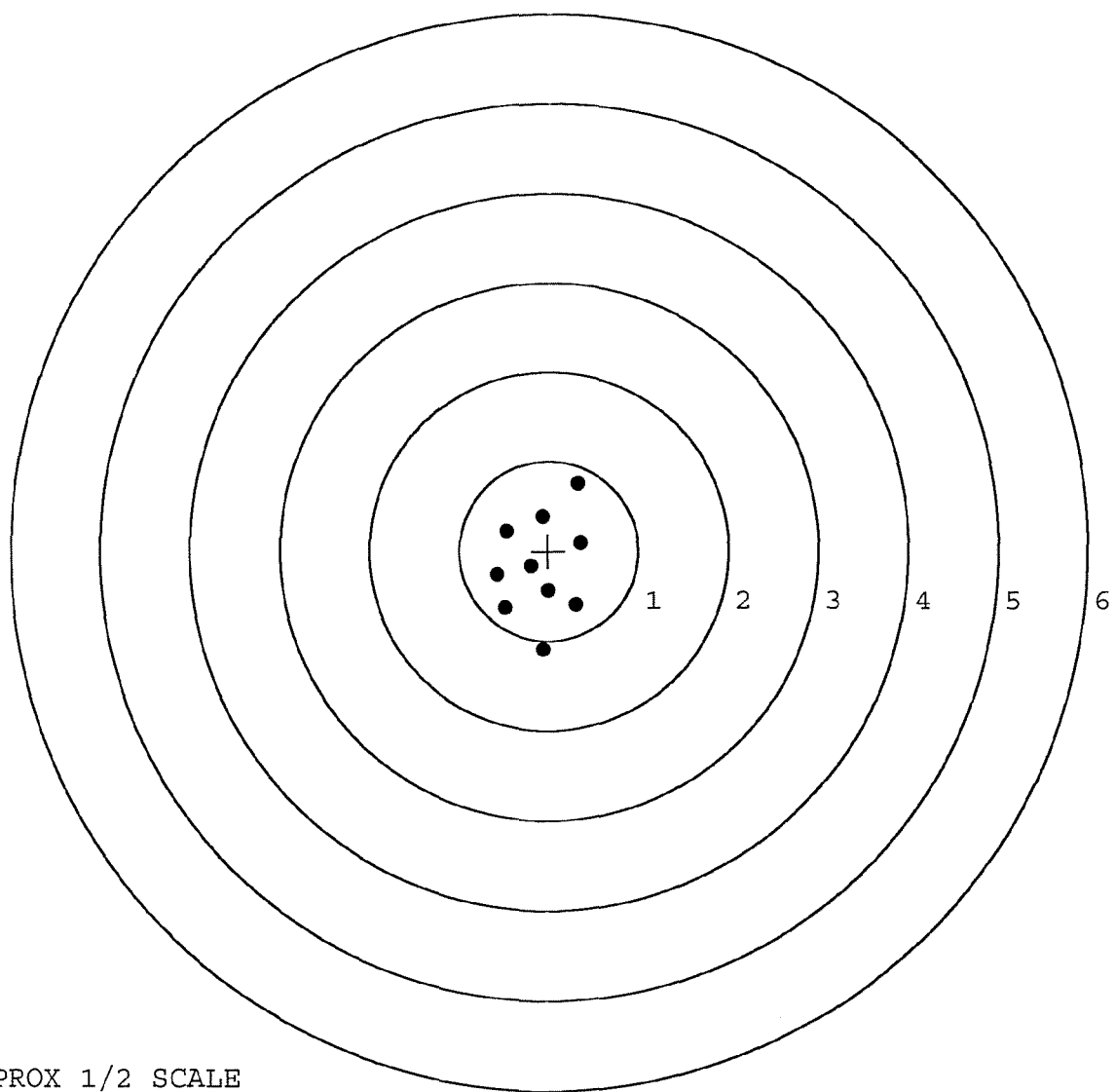
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535303. __0
TARGET NUMBER: 5
FILE DATE: 09/13/2006
FILE TIME: 01:39

X CENTROID: -0.086
Y CENTROID: -0.179
POA TO CENTROID: 0.199
HORZ SPREAD: 0.935
VERT SPREAD: 1.850
GROUP SPREAD: 1.890
MIN RADIUS: 0.108
MAX RADIUS: 1.017
MEAN RADIUS: 0.566

POINT#	X	Y
1:	0.331	0.748
2:	-0.072	0.384
3:	0.361	0.090
4:	-0.479	0.219
5:	-0.574	-0.271
6:	-0.194	-0.170
7:	-0.001	-0.440
8:	0.312	-0.606
9:	-0.058	-1.102
10:	-0.490	-0.642

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



TARGET APPROX 1/2 SCALE