

G 6596133

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

G6590133

UPC



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M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
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SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6590133

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		9-10-06	RTZ
420	ASSEMBLE ACTION		9-13-06	RTZ
430	ASSEMBLE TO STOCK			
440	PROOF		9-13-06	TRW
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	9-13-06	TRW
470	DIS-ASSEMBLE ACTION	SEP 18 2006		
480	MAGNAFLUX BBL ACTION	OPERATOR <u>GBD</u>	9/18/06	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		9-18-06	CW
510	DRILL AND TAP SIGHT HOLES		9-15-06	TRW
520	GOFF BLAST BBL / REC		9-18-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		9/20/06	TRW
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9/22/06	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9/22/06	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9/22/06	DA
	D) OIL FIRING PIN ASSEMBLY		9-23-06	BLG
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		10/10/06	TRW

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>7⁹</u> <u>6⁵</u> <u>7⁵</u>	10-2-06	SD
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>6⁹</u> <u>6⁵</u> <u>6⁵</u>	10-2-06	SD
	H) TRIGGER PULL TEST AND RETAINABILITY		10/10/06	not in
	I) FIRING PIN INDENT .020 MIN	<u>.026</u> <u>.026</u> <u>.027</u>	16-2-06	SD
	J) ASSEMBLE STOCK		9-23-06	BLC
	K) ASSEMBLE SWIVEL STUDS		10/10/06	not in
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		9-23-06	BLC
	M) IRON SIGHT ALIGNMENT		9-23-06	BLC
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		9-23-06	BLC
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	9-23-06	not in L.P.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	N/A	
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		9-23-06	L.P.
670	FINAL INSPECTION A) HEADSPACE		10/10/06	not in
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.58</u> <u>2.70</u> <u>2.52</u> <u>2.44</u> <u>2.71</u>	9-25-06	DA
	C) FUNCTION		10/10/06	not in
690	PACK		11/2/06	DA

F004 REV 5/2006

BARBER - M24 0165223AVERAGE 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

9-22-06

TESTER

RP

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	263	247		252	
PULL #2	250	240		246	
PULL #3	246	248		246	
PULL #4	239	247		247	
PULL #5	247	247		246	
TOTAL	1245	1229		1237	
AVERAGE	249	245		247	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	313	300		
PULL #2	308	300		
PULL #3	309	300		
PULL #4	308	296		
PULL #5	309	299		
TOTAL	1547	1495		
AVERAGE	309	299		

	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	401	404		400
PULL #2	407	405		401
PULL #3	406	402		400
PULL #4	407	405		400
PULL #5	406	405		400
TOTAL	2027	2021		2001
AVERAGE	405	404		400

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590133.__0
FILE DATE AND TIME: 09/25/2006 07:15

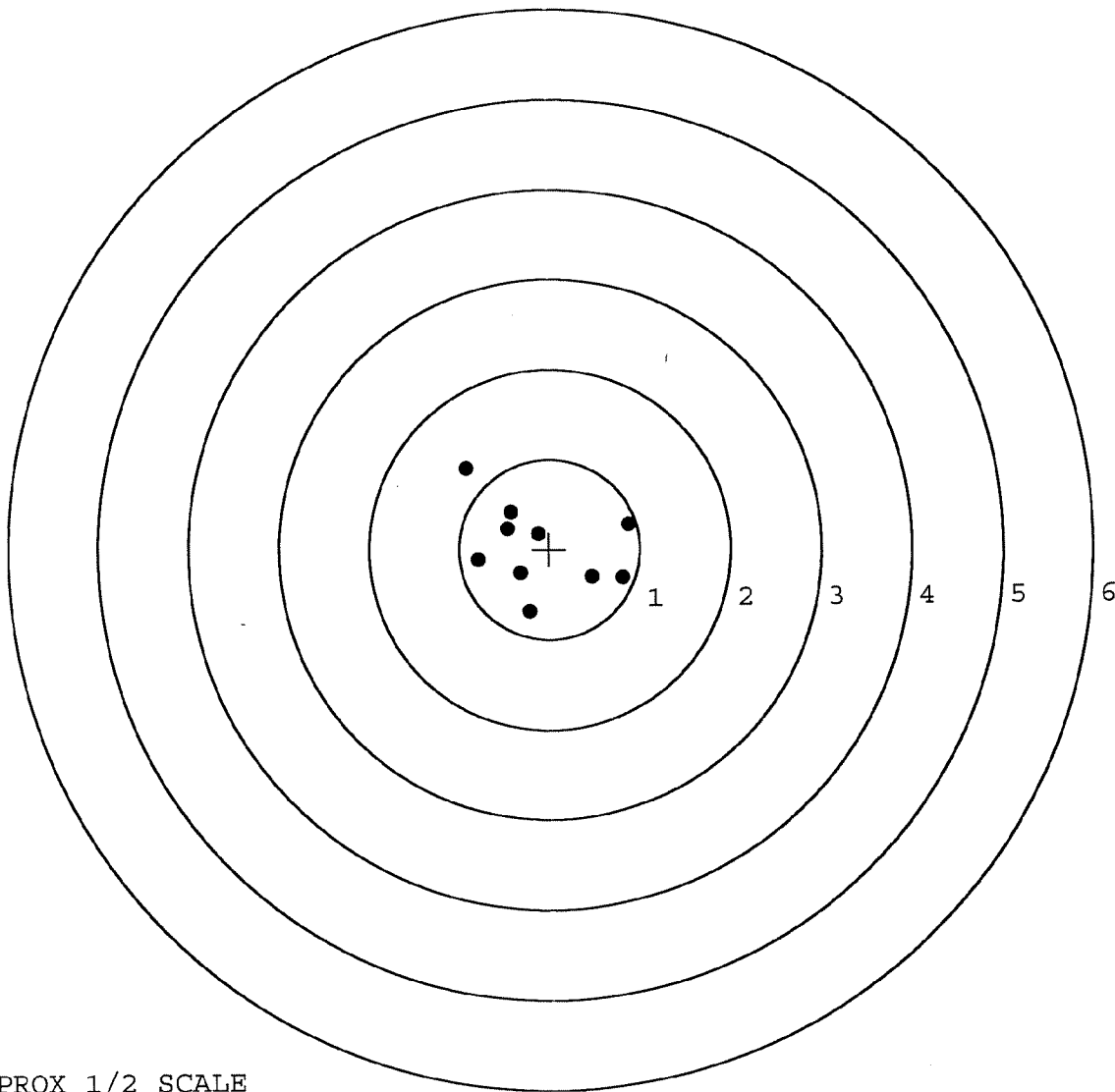
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.043
The Average Y Centroid of the Five Target Set:	-0.057
The Average Point of Impact of the Five Target Set:	0.072
The Average Mean Radius of the Five Target Set:	0.617
The Distance from POA to Centroid Target #1:	0.113
The Distance from Centroid Target #2 to Centroid Target #1:	0.190
The Distance from Centroid Target #3 to Centroid Target #1:	0.113
The Distance from Centroid Target #4 to Centroid Target #1:	0.113
The Distance from Centroid Target #5 to Centroid Target #1:	0.157

SERIAL NUMBER: G6590133. __ 0
 TARGET NUMBER: 1
 FILE DATE: 09/25/2006
 FILE TIME: 07:15

POINT#	X	Y
1:	0.810	-0.328
2:	0.468	-0.316
3:	0.879	0.271
4:	-0.225	-0.694
5:	-0.321	-0.269
6:	-0.787	-0.118
7:	-0.122	0.171
8:	-0.421	0.415
9:	-0.463	0.233
10:	-0.916	0.907

X CENTROID: -0.110
 Y CENTROID: 0.027
 POA TO CENTROID: 0.113
 HORZ SPREAD: 1.795
 VERT SPREAD: 1.601
 GROUP SPREAD: 2.122
 MIN RADIUS: 0.144
 MAX RADIUS: 1.193
 MEAN RADIUS: 0.671
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590133.0

TARGET NUMBER: 2

FILE DATE: 09/25/2006

FILE TIME: 07:15

X CENTROID: 0.034

Y CENTROID: -0.097

POA TO CENTROID: 0.103

HORZ SPREAD: 0.715

VERT SPREAD: 1.440

GROUP SPREAD: 1.513

MIN RADIUS: 0.134

MAX RADIUS: 1.004

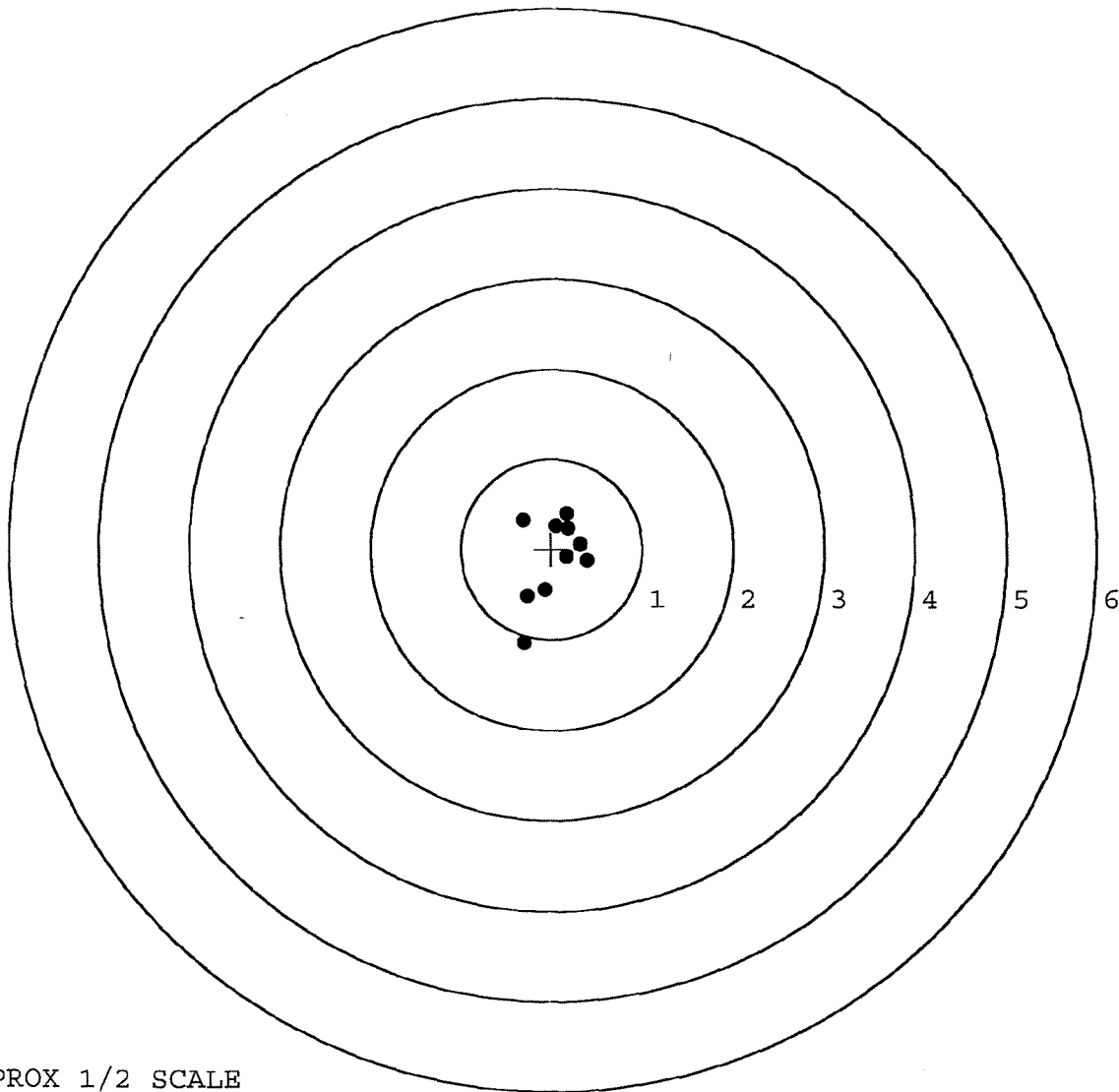
MEAN RADIUS: 0.452

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.295	-1.046
2:	-0.264	-0.526
3:	-0.073	-0.459
4:	-0.318	0.324
5:	0.168	-0.091
6:	0.397	-0.131
7:	0.324	0.055
8:	0.168	0.394
9:	0.052	0.266
10:	0.183	0.240

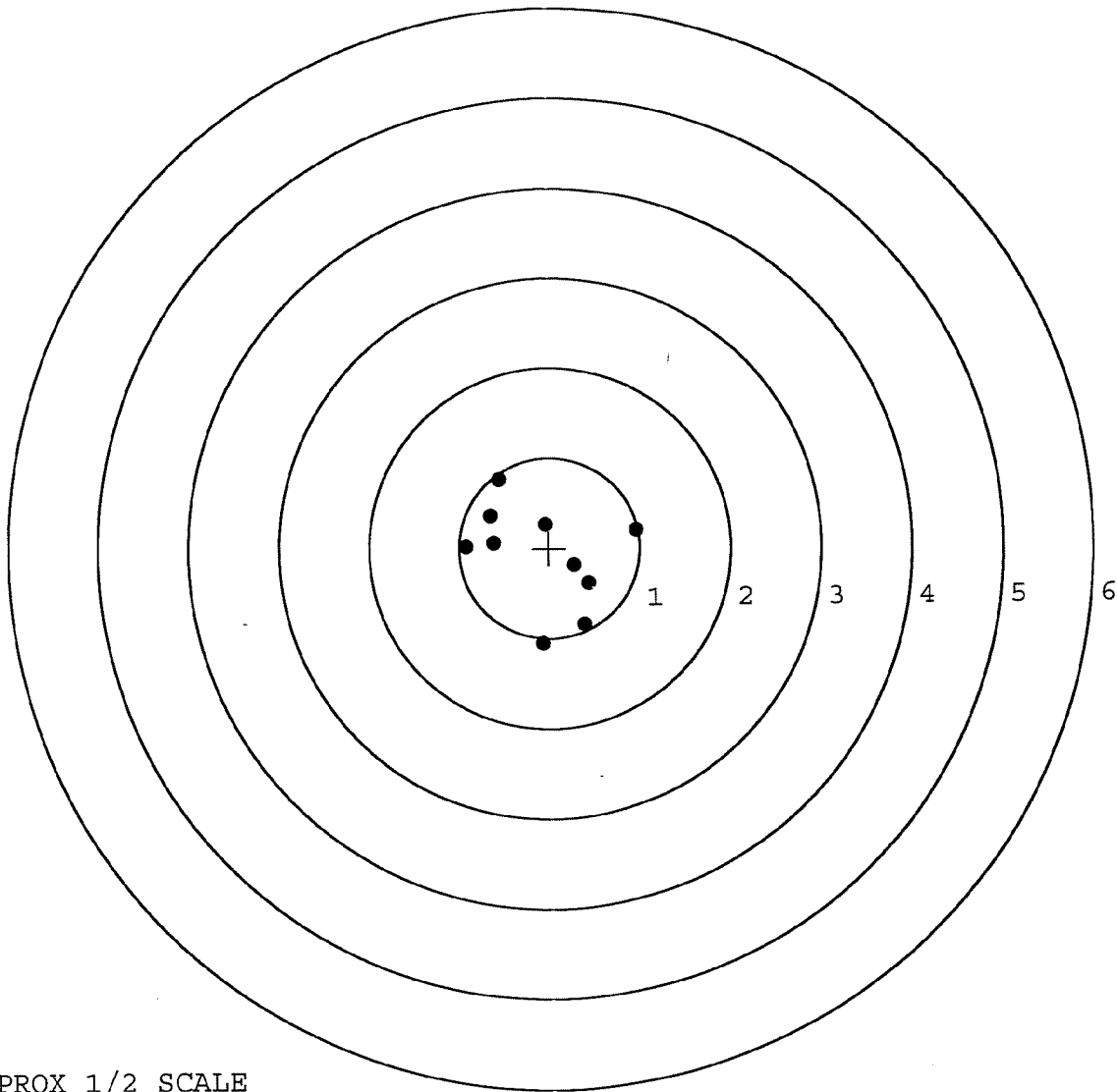


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590133. __ 0
 TARGET NUMBER: 3
 FILE DATE: 09/25/2006
 FILE TIME: 07:15

POINT#	X	Y
1:	-0.076	-1.066
2:	0.390	-0.849
3:	0.435	-0.390
4:	0.280	-0.189
5:	0.961	0.197
6:	-0.042	0.265
7:	-0.925	0.020
8:	-0.618	0.065
9:	-0.653	0.365
10:	-0.556	0.763

X CENTROID: -0.080
 Y CENTROID: -0.082
 POA TO CENTROID: 0.115
 HORZ SPREAD: 1.886
 VERT SPREAD: 1.829
 GROUP SPREAD: 1.894
 MIN RADIUS: 0.349
 MAX RADIUS: 1.078
 MEAN RADIUS: 0.739
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

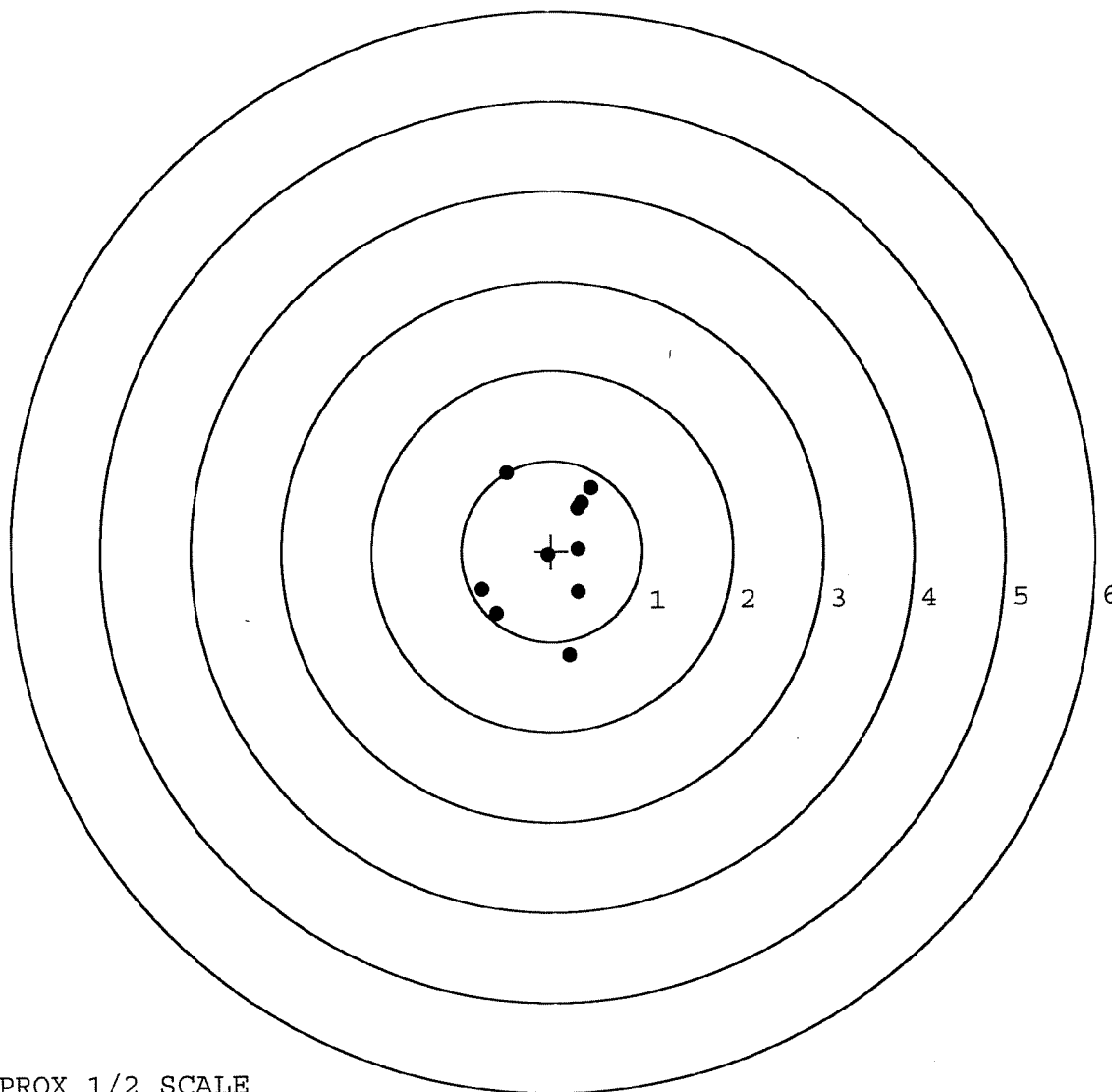


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590133. __0
 TARGET NUMBER: 4
 FILE DATE: 09/25/2006
 FILE TIME: 07:15

POINT#	X	Y
1:	-0.619	-0.692
2:	-0.779	-0.423
3:	0.198	-1.158
4:	0.299	-0.456
5:	-0.044	-0.044
6:	0.300	0.026
7:	0.443	0.695
8:	0.297	0.478
9:	-0.489	0.870
10:	0.336	0.536

X CENTROID: -0.006
 Y CENTROID: -0.017
 POA TO CENTROID: 0.018
 HORZ SPREAD: 1.222
 VERT SPREAD: 2.028
 GROUP SPREAD: 2.141
 MIN RADIUS: 0.047
 MAX RADIUS: 1.159
 MEAN RADIUS: 0.692
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590133. __0

TARGET NUMBER: 5

FILE DATE: 09/25/2006

FILE TIME: 07:15

POINT#	X	Y
1:	-0.299	0.685
2:	-0.843	0.142
3:	-0.570	-0.188
4:	0.139	-1.018
5:	0.268	-0.677
6:	-0.096	-0.252
7:	0.497	-0.181
8:	0.364	0.216
9:	0.033	0.159
10:	-0.014	-0.070

X CENTROID: -0.052

Y CENTROID: -0.118

POA TO CENTROID: 0.129

HORZ SPREAD: 1.340

VERT SPREAD: 1.703

GROUP SPREAD: 1.758

MIN RADIUS: 0.062

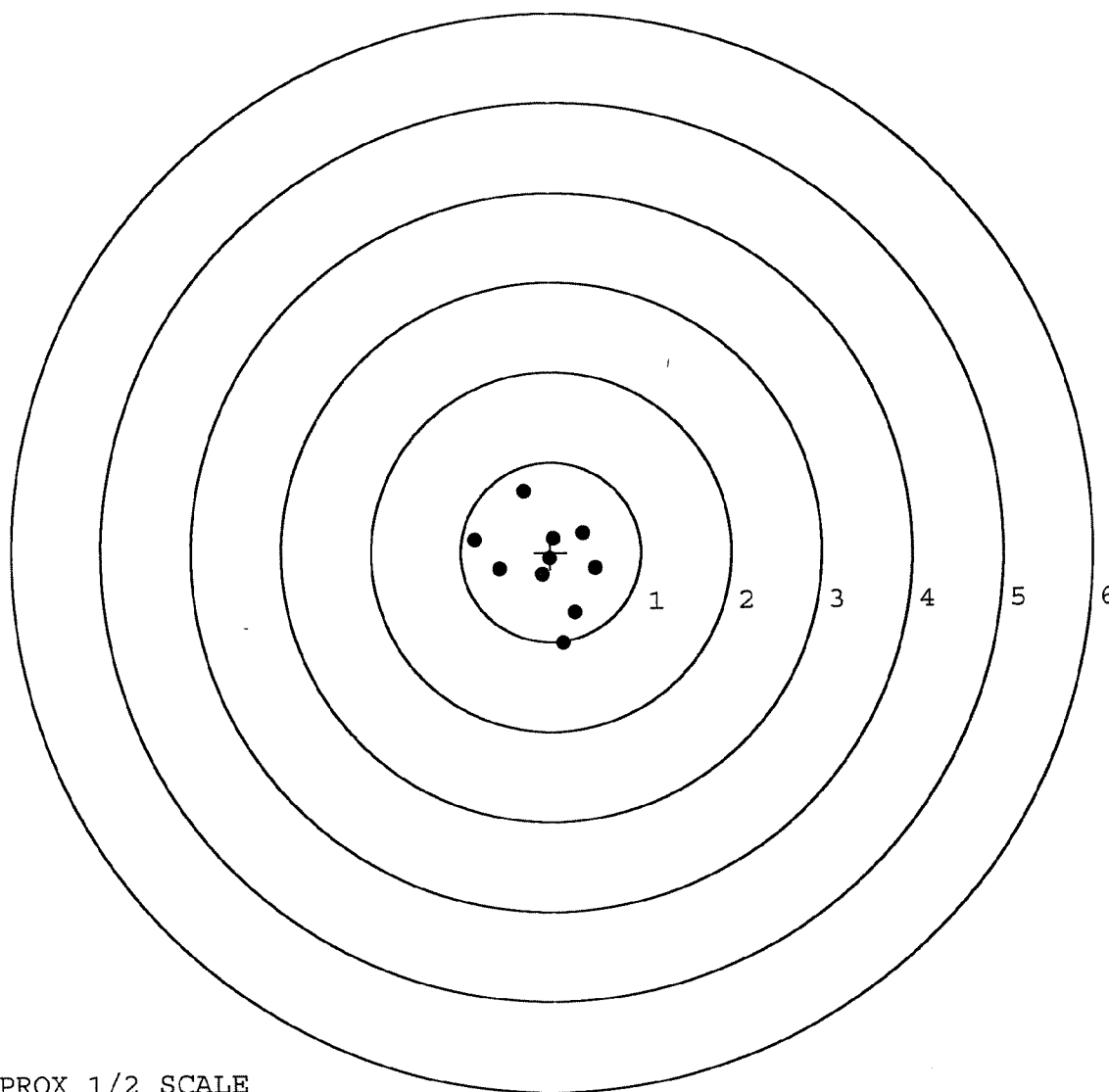
MAX RADIUS: 0.920

MEAN RADIUS: 0.534

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE