

G 6590197

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



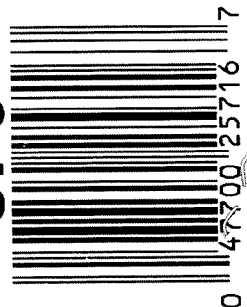
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6590197

UPC



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



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SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6590197

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		9-6-06	RTZ
420	ASSEMBLE ACTION		9-13-06	RTZ
430	ASSEMBLE TO STOCK			
440	PROOF		9-13-06	TRW
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED SEP 18 2006	9-13-06	TRW
470	DIS-ASSEMBLE ACTION			
480	MAGNAFLUX BBL ACTION	OPERATOR <u>CPD</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	CB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		9/18/06	FB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9/21/06	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9/21/06	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9/21/06	DA
	D) OIL FIRING PIN ASSEMBLY		9-22-06	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			10/10/06

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>8²</u> <u>7²</u> <u>7⁵</u>	10-2-06	SD
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>6⁵</u> <u>6⁵</u> <u>6²</u>	10-2-06	SD
	H) TRIGGER PULL TEST AND RETAINABILITY		10/10/06	norm
	I) FIRING PIN INDENT .020 MIN	<u>.025</u> <u>.026</u> <u>.026</u>	10-2-06	SD
	J) ASSEMBLE STOCK		9-22-06	RTZ
	K) ASSEMBLE SWIVEL STUDS		10/10/06	norm
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		9-22-06	RTZ
	M) IRON SIGHT ALIGNMENT		9-22-06	RTZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		9-22-06	RTZ
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	9-23-06	TRW
	MALFUNCTION	CORRECTION	N/A	
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		9-23-06	DK
670	FINAL INSPECTION A) HEADSPACE		10/10/06	norm
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.40</u> <u>2.40</u> <u>2.42</u> <u>2.47</u> <u>2.57</u>	9/25/06	DA
	C) FUNCTION		10/10/06	norm
690	PACK		10-31-06	DA

F004 REV 5/2006

BARBER - M24 0166557**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

9-21-06

TESTER

RP

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	240	245		235	
PULL #2	252	251		232	
PULL #3	255	249		237	
PULL #4	253	251		234	
PULL #5	243	240		234	
TOTAL	1243	1236		1172	
AVERAGE	248	247		234	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	314	314		
PULL #2	312	300		
PULL #3	317	307		
PULL #4	321	310		
PULL #5	315	313		
TOTAL	1579	1544		
AVERAGE	315	308		

	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	418	387		4.06
PULL #2	415	4.06		4.00
PULL #3	4.05	395		392
PULL #4	4.03	397		396
PULL #5	4.01	395		396
TOTAL	20.42	19.80		19.90
AVERAGE	4.08	396		398

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590197.__0
FILE DATE AND TIME: 09/25/2006 06:30

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.030
The Average Y Centroid of the Five Target Set:	-0.007
The Average Point of Impact of the Five Target Set:	0.031
The Average Mean Radius of the Five Target Set:	0.773
The Distance from POA to Centroid Target #1:	0.123
The Distance from Centroid Target #2 to Centroid Target #1:	0.097
The Distance from Centroid Target #3 to Centroid Target #1:	0.277
The Distance from Centroid Target #4 to Centroid Target #1:	0.077
The Distance from Centroid Target #5 to Centroid Target #1:	0.206

SERIAL NUMBER: G6590197. __0

TARGET NUMBER: 1

FILE DATE: 09/25/2006

FILE TIME: 06:30

POINT#	X	Y
1:	1.469	0.904
2:	1.008	0.873
3:	0.732	0.685
4:	1.162	0.007
5:	1.005	0.106
6:	-0.448	-1.096
7:	-0.151	-0.413
8:	-0.588	0.093
9:	-0.979	0.014
10:	-2.219	-0.442

X CENTROID: 0.099

Y CENTROID: 0.073

POA TO CENTROID: 0.123

HORZ SPREAD: 3.688

VERT SPREAD: 2.000

GROUP SPREAD: 3.926

MIN RADIUS: 0.547

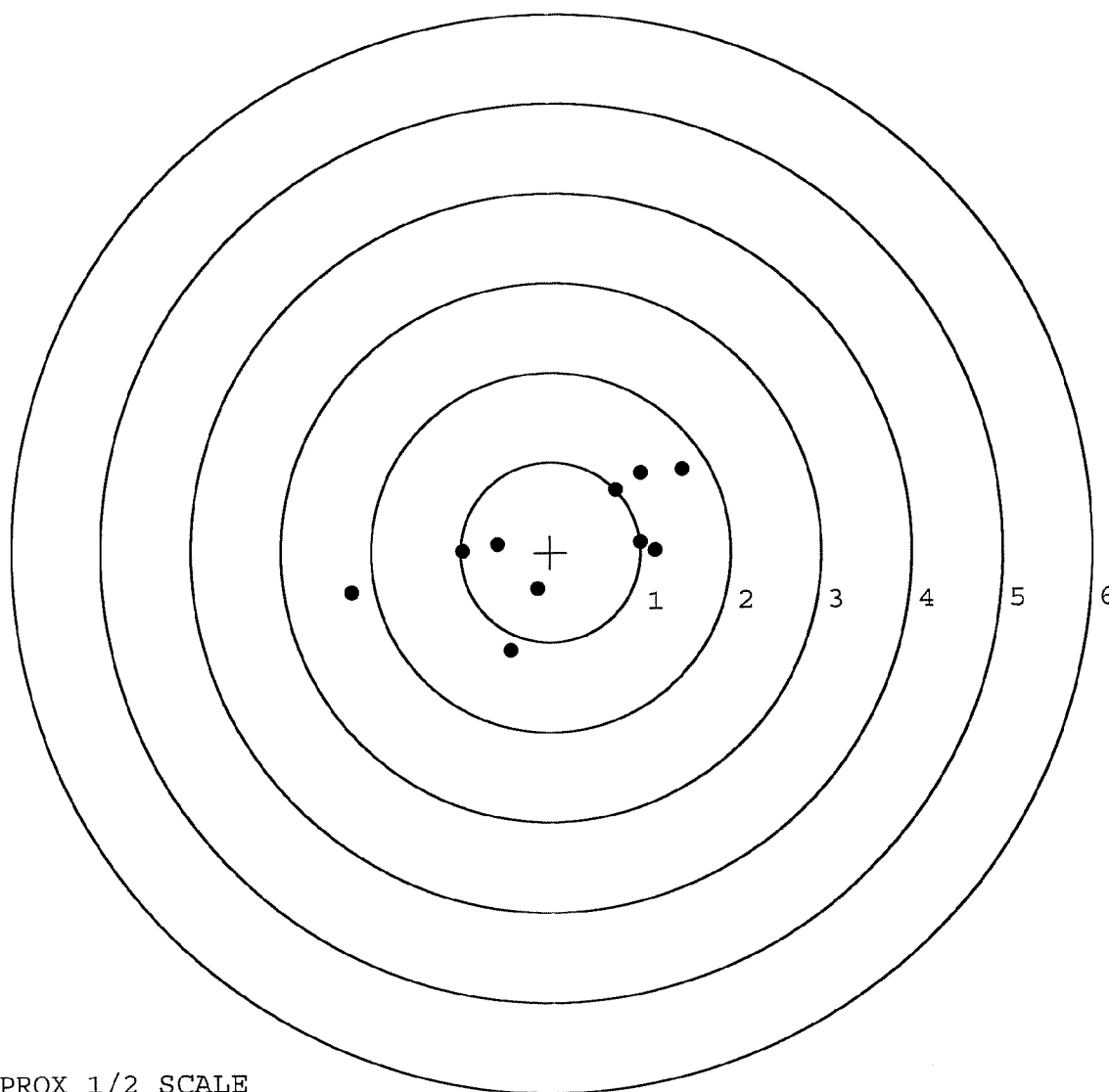
MAX RADIUS: 2.375

MEAN RADIUS: 1.164

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590197.0

TARGET NUMBER: 2

FILE DATE: 09/25/2006

FILE TIME: 06:30

X CENTROID: 0.037

Y CENTROID: -0.002

POA TO CENTROID: 0.037

HORZ SPREAD: 1.330

VERT SPREAD: 2.553

GROUP SPREAD: 2.555

MIN RADIUS: 0.139

MAX RADIUS: 1.441

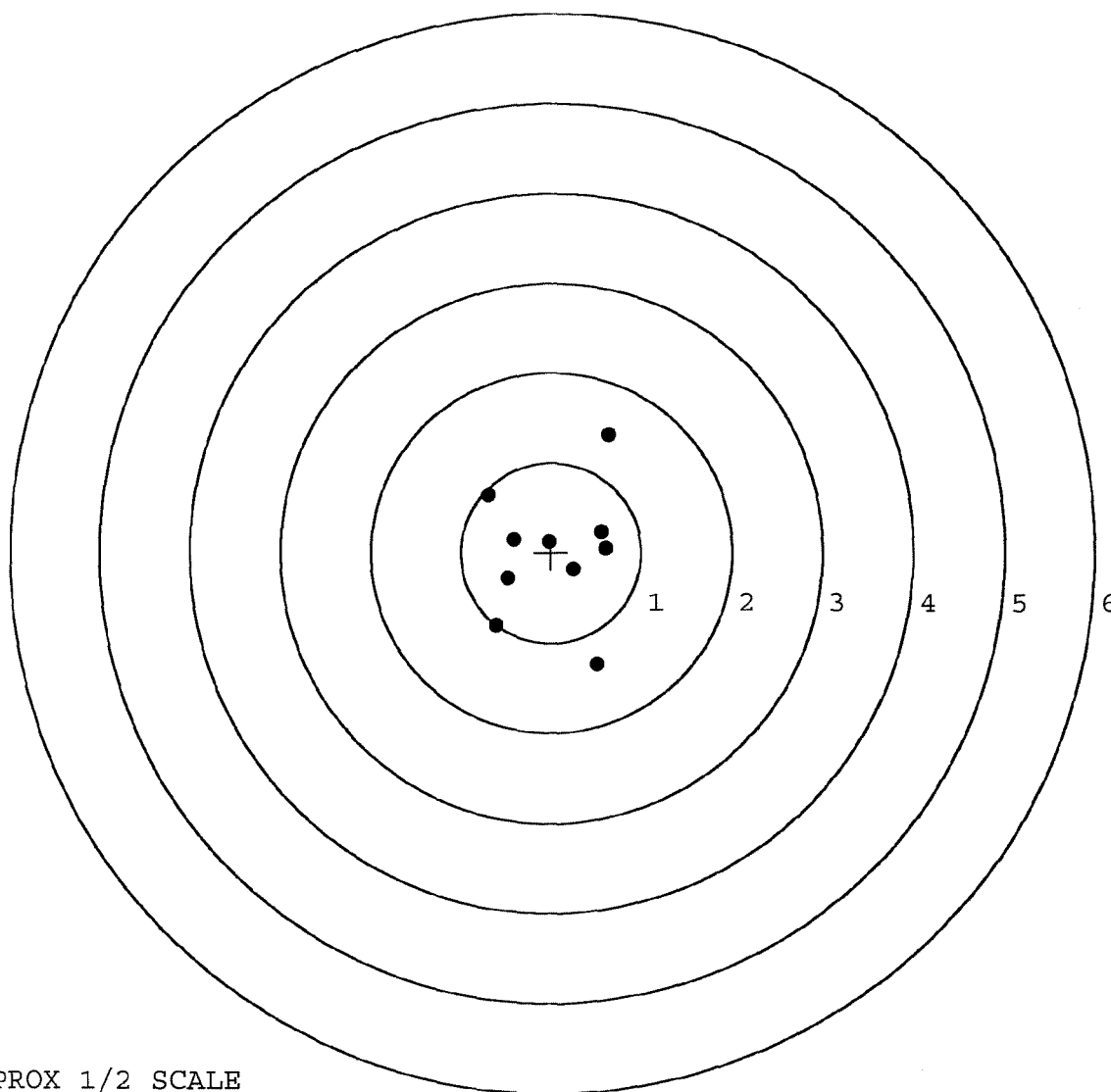
MEAN RADIUS: 0.740

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.525	-1.243
2:	-0.601	-0.808
3:	-0.478	-0.288
4:	0.252	-0.186
5:	0.607	0.052
6:	0.556	0.237
7:	-0.021	0.125
8:	-0.409	0.141
9:	-0.696	0.641
10:	0.634	1.310

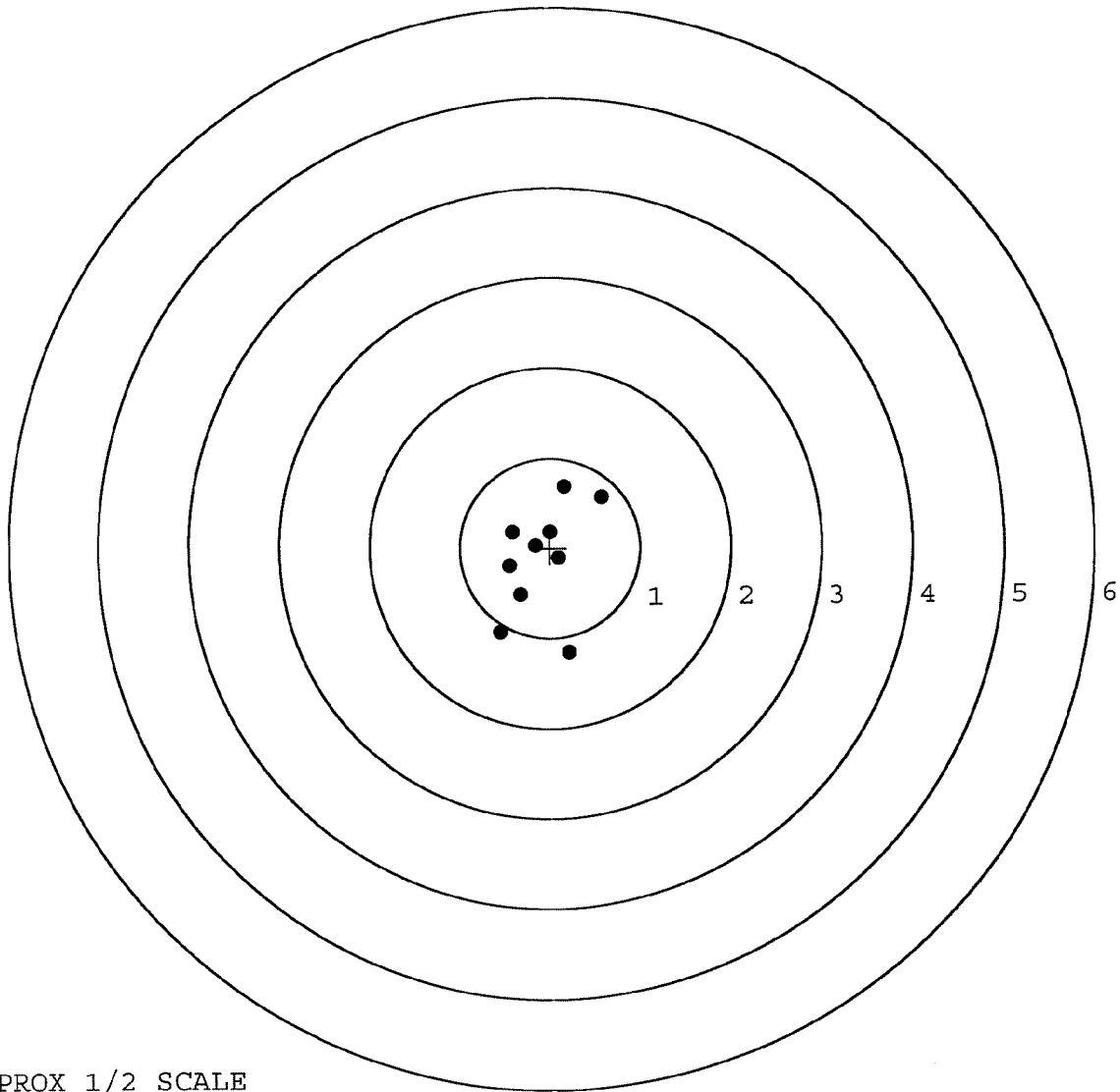


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590197. __0
 TARGET NUMBER: 3
 FILE DATE: 09/25/2006
 FILE TIME: 06:30

X CENTROID: -0.087
 Y CENTROID: -0.132
 POA TO CENTROID: 0.159
 HORZ SPREAD: 1.134
 VERT SPREAD: 1.852
 GROUP SPREAD: 1.853
 MIN RADIUS: 0.176
 MAX RADIUS: 1.076
 MEAN RADIUS: 0.579
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.210	-1.166
2:	-0.554	-0.939
3:	0.580	0.561
4:	0.163	0.686
5:	0.097	-0.119
6:	-0.005	0.175
7:	-0.327	-0.521
8:	-0.453	-0.203
9:	-0.418	0.178
10:	-0.166	0.025

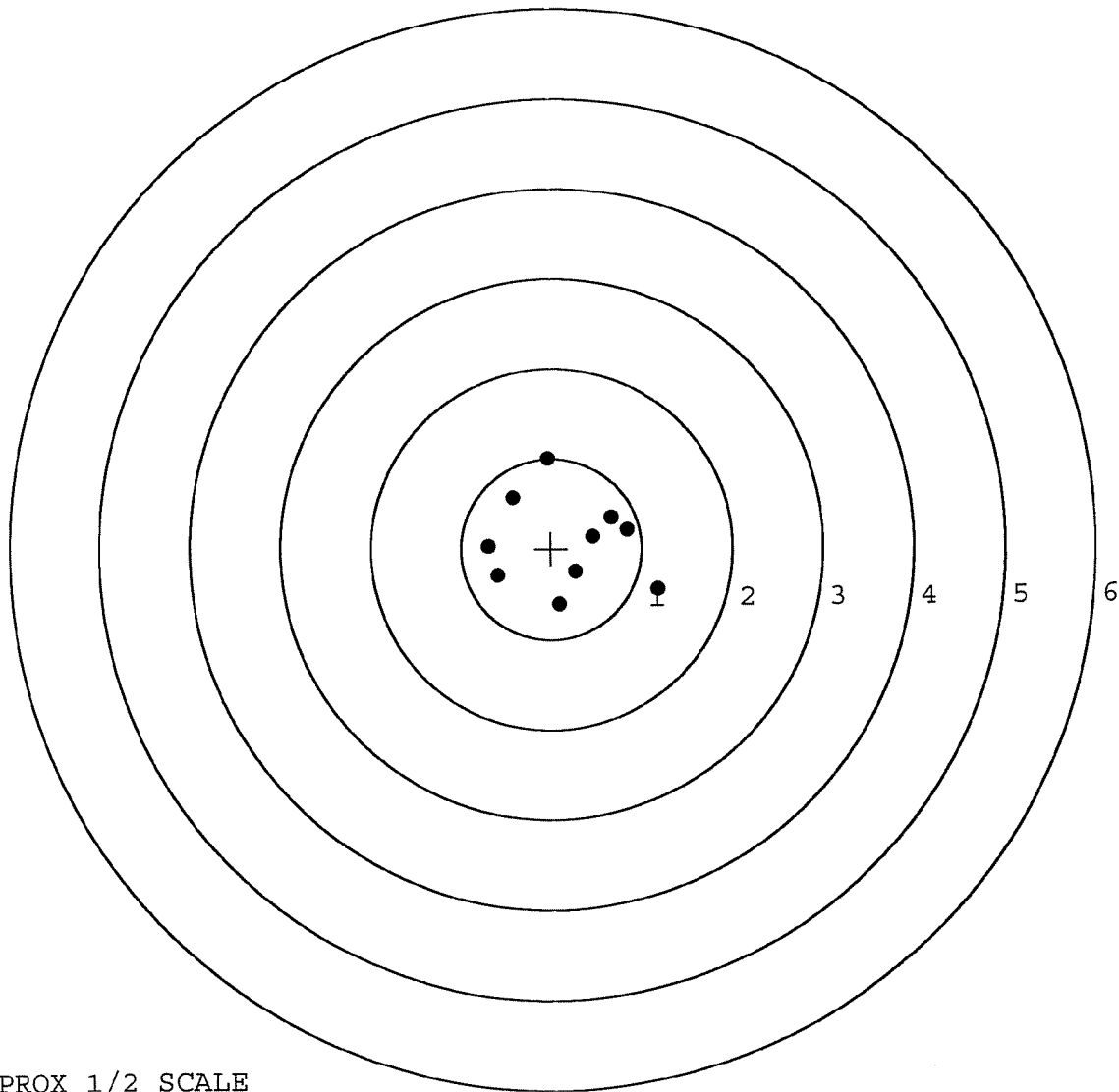


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590197. __0
 TARGET NUMBER: 4
 FILE DATE: 09/25/2006
 FILE TIME: 06:30

POINT#	X	Y
1:	1.176	-0.465
2:	0.090	-0.617
3:	0.268	-0.256
4:	0.462	0.128
5:	0.667	0.345
6:	0.846	0.204
7:	-0.034	1.001
8:	-0.425	0.567
9:	-0.694	0.028
10:	-0.598	-0.295

X CENTROID: 0.176
 Y CENTROID: 0.064
 POA TO CENTROID: 0.187
 HORZ SPREAD: 1.870
 VERT SPREAD: 1.618
 GROUP SPREAD: 1.934
 MIN RADIUS: 0.293
 MAX RADIUS: 1.131
 MEAN RADIUS: 0.716
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

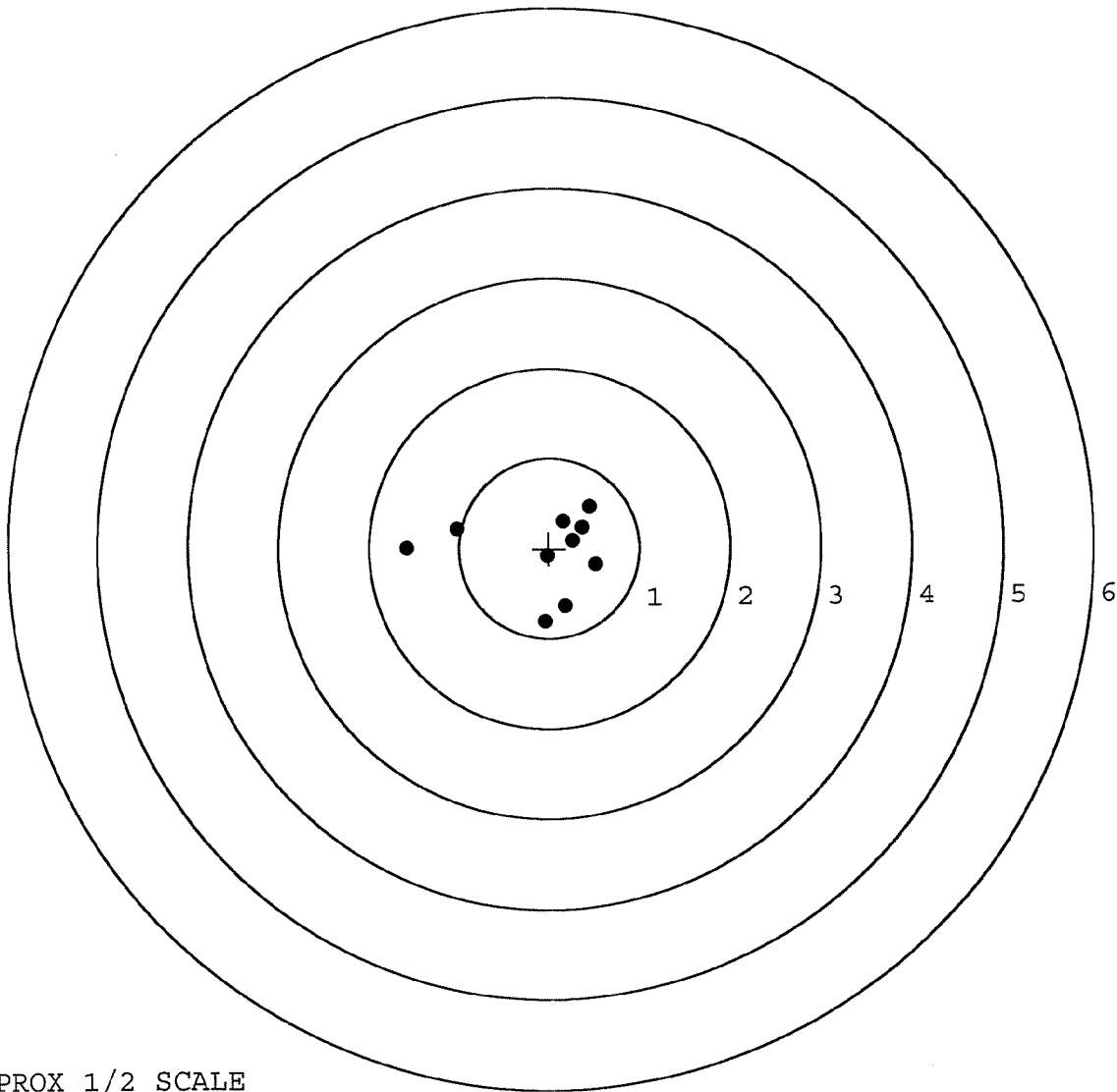


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590197. __0
 TARGET NUMBER: 5
 FILE DATE: 09/25/2006
 FILE TIME: 06:30

X CENTROID: -0.075
 Y CENTROID: -0.038
 POA TO CENTROID: 0.084
 HORZ SPREAD: 2.102
 VERT SPREAD: 1.276
 GROUP SPREAD: 2.112
 MIN RADIUS: 0.069
 MAX RADIUS: 1.511
 MEAN RADIUS: 0.663
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-1.585	0.019
2:	-1.025	0.229
3:	-0.052	-0.814
4:	0.174	-0.645
5:	0.517	-0.182
6:	-0.020	-0.081
7:	0.262	0.088
8:	0.453	0.462
9:	0.156	0.306
10:	0.373	0.234



TARGET APPROX 1/2 SCALE