

G653 5210

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



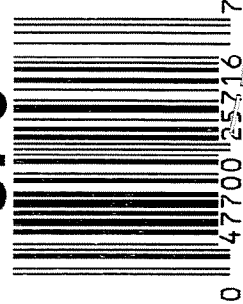
ORDER NO. **25716**

BARREL LENGTH 24"

CAPACITY 6

G6535210

UPC



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

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UPC



SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6535210

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420 & 430	ASSEMBLE ACTION ASSEMBLE TO STOCK		4-28-06	RTZ
440	PROOF		4-28-06	MTW
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	4-28-06	MTW
470	DIS-ASSEMBLE ACTION		5-1-06	RTZ
480 & 490	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	OP# 460 MAY 02 2006 OPERATOR <u>CRD</u>	3-2-06	CRD
500	ROLLMARK CALIBER		5-2-06	CW
510	DRILL AND TAP SIGHT HOLES		5-1-06	TRW
520	GOFF BLAST BBL / REC		5-3-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)		5-9-06	MP
	(BOLT)			
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		5-17-06	RA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		5-17-06	RA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		5-17-06	RA
	D) OIL FIRING PIN ASSEMBLY		5-19-06	AC
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		6-16-06	MTW

REV-8405

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>5.3</u> <u>5.5</u> <u>5.9</u>	6-14-06	DA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	^{DA} <u>2.25</u> ^{DA} <u>2.25</u> ^{DA} <u>2.25</u>	6-14-06	DA
	H) TRIGGER PULL TEST AND RETAINABILITY		6-16-06	MTW
	I) FIRING PIN INDENT .020 MIN	<u>1.025</u> <u>1.025</u> <u>1.025</u>	6-14-06	DA
	J) ASSEMBLE STOCK		6-8-06	AC
	K) ASSEMBLE SWIVEL STUDS		6-16-06	MTW
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		6-8-06	AC
	M) IRON SIGHT ALIGNMENT		6-8-06	AC
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		6-8-06	AC
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	6-9-06	MTW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		6-9-06	P.P.D.
670	FINAL INSPECTION A) HEADSPACE		6-16-06	MTW
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.73</u> <u>2.73</u> <u>2.39</u> <u>2.72</u> <u>2.89</u>	6-14-06	DA
	C) FUNCTION		6-16-06	MTW
690	PACK		11/14/06	DA

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 4-17-06TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	256	244		242	
PULL #2	257	261		260	
PULL #3	240	260		259	
PULL #4	246	264		258	
PULL #5	253	254		249	
TOTAL	1252	1283		1269	
AVERAGE	250	256		253	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	306	319		
PULL #2	302	317		
PULL #3	325	309		
PULL #4	317	316		
PULL #5	319	309		
TOTAL	1569	1570		
AVERAGE	313	314		

	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	405	419		408
PULL #2	424	417		416
PULL #3	417	410		408
PULL #4	422	405		413
PULL #5	427	408		411
TOTAL	2085	2059		2056
AVERAGE	419	411		411

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6535210.___0

FILE DATE AND TIME: 06/09/2006 17:19

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.103
The Average Y Centroid of the Five Target Set:	-0.030
The Average Point of Impact of the Five Target Set:	0.107
The Average Mean Radius of the Five Target Set:	0.697
The Distance from POA to Centroid Target #1:	0.110
The Distance from Centroid Target #2 to Centroid Target #1:	0.195
The Distance from Centroid Target #3 to Centroid Target #1:	0.026
The Distance from Centroid Target #4 to Centroid Target #1:	0.271
The Distance from Centroid Target #5 to Centroid Target #1:	0.141

BARBER - M24 0089634

SERIAL NUMBER: G6535210. 0

TARGET NUMBER: 1

FILE DATE: 06/09/2006

FILE TIME: 17:19

POINT#	X	Y
1:	-1.205	0.506
2:	0.359	0.832
3:	-0.209	0.273
4:	0.250	0.366
5:	0.449	-0.007
6:	0.190	-0.056
7:	0.363	-0.353
8:	-0.112	-0.750
9:	-0.114	-1.105
10:	1.070	0.659

X CENTROID: 0.104

Y CENTROID: 0.036

POA TO CENTROID: 0.110

HORZ SPREAD: 2.275

VERT SPREAD: 1.937

GROUP SPREAD: 2.280

MIN RADIUS: 0.126

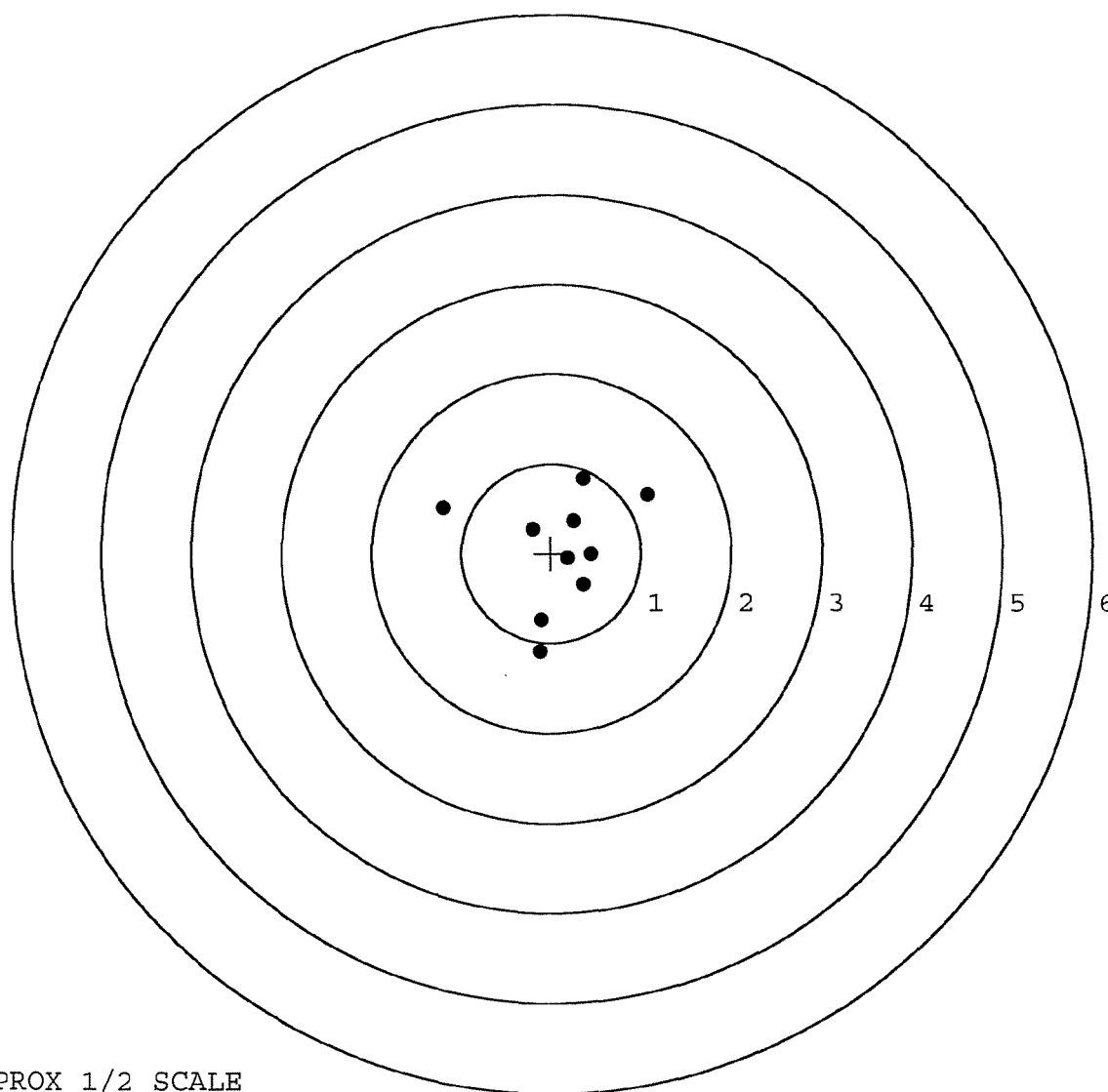
MAX RADIUS: 1.391

MEAN RADIUS: 0.705

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0089635

SERIAL NUMBER: G6535210. __0

TARGET NUMBER: 2

FILE DATE: 06/09/2006

FILE TIME: 17:19

POINT#	X	Y
1:	-1.242	0.933
2:	-0.276	0.908
3:	-0.354	0.473
4:	-0.282	0.236
5:	0.414	0.201
6:	0.109	-0.248
7:	0.559	-0.433
8:	0.526	-0.563
9:	-0.028	-0.742
10:	-0.324	-0.565

X CENTROID: -0.090

Y CENTROID: 0.020

POA TO CENTROID: 0.092

HORZ SPREAD: 1.801

VERT SPREAD: 1.675

GROUP SPREAD: 2.316

MIN RADIUS: 0.289

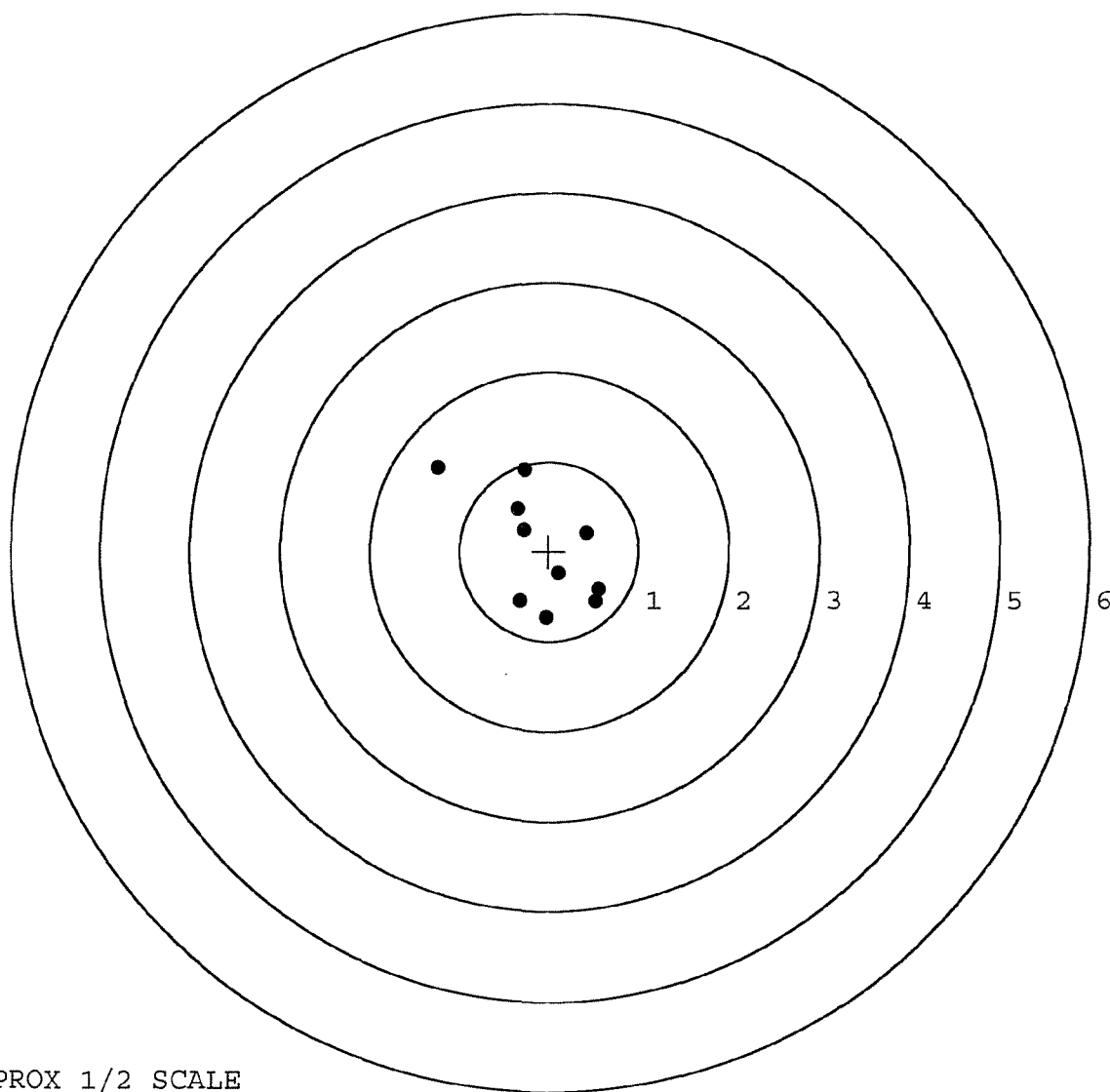
MAX RADIUS: 1.470

MEAN RADIUS: 0.709

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



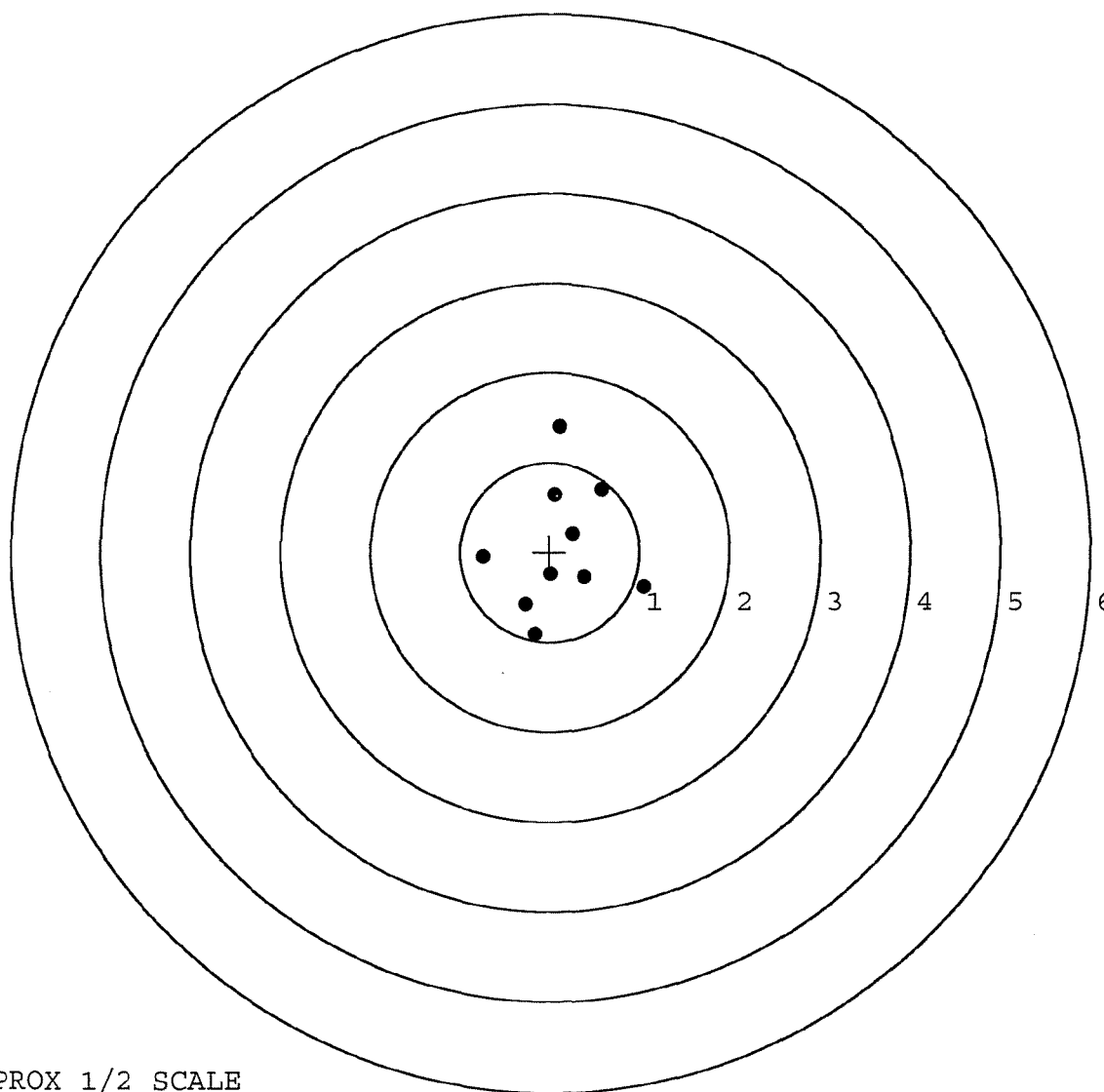
TARGET APPROX 1/2 SCALE

BARBER - M24 0089636

SERIAL NUMBER: G6535210. __0
 TARGET NUMBER: 3
 FILE DATE: 06/09/2006
 FILE TIME: 17:19

POINT#	X	Y
1:	0.113	1.397
2:	0.055	0.643
3:	0.582	0.701
4:	0.254	0.209
5:	-0.741	-0.055
6:	0.016	-0.250
7:	0.391	-0.278
8:	1.047	-0.390
9:	-0.268	-0.591
10:	-0.164	-0.922

X CENTROID: 0.129
 Y CENTROID: 0.046
 POA TO CENTROID: 0.137
 HORZ SPREAD: 1.788
 VERT SPREAD: 2.319
 GROUP SPREAD: 2.335
 MIN RADIUS: 0.205
 MAX RADIUS: 1.351
 MEAN RADIUS: 0.734
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535210. 0

TARGET NUMBER: 4

FILE DATE: 06/09/2006

FILE TIME: 17:19

POINT#	X	Y
1:	0.407	0.961
2:	-0.936	0.552
3:	-0.518	-0.248
4:	-0.290	-0.465
5:	1.913	-0.813
6:	0.380	-0.637
7:	0.322	-0.339
8:	0.443	-0.116
9:	0.577	-0.113
10:	0.711	-0.283

X CENTROID: 0.301

Y CENTROID: -0.150

POA TO CENTROID: 0.336

HORZ SPREAD: 2.849

VERT SPREAD: 1.774

GROUP SPREAD: 3.159

MIN RADIUS: 0.146

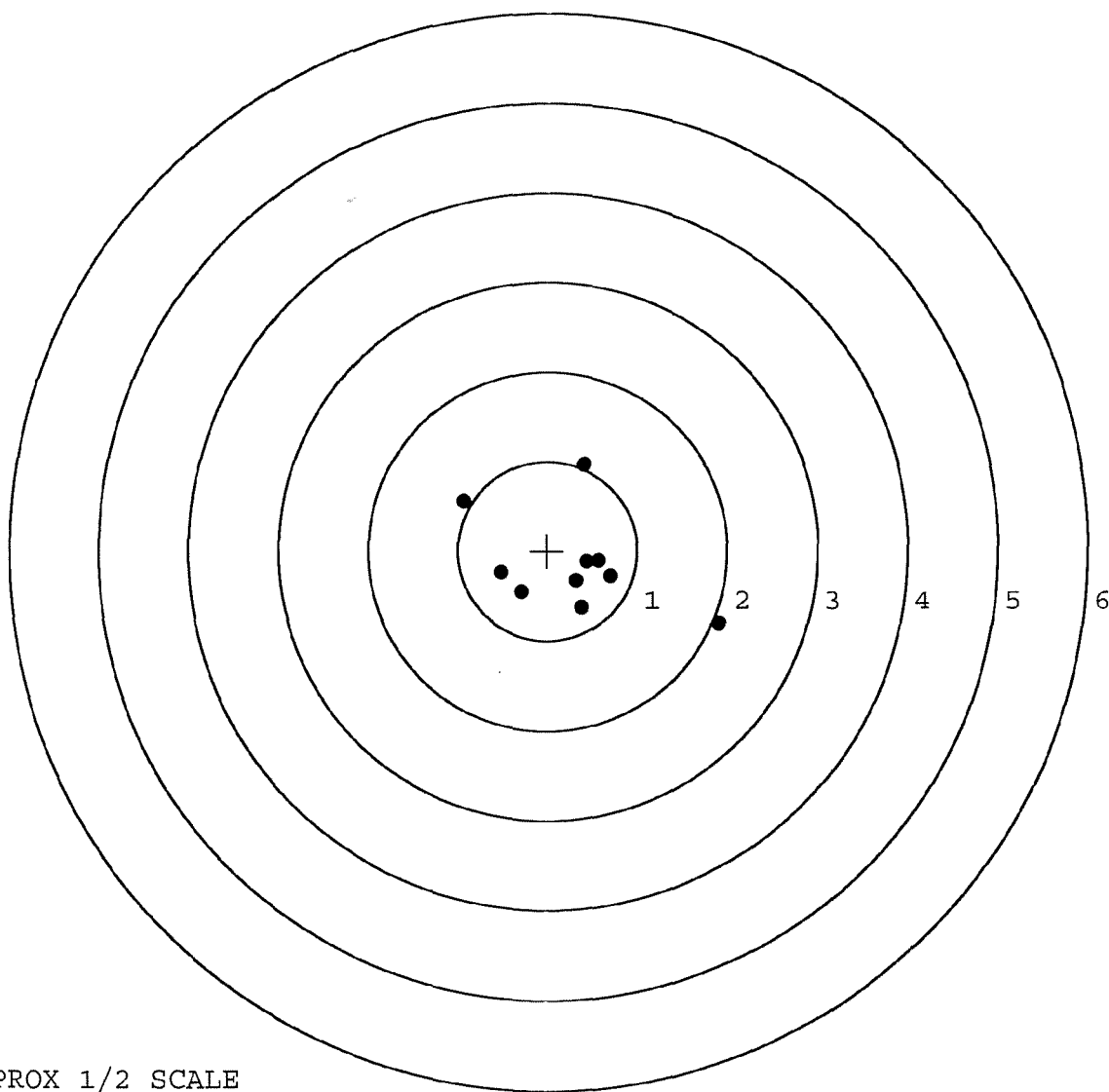
MAX RADIUS: 1.743

MEAN RADIUS: 0.731

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

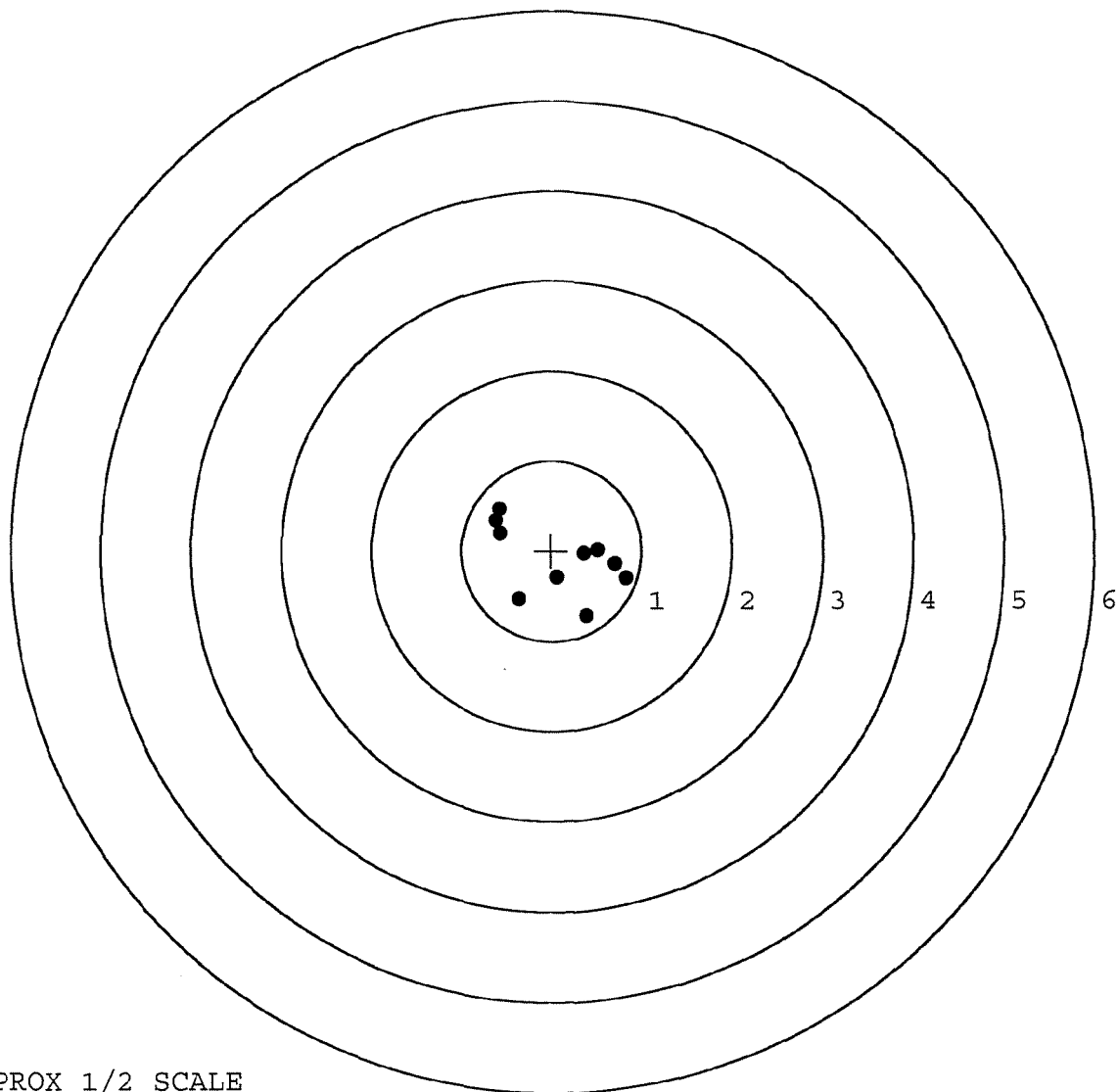


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535210. __0
 TARGET NUMBER: 5
 FILE DATE: 06/09/2006
 FILE TIME: 17:19

POINT#	X	Y
1:	-0.577	0.198
2:	-0.583	0.463
3:	0.362	-0.028
4:	0.515	0.019
5:	0.707	-0.146
6:	0.827	-0.302
7:	0.392	-0.714
8:	0.063	-0.295
9:	-0.363	-0.539
10:	-0.620	0.334

X CENTROID: 0.072
 Y CENTROID: -0.101
 POA TO CENTROID: 0.124
 HORZ SPREAD: 1.447
 VERT SPREAD: 1.177
 GROUP SPREAD: 1.604
 MIN RADIUS: 0.194
 MAX RADIUS: 0.865
 MEAN RADIUS: 0.607
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE