

G 659 1688

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



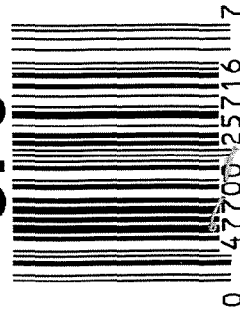
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6591688

UPC



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

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SERIAL NO.



GUN SERIAL # G659 1688

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		9-8-06	RTZ
420	ASSEMBLE ACTION		9-14-06	RTZ
430	ASSEMBLE TO STOCK		9-15-06	X.P.D.
440	PROOF		9-15-06	X.P.D.
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	9-15-06	X.P.D.
470	DIS-ASSEMBLE ACTION	SEP 21 2006		
480	MAGNAFLUX BBL ACTION	OPERATOR <u>CPD</u>	9-21-06	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		9-20-06	CW
510	DRILL AND TAP SIGHT HOLES		9-20-06	RLW
520	GOFF BLAST BBL / REC		9-21-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)		9/29	HA
	(BOLT)			
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9/27/06	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9/27/06	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9/27/06	DA
	D) OIL FIRING PIN ASSEMBLY		9-29-06	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		10/9/06	MTA
F004 REV 5/2006				

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>7.0</u> <u>6.5</u> <u>6.5</u>	9/30	Fm
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>4.0</u> <u>4.0</u> <u>4.0</u>	9/30	Fm
	H) TRIGGER PULL TEST AND RETAINABILITY		10/9/06	mmh
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.025</u> <u>.026</u>	9/30	Fm
	J) ASSEMBLE STOCK		9-29-06	RT
	K) ASSEMBLE SWIVEL STUDS		10/9/06	mmh
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		9-29-06	RT
	M) IRON SIGHT ALIGNMENT		9-29-06	RT
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		9-29-06	RT
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	9-29-06	L.P.D.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		9/29/06	mmh
670	FINAL INSPECTION A) HEADSPACE		10/9/06	mmh
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.29</u> <u>2.29</u> <u>2.28</u> <u>2.45</u> <u>2.30</u>	9-30-06	RA
	C) FUNCTION		10/9/06	mmh
690	PACK		11/7/06	RA

F004 REV 5/2006

BARBER - M24 0169630AVERAGE 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 9-28-06TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	263	248		240	
PULL #2	230	244		246	
PULL #3	233	247		249	
PULL #4	246	260		244	
PULL #5	250	260		246	
TOTAL	1222	1259		1225	
AVERAGE	244	251		245	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	316	303		
PULL #2	301	305		
PULL #3	309	304		
PULL #4	308	304		
PULL #5	314	303		
TOTAL	1548	1519		
AVERAGE	309	303		

	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	413	410		399
PULL #2	409	410		404
PULL #3	409	411		406
PULL #4	408	406		402
PULL #5	406	408		406
TOTAL	2045	2045		2017
AVERAGE	409	409		403

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6591688.___0
FILE DATE AND TIME: 09/30/2006 01:29

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.096
The Average Y Centroid of the Five Target Set:	-0.043
The Average Point of Impact of the Five Target Set:	0.106
The Average Mean Radius of the Five Target Set:	0.683
The Distance from POA to Centroid Target #1:	0.176
The Distance from Centroid Target #2 to Centroid Target #1:	0.555
The Distance from Centroid Target #3 to Centroid Target #1:	0.300
The Distance from Centroid Target #4 to Centroid Target #1:	0.229
The Distance from Centroid Target #5 to Centroid Target #1:	0.293

BARBER - M24 0169632

SERIAL NUMBER: G6591688. __0

TARGET NUMBER: 1

FILE DATE: 09/30/2006

FILE TIME: 01:29

POINT#	X	Y
1:	1.514	0.057
2:	0.371	-0.335
3:	-0.403	-0.165
4:	-0.728	-0.306
5:	-0.675	0.289
6:	-1.639	0.109
7:	-0.180	0.704
8:	0.305	0.606
9:	0.516	0.469
10:	0.370	0.239

X CENTROID: -0.055

Y CENTROID: 0.167

POA TO CENTROID: 0.176

HORZ SPREAD: 3.153

VERT SPREAD: 1.039

GROUP SPREAD: 3.153

MIN RADIUS: 0.431

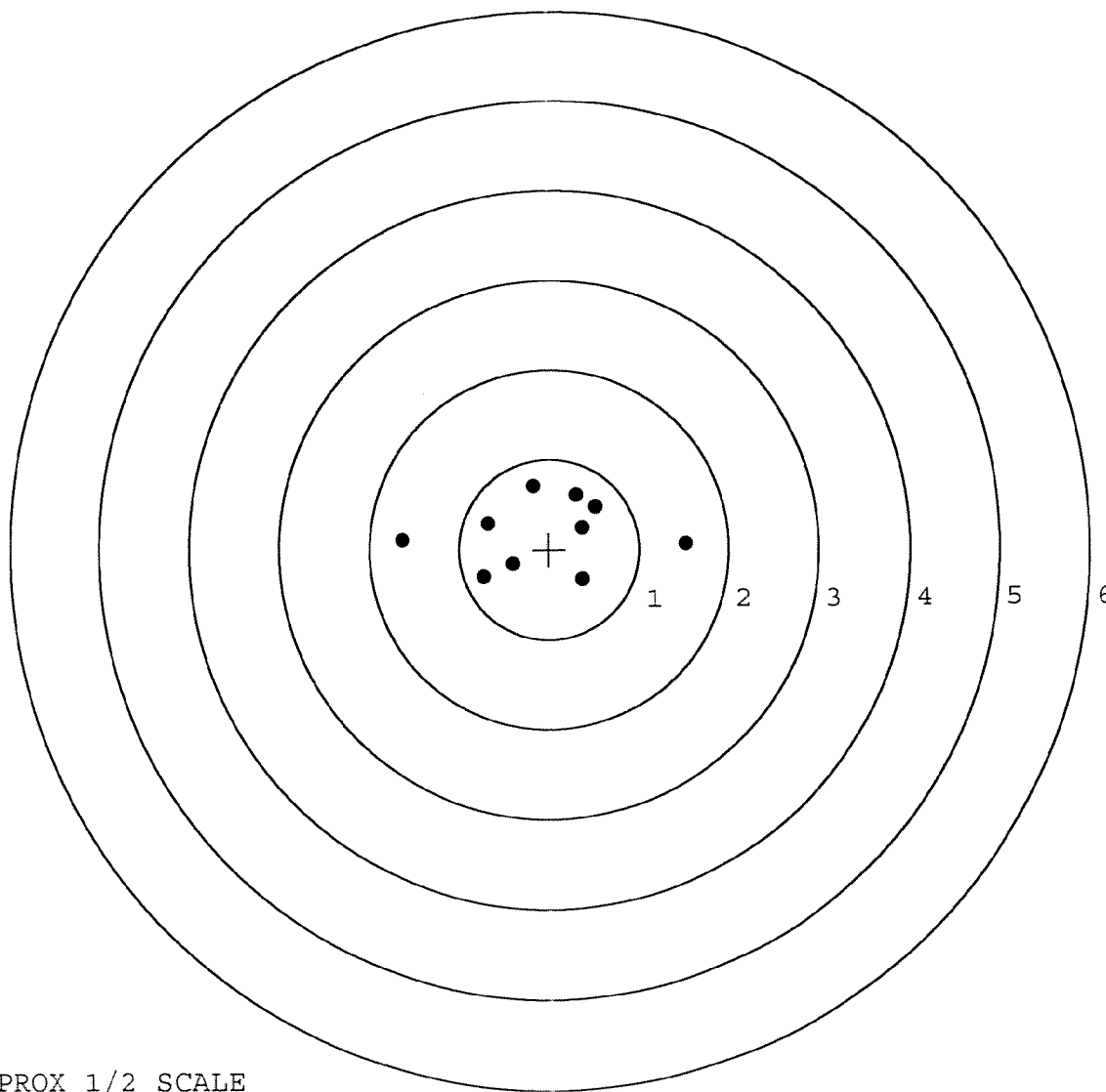
MAX RADIUS: 1.585

MEAN RADIUS: 0.795

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0169633

SERIAL NUMBER: G6591688. __0

TARGET NUMBER: 2

FILE DATE: 09/30/2006

FILE TIME: 01:29

POINT#	X	Y
1:	0.256	-0.367
2:	0.049	-0.967
3:	-0.121	-0.810
4:	-0.203	-0.719
5:	-0.154	-0.456
6:	-0.443	-0.421
7:	-0.648	-0.369
8:	-0.958	0.086
9:	-0.520	0.371
10:	-0.180	0.304

X CENTROID: -0.292

Y CENTROID: -0.335

POA TO CENTROID: 0.444

HORZ SPREAD: 1.214

VERT SPREAD: 1.338

GROUP SPREAD: 1.457

MIN RADIUS: 0.174

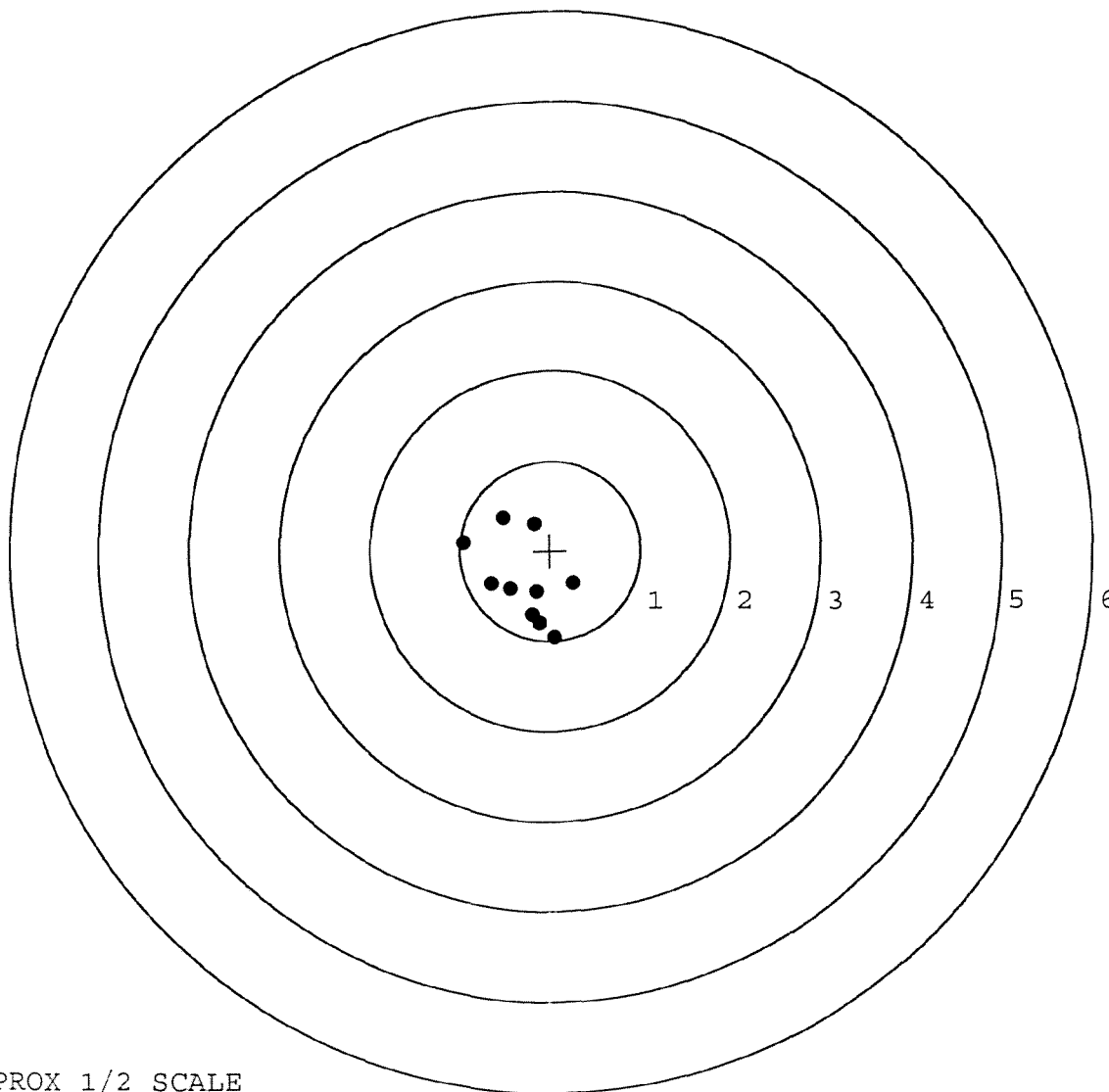
MAX RADIUS: 0.788

MEAN RADIUS: 0.506

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0169634

SERIAL NUMBER: G6591688. __0

TARGET NUMBER: 3

FILE DATE: 09/30/2006

FILE TIME: 01:29

POINT#	X	Y
1:	0.200	0.687
2:	0.047	0.317
3:	0.577	-0.207
4:	-0.972	0.246
5:	0.234	-0.698
6:	-0.195	-0.733
7:	-0.159	-0.493
8:	-0.176	-0.358
9:	-0.297	-0.107
10:	-0.179	0.033

X CENTROID: -0.092

Y CENTROID: -0.131

POA TO CENTROID: 0.160

HORZ SPREAD: 1.549

VERT SPREAD: 1.420

GROUP SPREAD: 1.614

MIN RADIUS: 0.186

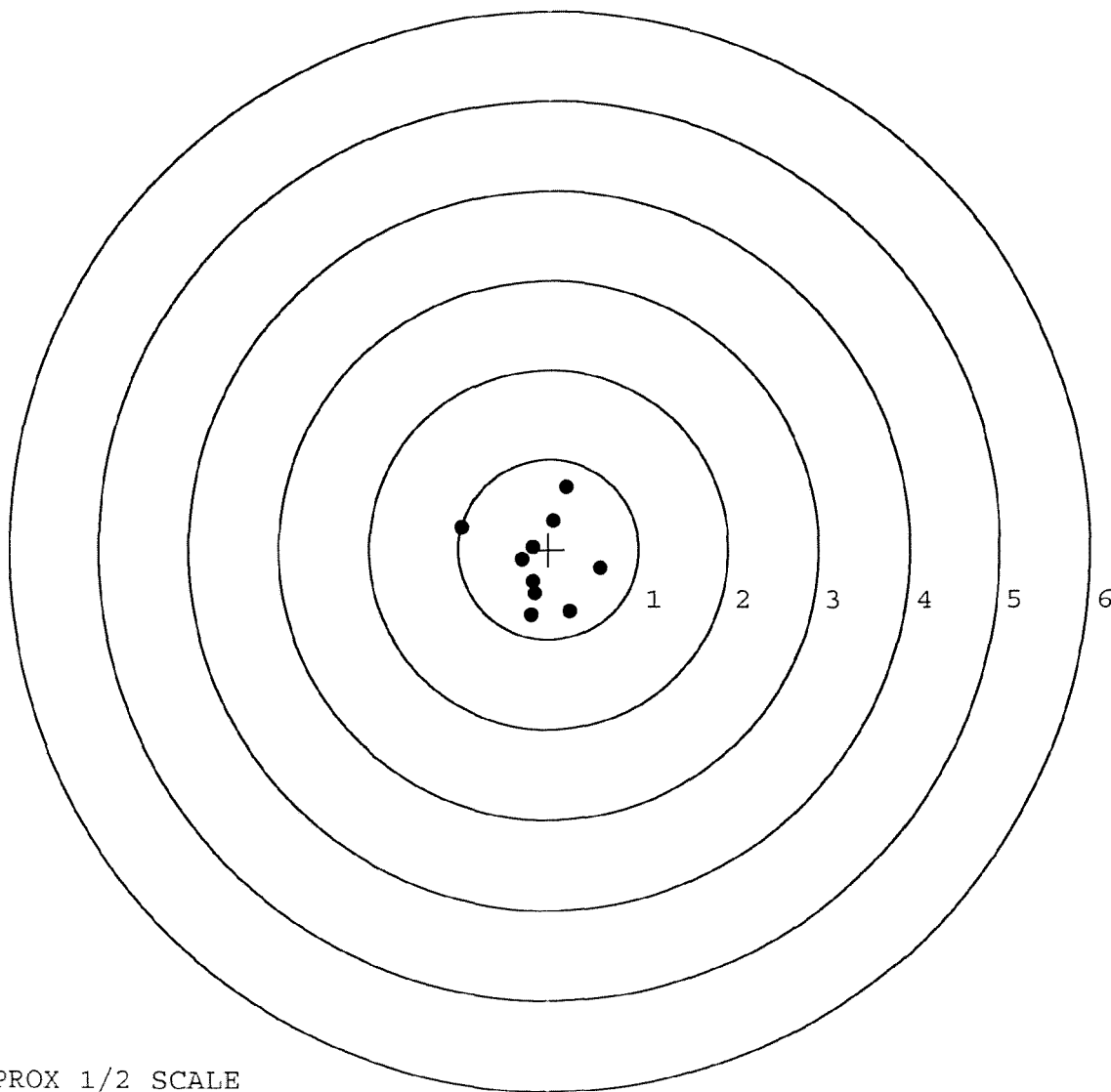
MAX RADIUS: 0.957

MEAN RADIUS: 0.524

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



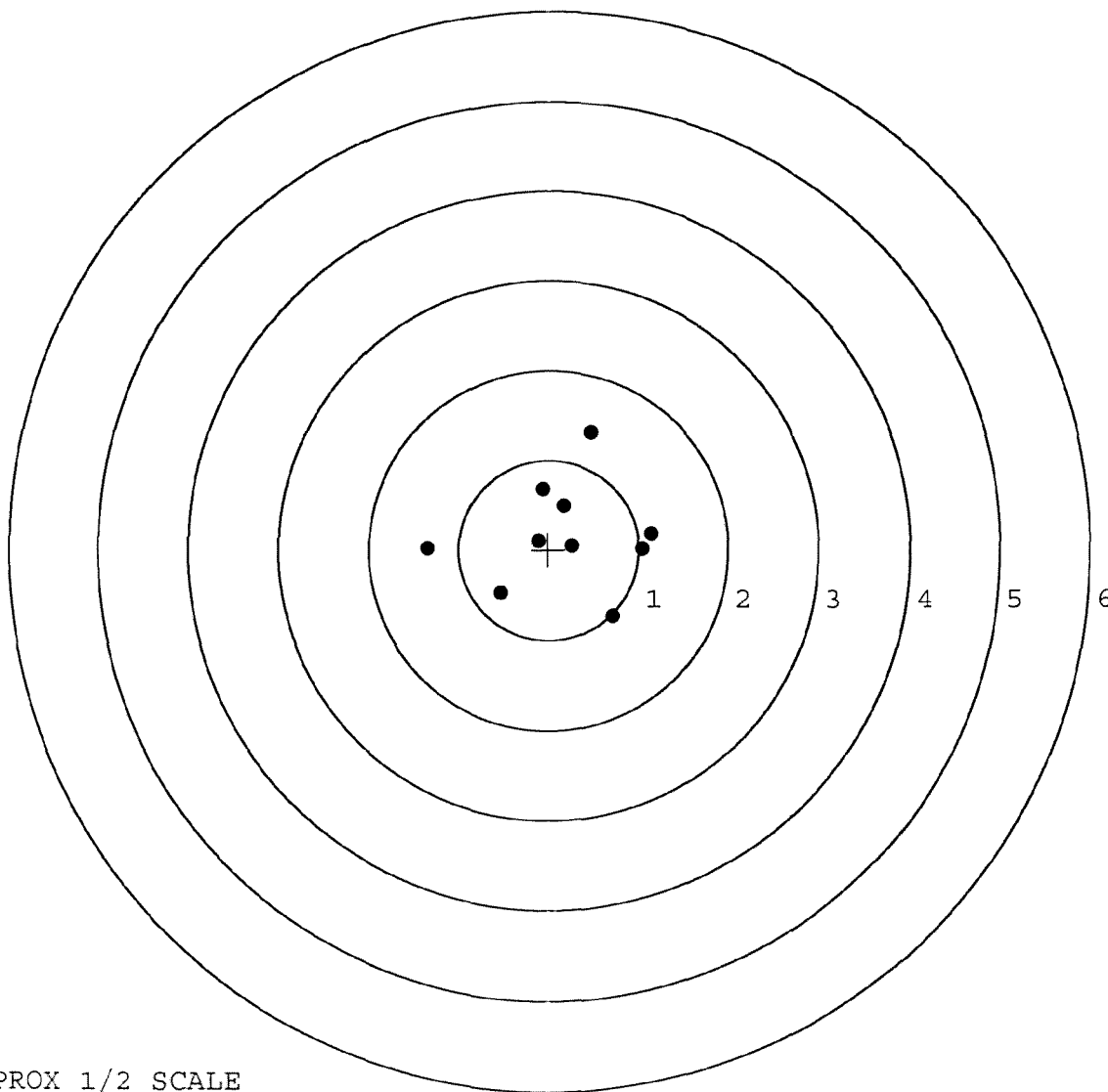
TARGET APPROX 1/2 SCALE

BARBER - M24 0169635

SERIAL NUMBER: G6591688. __0
 TARGET NUMBER: 4
 FILE DATE: 09/30/2006
 FILE TIME: 01:29

POINT#	X	Y
1:	0.708	-0.744
2:	1.042	0.013
3:	1.138	0.180
4:	0.465	1.311
5:	0.264	0.043
6:	0.168	0.489
7:	-0.061	0.680
8:	-0.108	0.099
9:	-0.529	-0.483
10:	-1.342	0.016

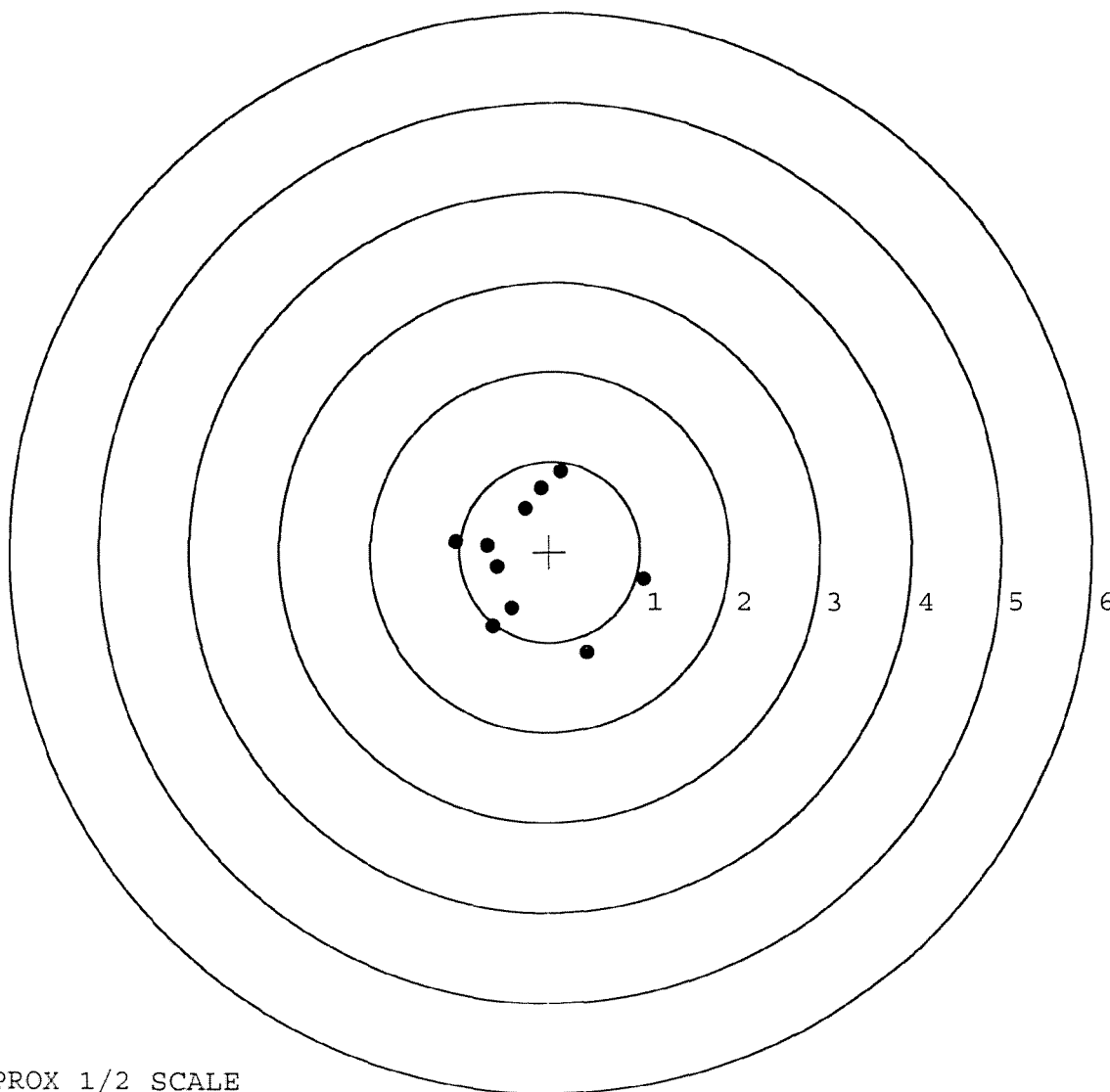
X CENTROID: 0.174
 Y CENTROID: 0.160
 POA TO CENTROID: 0.237
 HORZ SPREAD: 2.480
 VERT SPREAD: 2.055
 GROUP SPREAD: 2.485
 MIN RADIUS: 0.148
 MAX RADIUS: 1.523
 MEAN RADIUS: 0.789
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0169636

SERIAL NUMBER: G6591688. __0	POINT#	X	Y
TARGET NUMBER: 5	1:	0.420	-1.118
FILE DATE: 09/30/2006	2:	1.046	-0.306
FILE TIME: 01:29	3:	-0.631	-0.826
	4:	-0.422	-0.621
X CENTROID: -0.216	5:	-0.582	-0.164
Y CENTROID: -0.078	6:	-0.689	0.074
POA TO CENTROID: 0.230	7:	-1.046	0.111
HORZ SPREAD: 2.092	8:	0.124	0.888
VERT SPREAD: 2.006	9:	-0.106	0.703
GROUP SPREAD: 2.133	10:	-0.279	0.482
MIN RADIUS: 0.376			
MAX RADIUS: 1.283			
MEAN RADIUS: 0.804			
# IN 1 IN DIAMETER: 2			
# IN 2 IN DIAMETER: 7			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE