

G 659 16 74

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



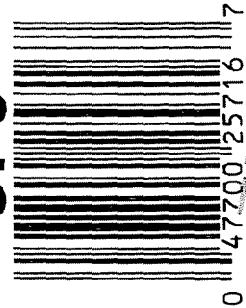
owner registration sticker



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6591674

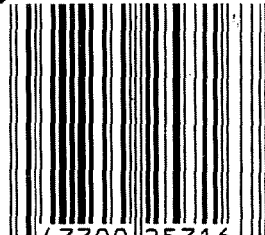
UPC



ORDER 25716

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

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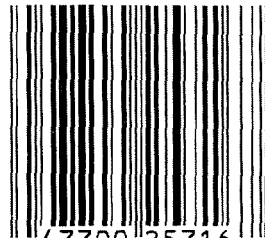


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M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

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SERIAL NO.



G6591674

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6591674

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	L.P.D.
440	PROOF		9-15-06	L.P.D.
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	9-15-06	L.P.D.
470	DIS-ASSEMBLE ACTION	SEP 21 2006		
480	MAGNAFLUX BBL ACTION	OPERATOR <u>GPD</u>	9-21-06	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		9-20-06	CW
510	DRILL AND TAP SIGHT HOLES		9-20-06	TRW
520	GOFF BLAST BBL / REC		9-21-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)		9/20	HP
	(BOLT)			
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9/28/06	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9/28/06	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9/28/06	DA
	D) OIL FIRING PIN ASSEMBLY		9-29-06	BLC
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		10/9/06	nom
F004 REV 5/2006				

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.0</u> <u>6.0</u> <u>6.0</u>	9/30	Fm
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>3.0</u> <u>3.0</u> <u>3.0</u>	9/30	Fm
	H) TRIGGER PULL TEST AND RETAINABILITY		10/9/06	nmh
	I) FIRING PIN INDENT .020 MIN	<u>.026</u> <u>.026</u> <u>.026</u>	9/30	Fm
	J) ASSEMBLE STOCK		9-29-06	BLG
	K) ASSEMBLE SWIVEL STUDS		10/9/06	nmh
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		9-29-06	BLG
	M) IRON SIGHT ALIGNMENT		9-29-06	BLG
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		9-29-06	BLG
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	L.P.D.
670	FINAL INSPECTION A) HEADSPACE		10/9/06	nmh
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.43</u> <u>2.26</u> <u>2.31</u> <u>2.35</u> <u>2.22</u>	93006	IGA
	C) FUNCTION		10/9/06	nmh
690	PACK		11/9/06	RA

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 9-28-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	258	262		238	
PULL #2	258	258		228	
PULL #3	246	254		235	
PULL #4	245	261		235	
PULL #5	240	258		230	
TOTAL	1247	1293		1166	
AVERAGE	249	258		233	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	320	294		
PULL #2	298	296		
PULL #3	310	307		
PULL #4	319	314		
PULL #5	317	308		
TOTAL	1564	1519		
AVERAGE	312	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	414	406		413
PULL #2	419	402		418
PULL #3	422	413		411
PULL #4	419	412		411
PULL #5	418	406		409
TOTAL	2092	2039		2062
AVERAGE	418	407		412

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6591674.___0
FILE DATE AND TIME: 09/30/2006 01:52

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

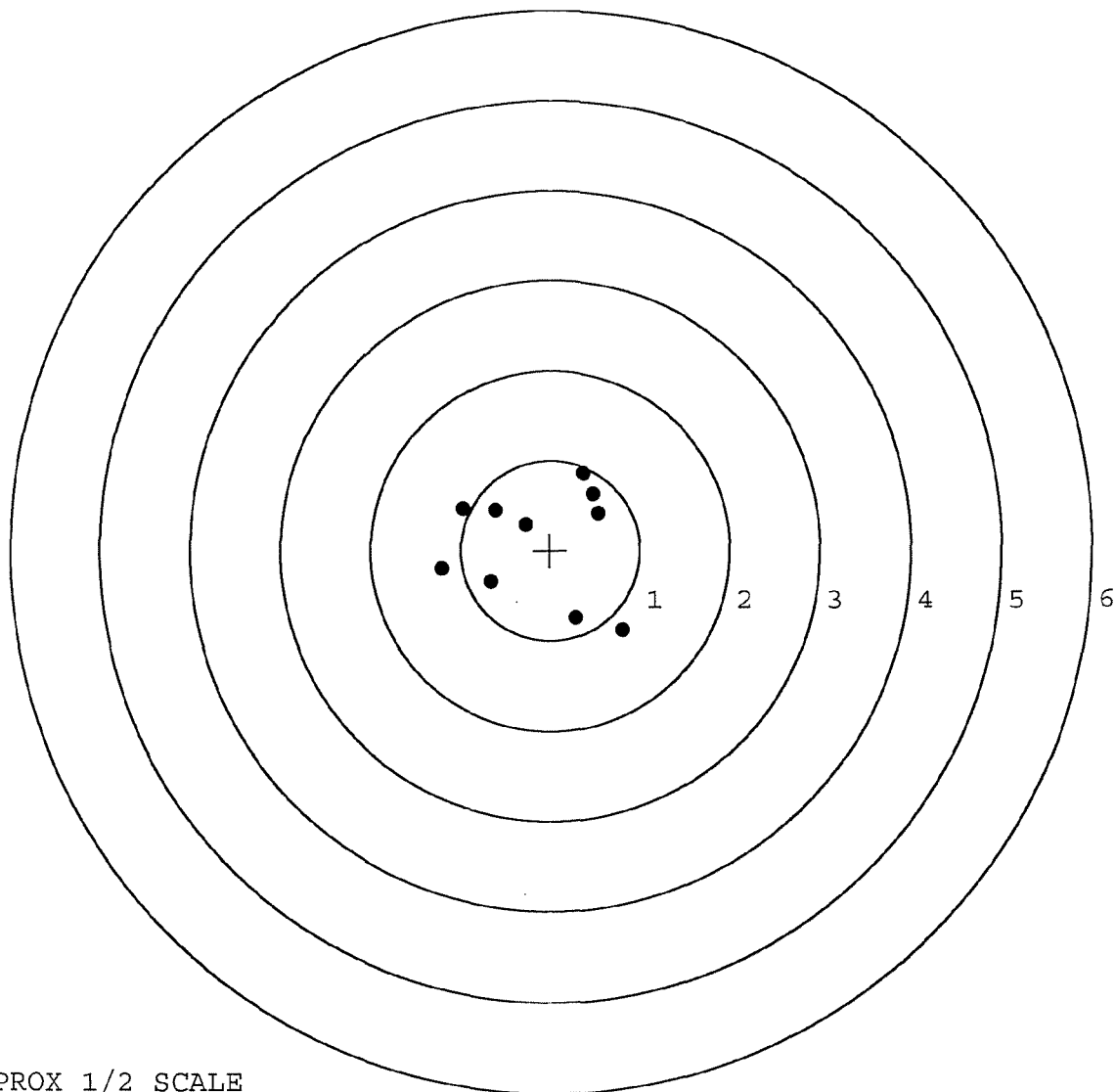
The Average X Centroid of the Five Target Set:	-0.025
The Average Y Centroid of the Five Target Set:	0.135
The Average Point of Impact of the Five Target Set:	0.138
The Average Mean Radius of the Five Target Set:	0.703
The Distance from POA to Centroid Target #1:	0.154
The Distance from Centroid Target #2 to Centroid Target #1:	0.265
The Distance from Centroid Target #3 to Centroid Target #1:	0.088
The Distance from Centroid Target #4 to Centroid Target #1:	0.094
The Distance from Centroid Target #5 to Centroid Target #1:	0.179

BARBER - M24 0169436

SERIAL NUMBER: G6591674. __0
 TARGET NUMBER: 1
 FILE DATE: 09/30/2006
 FILE TIME: 01:52

POINT#	X	Y
1:	0.810	-0.890
2:	0.283	-0.758
3:	-1.207	-0.212
4:	-0.666	-0.350
5:	-0.274	0.287
6:	-0.615	0.451
7:	-0.974	0.463
8:	0.369	0.856
9:	0.480	0.629
10:	0.537	0.419

X CENTROID: -0.126
 Y CENTROID: 0.089
 POA TO CENTROID: 0.154
 HORZ SPREAD: 2.017
 VERT SPREAD: 1.746
 GROUP SPREAD: 2.239
 MIN RADIUS: 0.247
 MAX RADIUS: 1.355
 MEAN RADIUS: 0.836
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



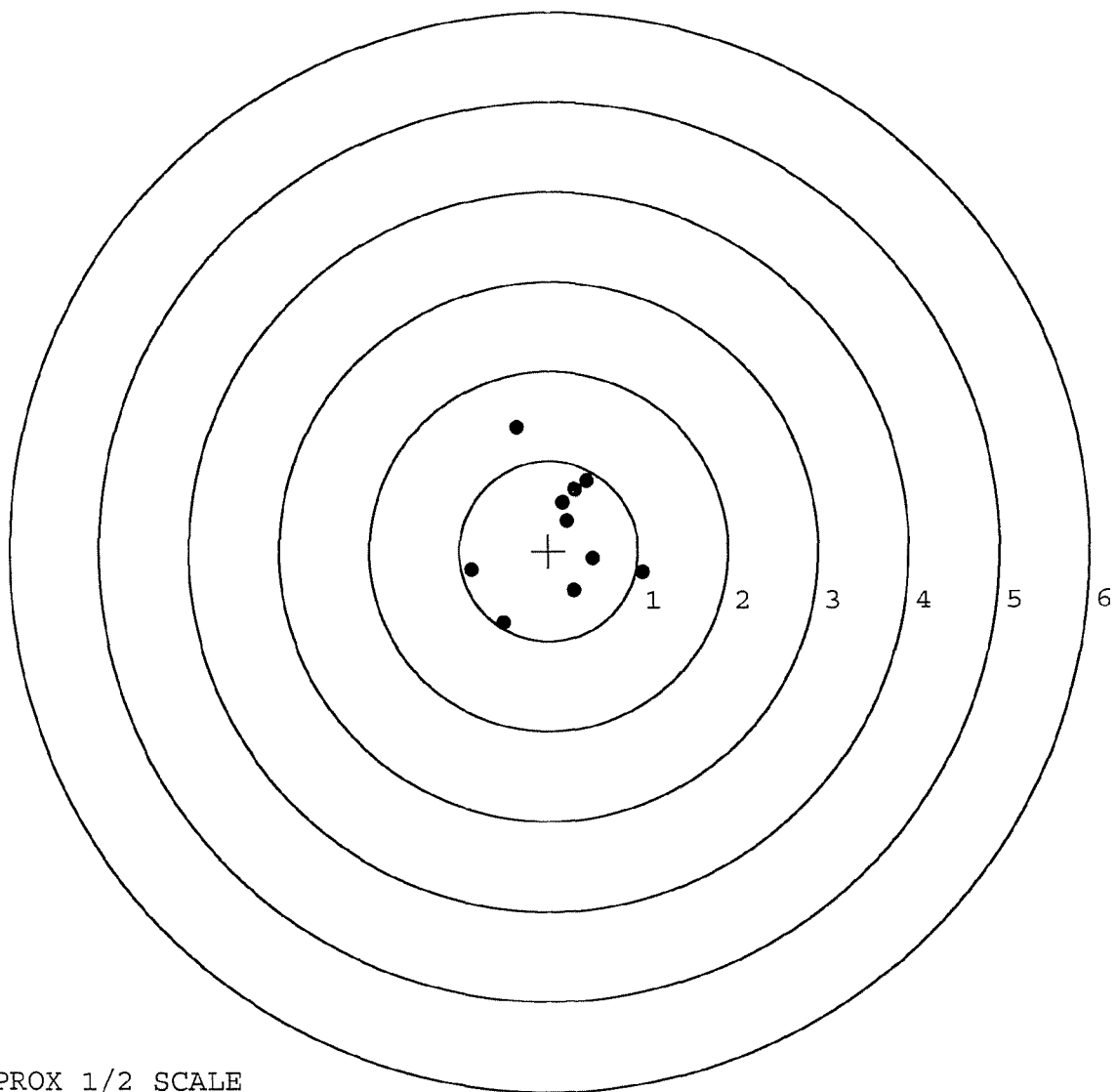
TARGET APPROX 1/2 SCALE

BARBER - M24 0169437

SERIAL NUMBER: G6591674. __0
 TARGET NUMBER: 2
 FILE DATE: 09/30/2006
 FILE TIME: 01:52

POINT#	X	Y
1:	-0.363	1.373
2:	0.425	0.781
3:	0.292	0.680
4:	0.159	0.536
5:	0.203	0.339
6:	0.494	-0.081
7:	1.047	-0.244
8:	0.286	-0.435
9:	-0.507	-0.805
10:	-0.860	-0.211

X CENTROID: 0.118
 Y CENTROID: 0.193
 POA TO CENTROID: 0.226
 HORZ SPREAD: 1.907
 VERT SPREAD: 2.178
 GROUP SPREAD: 2.183
 MIN RADIUS: 0.169
 MAX RADIUS: 1.274
 MEAN RADIUS: 0.735
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0169438

SERIAL NUMBER: G6591674. 0

TARGET NUMBER: 3

FILE DATE: 09/30/2006

FILE TIME: 01:52

POINT#	X	Y
1:	0.660	-0.703
2:	0.663	-0.359
3:	0.685	0.660
4:	-0.790	0.182
5:	-0.313	0.741
6:	0.026	0.756
7:	-0.217	0.539
8:	-0.366	0.443
9:	-0.142	0.276
10:	-0.726	-1.156

X CENTROID: -0.052

Y CENTROID: 0.138

POA TO CENTROID: 0.147

HORZ SPREAD: 1.475

VERT SPREAD: 1.912

GROUP SPREAD: 2.300

MIN RADIUS: 0.165

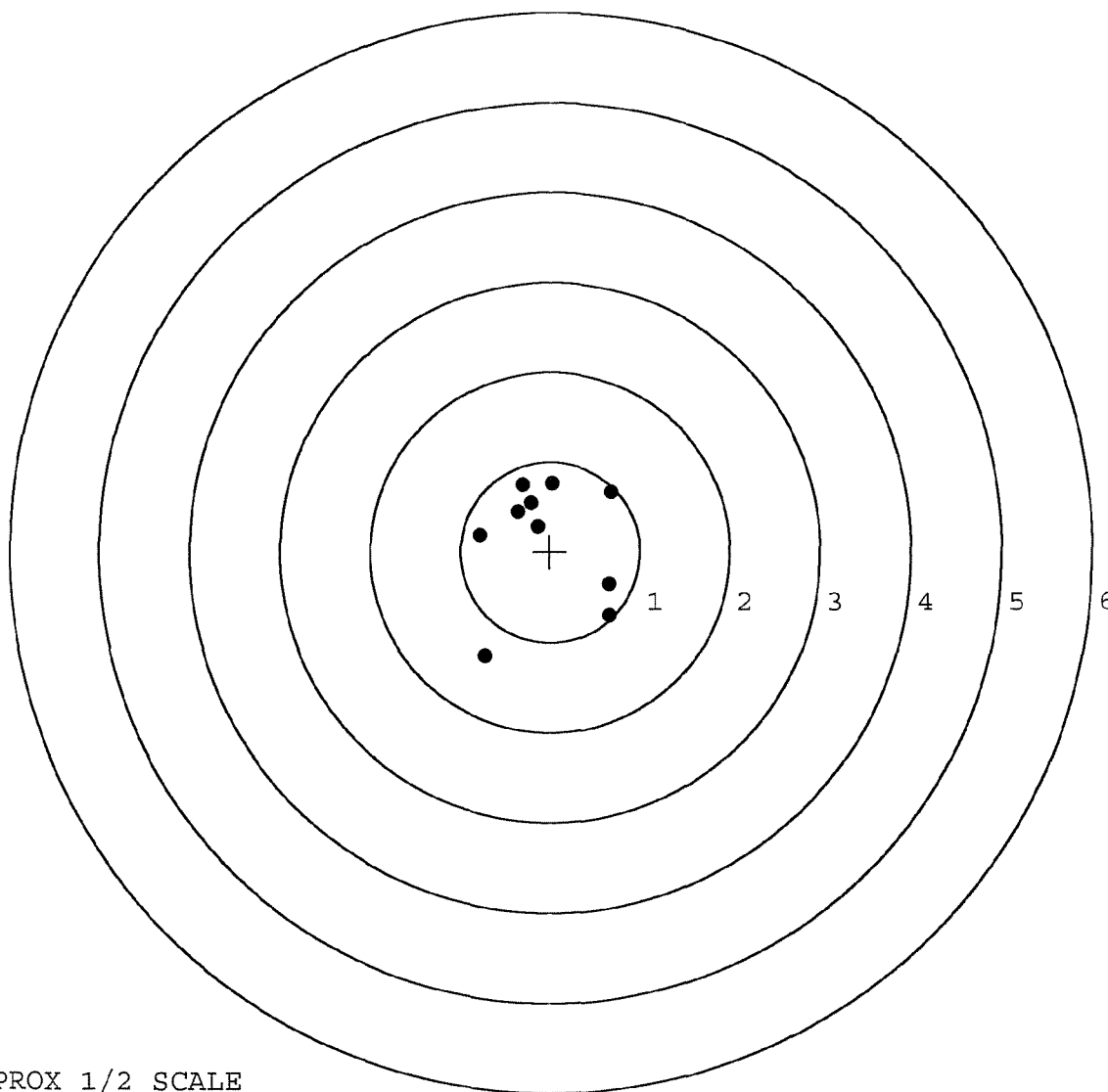
MAX RADIUS: 1.459

MEAN RADIUS: 0.739

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0169439

SERIAL NUMBER: G6591674. 0

TARGET NUMBER: 4

FILE DATE: 09/30/2006

FILE TIME: 01:52

POINT#	X	Y
1:	0.483	1.108
2:	0.483	0.545
3:	0.743	-0.655
4:	0.282	0.025
5:	0.067	0.205
6:	-0.470	-0.709
7:	-0.473	0.010
8:	-0.928	-0.010
9:	-0.731	0.408
10:	-0.626	0.904

X CENTROID: -0.117

Y CENTROID: 0.183

POA TO CENTROID: 0.217

HORZ SPREAD: 1.671

VERT SPREAD: 1.817

GROUP SPREAD: 2.075

MIN RADIUS: 0.185

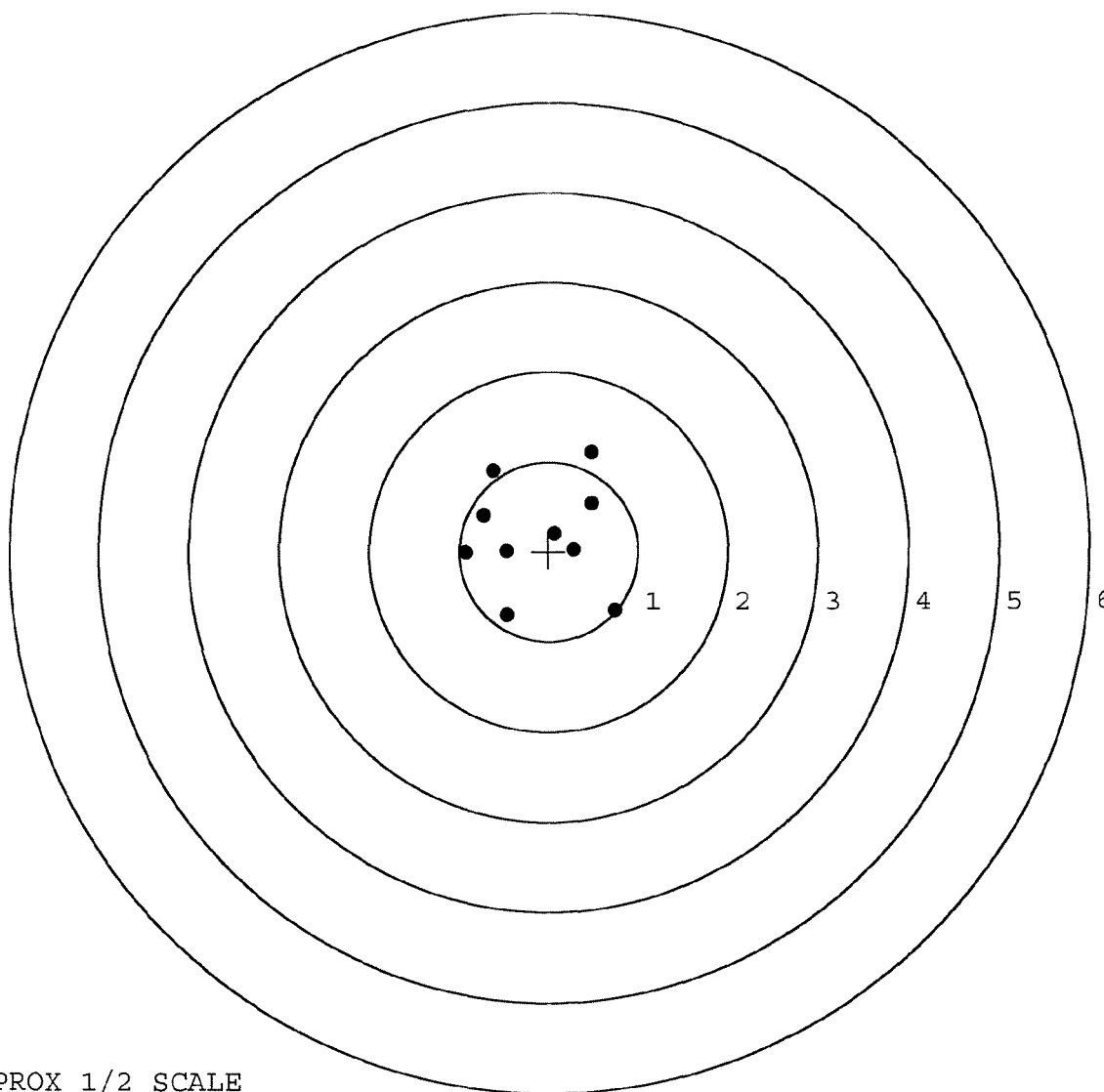
MAX RADIUS: 1.201

MEAN RADIUS: 0.734

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



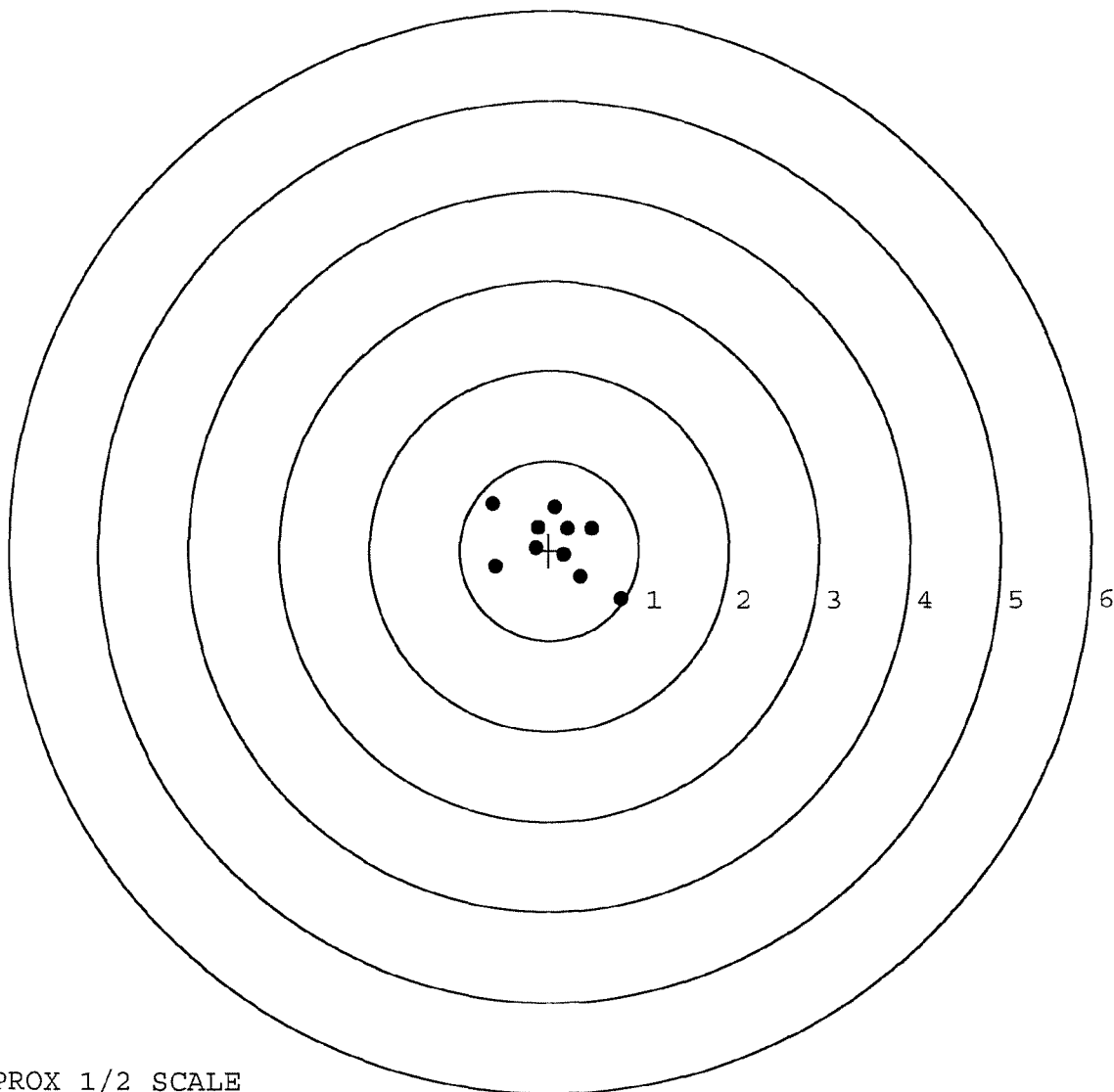
TARGET APPROX 1/2 SCALE

BARBER - M24 0169440

SERIAL NUMBER: G6591674. __0
 TARGET NUMBER: 5
 FILE DATE: 09/30/2006
 FILE TIME: 01:52

POINT#	X	Y
1:	0.801	-0.546
2:	0.348	-0.292
3:	0.472	0.253
4:	0.161	-0.048
5:	0.205	0.245
6:	0.063	0.486
7:	-0.128	0.259
8:	-0.153	0.030
9:	-0.601	-0.178
10:	-0.638	0.522

X CENTROID: 0.053
 Y CENTROID: 0.073
 POA TO CENTROID: 0.090
 HORZ SPREAD: 1.439
 VERT SPREAD: 1.068
 GROUP SPREAD: 1.792
 MIN RADIUS: 0.162
 MAX RADIUS: 0.971
 MEAN RADIUS: 0.470
 # IN 1 IN DIAMETER: 7
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE