

G 659 0074

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

- INSTRUCTION BOOK 3518

proof of purchase



owner registration sticker



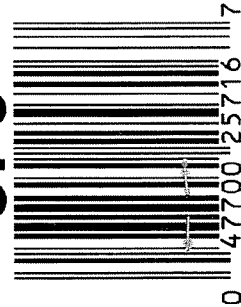
ORDER NO. **25716**

BARREL LENGTH 24"

CAPACITY 6

G6590074

UPC



DD FORM

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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 # G6590074

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		6/21/06	BLC
420	ASSEMBLE ACTION		6/22/06	BLC
430	ASSEMBLE TO STOCK		6-23-06	R.P.
440	PROOF		6-23-06	TRW
460	CHECK HEADSPACE	MAGNA - FLUX INSPECTED	6-23-06	TRW
470	DIS-ASSEMBLE ACTION	JUN 27 2006	6-26-06	BLC
480	MAGNAFLUX BBL ACTION			
490	MAGNAFLUX BOLT	OPERATOR <u>[Signature]</u>	6-27-06	RPD
500	ROLLMARK CALIBER		6-27-06	CW
510	DRILL AND TAP SIGHT HOLES		6-26-06	TRW
520	GOFF BLAST BBL / REC		6-28-06	[Signature]
530 & 540	APPLY COATINGS (BARREL ACTION)		7/1/06	HP
	(BOLT)			
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		7-18-06	RR
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		7-18-06	RR
	C) INSPECT EJECTOR HOLE FOR CHAMFER		7-18-06	RR
	D) OIL FIRING PIN ASSEMBLY		7-18-06	RR
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS		

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.5</u> <u>6.0</u> <u>6.0</u>	7-20-06	RA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>3.5</u> <u>3.5</u> <u>3.5</u>	7-20-06	RA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>1023</u> <u>1023</u> <u>1023</u>	7-20-06	RA
	J) ASSEMBLE STOCK		7-18-06	RTZ
	K) ASSEMBLE SWIVEL STUDS		8-9-06	AC
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		7-18-06	RTZ
	M) IRON SIGHT ALIGNMENT		7-18-06	RTZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		7-18-06	RTZ
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	7-19-06	mtm
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		7/19/06	mtm
670	FINAL INSPECTION A) HEADSPACE		8-9-06	AC
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.64</u> <u>2.67</u> <u>2.47</u> <u>2.45</u> <u>2.43</u>	7-20-06	RA
	C) FUNCTION		8-9-06	AC
690	PACK		10-30-06	RA

F004 REV 5/2006

AVERAGE BARBERC M24 TRIGGER 72

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 7-14-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	258	246		251	
PULL #2	245	247		252	
PULL #3	257	250		245	
PULL #4	247	244		245	
PULL #5	252	240		245	
TOTAL	1259	1227		1238	
AVERAGE	251	245		247	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	318	285		
PULL #2	312	314		
PULL #3	314	315		
PULL #4	302	308		
PULL #5	303	308		
TOTAL	1549	1530		
AVERAGE	309	306		

	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	406		421
PULL #2	401	408		418
PULL #3	420	406		402
PULL #4	414	408		407
PULL #5	410	415		408
TOTAL	2058	2043		2056
AVERAGE	411	408		411

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590074.__0
FILE DATE AND TIME: 07/19/2006 17:03

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.054
The Average Y Centroid of the Five Target Set:	0.015
The Average Point of Impact of the Five Target Set:	0.056
The Average Mean Radius of the Five Target Set:	0.774
The Distance from POA to Centroid Target #1:	0.196
The Distance from Centroid Target #2 to Centroid Target #1:	0.351
The Distance from Centroid Target #3 to Centroid Target #1:	0.270
The Distance from Centroid Target #4 to Centroid Target #1:	0.155
The Distance from Centroid Target #5 to Centroid Target #1:	0.458

SERIAL NUMBER: G6590074. __0

TARGET NUMBER: 1

FILE DATE: 07/19/2006

FILE TIME: 17:03

POINT#	X	Y
1:	-0.439	0.394
2:	-0.933	-0.217
3:	-0.512	0.042
4:	-0.212	-0.218
5:	0.425	0.548
6:	0.275	0.082
7:	0.301	-0.170
8:	0.406	-0.474
9:	0.539	-0.678
10:	0.742	-1.173

X CENTROID: 0.059

Y CENTROID: -0.186

POA TO CENTROID: 0.196

HORZ SPREAD: 1.675

VERT SPREAD: 1.721

GROUP SPREAD: 1.962

MIN RADIUS: 0.242

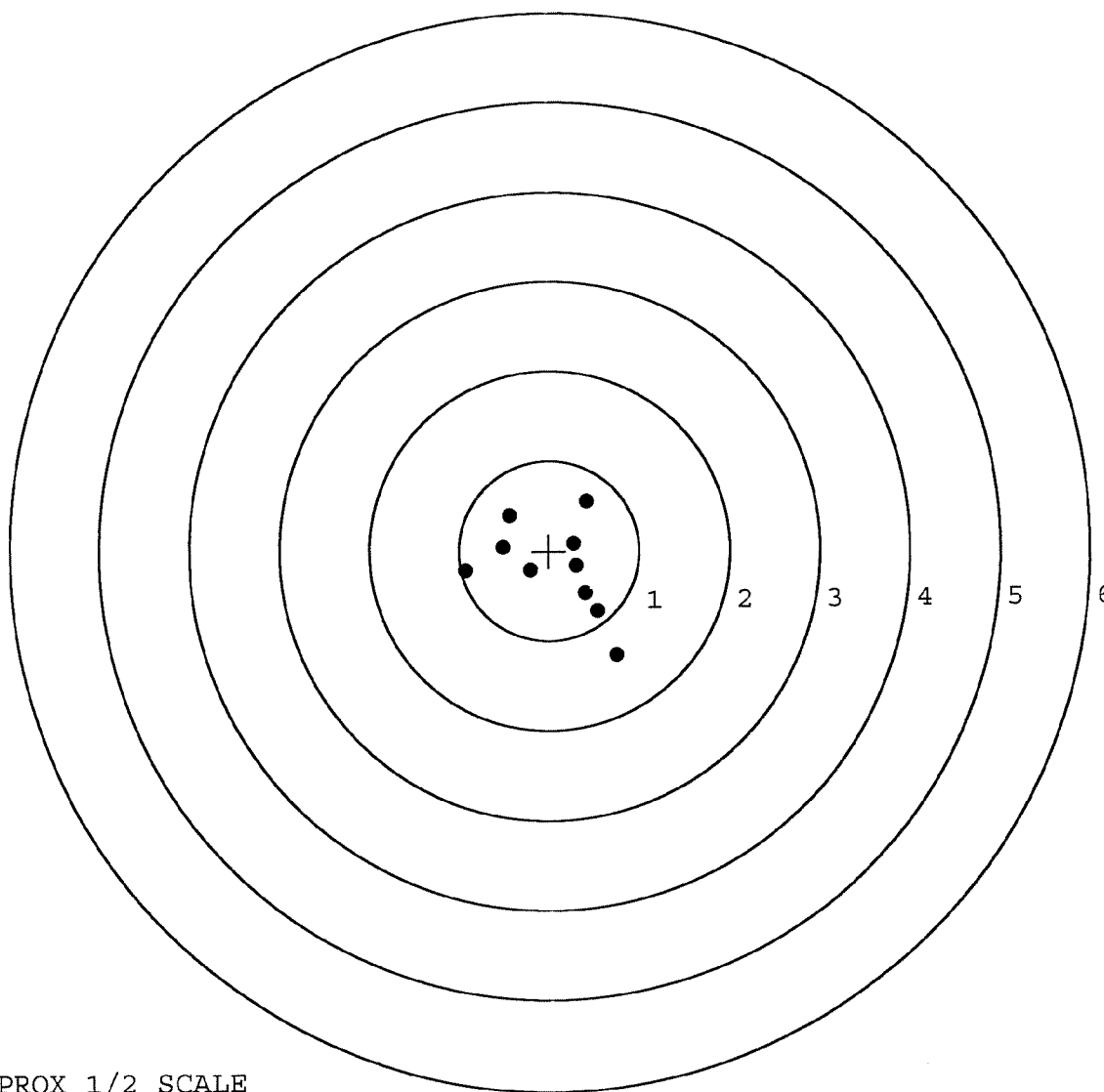
MAX RADIUS: 1.200

MEAN RADIUS: 0.639

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

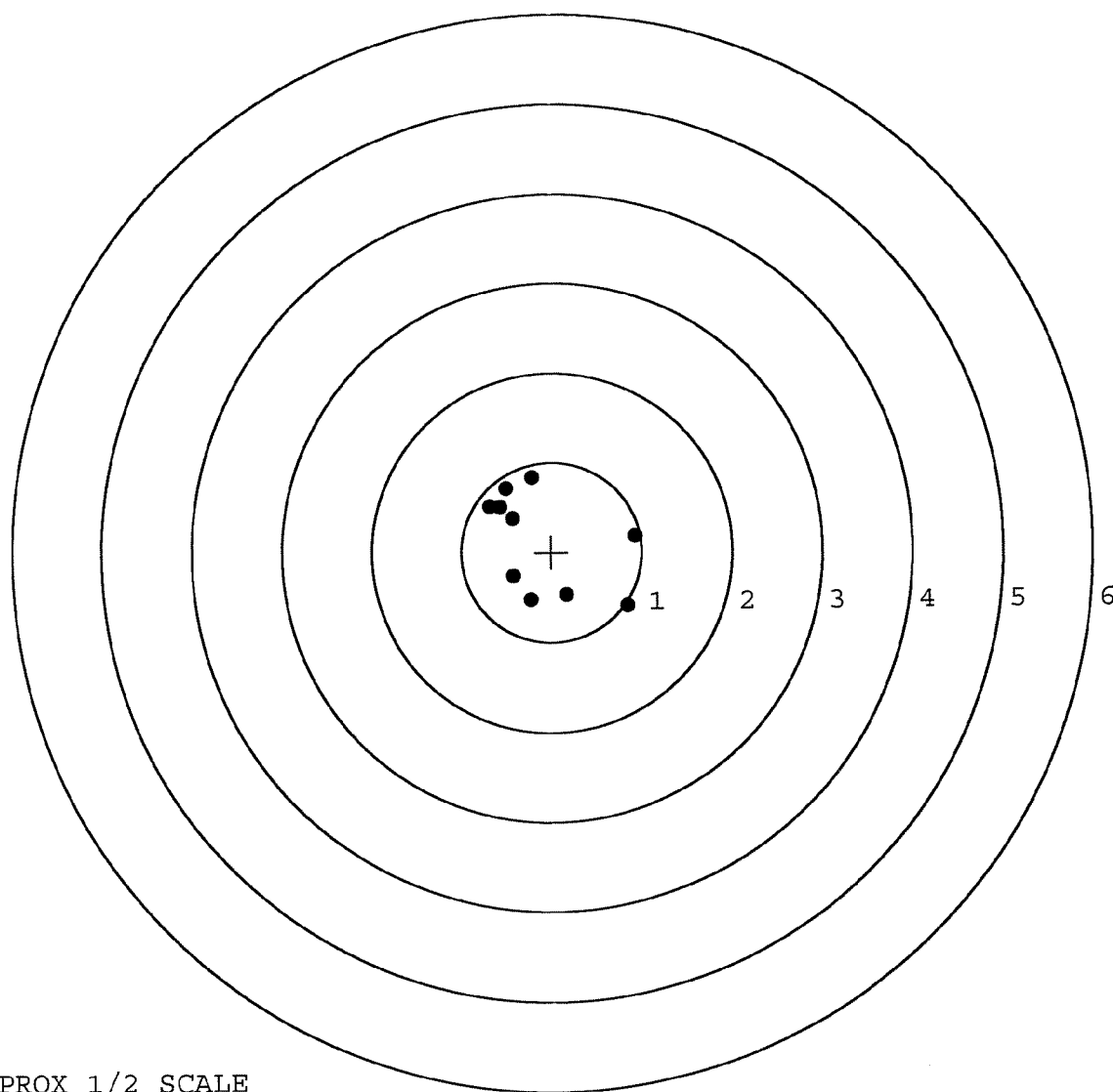


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590074. __ 0
 TARGET NUMBER: 2
 FILE DATE: 07/19/2006
 FILE TIME: 17:03

POINT#	X	Y
1:	-0.428	0.375
2:	-0.424	-0.271
3:	-0.227	-0.534
4:	0.168	-0.485
5:	0.841	-0.602
6:	0.933	0.175
7:	-0.684	0.507
8:	-0.503	0.712
9:	-0.214	0.831
10:	-0.570	0.503

X CENTROID: -0.111
 Y CENTROID: 0.121
 POA TO CENTROID: 0.164
 HORZ SPREAD: 1.617
 VERT SPREAD: 1.433
 GROUP SPREAD: 1.886
 MIN RADIUS: 0.406
 MAX RADIUS: 1.195
 MEAN RADIUS: 0.720
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590074. __0

TARGET NUMBER: 3

FILE DATE: 07/19/2006

FILE TIME: 17:03

POINT#	X	Y
1:	-1.159	0.280
2:	-0.360	0.929
3:	-0.135	0.460
4:	0.940	0.809
5:	0.783	-0.175
6:	-0.753	-0.824
7:	-0.180	-0.658
8:	-0.183	-0.430
9:	-0.258	-0.106
10:	0.100	-0.138

X CENTROID: -0.120

Y CENTROID: 0.015

POA TO CENTROID: 0.121

HORZ SPREAD: 2.099

VERT SPREAD: 1.753

GROUP SPREAD: 2.352

MIN RADIUS: 0.183

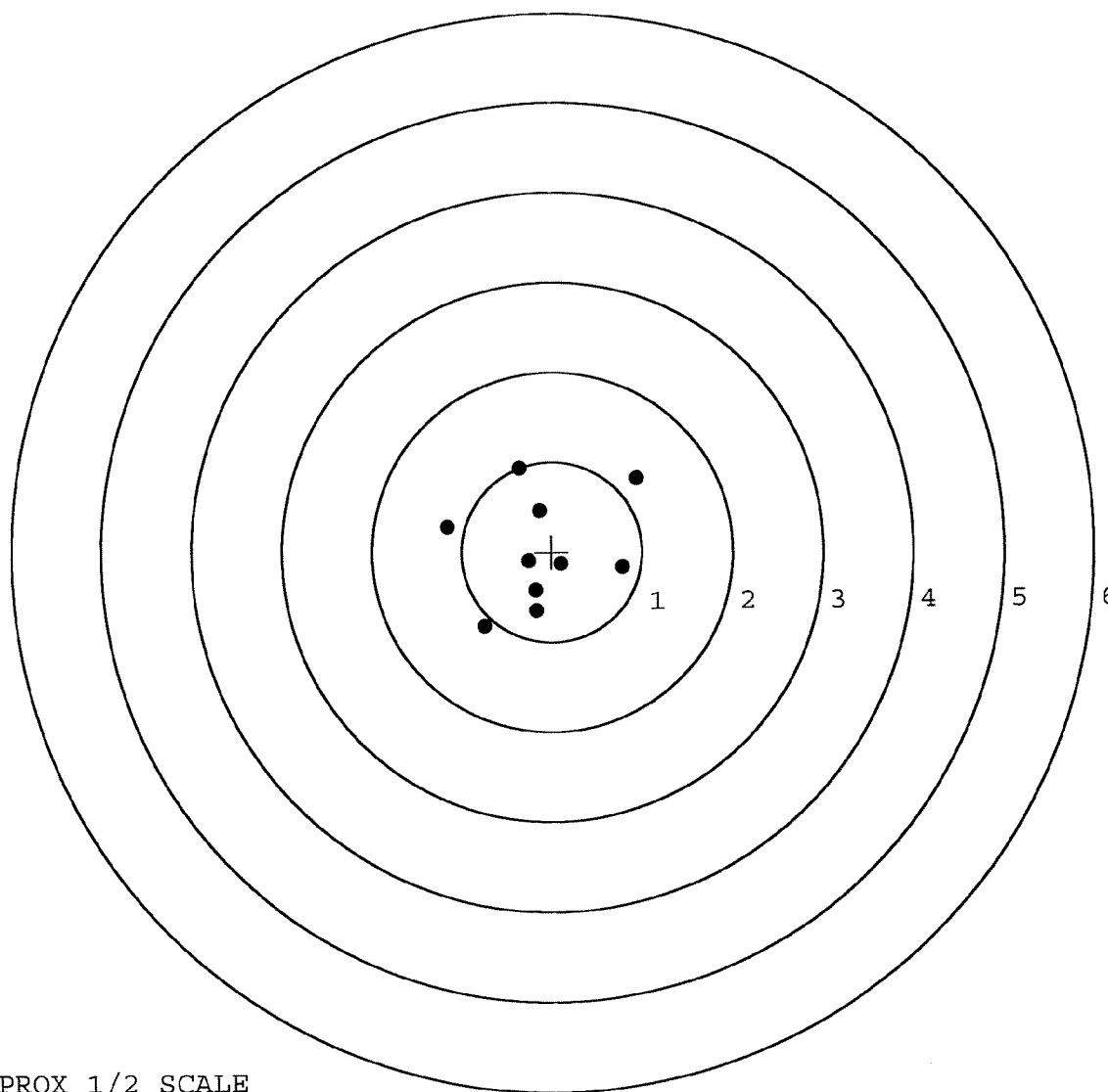
MAX RADIUS: 1.325

MEAN RADIUS: 0.734

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590074. __0

TARGET NUMBER: 4

FILE DATE: 07/19/2006

FILE TIME: 17:03

POINT#	X	Y
1:	-0.123	0.429
2:	0.190	0.546
3:	0.403	0.017
4:	0.676	-0.168
5:	-0.036	-0.053
6:	-0.339	-0.157
7:	-0.155	-0.389
8:	-0.429	-0.710
9:	-0.402	-0.387
10:	-0.678	-0.540

X CENTROID: -0.089

Y CENTROID: -0.141

POA TO CENTROID: 0.167

HORZ SPREAD: 1.354

VERT SPREAD: 1.256

GROUP SPREAD: 1.404

MIN RADIUS: 0.103

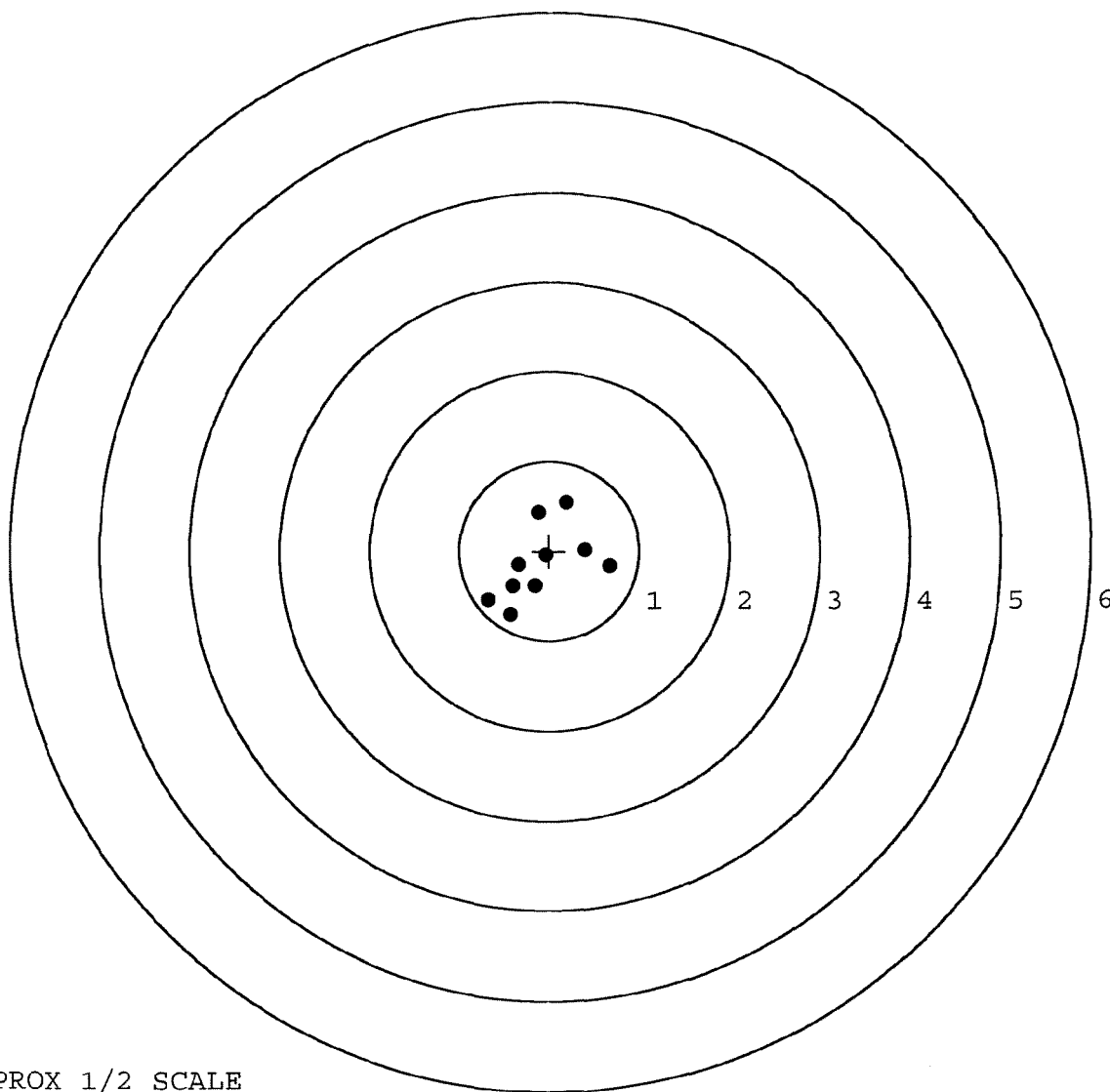
MAX RADIUS: 0.766

MEAN RADIUS: 0.498

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0164178

SERIAL NUMBER: G6590074. __0

TARGET NUMBER: 5

FILE DATE: 07/19/2006

FILE TIME: 17:03

POINT#	X	Y
1:	-0.036	0.237
2:	-0.303	0.281
3:	-0.592	-0.246
4:	0.523	0.212
5:	0.441	-0.176
6:	-2.400	-0.022
7:	-1.810	1.945
8:	-0.670	-0.286
9:	2.124	0.304
10:	2.649	0.422

X CENTROID: -0.007

Y CENTROID: 0.267

POA TO CENTROID: 0.267

HORZ SPREAD: 5.049

VERT SPREAD: 2.231

GROUP SPREAD: 5.068

MIN RADIUS: 0.042

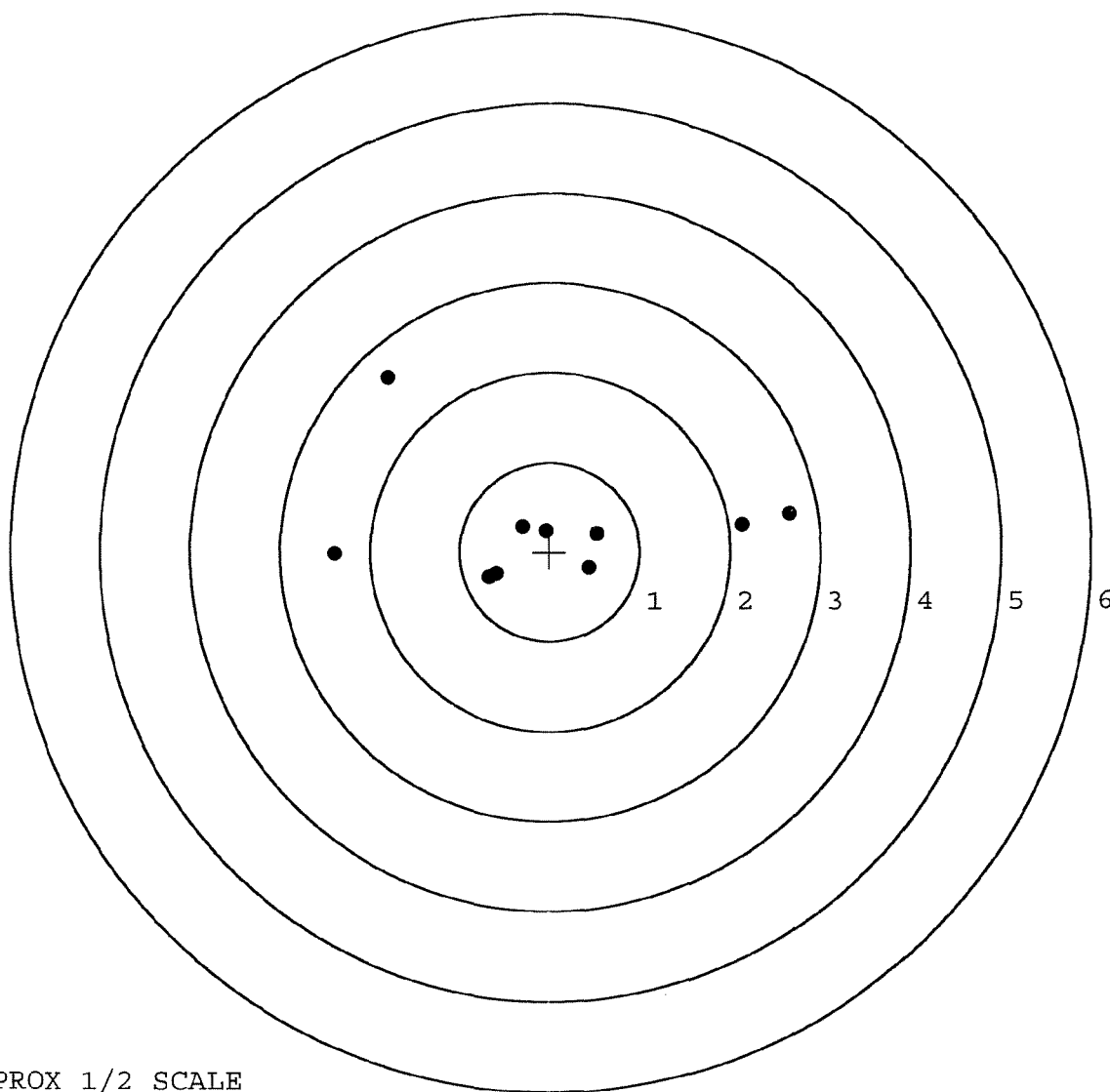
MAX RADIUS: 2.661

MEAN RADIUS: 1.281

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 6



TARGET APPROX 1/2 SCALE