

G 6577214

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



DD FORM

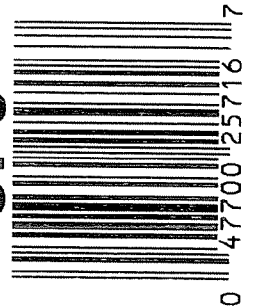
ORDER NO. **25716**

BARREL LENGTH 24"

CAPACITY 6

G6577214

UPC



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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 # G6577214

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		6/23/06	BLC
420	ASSEMBLE ACTION		6/28/06	BLC
430	ASSEMBLE TO STOCK		6/28/06	BLC
440	PROOF	MAGNA-FLUX INSPECTED	6-29-06	TRW
460	CHECK HEADSPACE	JUL 06 2006	6-29-06	TRW
470	DIS-ASSEMBLE ACTION		7-5-06	BLC
480	MAGNAFLUX BBL ACTION	OPERATOR <i>unint</i>	7/6/06	<i>unint</i>
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		7-7-06	CW
510	DRILL AND TAP SIGHT HOLES		7-6-06	TRW
520	GOFF BLAST BBL / REC		7-7-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)		7/11	HP
	(BOLT)			
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		7-13-06	RTZ
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		7-13-06	RTZ
	C) INSPECT EJECTOR HOLE FOR CHAMFER		7-13-06	RTZ
	D) OIL FIRING PIN ASSEMBLY		7-13-06	RTZ
	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>82</u> <u>8.2</u> <u>75</u>	8-21-06	DA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>4.5</u> <u>5.2</u> <u>5.2</u>	8-21-06	DA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.0235</u> <u>.0245</u> <u>.025</u>	8-21-06	DA
	J) ASSEMBLE STOCK		7-13-06	RTZ
	K) ASSEMBLE SWIVEL STUDS		8-3-06	RTZ
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		7-13-06	BLC
	M) IRON SIGHT ALIGNMENT		7-13-06	BLC
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		7-13-06	BLC
640 & 650	FUNCTION TEST AND TARGET	PASS FAIL PASS FAIL	7-25-06	MTM
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		7-25-06	TRW
670	FINAL INSPECTION A) HEADSPACE		8-3-06	RTZ
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.21</u> <u>2.72</u> <u>2.66</u> <u>2.73</u> <u>2.76</u>	8/22/06	RP
	C) FUNCTION		8-31-06	RTZ
690	PACK		11/15/06	DA

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 7-12-06

TESTER MTM

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS	COMMENTS
PULL #1	2.72	2.50	2.36	
PULL #2	2.70	2.52	2.71	
PULL #3	2.45	2.65	2.42	
PULL #4	2.70	2.26	2.64	
PULL #5	2.59	2.18	2.73	
TOTAL	13.15	12.11	13.05	
AVERAGE	2.63	2.42	2.61	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES	COMMENTS
PULL #1	2.90	3.04	
PULL #2	2.93	3.04	
PULL #3	2.99	3.14	
PULL #4	3.28	2.85	
PULL #5	2.90	3.27	
TOTAL	15.00	15.34	
AVERAGE	3.00	3.06	

	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	4.13	3.87		4.06
PULL #2	4.18	3.80		4.00
PULL #3	3.92	4.16		3.89
PULL #4	4.10	4.23		3.94
PULL #5	3.86	4.10		3.90
TOTAL	20.13	20.15		19.81
AVERAGE	4.03	4.03		3.96

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6577214.___0
FILE DATE AND TIME: 07/25/2006 04:54

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.120
The Average Y Centroid of the Five Target Set:	0.001
The Average Point of Impact of the Five Target Set:	0.120
The Average Mean Radius of the Five Target Set:	0.789
The Distance from POA to Centroid Target #1:	0.162
The Distance from Centroid Target #2 to Centroid Target #1:	0.273
The Distance from Centroid Target #3 to Centroid Target #1:	0.570
The Distance from Centroid Target #4 to Centroid Target #1:	0.184
The Distance from Centroid Target #5 to Centroid Target #1:	0.247

BARBER - M24 0086873

SERIAL NUMBER: G6577214. __0

TARGET NUMBER: 1

FILE DATE: 07/25/2006

FILE TIME: 04:54

POINT#	X	Y
1:	-0.512	-0.003
2:	-0.319	0.500
3:	0.425	0.246
4:	0.094	-0.315
5:	-0.259	-1.038
6:	-0.294	-1.561
7:	0.974	-0.458
8:	1.012	-0.160
9:	-1.521	0.985
10:	0.079	0.213

X CENTROID: -0.032

Y CENTROID: -0.159

POA TO CENTROID: 0.162

HORZ SPREAD: 2.533

VERT SPREAD: 2.546

GROUP SPREAD: 2.882

MIN RADIUS: 0.201

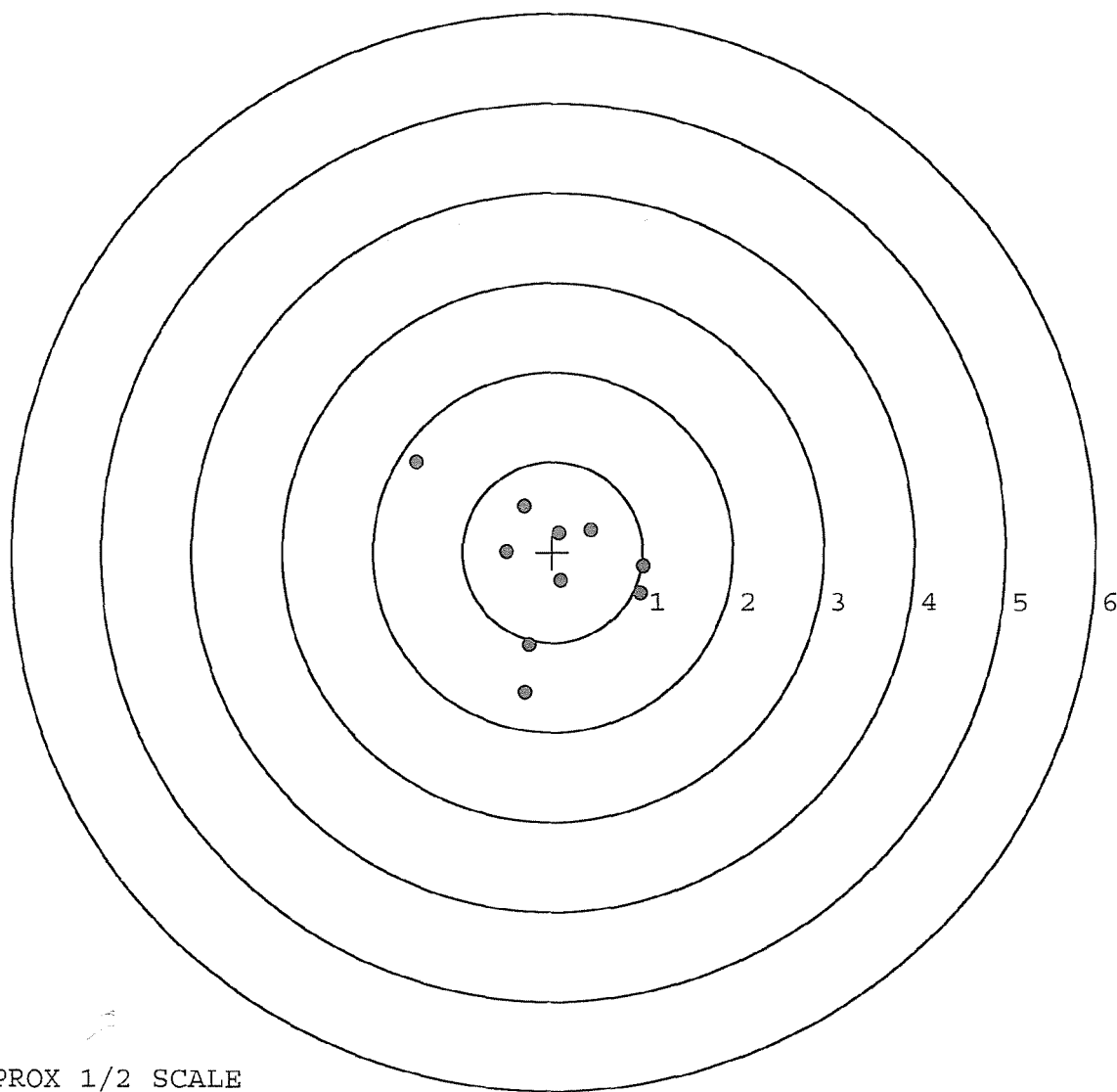
MAX RADIUS: 1.878

MEAN RADIUS: 0.873

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0086874

SERIAL NUMBER: G6577214. 0

TARGET NUMBER: 2

FILE DATE: 07/25/2006

FILE TIME: 04:54

POINT#	X	Y
1:	-0.535	0.218
2:	-0.426	0.440
3:	-0.652	-0.371
4:	0.064	-0.411
5:	0.485	-0.536
6:	0.227	0.369
7:	1.119	0.363
8:	0.451	1.243
9:	-1.696	0.663
10:	-0.813	-1.257

X CENTROID: -0.178

Y CENTROID: 0.072

POA TO CENTROID: 0.192

HORZ SPREAD: 2.815

VERT SPREAD: 2.500

GROUP SPREAD: 2.831

MIN RADIUS: 0.386

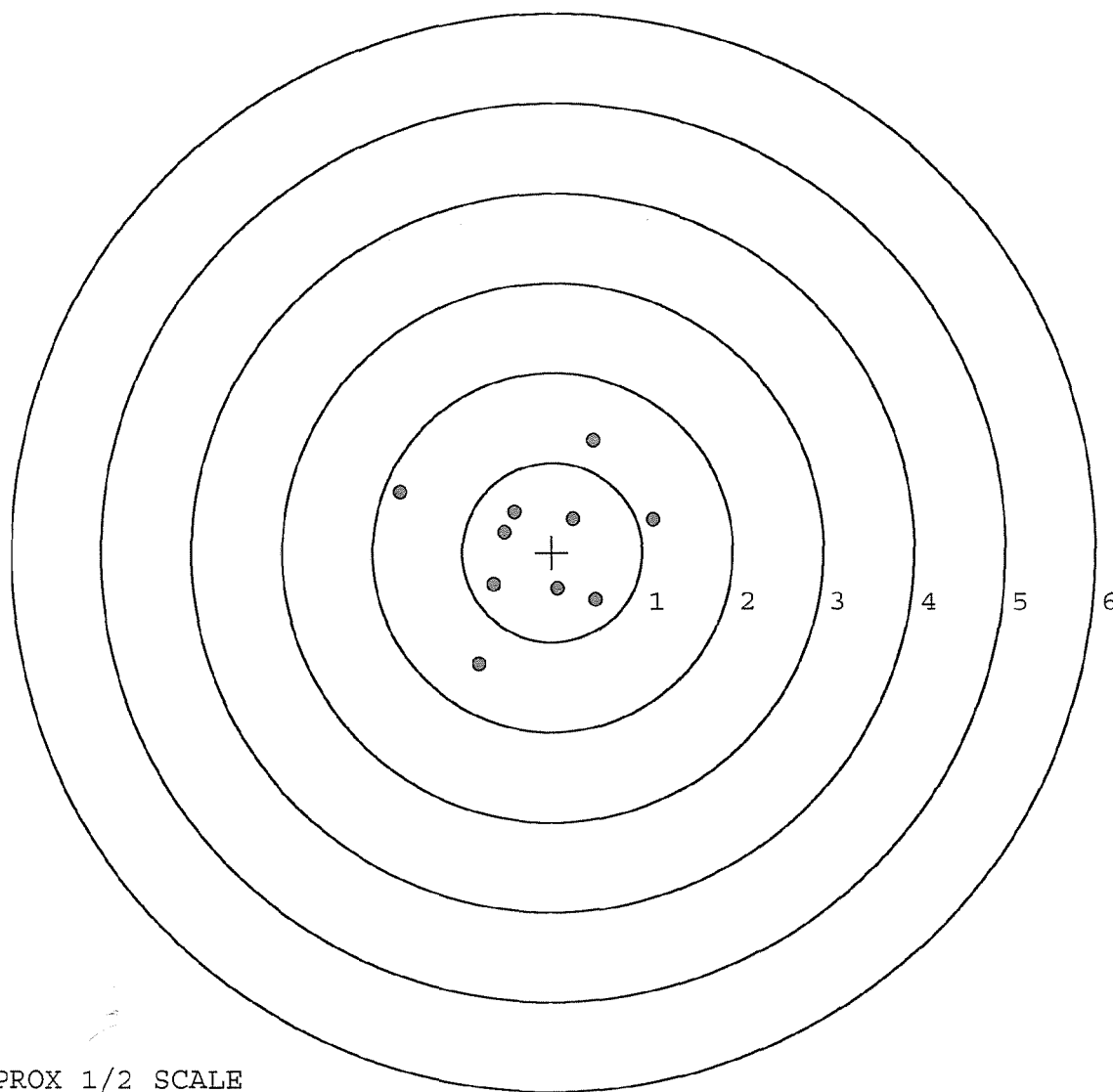
MAX RADIUS: 1.629

MEAN RADIUS: 0.918

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



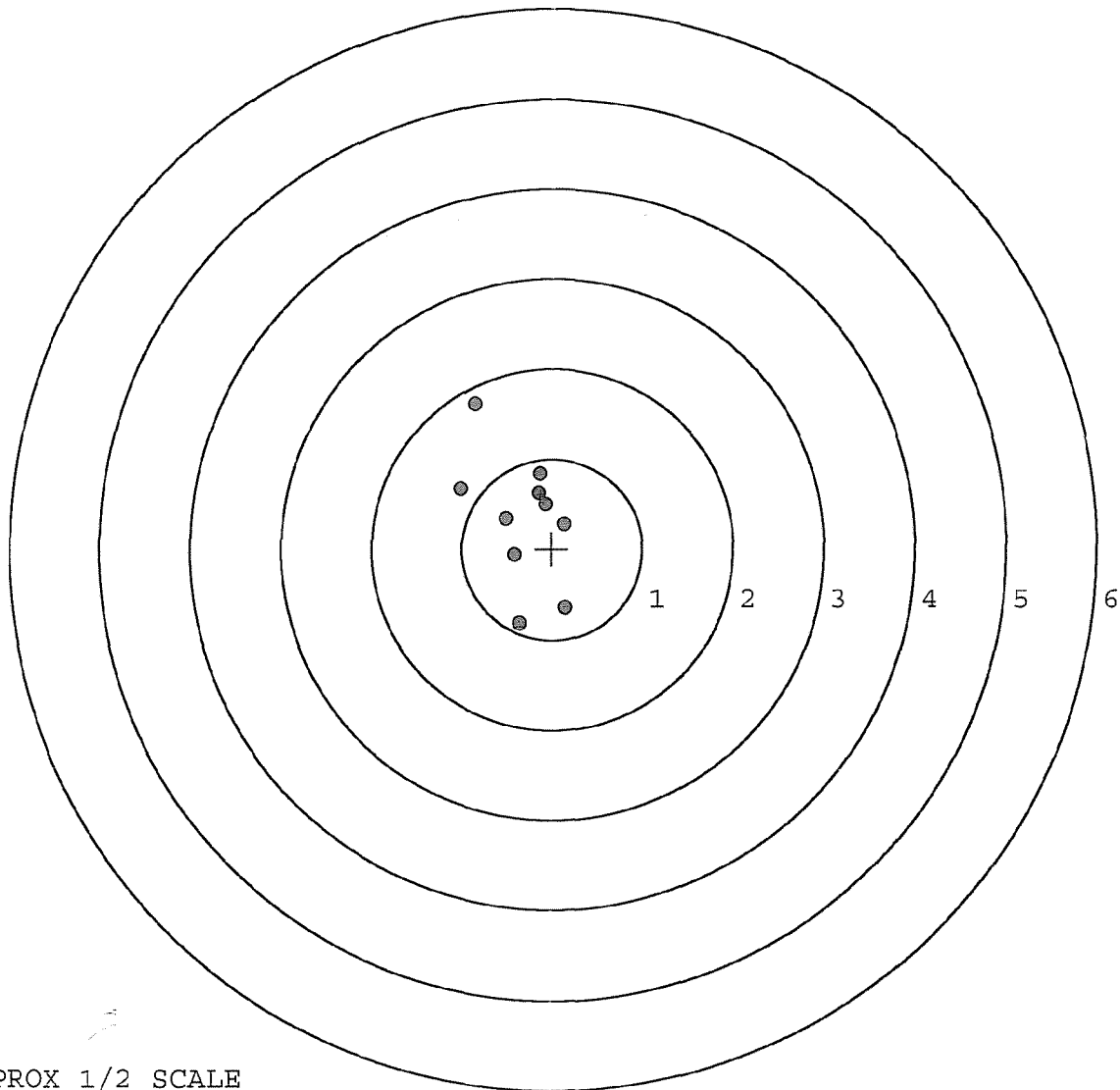
TARGET APPROX 1/2 SCALE

BARBER - M24 0086875

SERIAL NUMBER: G6577214. __0
 TARGET NUMBER: 3
 FILE DATE: 07/25/2006
 FILE TIME: 04:54

POINT#	X	Y
1:	-1.019	0.662
2:	-0.862	1.612
3:	-0.137	0.834
4:	-0.153	0.624
5:	0.140	0.276
6:	-0.515	0.340
7:	-0.418	-0.069
8:	-0.362	-0.824
9:	0.149	-0.648
10:	-0.077	0.495

X CENTROID: -0.325
 Y CENTROID: 0.330
 POA TO CENTROID: 0.464
 HORZ SPREAD: 1.168
 VERT SPREAD: 2.436
 GROUP SPREAD: 2.487
 MIN RADIUS: 0.190
 MAX RADIUS: 1.390
 MEAN RADIUS: 0.665
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

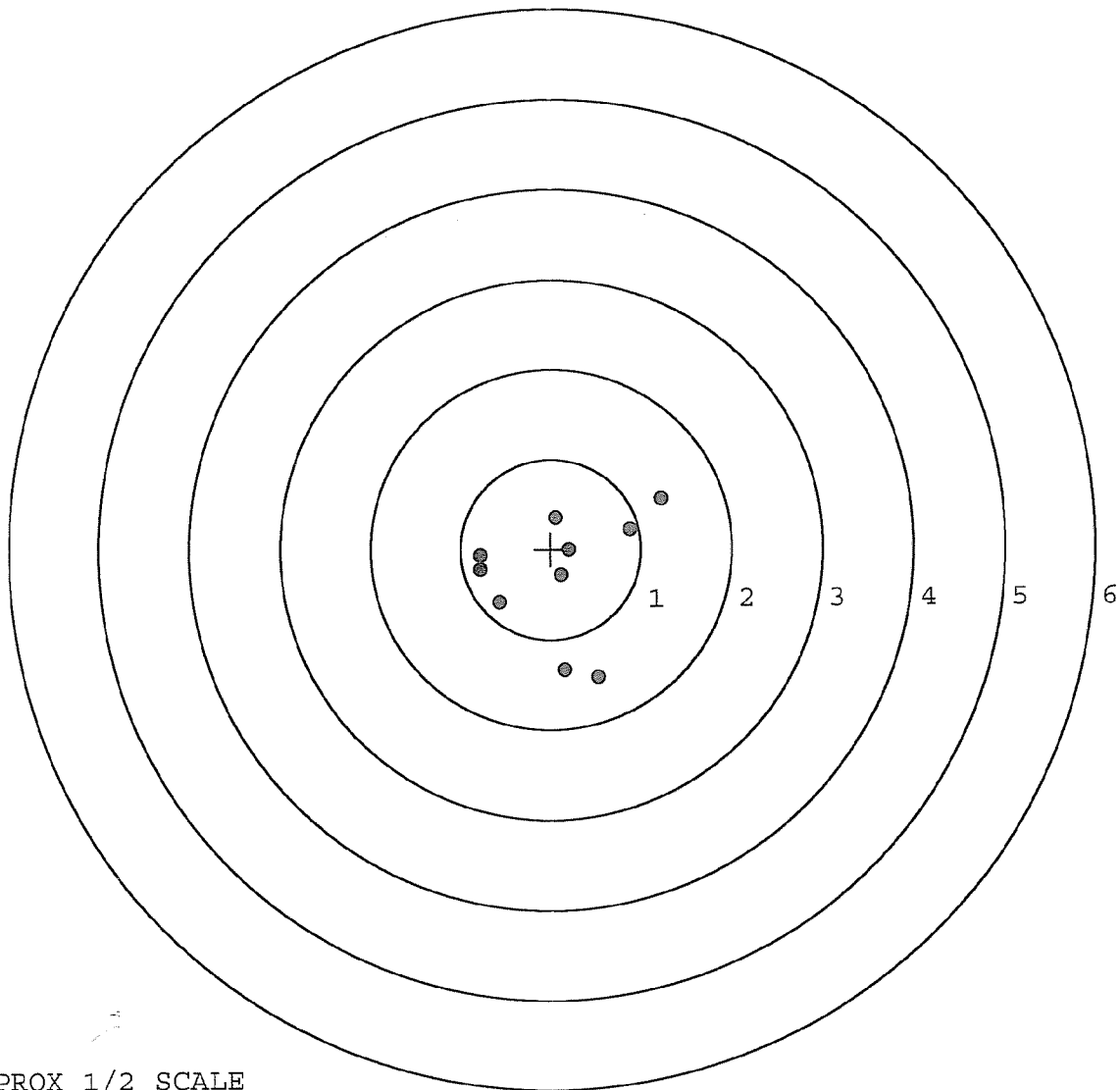


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577214. __0
 TARGET NUMBER: 4
 FILE DATE: 07/25/2006
 FILE TIME: 04:54

POINT#	X	Y
1:	0.056	0.351
2:	0.204	-0.012
3:	0.118	-0.289
4:	0.878	0.216
5:	1.221	0.554
6:	-0.568	-0.589
7:	-0.782	-0.232
8:	-0.783	-0.079
9:	0.155	-1.345
10:	0.521	-1.423

X CENTROID: 0.102
 Y CENTROID: -0.285
 POA TO CENTROID: 0.303
 HORZ SPREAD: 2.004
 VERT SPREAD: 1.977
 GROUP SPREAD: 2.178
 MIN RADIUS: 0.017
 MAX RADIUS: 1.398
 MEAN RADIUS: 0.807
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0086877

SERIAL NUMBER: G6577214. 0

TARGET NUMBER: 5

FILE DATE: 07/25/2006

FILE TIME: 04:54

POINT#	X	Y
1:	-0.587	0.445
2:	-0.597	-0.031
3:	-0.559	-0.195
4:	-0.398	-0.445
5:	-1.069	-0.558
6:	0.305	-0.488
7:	1.008	-0.048
8:	0.064	0.344
9:	-0.020	0.607
10:	0.183	0.842

X CENTROID: -0.167

Y CENTROID: 0.047

POA TO CENTROID: 0.174

HORZ SPREAD: 2.077

VERT SPREAD: 1.400

GROUP SPREAD: 2.139

MIN RADIUS: 0.376

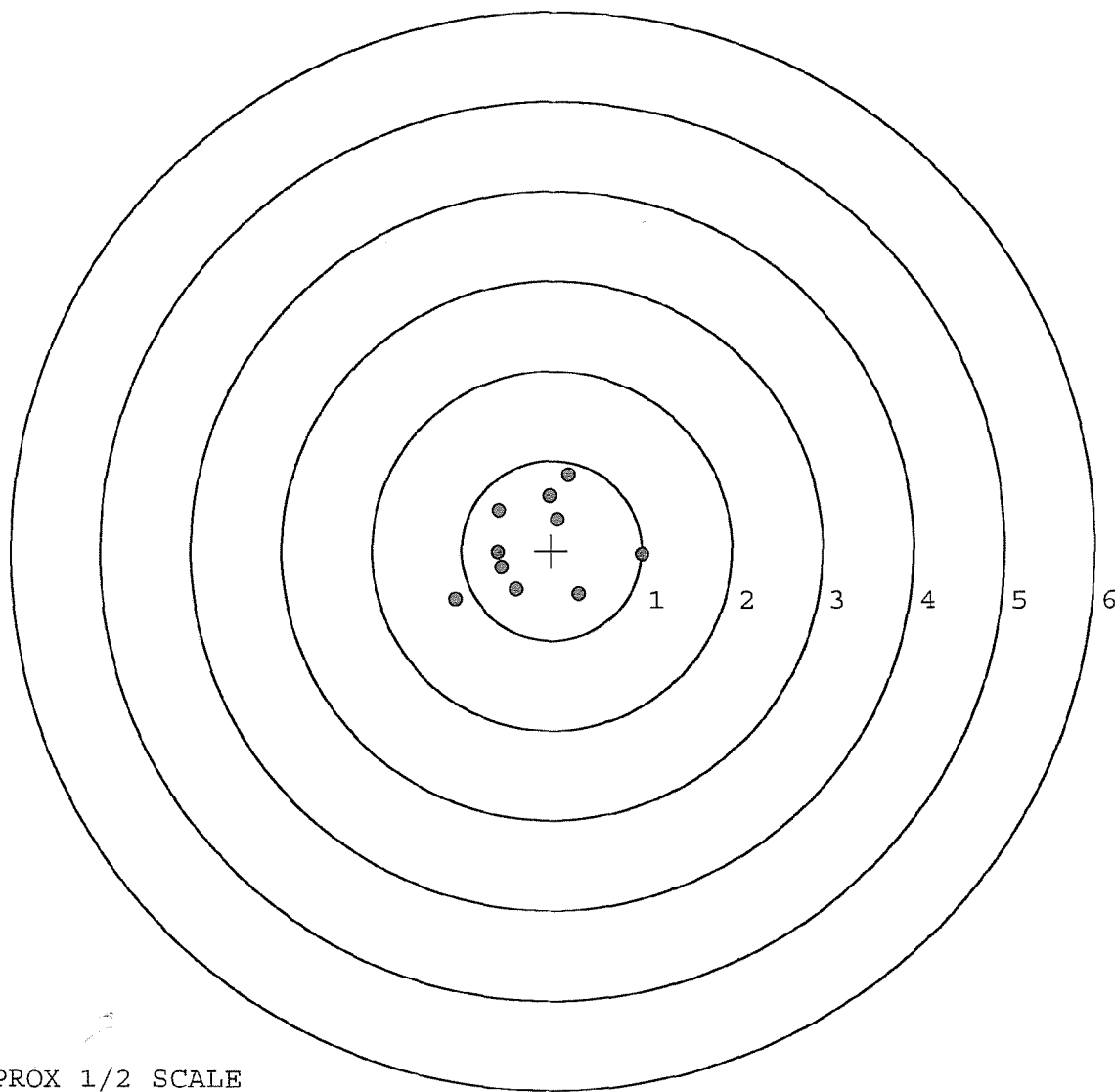
MAX RADIUS: 1.179

MEAN RADIUS: 0.682

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE