

G6577235

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

- INSTRUCTION BOOK 3518

DD FORM

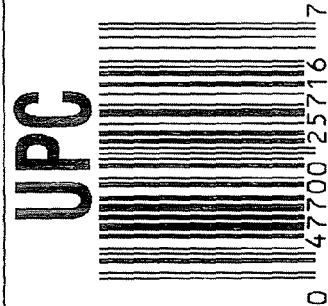
proof of purchase

owner registration sticker



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6577235



ORDER 25716

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

UPC



ORDER 25716

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

UPC



SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6577235

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		6-29-06	RP
440	PROOF	MAGNA-FLUX INSPECTED	6-29-06	TRW
460	CHECK HEADSPACE	JUL 5 8 2006	6-29-06	TRW
470	DIS-ASSEMBLE ACTION		7-5-06	BLC
480	MAGNAFLUX BBL ACTION		7/6/06	mmg
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	MM
	(BOLT)			
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		7-12-06	RTZ
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		7-12-06	RTZ
	C) INSPECT EJECTOR HOLE FOR CHAMFER		7-12-06	RTZ
	D) OIL FIRING PIN ASSEMBLY		7-12-06	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		8-21-06	mmg

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>7.2</u> <u>7.2</u>	8-21-06	RA
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>4.5</u> <u>4.2</u> <u>4.5</u>	8-21-06	RA
	H) TRIGGER PULL TEST AND RETAINABILITY		8-21-06	MTM
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.025</u> <u>.024</u>	8-21-06	RA
	J) ASSEMBLE STOCK		7-12-06	RJZ
	K) ASSEMBLE SWIVEL STUDS		8-21-06	MTM
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		7-12-06	BLC
	M) IRON SIGHT ALIGNMENT		7-12-06	BLC
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		7-12-06	BLC
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	7-31-06	L.P.D.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		7/31/06	MTM
670	FINAL INSPECTION A) HEADSPACE		8-21-06	MTM
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>231</u> <u>237</u> <u>283</u> <u>279</u> <u>214</u>	8-21-06	MTM
	C) FUNCTION		8-21-06	MTM
690	PACK		11/14/06	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 7-11-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	251	249		258	
PULL #2	250	256		262	
PULL #3	250	239		256	
PULL #4	251	247		257	
PULL #5	252	245		253	
TOTAL	1254	1236		1286	
AVERAGE	250	247		257	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	321	324		
PULL #2	302	314		
PULL #3	298	270		
PULL #4	309	321		
PULL #5	307	314		
TOTAL	1537	1543		
AVERAGE	307	308		

	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	407	414		417
PULL #2	408	405		417
PULL #3	397	406		394
PULL #4	411	407		413
PULL #5	409	407		407
TOTAL	2032	2039		2048
AVERAGE	406	407		409

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6577235.___0
FILE DATE AND TIME: 07/31/2006 08:03

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

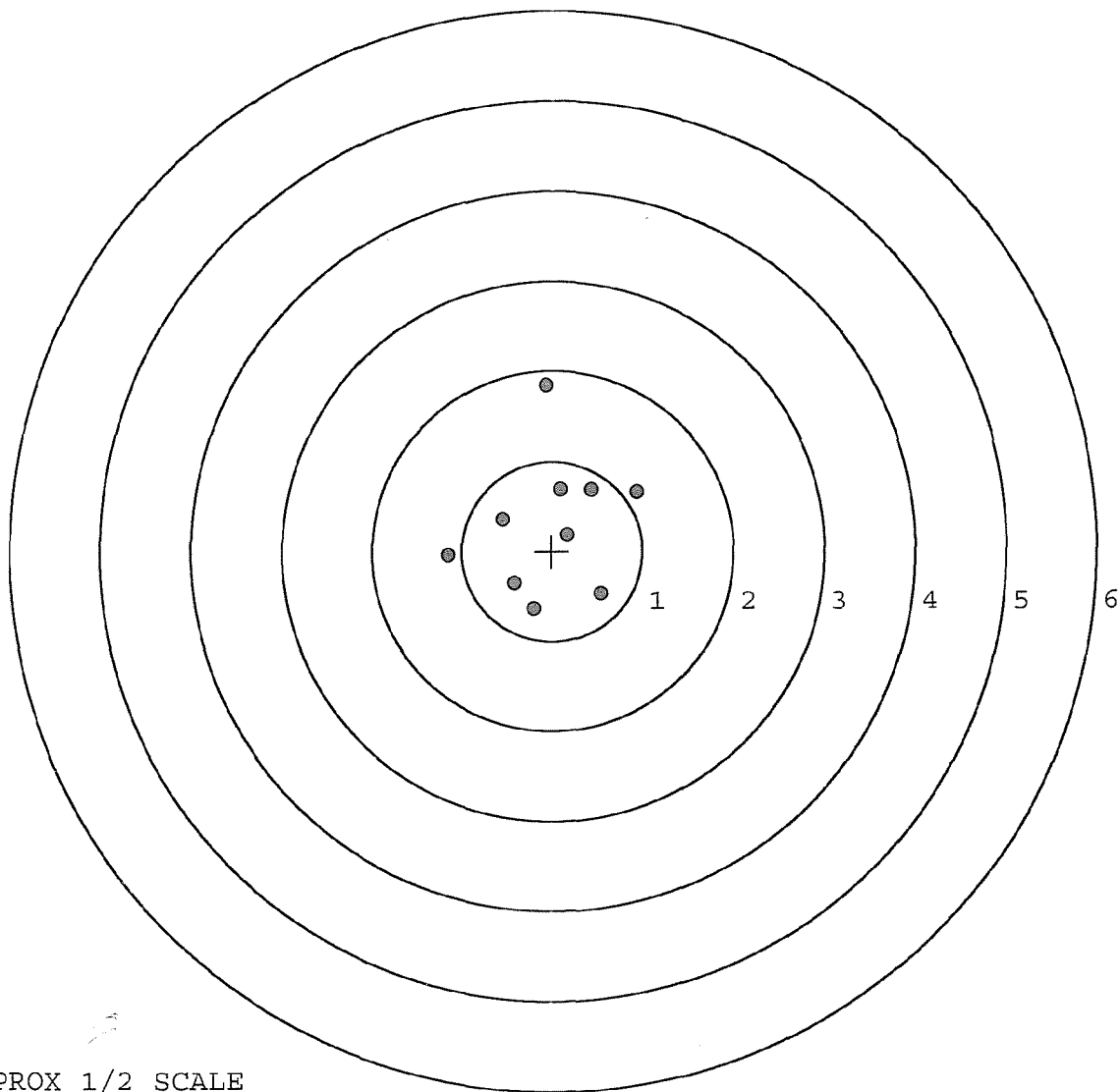
The Average X Centroid of the Five Target Set:	-0.055
The Average Y Centroid of the Five Target Set:	0.013
The Average Point of Impact of the Five Target Set:	0.056
The Average Mean Radius of the Five Target Set:	0.721
The Distance from POA to Centroid Target #1:	0.291
The Distance from Centroid Target #2 to Centroid Target #1:	0.153
The Distance from Centroid Target #3 to Centroid Target #1:	0.178
The Distance from Centroid Target #4 to Centroid Target #1:	0.645
The Distance from Centroid Target #5 to Centroid Target #1:	0.479

BARBER - M24 0087234

SERIAL NUMBER: G6577235. __0
TARGET NUMBER: 1
FILE DATE: 07/31/2006
FILE TIME: 08:03

POINT#	X	Y
1:	-0.070	1.836
2:	0.096	0.692
3:	-0.549	0.360
4:	-1.152	-0.051
5:	-0.415	-0.355
6:	-0.205	-0.642
7:	0.545	-0.467
8:	0.934	0.663
9:	0.435	0.687
10:	0.170	0.182

X CENTROID: -0.021
Y CENTROID: 0.290
POA TO CENTROID: 0.291
HORZ SPREAD: 2.086
VERT SPREAD: 2.478
GROUP SPREAD: 2.482
MIN RADIUS: 0.220
MAX RADIUS: 1.546
MEAN RADIUS: 0.818
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577235.0

TARGET NUMBER: 2

FILE DATE: 07/31/2006

FILE TIME: 08:03

X CENTROID: -0.141

Y CENTROID: 0.196

POA TO CENTROID: 0.241

HORZ SPREAD: 1.891

VERT SPREAD: 1.764

GROUP SPREAD: 2.054

MIN RADIUS: 0.399

MAX RADIUS: 1.177

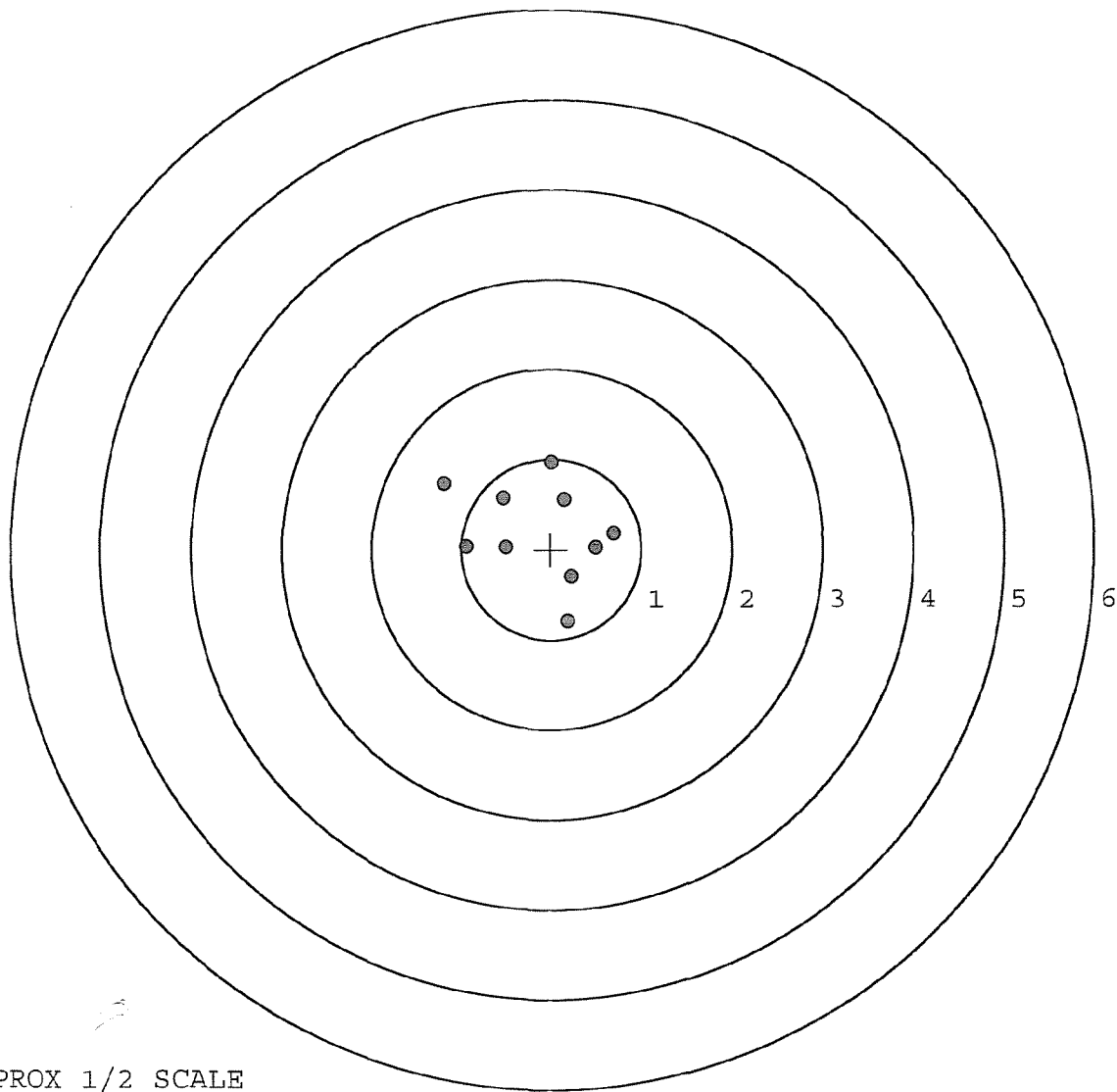
MEAN RADIUS: 0.735

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.195	0.720
2:	0.002	0.966
3:	0.145	0.552
4:	0.696	0.177
5:	0.499	0.026
6:	0.232	-0.302
7:	-0.501	0.023
8:	-0.946	0.030
9:	0.189	-0.798
10:	-0.535	0.562



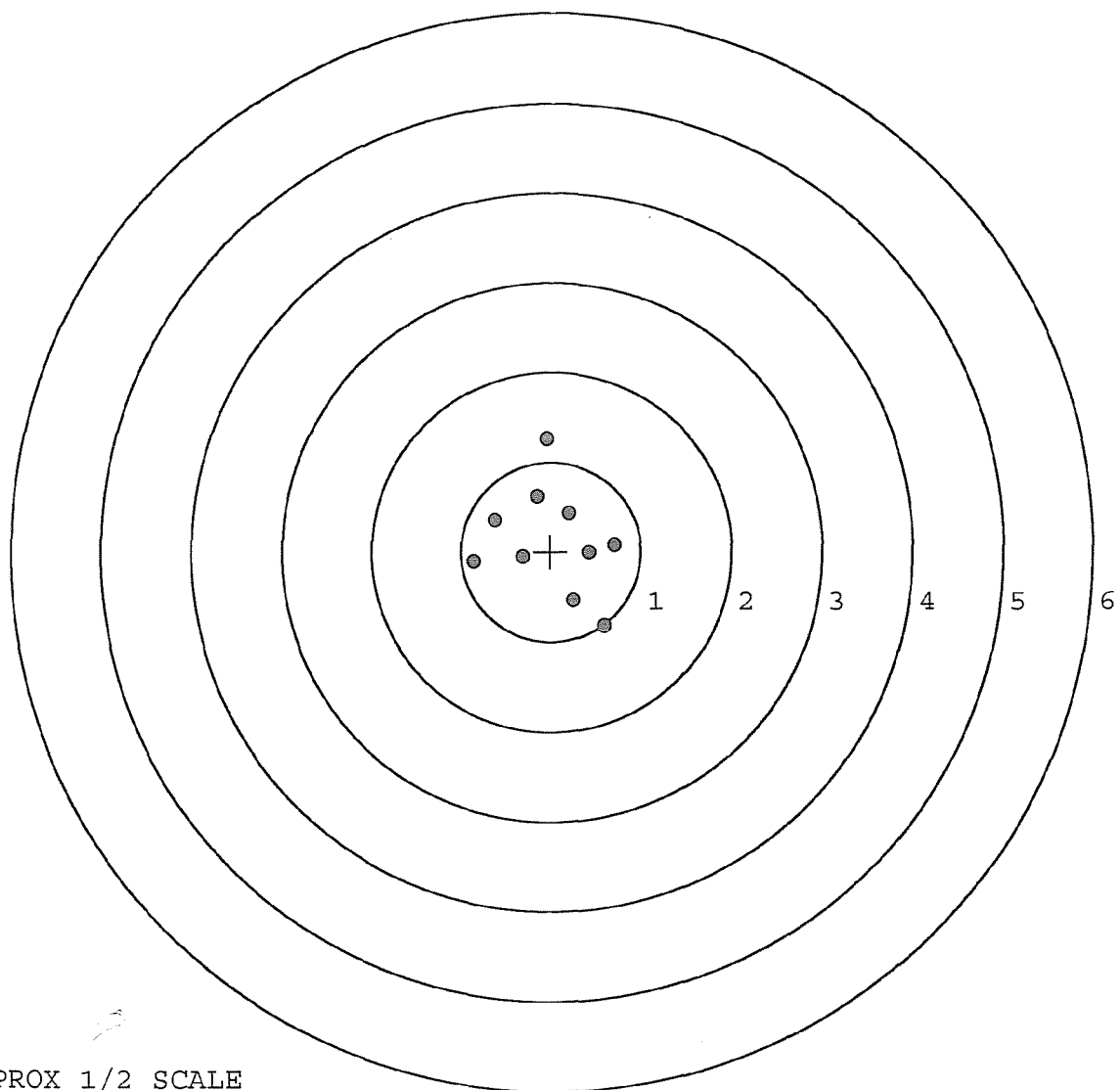
TARGET APPROX 1/2 SCALE

BARBER - M24 0087236

SERIAL NUMBER: G6577235. __0
 TARGET NUMBER: 3
 FILE DATE: 07/31/2006
 FILE TIME: 08:03

POINT#	X	Y
1:	0.594	-0.832
2:	0.258	-0.551
3:	-0.857	-0.115
4:	0.713	0.080
5:	0.429	-0.010
6:	0.201	0.432
7:	-0.156	0.619
8:	-0.047	1.260
9:	-0.632	0.348
10:	-0.308	-0.060

X CENTROID: 0.020
 Y CENTROID: 0.117
 POA TO CENTROID: 0.119
 HORZ SPREAD: 1.570
 VERT SPREAD: 2.092
 GROUP SPREAD: 2.188
 MIN RADIUS: 0.363
 MAX RADIUS: 1.145
 MEAN RADIUS: 0.695
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0087237

SERIAL NUMBER: G6577235. __0

TARGET NUMBER: 4

FILE DATE: 07/31/2006

FILE TIME: 08:03

POINT#	X	Y
1:	-0.573	-1.202
2:	0.732	-0.517
3:	0.660	-0.332
4:	0.083	-0.620
5:	0.354	-0.337
6:	-0.279	-0.443
7:	-0.459	-0.485
8:	-0.641	0.116
9:	-0.849	0.442
10:	0.170	-0.137

X CENTROID: -0.080

Y CENTROID: -0.351

POA TO CENTROID: 0.361

HORZ SPREAD: 1.581

VERT SPREAD: 1.644

GROUP SPREAD: 1.849

MIN RADIUS: 0.219

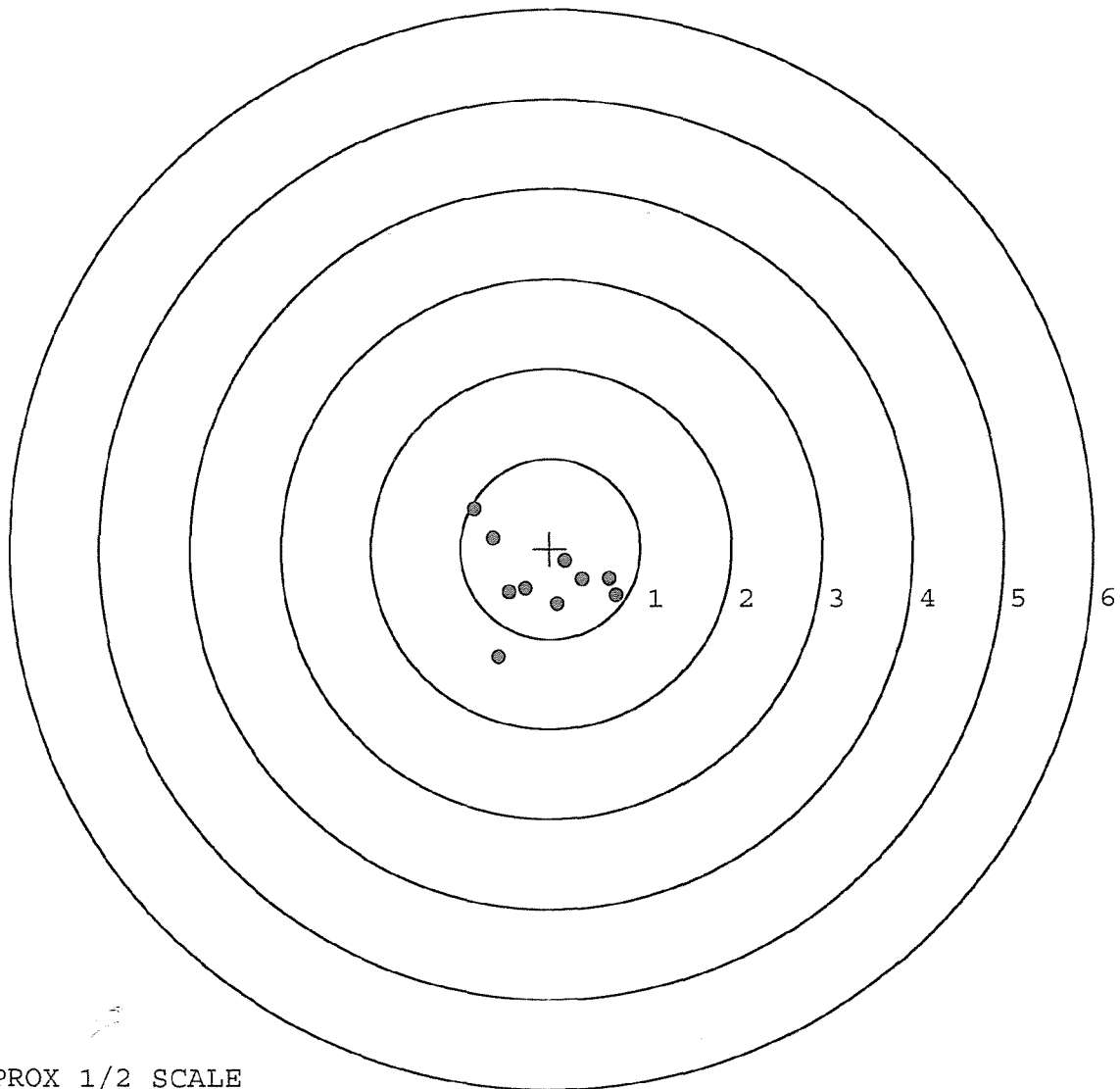
MAX RADIUS: 1.105

MEAN RADIUS: 0.609

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0087238

SERIAL NUMBER: G6577235. __0

TARGET NUMBER: 5

FILE DATE: 07/31/2006

FILE TIME: 08:03

POINT#	X	Y
1:	-0.625	1.107
2:	-0.124	0.980
3:	0.329	0.292
4:	0.546	-0.353
5:	-0.048	-0.308
6:	-0.588	-0.074
7:	-0.345	-0.716
8:	-0.123	-0.855
9:	0.085	-0.923
10:	0.396	-1.028

X CENTROID: -0.050

Y CENTROID: -0.188

POA TO CENTROID: 0.194

HORZ SPREAD: 1.171

VERT SPREAD: 2.135

GROUP SPREAD: 2.367

MIN RADIUS: 0.120

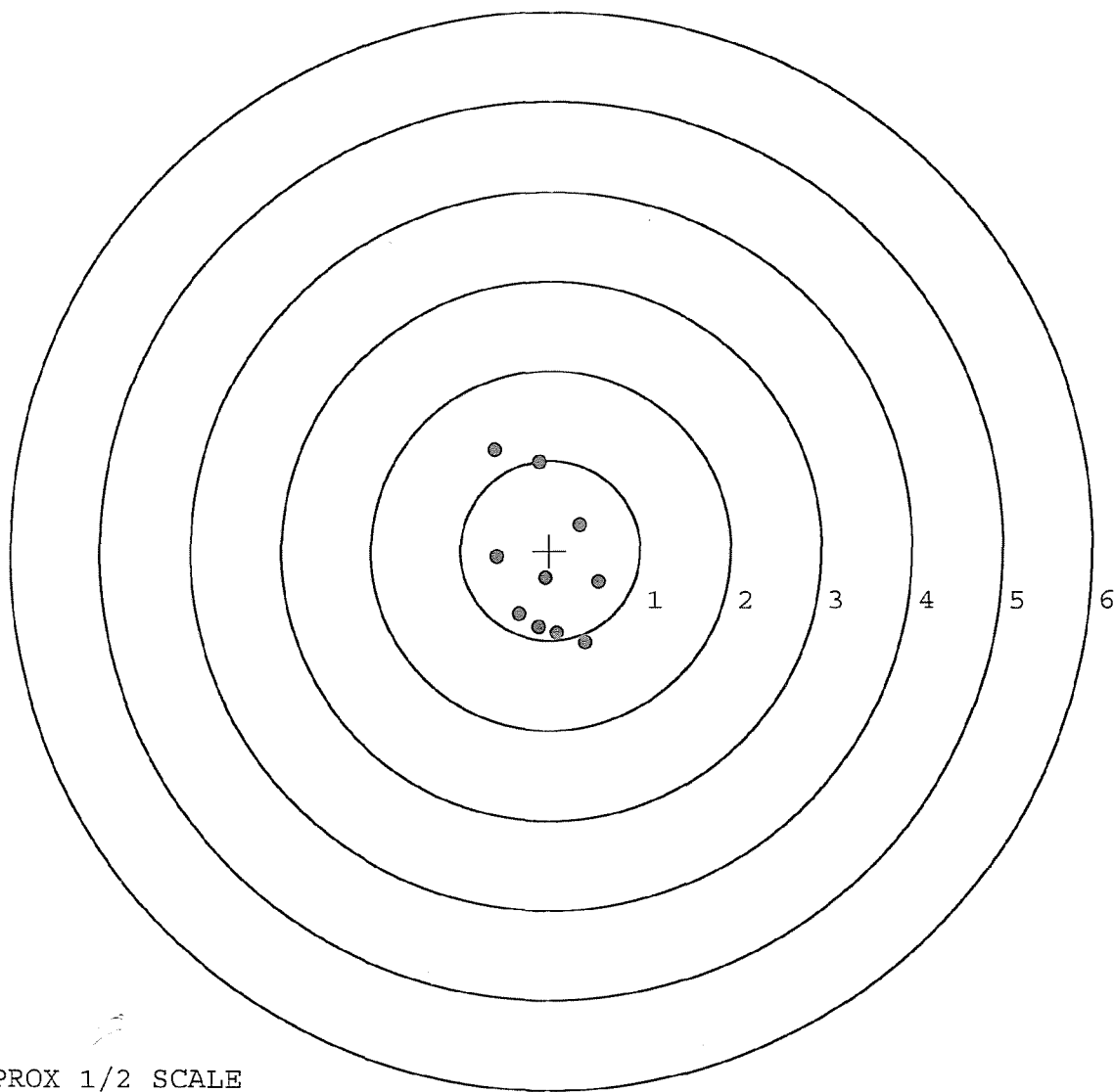
MAX RADIUS: 1.417

MEAN RADIUS: 0.746

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE