

G6577291

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



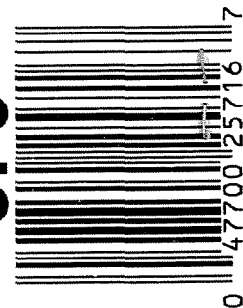
ORDER NO. **25716**

BARREL LENGTH 24"

CAPACITY 6

G6577291

UPC



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.



GUN SERIAL # G6577291

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		10-12-06	RTZ
420	ASSEMBLE ACTION		10-12-06	RTZ
430	ASSEMBLE TO STOCK			
440	PROOF		10-13-06	TRW
460	CHECK HEADSPACE		10-13-06	TRW
470	DIS-ASSEMBLE ACTION		10-13-06	DL
480	MAGNAFLUX BBL ACTION		10/14/06	
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		10-13-06	CW
510	DRILL AND TAP SIGHT HOLES		10-13-06	TRW
520	GOFF BLAST BBL / REC		10-16-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		10/19/06	RS
560	RE-ASSEMBLE ACTION		10-25-06	SD
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		10-25-06	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10-25-06	SD
	D) OIL FIRING PIN ASSEMBLY		11-2-06	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>7.0</u> <u>7.0</u> <u>7.0</u>	11/13/06	nom
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>3.0</u> <u>3.0</u> <u>3.0</u>	11/13/06	nom
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.025</u> <u>.025</u> <u>.025</u>	11/13/06	nom
	J) ASSEMBLE STOCK		11-2-06	RTZ
	K) ASSEMBLE SWIVEL STUDS		11-15-06	L.P.D.
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		11-2-06	RTZ
	M) IRON SIGHT ALIGNMENT		11-2-06	RTZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		11-2-06	RTZ
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	11-3-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		11/3/06	WR
670	FINAL INSPECTION A) HEADSPACE		11-15-06	L.P.D.
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>253</u> <u>250</u> <u>249</u> <u>249</u> <u>252</u>	11-11-06	RP
	C) FUNCTION		11-15-06	L.P.D.
690	PACK		11/17/06	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 9-29-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.47	2.68		2.48	
PULL #2	2.49	2.58		2.52	
PULL #3	2.48	2.55		2.44	
PULL #4	2.42	2.51		2.53	
PULL #5	2.52	2.53		2.46	
TOTAL	12.38	12.85		12.43	
AVERAGE	2.47	2.57		2.48	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.00	3.17		
PULL #2	3.04	3.03		
PULL #3	2.95	3.04		
PULL #4	2.96	3.05		
PULL #5	3.01	2.98		
TOTAL	14.96	15.27		
AVERAGE	2.99	3.05		

	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	4.08	4.20		4.17
PULL #2	4.06	4.16		4.16
PULL #3	4.02	4.07		4.15
PULL #4	4.00	3.90		4.14
PULL #5	3.99	4.05		4.17
TOTAL	20.15	20.38		20.79
AVERAGE	4.03	4.07		4.15

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6577291.___0
FILE DATE AND TIME: 11/04/2006 06:00

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.006
The Average Y Centroid of the Five Target Set:	0.012
The Average Point of Impact of the Five Target Set:	0.013
The Average Mean Radius of the Five Target Set:	0.727
The Distance from POA to Centroid Target #1:	0.042
The Distance from Centroid Target #2 to Centroid Target #1:	0.104
The Distance from Centroid Target #3 to Centroid Target #1:	0.057
The Distance from Centroid Target #4 to Centroid Target #1:	0.061
The Distance from Centroid Target #5 to Centroid Target #1:	0.137

BARBER - M24 0088019

SERIAL NUMBER: G6577291. __0

TARGET NUMBER: 1

FILE DATE: 11/04/2006

FILE TIME: 06:00

POINT#	X	Y
1:	0.147	1.546
2:	0.404	1.140
3:	0.625	0.021
4:	-0.235	-0.871
5:	-0.414	-0.881
6:	0.127	-0.450
7:	0.106	0.166
8:	-0.119	-0.188
9:	-0.466	0.018
10:	-0.267	-0.090

X CENTROID: -0.009

Y CENTROID: 0.041

POA TO CENTROID: 0.042

HORZ SPREAD: 1.091

VERT SPREAD: 2.427

GROUP SPREAD: 2.491

MIN RADIUS: 0.170

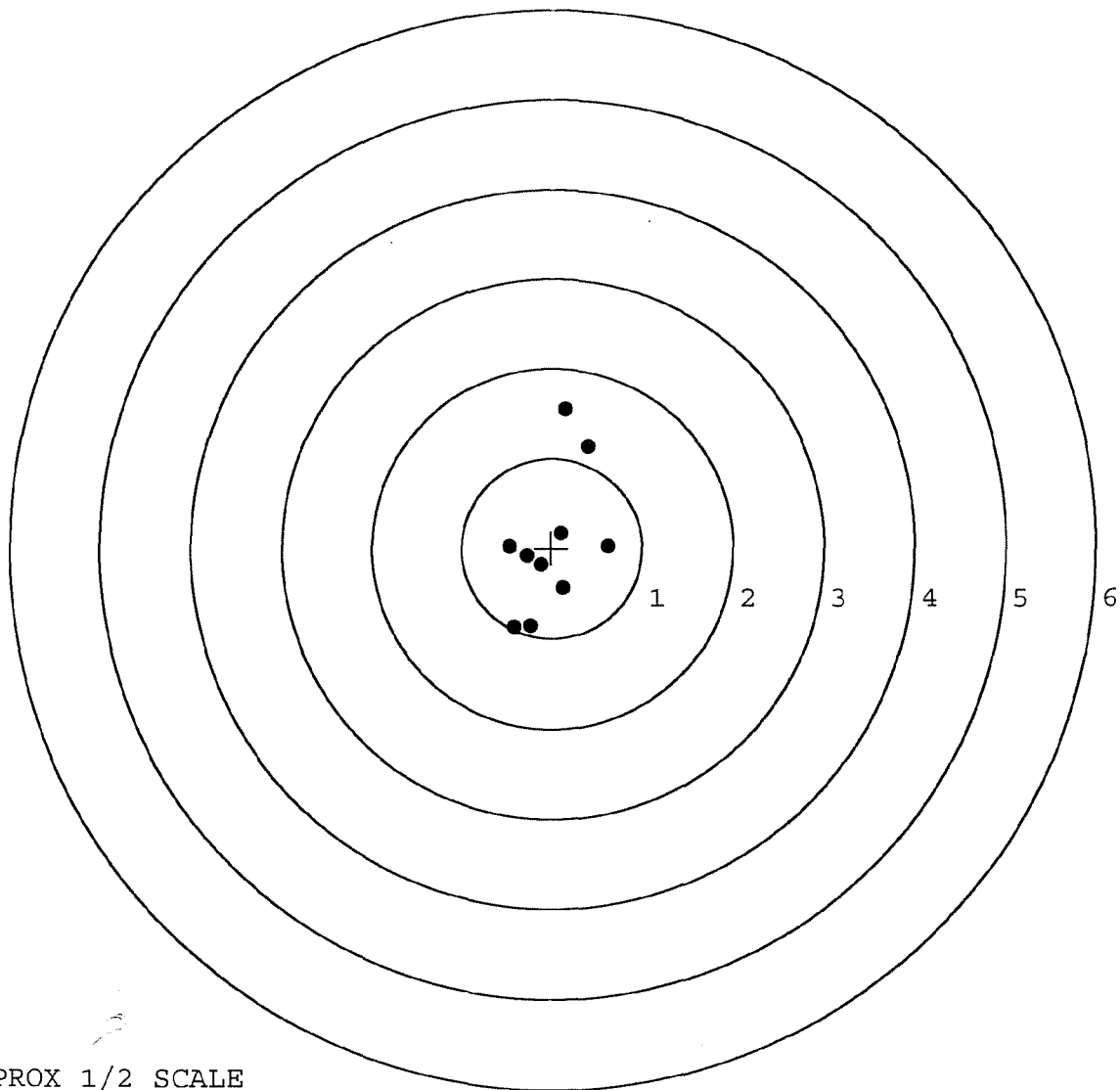
MAX RADIUS: 1.513

MEAN RADIUS: 0.695

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0088020

SERIAL NUMBER: G6577291. __ 0

TARGET NUMBER: 2

FILE DATE: 11/04/2006

FILE TIME: 06:00

POINT#	X	Y
1:	0.224	1.148
2:	0.704	0.546
3:	1.214	0.104
4:	0.067	0.487
5:	-0.002	0.088
6:	-0.796	-0.507
7:	-0.384	-0.264
8:	-0.050	-0.314
9:	-0.105	-0.734
10:	0.071	-0.068

X CENTROID: 0.094

Y CENTROID: 0.049

POA TO CENTROID: 0.106

HORZ SPREAD: 2.010

VERT SPREAD: 1.882

GROUP SPREAD: 2.101

MIN RADIUS: 0.104

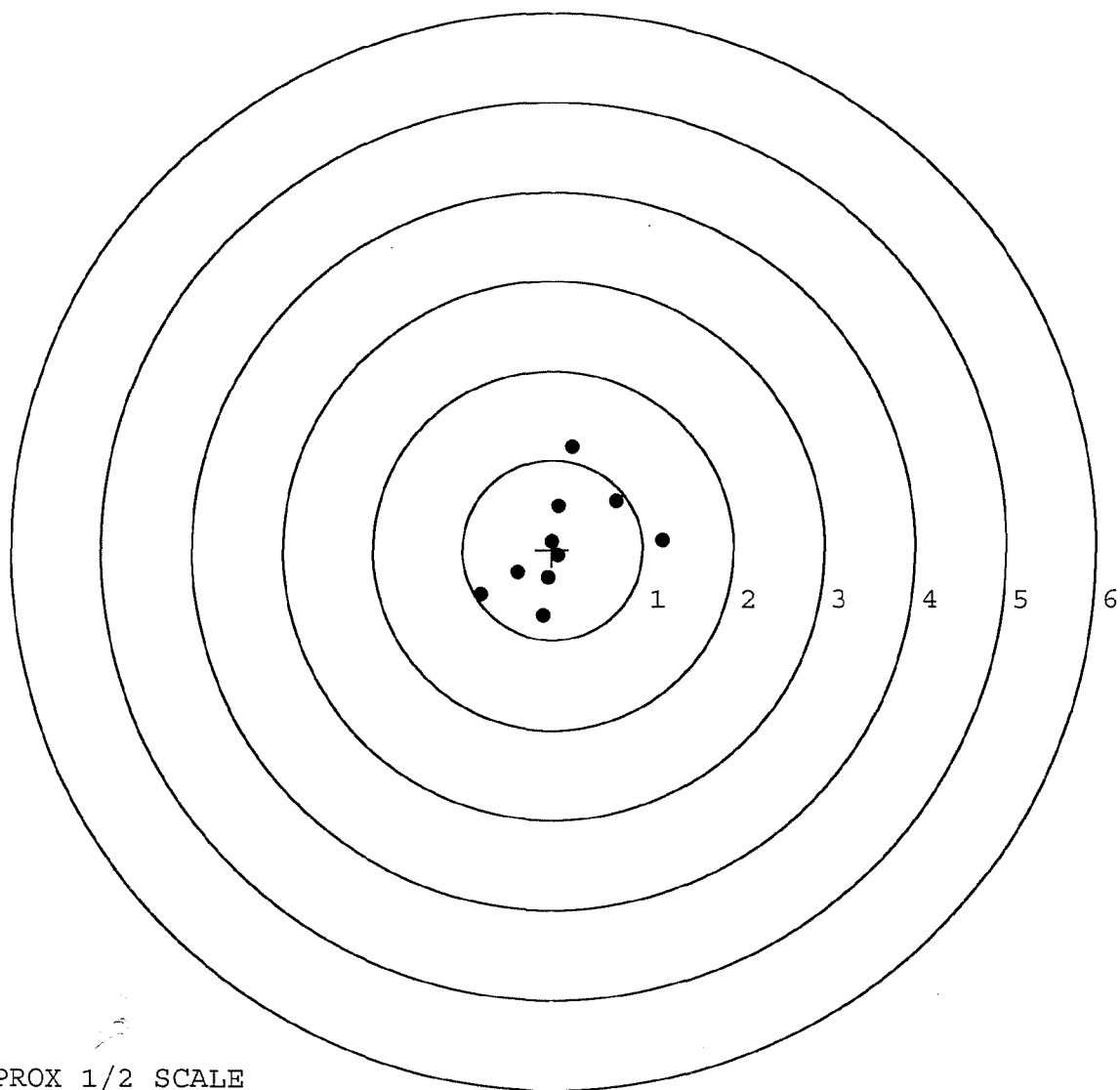
MAX RADIUS: 1.121

MEAN RADIUS: 0.650

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0088021

SERIAL NUMBER: G6577291. __ 0

TARGET NUMBER: 3

FILE DATE: 11/04/2006

FILE TIME: 06:00

POINT#	X	Y
1:	0.701	1.106
2:	-0.151	0.529
3:	0.436	0.262
4:	0.800	0.119
5:	0.639	-0.527
6:	-1.184	0.156
7:	-0.482	-0.745
8:	-0.372	-0.576
9:	-0.432	-0.088
10:	-0.353	-0.302

X CENTROID: -0.040

Y CENTROID: -0.007

POA TO CENTROID: 0.040

HORZ SPREAD: 1.984

VERT SPREAD: 1.851

GROUP SPREAD: 2.197

MIN RADIUS: 0.401

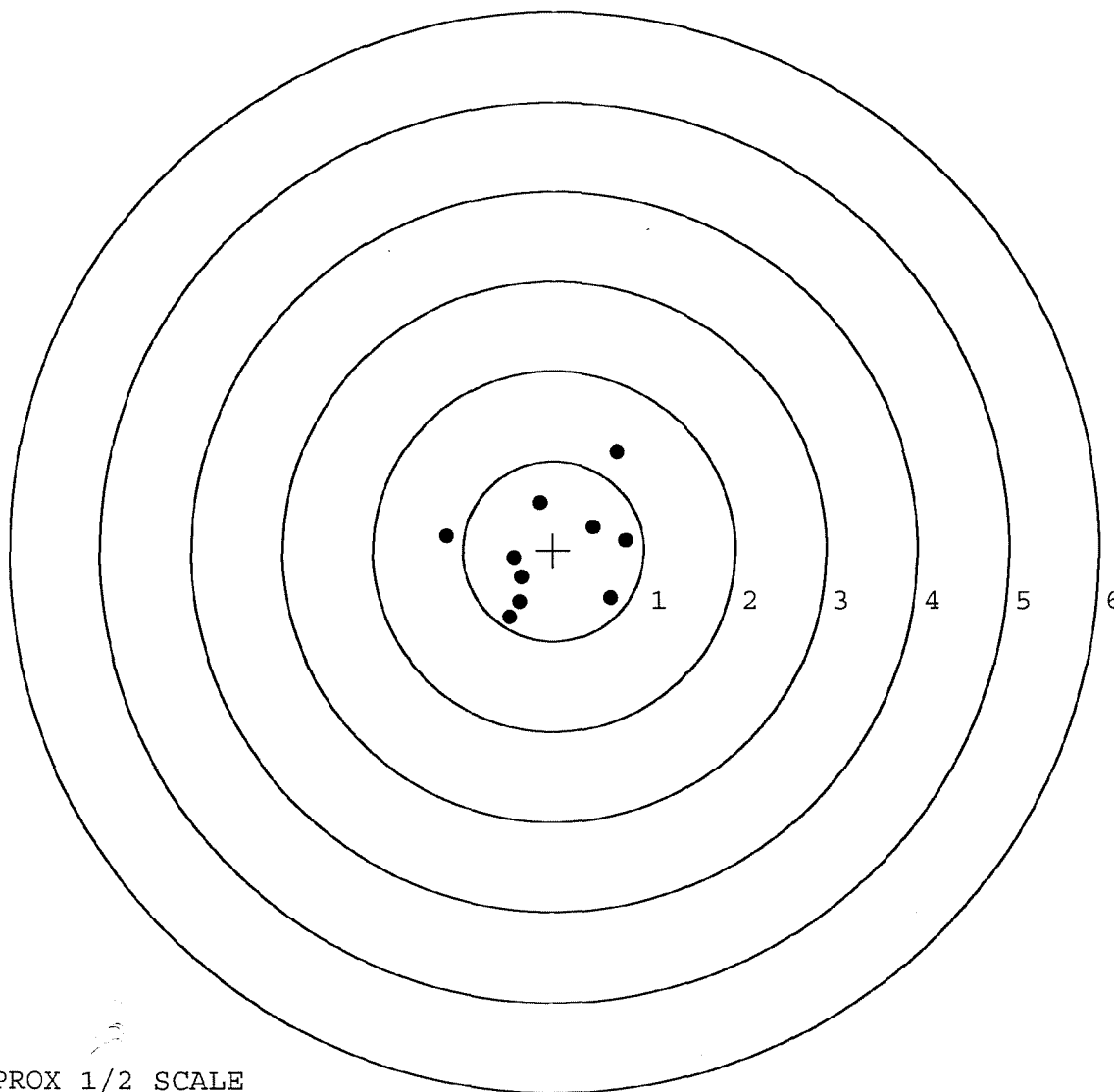
MAX RADIUS: 1.337

MEAN RADIUS: 0.764

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0088022

SERIAL NUMBER: G6577291. __ 0

TARGET NUMBER: 4

FILE DATE: 11/04/2006

FILE TIME: 06:00

POINT#	X	Y
--------	---	---

1:	0.146	-1.268
----	-------	--------

2:	0.191	-0.710
----	-------	--------

3:	-1.084	0.680
----	--------	-------

4:	-0.515	-0.469
----	--------	--------

5:	-0.624	0.008
----	--------	-------

6:	-0.386	-0.018
----	--------	--------

7:	-0.206	0.270
----	--------	-------

8:	0.153	0.291
----	-------	-------

9:	0.476	0.611
----	-------	-------

10:	1.163	1.151
-----	-------	-------

X CENTROID: -0.069

Y CENTROID: 0.055

POA TO CENTROID: 0.088

HORZ SPREAD: 2.247

VERT SPREAD: 2.419

GROUP SPREAD: 2.624

MIN RADIUS: 0.255

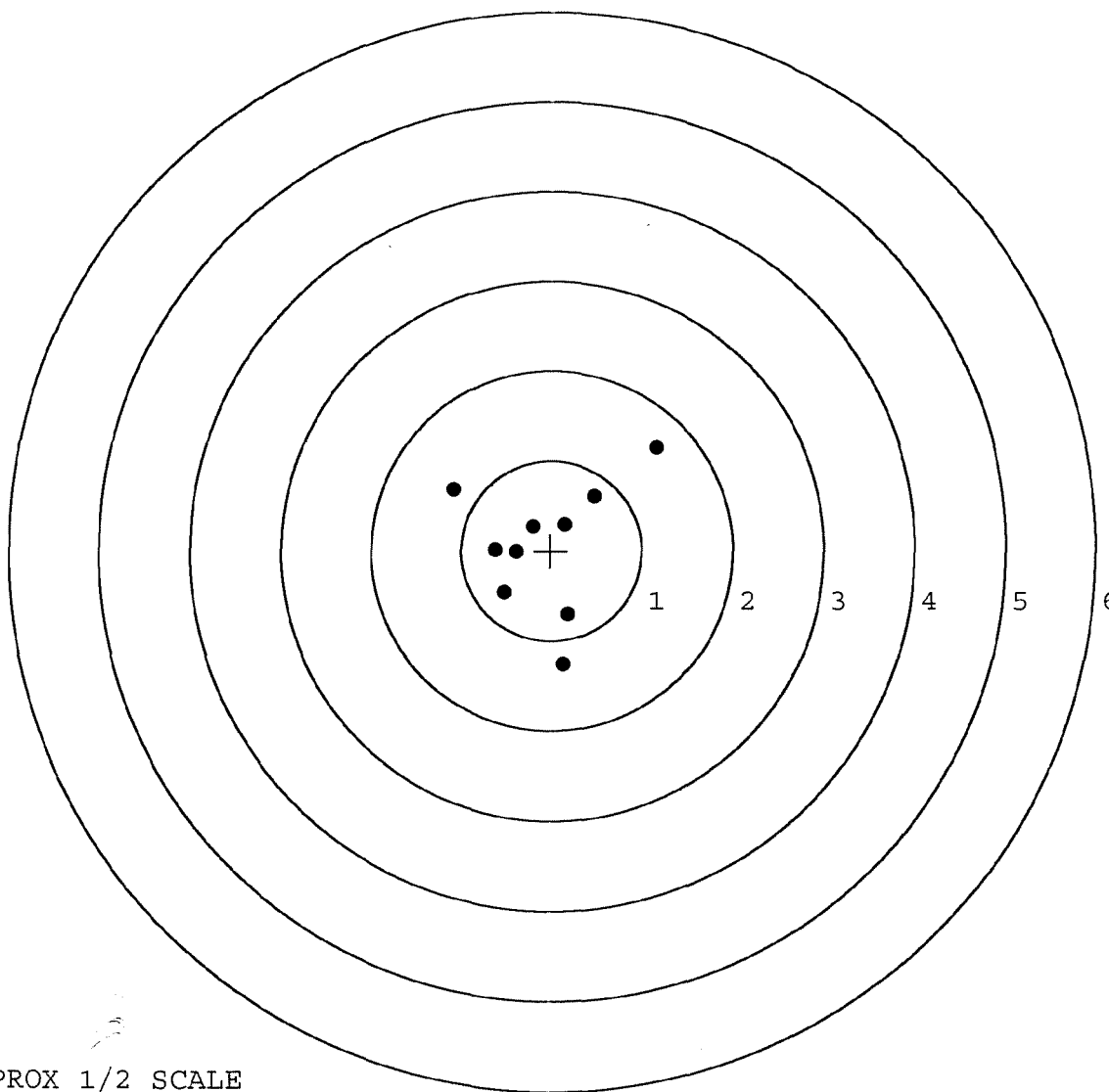
MAX RADIUS: 1.649

MEAN RADIUS: 0.792

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0088023

SERIAL NUMBER: G6577291. __0

TARGET NUMBER: 5

FILE DATE: 11/04/2006

FILE TIME: 06:00

POINT#	X	Y
1:	1.234	-1.184
2:	0.849	-0.661
3:	0.400	-0.016
4:	-0.839	-0.433
5:	-0.795	-0.197
6:	-0.318	0.016
7:	-0.171	0.350
8:	-0.024	0.486
9:	-0.026	0.811
10:	0.245	0.037

X CENTROID: 0.056

Y CENTROID: -0.079

POA TO CENTROID: 0.097

HORZ SPREAD: 2.073

VERT SPREAD: 1.995

GROUP SPREAD: 2.360

MIN RADIUS: 0.222

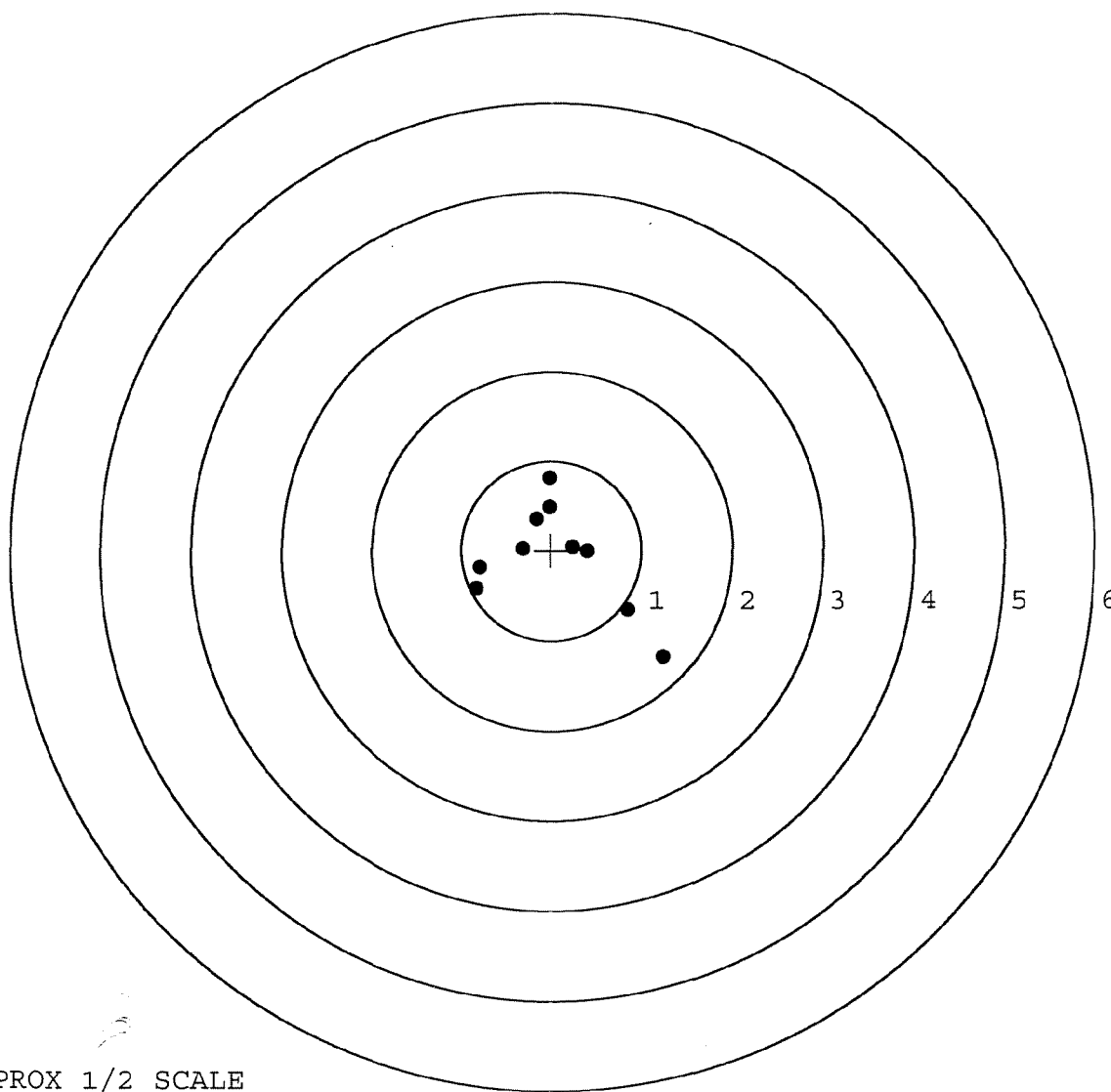
MAX RADIUS: 1.615

MEAN RADIUS: 0.733

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE