

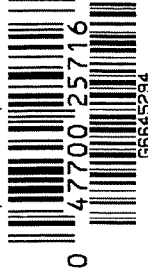
G 6645294

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

- INSTRUCTION BOOK 3518

BM FORM

proof of purchase



owner registration sticker



ORDER NO.

25716

BARREL LENGTH

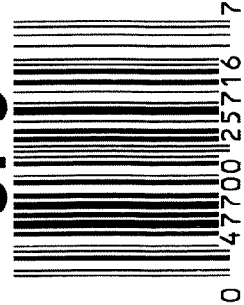
24"

CAPACITY

6

G6645294

UPC



ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

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

UPC



SERIAL NO.



GUN SERIAL # G6645294

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		7-23-07	RPD
420	ASSEMBLE ACTION		7-16-07	SD
430	ASSEMBLE TO STOCK		7/17/07	mm
440	PROOF	MAGNA - FLUX	7/17/07	mm
460	CHECK HEADSPACE	JUL 23 2007	7/17/07	mm
470	DIS-ASSEMBLE ACTION		7-20-07	SD
480	MAGNAFLUX BBL ACTION	OPERATOR <u>mmms</u>	7/24/07	mmms
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		7-24-07	CW
510	DRILL AND TAP SIGHT HOLES		7-23-07	SD
520	GOFF BLAST BBL / REC		7-24-07	LY
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		7/27/07	mm
560	RE-ASSEMBLE ACTION		7/31/07	RP
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		7/31/07	RP
	C) INSPECT EJECTOR HOLE FOR CHAMFER		7/31/07	RP
	D) OIL FIRING PIN ASSEMBLY		8-1-07	RPD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		8/24/07	mm
F004 REV 5/2003				

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	BARBER - M24 01709362 F) SAFETY ON FORCE 362 LBS MIN 10 LBS MAX	<u>6.2</u> <u>5.8</u> <u>6.9</u>	8-2-07	DA
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>3.5</u> <u>3.5</u> <u>3.5</u>	8-6-07	DA
	H) TRIGGER PULL TEST AND RETAINABILITY		8/24/07	non
	I) FIRING PIN INDENT .020 MIN	<u>1024</u> <u>1024</u> <u>10235</u>	8-6-07	DA
	J) ASSEMBLE STOCK		8-1-07	S.P.D.
	K) ASSEMBLE SWIVEL STUDS		8/6/07	non
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		8/24/07	non
	M) IRON SIGHT ALIGNMENT		8/24/07	non
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		8/24/07	non
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	8-2-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		8-2-07	FM
670	FINAL INSPECTION A) HEADSPACE		8/6/07	non
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>DA</u> <u>2.74</u> <u>2.61</u> <u>2.64</u> <u>2.60</u> <u>2.69</u>	8-6-07	DA
	C) FUNCTION		8/6/07	non
690	PACK		8-27-07	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 6/13/07TESTER mm

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS	COMMENTS
PULL #1	245	260	277	
PULL #2	241	249	279	
PULL #3	224	229	279	
PULL #4	220	232	268	
PULL #5	222	222	270	
TOTAL	11.52	11.92	13.73	
AVERAGE	2.30	2.38	2.75	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES	COMMENTS
PULL #1	300	309	
PULL #2	296	308	
PULL #3	302	306	
PULL #4	298	305	
PULL #5	296	307	
TOTAL	14.92	15.35	
AVERAGE	2.98	3.07	

	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	4.07	4.11		3.98
PULL #2	4.08	4.11		3.93
PULL #3	4.15	4.13		3.94
PULL #4	4.14	4.10		3.91
PULL #5	4.06	4.10		3.91
TOTAL	20.50	20.55		19.67
AVERAGE	4.10	4.11		3.93

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6645294.___0
FILE DATE AND TIME: 08/03/2007 07:05

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.182
The Average Y Centroid of the Five Target Set:	-0.071
The Average Point of Impact of the Five Target Set:	0.195
The Average Mean Radius of the Five Target Set:	0.883
The Distance from POA to Centroid Target #1:	0.281
The Distance from Centroid Target #2 to Centroid Target #1:	0.145
The Distance from Centroid Target #3 to Centroid Target #1:	0.208
The Distance from Centroid Target #4 to Centroid Target #1:	0.400
The Distance from Centroid Target #5 to Centroid Target #1:	0.280

BARBER - M24 0170939

SERIAL NUMBER: G6645294. 0

TARGET NUMBER: 1

FILE DATE: 08/03/2007

FILE TIME: 07:05

POINT#	X	Y
1:	1.214	-1.268
2:	0.406	-1.377
3:	0.192	-1.228
4:	-0.196	-1.233
5:	0.425	0.057
6:	0.357	0.179
7:	0.288	0.935
8:	0.164	0.963
9:	-0.307	0.719
10:	-0.601	0.227

X CENTROID: 0.194

Y CENTROID: -0.203

POA TO CENTROID: 0.281

HORZ SPREAD: 1.815

VERT SPREAD: 2.340

GROUP SPREAD: 2.502

MIN RADIUS: 0.347

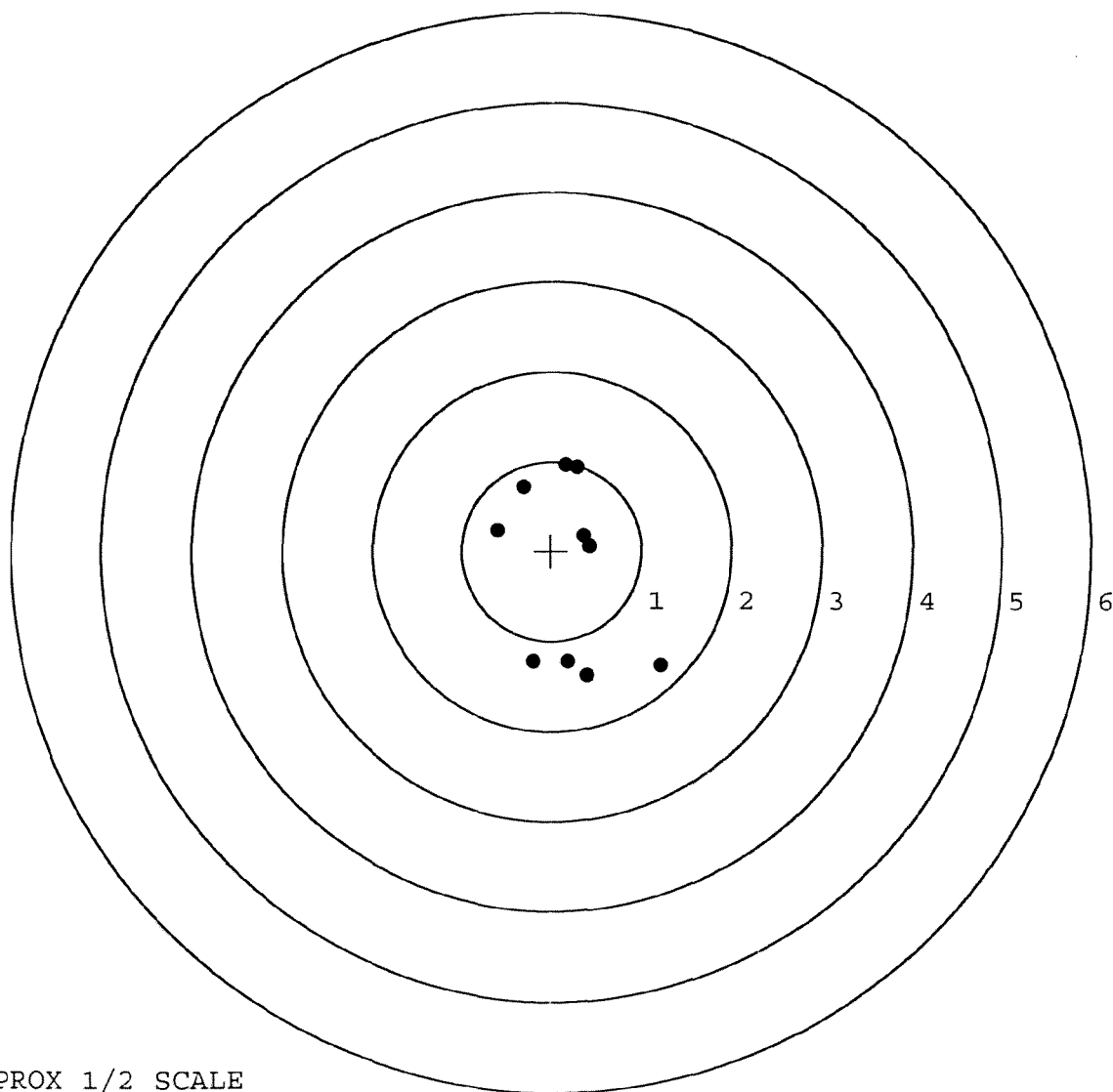
MAX RADIUS: 1.475

MEAN RADIUS: 0.982

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0170940

SERIAL NUMBER: G6645294. __0

TARGET NUMBER: 2

FILE DATE: 08/03/2007

FILE TIME: 07:05

POINT#	X	Y
1:	1.537	-0.882
2:	0.692	-1.194
3:	0.822	-0.140
4:	1.616	0.853
5:	0.418	-0.540
6:	0.171	-0.110
7:	-0.082	-0.453
8:	-0.337	0.173
9:	-0.858	0.271
10:	-0.779	0.722

X CENTROID: 0.320

Y CENTROID: -0.130

POA TO CENTROID: 0.345

HORZ SPREAD: 2.474

VERT SPREAD: 2.047

GROUP SPREAD: 2.542

MIN RADIUS: 0.150

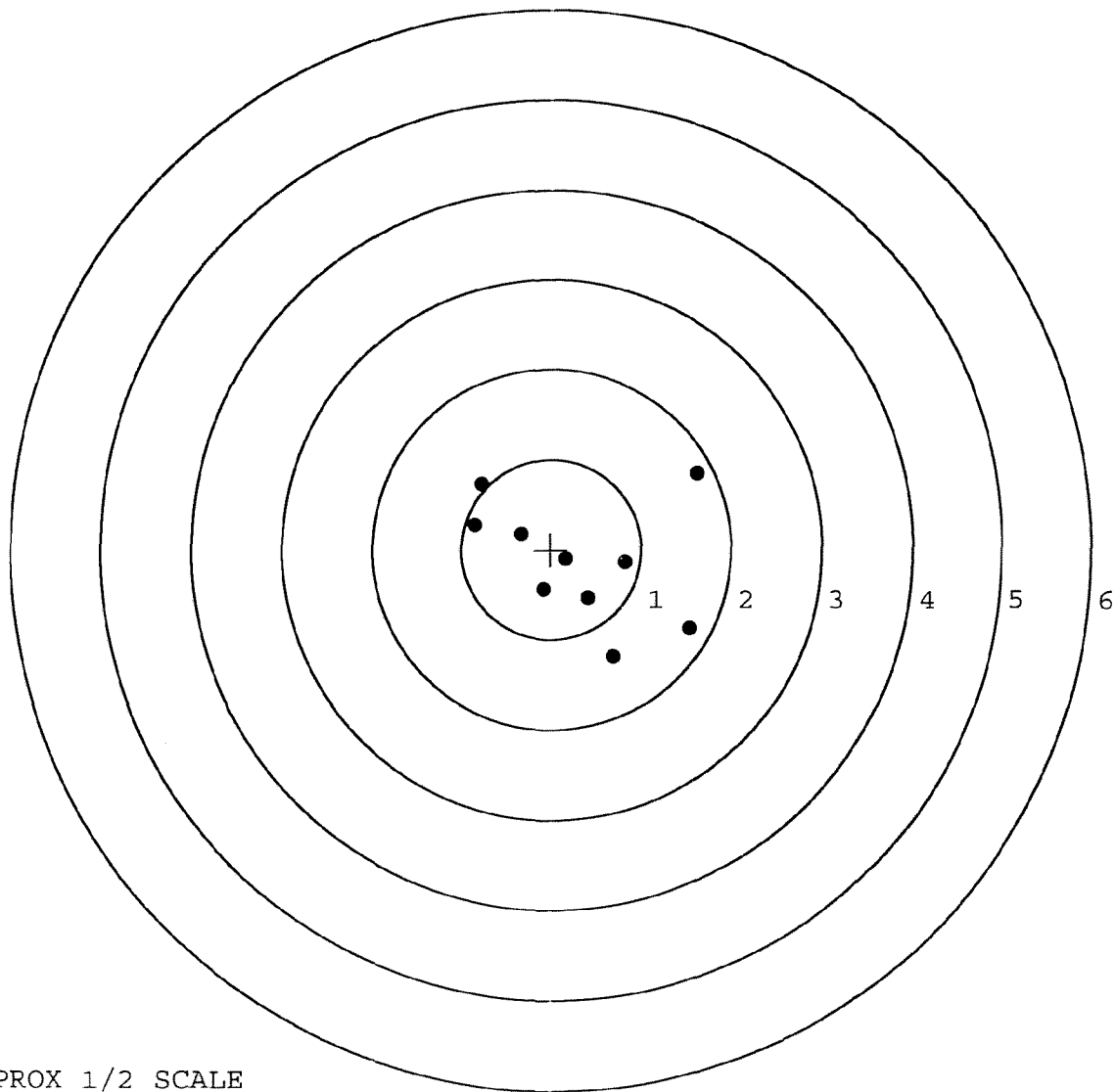
MAX RADIUS: 1.627

MEAN RADIUS: 0.913

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0170941

SERIAL NUMBER: G6645294. 0

TARGET NUMBER: 3

FILE DATE: 08/03/2007

FILE TIME: 07:05

POINT#	X	Y
1:	2.608	-0.672
2:	1.099	-0.810
3:	1.055	0.663
4:	0.120	0.548
5:	-0.211	0.972
6:	-1.343	0.794
7:	-0.368	-0.105
8:	0.208	-0.269
9:	0.192	-0.741
10:	-0.047	-0.838

X CENTROID: 0.331

Y CENTROID: -0.046

POA TO CENTROID: 0.334

HORZ SPREAD: 3.951

VERT SPREAD: 1.810

GROUP SPREAD: 4.214

MIN RADIUS: 0.255

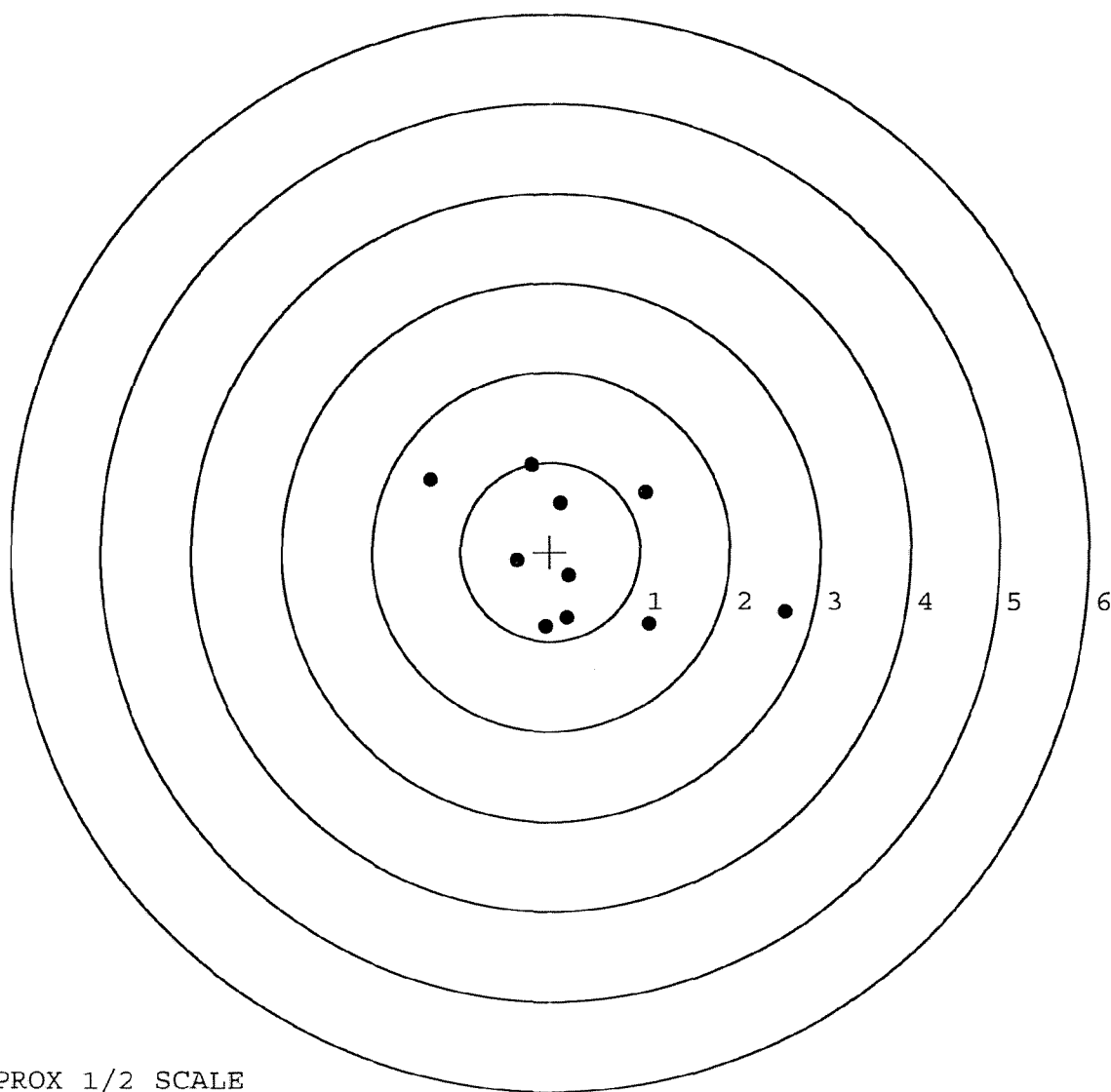
MAX RADIUS: 2.361

MEAN RADIUS: 1.066

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0170942

SERIAL NUMBER: G6645294. __0

TARGET NUMBER: 4

FILE DATE: 08/03/2007

FILE TIME: 07:05

POINT#	X	Y
1:	1.111	-0.366
2:	0.643	-0.485
3:	-0.173	-0.222
4:	-0.439	-0.245
5:	-0.443	-0.765
6:	-0.926	-0.609
7:	-1.256	0.107
8:	-0.733	0.815
9:	0.150	0.574
10:	0.308	0.679

X CENTROID: -0.176

Y CENTROID: -0.052

POA TO CENTROID: 0.183

HORZ SPREAD: 2.367

VERT SPREAD: 1.580

GROUP SPREAD: 2.414

MIN RADIUS: 0.170

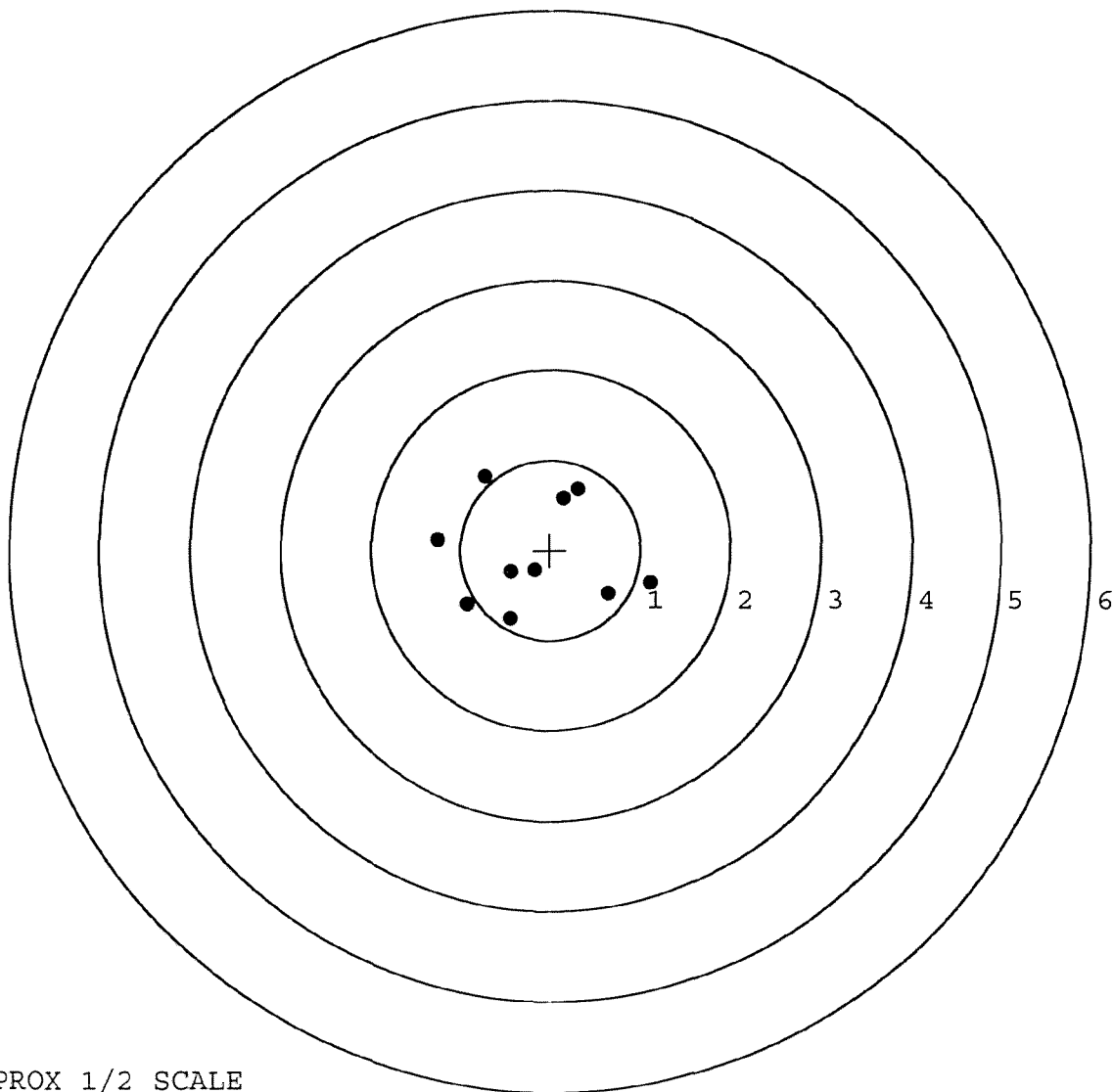
MAX RADIUS: 1.325

MEAN RADIUS: 0.815

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



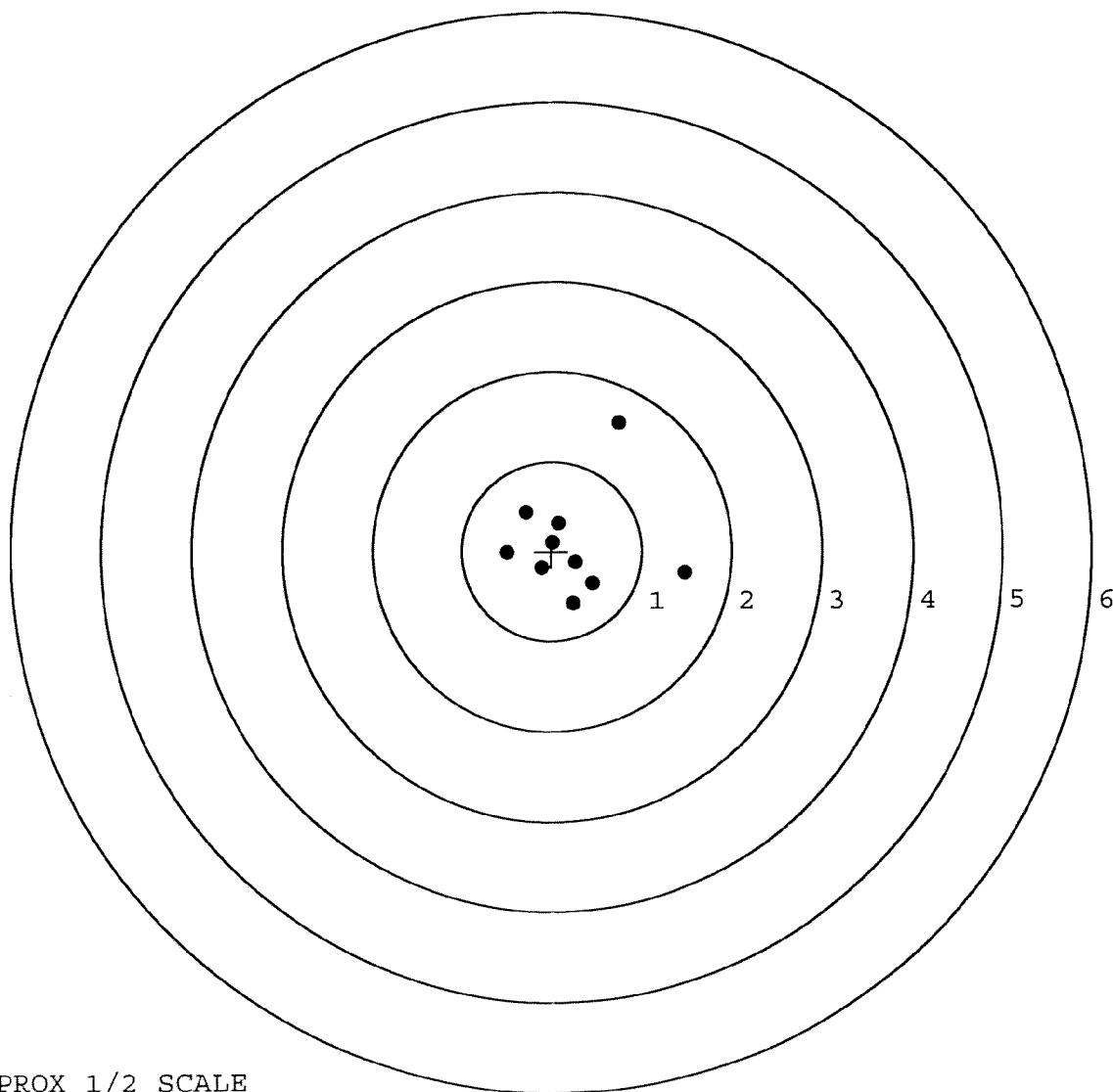
TARGET APPROX 1/2 SCALE

BARBER - M24 0170943

SERIAL NUMBER: G6645294. __ 0
 TARGET NUMBER: 5
 FILE DATE: 08/03/2007
 FILE TIME: 07:05

POINT#	X	Y
1:	1.474	-0.252
2:	0.750	1.427
3:	0.458	-0.364
4:	0.243	-0.587
5:	0.270	-0.132
6:	-0.113	-0.190
7:	0.017	0.099
8:	0.082	0.312
9:	-0.498	-0.015
10:	-0.281	0.434

X CENTROID: 0.240
 Y CENTROID: 0.073
 POA TO CENTROID: 0.251
 HORZ SPREAD: 1.972
 VERT SPREAD: 2.014
 GROUP SPREAD: 2.077
 MIN RADIUS: 0.207
 MAX RADIUS: 1.447
 MEAN RADIUS: 0.641
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE