

G 653 5286

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



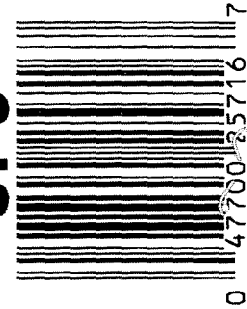
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6535286

UPC



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

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UPC



SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G653 5286

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		8-22-06	RTZ
420	ASSEMBLE ACTION		8-22-06	RTZ
430	ASSEMBLE TO STOCK		8-23-06	R.P.
440	PROOF	MAGNA-FLUX	8-23-06	TRW
460	CHECK HEADSPACE	INSPECTED	8-23-06	TRW
470	DIS-ASSEMBLE ACTION	AUG 24 2006	8-23-06	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <i>unus</i>	8/24/06	<i>unus</i>
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		8-24-06	CW
510	DRILL AND TAP SIGHT HOLES		8-23-06	TRW
520	GOFF BLAST BBL / REC		8-25-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		8/30/06	TRW
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9-1-06	RTZ
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9-1-06	RTZ
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9-1-06	RTZ
	D) OIL FIRING PIN ASSEMBLY		9-1-06	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		10/1/06	JD
F004 REV 5/2006				

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.0</u> <u>6.0</u> <u>6.0</u>	9-5-06	DA
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>3.2</u> <u>3.0</u>	9-5-06	DA
	H) TRIGGER PULL TEST AND RETAINABILITY		10-11-06	SD
	I) FIRING PIN INDENT .020 MIN	<u>.025</u> <u>.025</u> <u>.023</u>	9-5-06	DA
	J) ASSEMBLE STOCK		9-1-06	RZ
	K) ASSEMBLE SWIVEL STUDS		10-11-06	SD
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		9-1-06	RZ
	M) IRON SIGHT ALIGNMENT		9-1-06	RZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		9-1-06	RZ
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	9-1-06	L.P.A.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		9/1/06	MPD
670	FINAL INSPECTION A) HEADSPACE		10-11-06	SD
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.55</u> <u>2.57</u> <u>2.55</u> <u>2.56</u> <u>2.65</u>	9-5-06	DA
	C) FUNCTION		10-11-06	SD
690	PACK		10-31-06	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 9-1-06

TESTER M-Ju

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS	COMMENTS
PULL #1	2.56	2.50	2.53	
PULL #2	2.44	2.44	2.41	
PULL #3	2.50	2.53	2.43	
PULL #4	2.55	2.41	2.50	
PULL #5	2.54	2.45	2.49	
TOTAL	12.58	12.33	12.36	
AVERAGE	2.52	2.47	2.47	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES	COMMENTS
PULL #1	2.89	2.95	
PULL #2	2.94	2.97	
PULL #3	2.98	2.95	
PULL #4	2.89	2.93	
PULL #5	2.84	2.93	
TOTAL	14.54	14.73	
AVERAGE	2.91	2.95	

	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	4.12	4.01		4.06
PULL #2	3.96	3.89		4.04
PULL #3	4.01	3.80		3.80
PULL #4	4.08	3.88		3.88
PULL #5	3.94	3.80		3.89
TOTAL	20.11	19.48		19.67
AVERAGE	4.02	3.90		3.93

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6535286.__0
FILE DATE AND TIME: 09/01/2006 15:16

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.063
The Average Y Centroid of the Five Target Set:	-0.068
The Average Point of Impact of the Five Target Set:	0.092
The Average Mean Radius of the Five Target Set:	0.648
The Distance from POA to Centroid Target #1:	0.299
The Distance from Centroid Target #2 to Centroid Target #1:	0.178
The Distance from Centroid Target #3 to Centroid Target #1:	0.298
The Distance from Centroid Target #4 to Centroid Target #1:	0.448
The Distance from Centroid Target #5 to Centroid Target #1:	0.517

BARBER - M24 0090566

SERIAL NUMBER: G6535286. __0

TARGET NUMBER: 1

FILE DATE: 09/01/2006

FILE TIME: 15:16

POINT#	X	Y
1:	-1.102	0.826
2:	-0.214	0.675
3:	-0.327	-0.160
4:	-0.004	-1.303
5:	0.422	-1.317
6:	0.779	-0.857
7:	0.334	-0.449
8:	0.312	-0.249
9:	0.378	0.053
10:	0.949	0.209

X CENTROID: 0.153

Y CENTROID: -0.257

POA TO CENTROID: 0.299

HORZ SPREAD: 2.051

VERT SPREAD: 2.143

GROUP SPREAD: 2.630

MIN RADIUS: 0.160

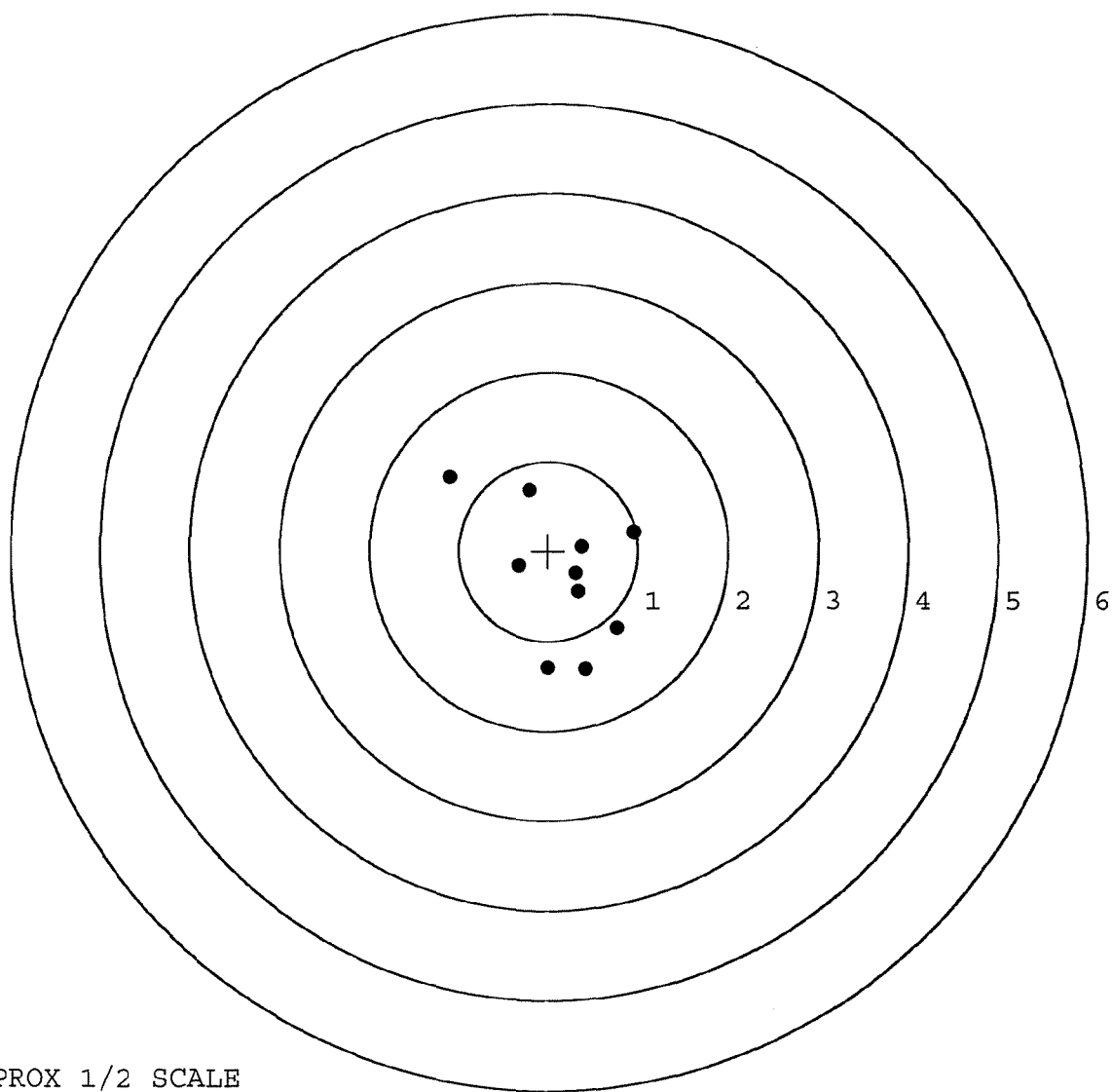
MAX RADIUS: 1.658

MEAN RADIUS: 0.790

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0090567

SERIAL NUMBER: G6535286. 0

TARGET NUMBER: 2

FILE DATE: 09/01/2006

FILE TIME: 15:16

POINT#	X	Y
1:	-0.450	0.797
2:	-0.908	-0.819
3:	0.897	-0.399
4:	0.636	-0.497
5:	0.437	-0.397
6:	-0.110	0.153
7:	-0.391	-0.011
8:	-0.118	-0.338
9:	0.119	0.047
10:	-0.058	-0.104

X CENTROID: 0.005

Y CENTROID: -0.157

POA TO CENTROID: 0.157

HORZ SPREAD: 1.805

VERT SPREAD: 1.616

GROUP SPREAD: 1.853

MIN RADIUS: 0.083

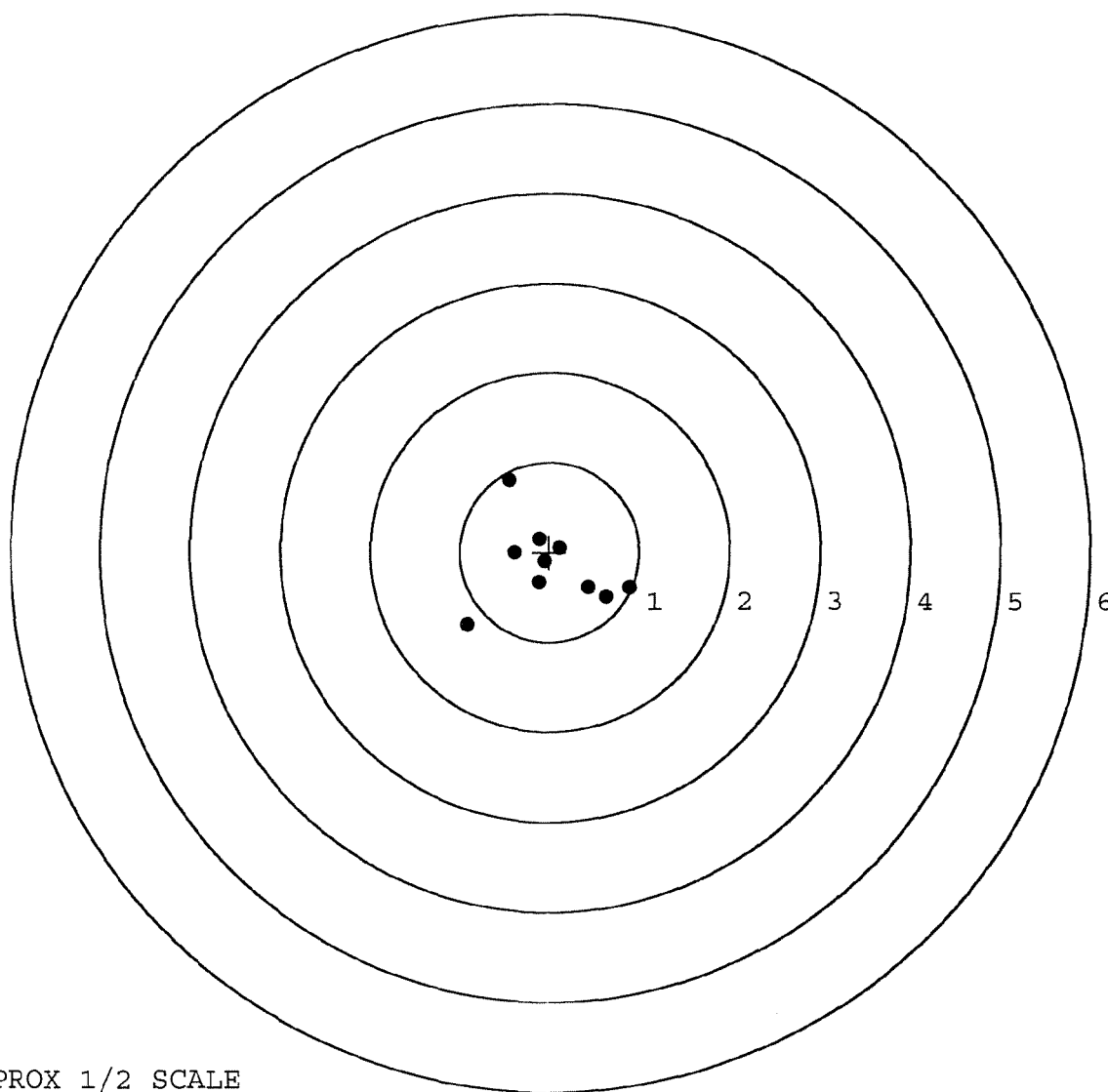
MAX RADIUS: 1.128

MEAN RADIUS: 0.561

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0090568

SERIAL NUMBER: G6535286. __0

TARGET NUMBER: 3

FILE DATE: 09/01/2006

FILE TIME: 15:16

POINT#	X	Y
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1:	-0.315	-0.702
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2:	-0.250	-0.331
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3:	-0.589	0.056
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4:	-0.733	0.702
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5:	0.382	-0.600
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6:	0.377	-0.204
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7:	0.424	0.309
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8:	-0.026	0.263
----	--------	-------

9:	-0.054	0.097
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10:	0.138	-0.124
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X CENTROID: -0.065

Y CENTROID: -0.053

POA TO CENTROID: 0.084

HORZ SPREAD: 1.157

VERT SPREAD: 1.404

GROUP SPREAD: 1.714

MIN RADIUS: 0.151

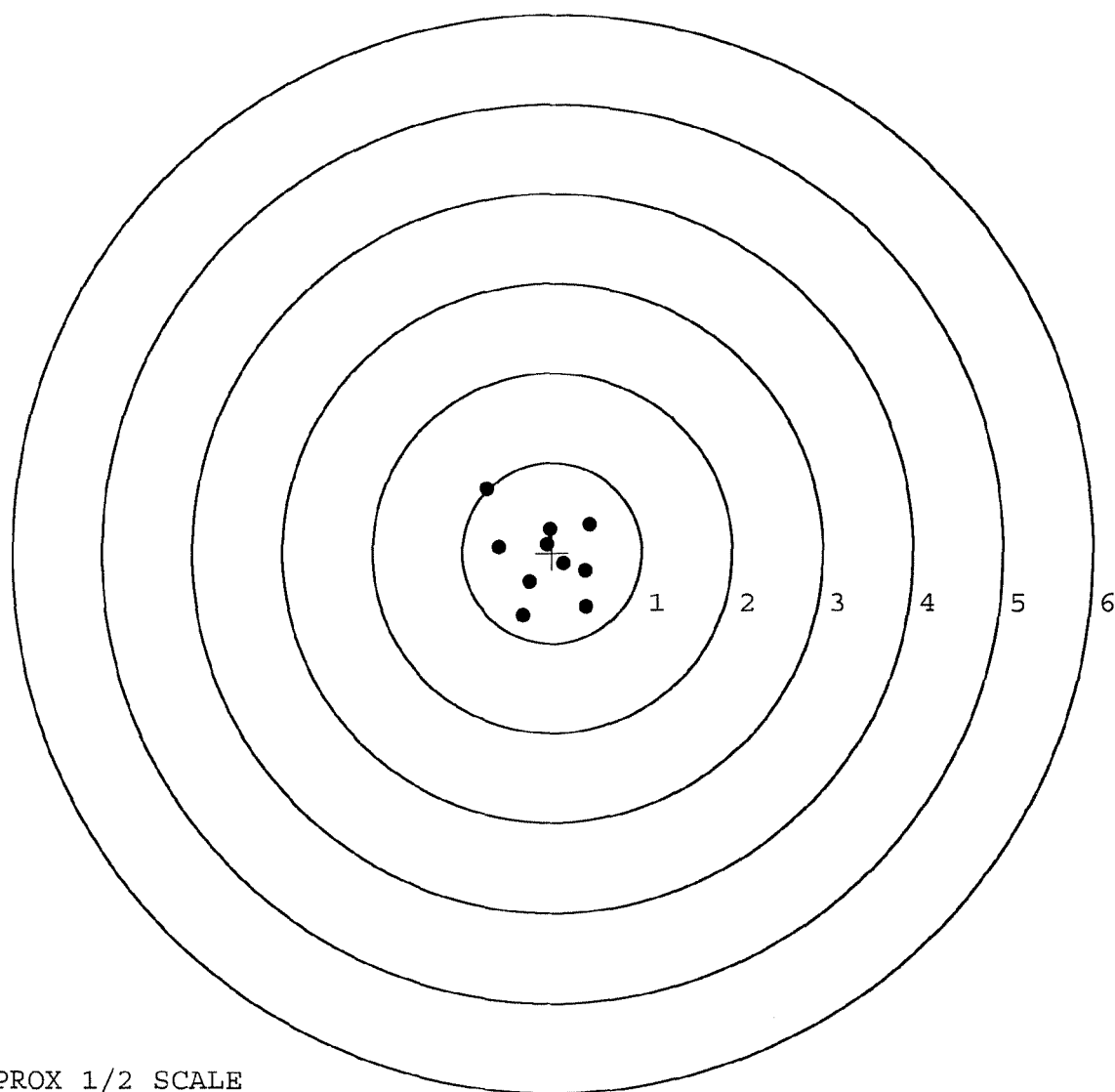
MAX RADIUS: 1.009

MEAN RADIUS: 0.504

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0090569

SERIAL NUMBER: G6535286. 0

TARGET NUMBER: 4

FILE DATE: 09/01/2006

FILE TIME: 15:16

POINT#	X	Y
1:	0.160	-1.144
2:	0.117	-0.385
3:	-1.028	-0.432
4:	-0.232	-0.056
5:	-0.512	-0.027
6:	-0.694	0.125
7:	0.445	0.486
8:	0.083	0.515
9:	-0.313	0.395
10:	-0.131	0.571

X CENTROID: -0.210

Y CENTROID: 0.005

POA TO CENTROID: 0.211

HORZ SPREAD: 1.473

VERT SPREAD: 1.715

GROUP SPREAD: 1.740

MIN RADIUS: 0.064

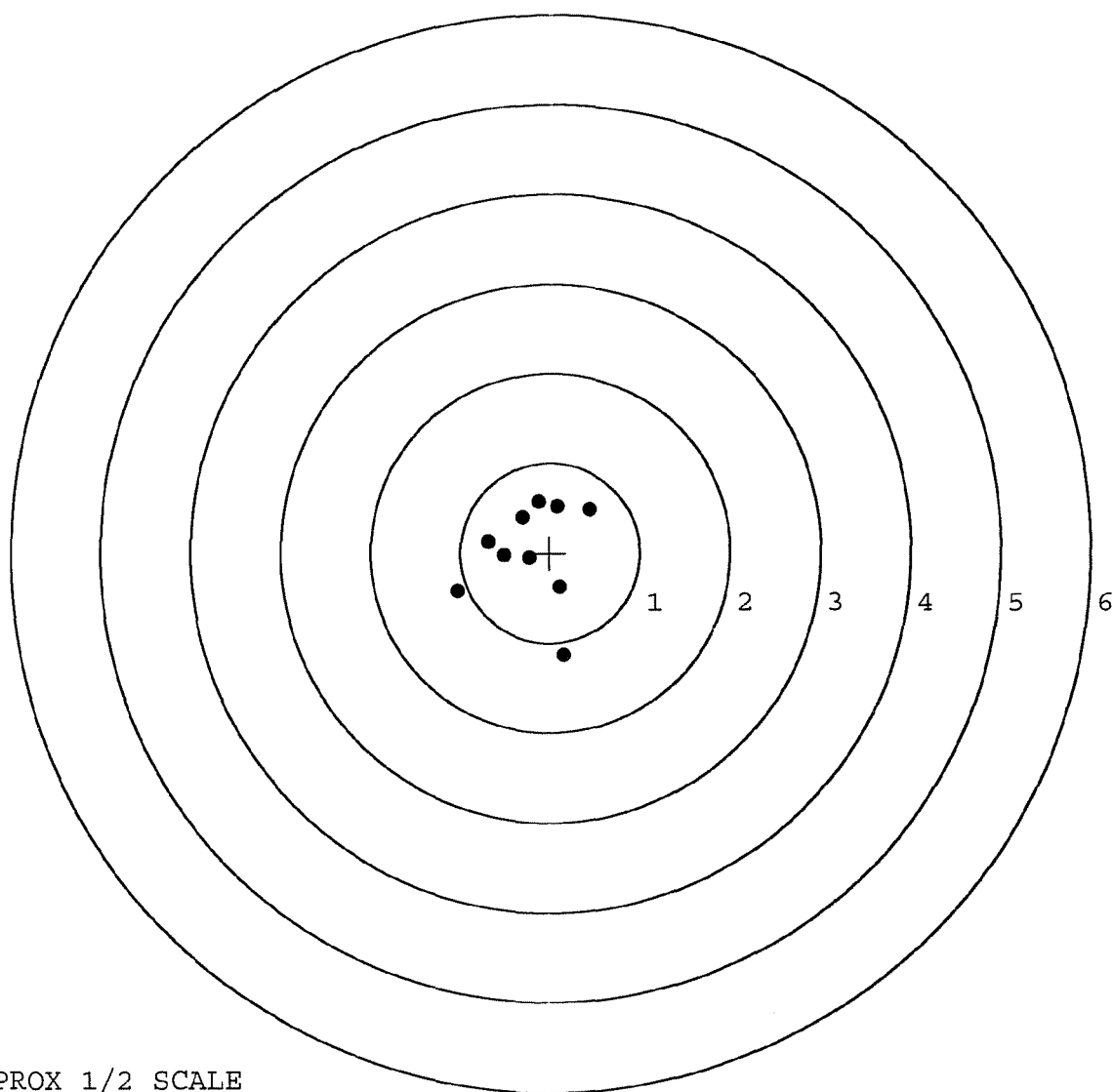
MAX RADIUS: 1.207

MEAN RADIUS: 0.589

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

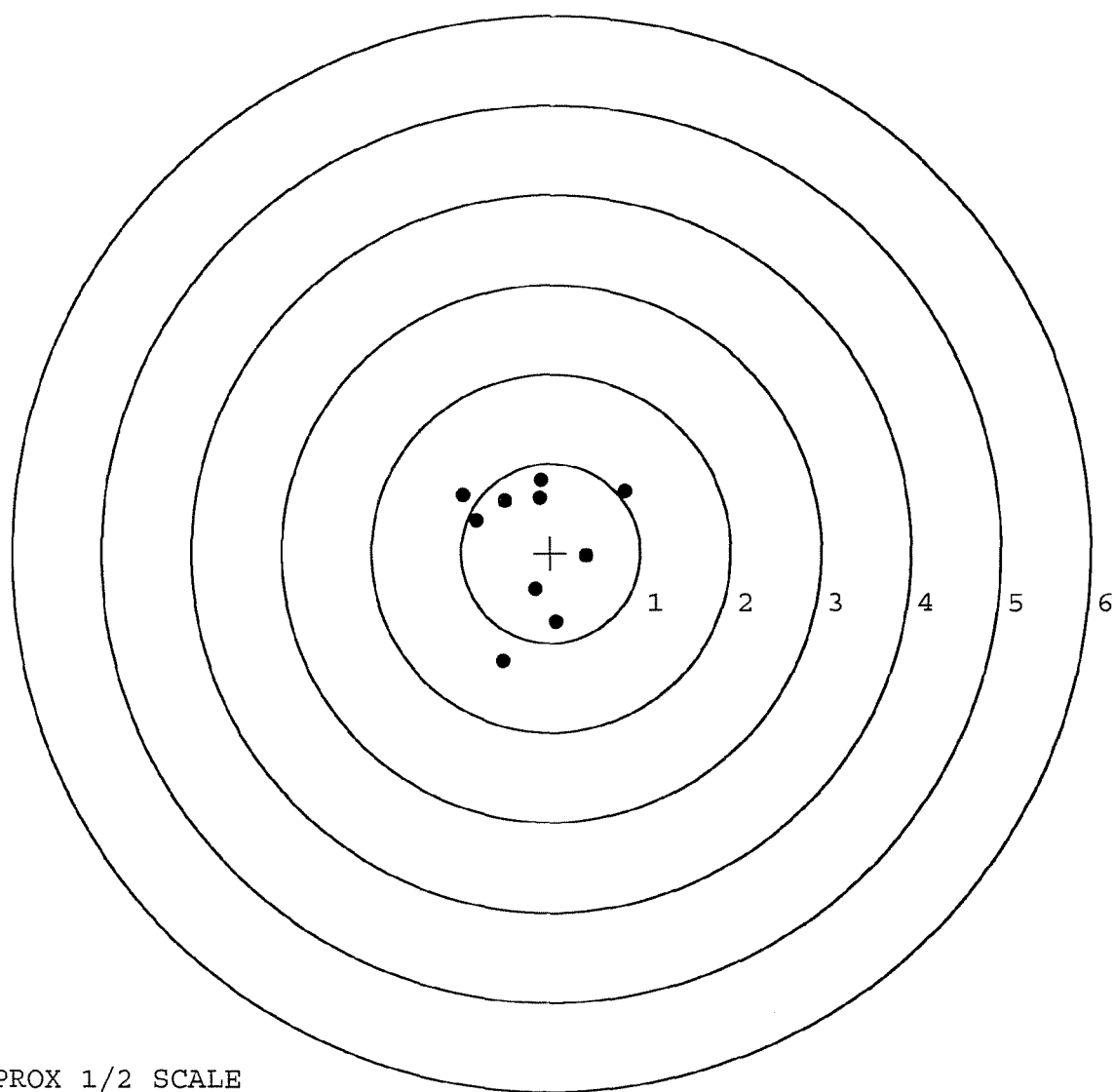
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0090570

SERIAL NUMBER: G6535286. __0	<u>POINT#</u>	<u>X</u>	<u>Y</u>
TARGET NUMBER: 5	1:	-0.528	-1.209
FILE DATE: 09/01/2006	2:	0.067	-0.769
FILE TIME: 15:16	3:	-0.168	-0.410
	4:	0.402	-0.039
X CENTROID: -0.197	5:	0.831	0.688
Y CENTROID: 0.124	6:	-0.108	0.807
POA TO CENTROID: 0.233	7:	-0.126	0.613
HORZ SPREAD: 1.817	8:	-0.518	0.574
VERT SPREAD: 2.016	9:	-0.834	0.350
GROUP SPREAD: 2.334	10:	-0.986	0.635
MIN RADIUS: 0.494			
MAX RADIUS: 1.374			
MEAN RADIUS: 0.798			
# IN 1 IN DIAMETER: 1			
# IN 2 IN DIAMETER: 8			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE