

G 6577117
Rep head
G 6296702

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6577117. __0

FILE DATE AND TIME: 07/13/2006 17:55

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

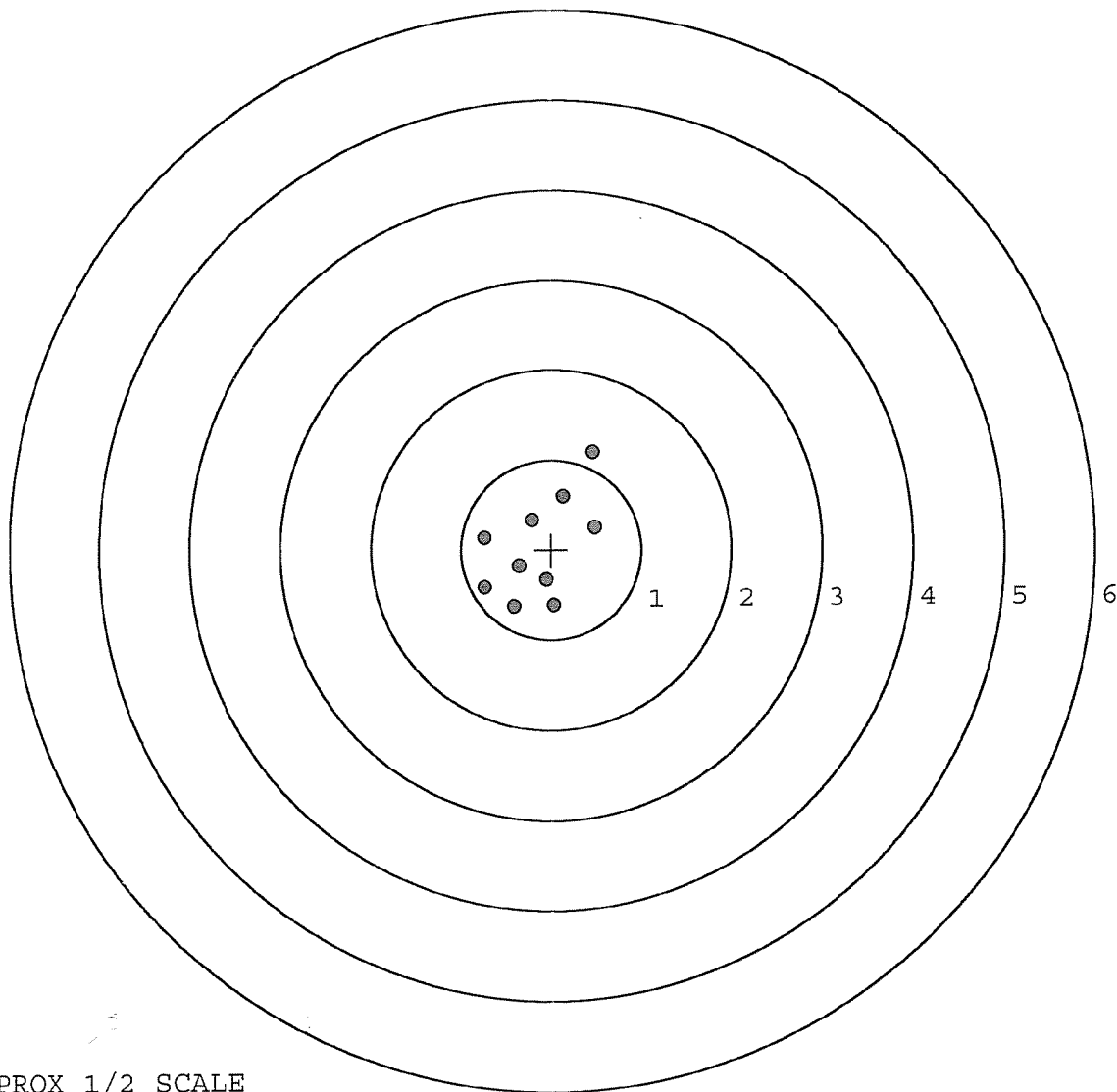
The Average X Centroid of the Five Target Set:	-0.064
The Average Y Centroid of the Five Target Set:	0.045
The Average Point of Impact of the Five Target Set:	0.078
The Average Mean Radius of the Five Target Set:	0.757
The Distance from POA to Centroid Target #1:	0.145
The Distance from Centroid Target #2 to Centroid Target #1:	0.072
The Distance from Centroid Target #3 to Centroid Target #1:	0.248
The Distance from Centroid Target #4 to Centroid Target #1:	0.158
The Distance from Centroid Target #5 to Centroid Target #1:	0.271

BARBER - M24 0085546

SERIAL NUMBER: G6577117. __0
 TARGET NUMBER: 1
 FILE DATE: 07/13/2006
 FILE TIME: 17:55

POINT#	X	Y
1:	0.462	1.081
2:	0.135	0.597
3:	-0.218	0.333
4:	0.482	0.250
5:	0.027	-0.625
6:	-0.056	-0.334
7:	-0.418	-0.634
8:	-0.746	-0.422
9:	-0.357	-0.183
10:	-0.743	0.137

X CENTROID: -0.143
 Y CENTROID: 0.020
 POA TO CENTROID: 0.145
 HORZ SPREAD: 1.228
 VERT SPREAD: 1.715
 GROUP SPREAD: 1.928
 MIN RADIUS: 0.295
 MAX RADIUS: 1.221
 MEAN RADIUS: 0.624
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0085547

SERIAL NUMBER: G6577117. __0

TARGET NUMBER: 2

FILE DATE: 07/13/2006

FILE TIME: 17:55

POINT#	X	Y
1:	-0.605	1.086
2:	0.293	1.203
3:	0.265	0.146
4:	0.918	0.039
5:	0.346	-0.747
6:	-0.137	-0.212
7:	-0.426	-0.358
8:	-0.302	0.032
9:	-0.854	-1.006
10:	-0.257	-0.242

X CENTROID: -0.076

Y CENTROID: -0.006

POA TO CENTROID: 0.076

HORZ SPREAD: 1.772

VERT SPREAD: 2.209

GROUP SPREAD: 2.489

MIN RADIUS: 0.215

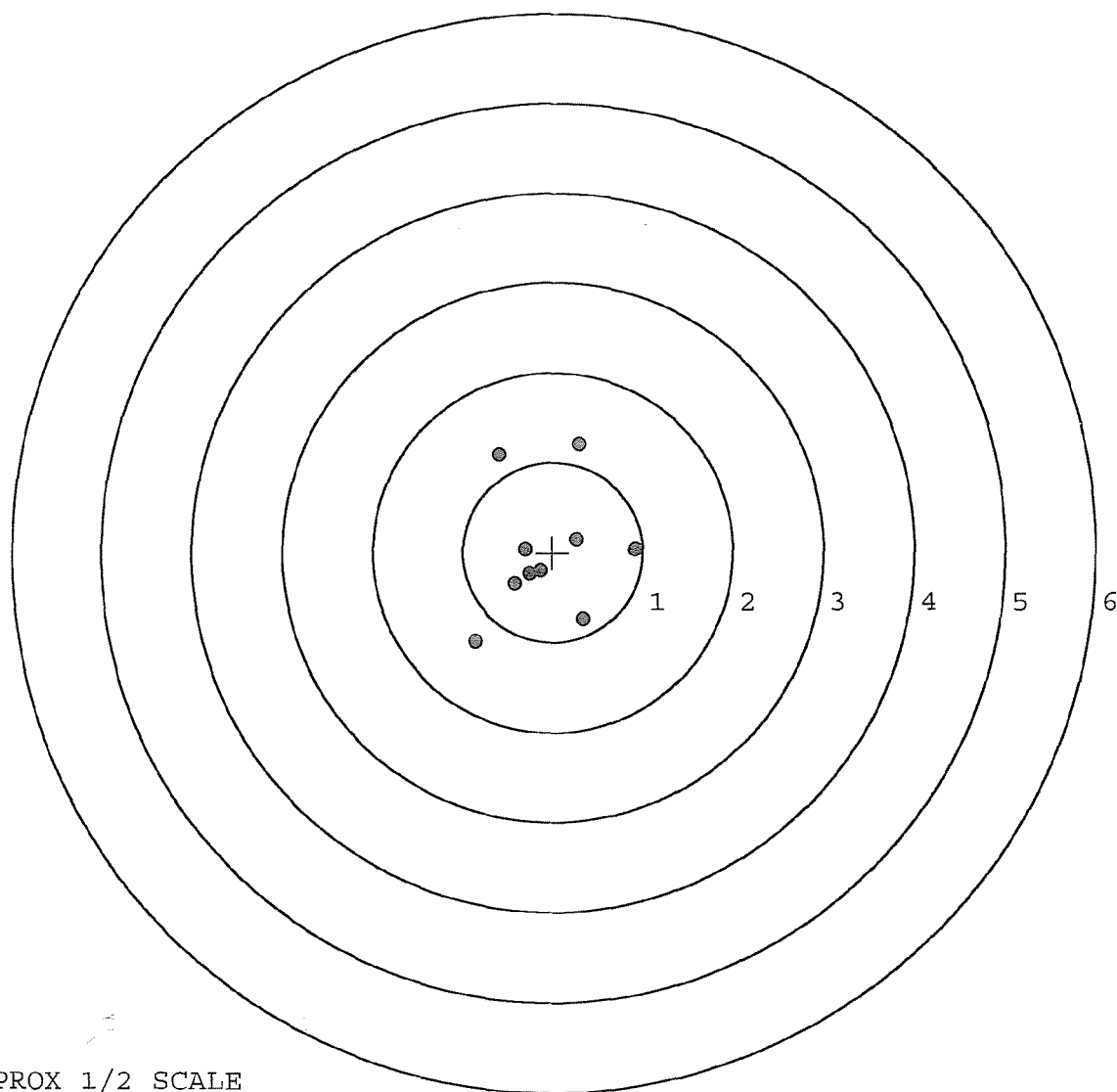
MAX RADIUS: 1.267

MEAN RADIUS: 0.720

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



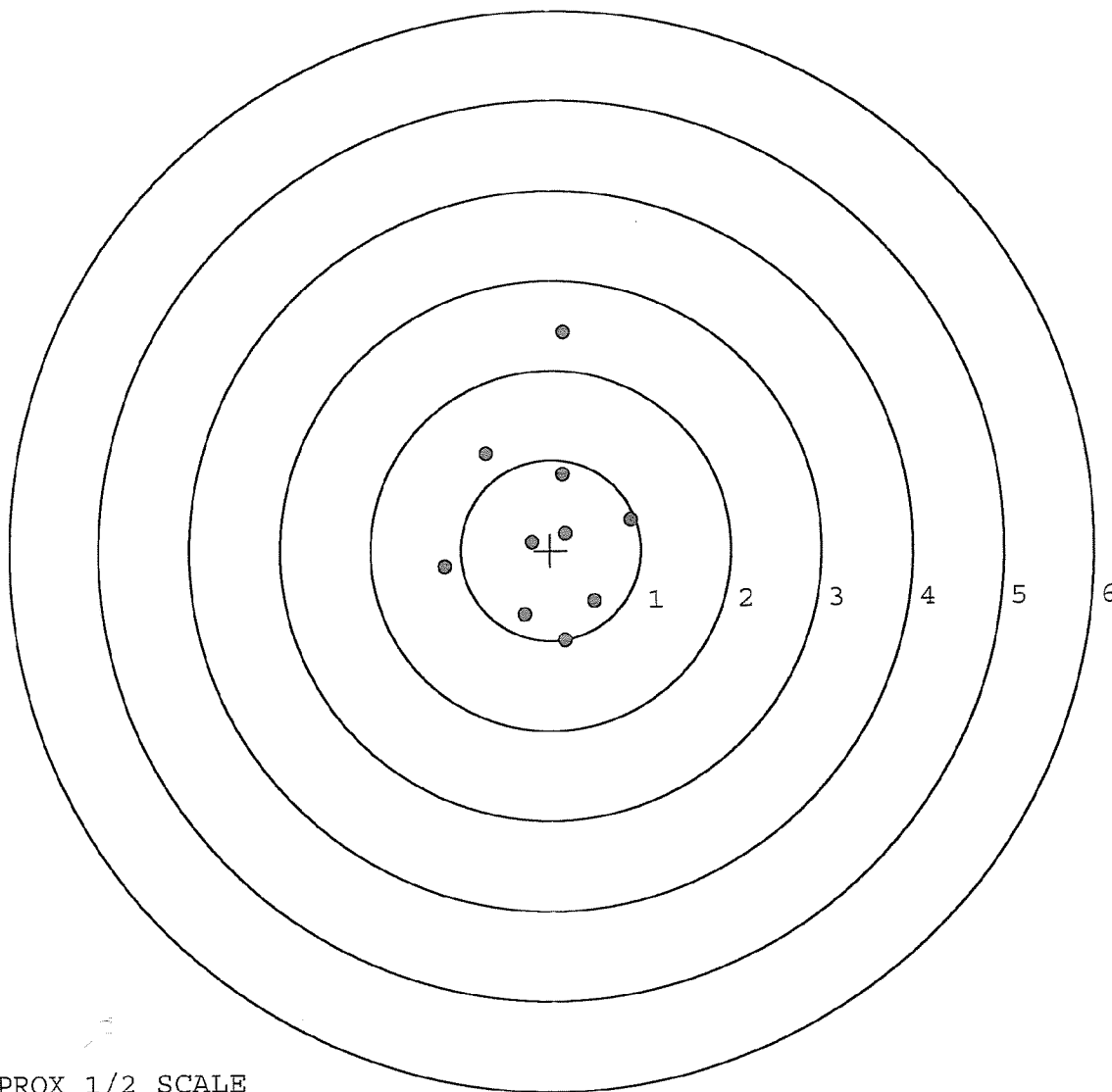
TARGET APPROX 1/2 SCALE

BARBER - M24 0085548

SERIAL NUMBER: G6577117. __0
 TARGET NUMBER: 3
 FILE DATE: 07/13/2006
 FILE TIME: 17:55

POINT#	X	Y
1:	0.486	-0.567
2:	0.156	-1.002
3:	-0.300	-0.715
4:	-1.177	-0.184
5:	-0.208	0.091
6:	0.161	0.185
7:	0.888	0.331
8:	0.137	0.834
9:	-0.714	1.067
10:	0.150	2.423

X CENTROID: -0.042
 Y CENTROID: 0.246
 POA TO CENTROID: 0.250
 HORZ SPREAD: 2.065
 VERT SPREAD: 3.425
 GROUP SPREAD: 3.425
 MIN RADIUS: 0.212
 MAX RADIUS: 2.185
 MEAN RADIUS: 0.968
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9

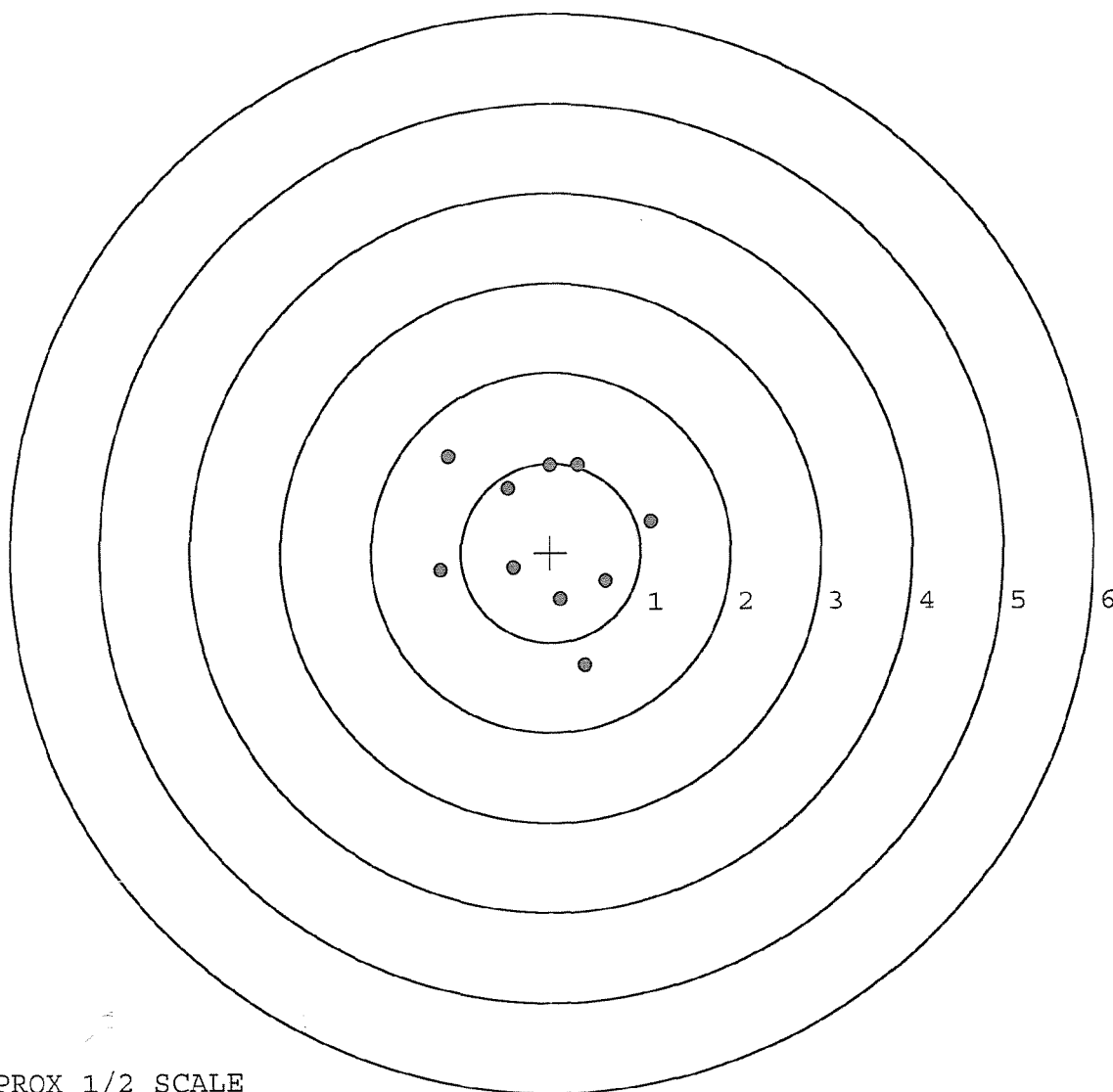


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577117. 0
 TARGET NUMBER: 4
 FILE DATE: 07/13/2006
 FILE TIME: 17:55

POINT#	X	Y
1:	-1.137	1.072
2:	-0.479	0.714
3:	-0.010	0.977
4:	0.303	0.984
5:	1.111	0.346
6:	0.609	-0.316
7:	0.109	-0.523
8:	-0.419	-0.168
9:	-1.225	-0.201
10:	0.386	-1.257

X CENTROID: -0.075
 Y CENTROID: 0.163
 POA TO CENTROID: 0.179
 HORZ SPREAD: 2.336
 VERT SPREAD: 2.329
 GROUP SPREAD: 2.783
 MIN RADIUS: 0.477
 MAX RADIUS: 1.493
 MEAN RADIUS: 0.972
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10



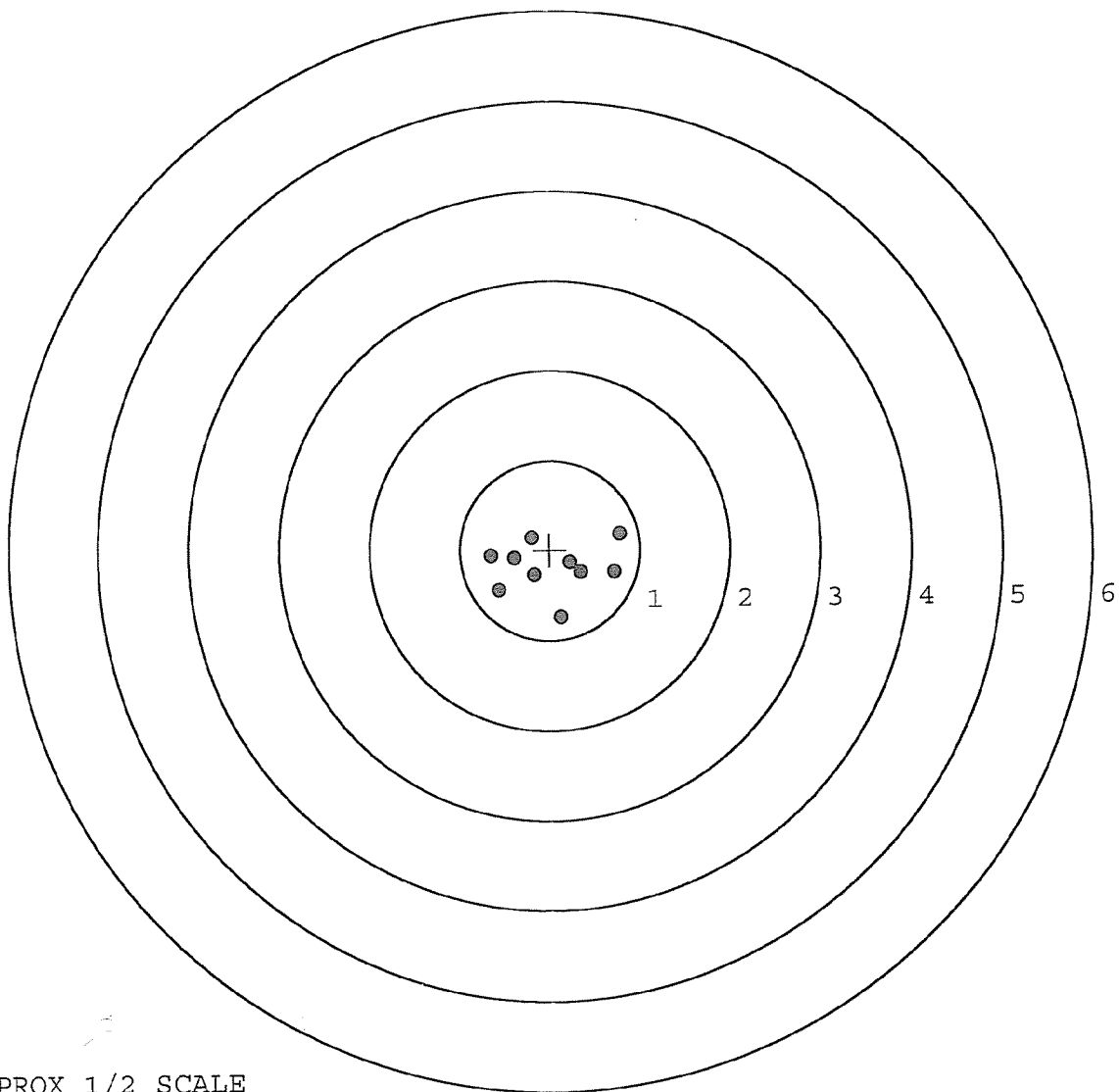
TARGET APPROX 1/2 SCALE

BARBER - M24 0085550

SERIAL NUMBER: G6577117. 0
 TARGET NUMBER: 5
 FILE DATE: 07/13/2006
 FILE TIME: 17:55

POINT#	X	Y
1:	-0.395	-0.100
2:	-0.654	-0.072
3:	-0.568	-0.451
4:	0.120	-0.748
5:	-0.176	-0.284
6:	0.341	-0.251
7:	0.715	-0.249
8:	0.778	0.178
9:	0.224	-0.143
10:	-0.205	0.137

X CENTROID: 0.018
 Y CENTROID: -0.198
 POA TO CENTROID: 0.199
 HORZ SPREAD: 1.432
 VERT SPREAD: 0.926
 GROUP SPREAD: 1.486
 MIN RADIUS: 0.212
 MAX RADIUS: 0.848
 MEAN RADIUS: 0.501
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	113221			
SERIAL NUMBER	606296202		G-6577117 (NEW)	
LOG-IN DATE	6-5-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		7-5-06	BLC
505	RE-BARREL		7-5-06	BLC
560	ASSEMBLE		7-5-06	BLC
600	PROOF		7-5-06	WTH
605	CHECK HEADSPACE		7-5-06	WTH
610	DIS-ASSEMBLE GUN		7-6-06	BLC
612	MAGNAFLUX		7/6/06	WTH
510	DRILL AND TAP		7-6-06	TRW
615	ROLLMARK CALIBER		7-7-06	CW
618	ROTO-BLAST		7-7-06	LB
620	APPLY COATINGS		7/7	HP
625	FINAL ASSEMBLY		7-11-06	RJL
640	FUNCTION TEST AND	PASS	7-13-06	WTH
650	TARGET	PASS	7-13-06	WTH
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		7-27-06	AC
	A) HEADSPACE	PASS	7-27-06	AC
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.76 2.81 2.83 2.76 2.76 7-14-06	DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	6.2 5.5 5.5 7-14-06	DA
	G) SAFETY OFF FORCE	2 LBS MIN	2.2 2.2 2.2 7-14-06	DA
	I) FIRING PIN INDENT	.020	.022 .023 .023 7-14-06	DA
690	PACK		8-1-06	DA

VERY IMPORTANT
Instruction Book
enclosed to assure
safe use of this
rifle.

Remington®

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

SERIAL NO.
G6296702

ORDER NO.
25716

DD

Made in Illinois, U.S.A. Reg. U.S. Pat. & Inv. Off. Patent Registered Perque Deposited.

09XX

5716 G6296702

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

UPC



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

UPC



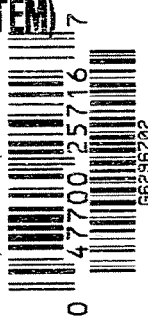
SERIAL NO.



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

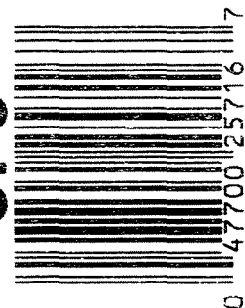
ORDER NO. **25716**

BARREL LENGTH 24"

CAPACITY 6

G6296702

UPC



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6296702

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		11-12-03	RTZ
600	PROOF		11-13-03	Ac
607	CHECK HEADSPACE	INSPECTED	11-13-03	Ac
610	DIS-ASSEMBLE GUN	NOV 17 2003	11-13-03	RTZ
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	OPERATOR <u>RS</u>		
615	ROLLMARK CALIBER		11-13-03	JB
617	DRILL AND TAP SIGHT HOLES		11-13-03	TRW
620	APPLY COATINGS (BARREL ACTION)			
	(BOLT)			
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		11/24/03	Rw
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		11/24/03	Rw
	C) INSPECT EJECTOR HOLE FOR CHAMFER		11/24/03	Rw
	D) OIL FIRING PIN ASSEMBLY		11/24/03	Rw
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS		

OP # BARBER M24 000985594			READINGS			DATE	INITIAL
625	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>7</u>	<u>7.5</u>	<u>7.5</u>	12/4/03	Ru
CONT.							
	G) SAFETY OFF FORCE	2 LBS MIN	<u>2.5</u>	<u>3</u>	<u>3</u>	12/4/03	Ru
	H) TRIGGER PULL TEST AND RETAINABILITY						
	I) FIRING PIN INDENT	.020 MIN	<u>.023</u>	<u>.0225</u>	<u>.023</u>	12/4/03	Ru
	J) ASSEMBLE STOCK					11/24/03	Ru
	K) ASSEMBLE SWIVEL STUDS					12-6-03	RJL
	L) ATTACH FRONT AND REAR SIGHT ASSY'S					11/24/03	Ru
	M) IRON SIGHT ALIGNMENT					11/24/03	Ru
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER					11/24/03	Ru
640	GALLERY TEST AND TARGET		PASS FAIL			12-2-03	C
	MALFUNCTION		CORRECTION			12-2-03	A
	MALFUNCTION		CORRECTION			12-2-03	A
	MALFUNCTION		CORRECTION			12-2-03	A
	MALFUNCTION		CORRECTION			12-2-03	A
645	INSPECT FOR LIVE AMMO					12-2-03	A
655	FINAL INSPECTION A) HEADSPACE					12-6-03	RJL
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.46</u>	<u>2.47</u>	<u>2.47</u>	12/3/03	Ru
	C) FUNCTION					12-6-03	RJL
660	PACK					12/8/03	RJA

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

BARBER - M24 0085556

SERIAL NO.

2.50 LBS (plus or minus 0.50 LBS)

DATE 11-13-03

3.00 LBS (plus or minus 0.75 LBS)

TESTER TRW

4.00 LBS (plus or minus 1.00 LBS)

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.62	2.15		2.49	
PULL #2	2.51	2.09		2.23	
PULL #3	2.44	2.06		2.50	
PULL #4	2.50	2.46		2.44	
PULL #5	2.60	2.12		2.52	
TOTAL	12.67	10.88		12.18	
AVERAGE	2.53	2.17		2.43	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.43	2.94		
PULL #2	3.13	3.29		
PULL #3	3.53	3.44		
PULL #4	3.10	3.45		
PULL #5	2.98	3.46		
TOTAL	16.17	16.58		
AVERAGE	3.23	3.31		

	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	3.95	4.22		4.41
PULL #2	4.35	4.01		4.54
PULL #3	4.23	4.01		3.79
PULL #4	4.40	3.90		4.11
PULL #5	4.25	3.85		4.10
TOTAL	21.18	19.99		20.95
AVERAGE	4.23	3.99		4.19

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6296702.___0
FILE DATE AND TIME: 12/02/2003 11:14

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

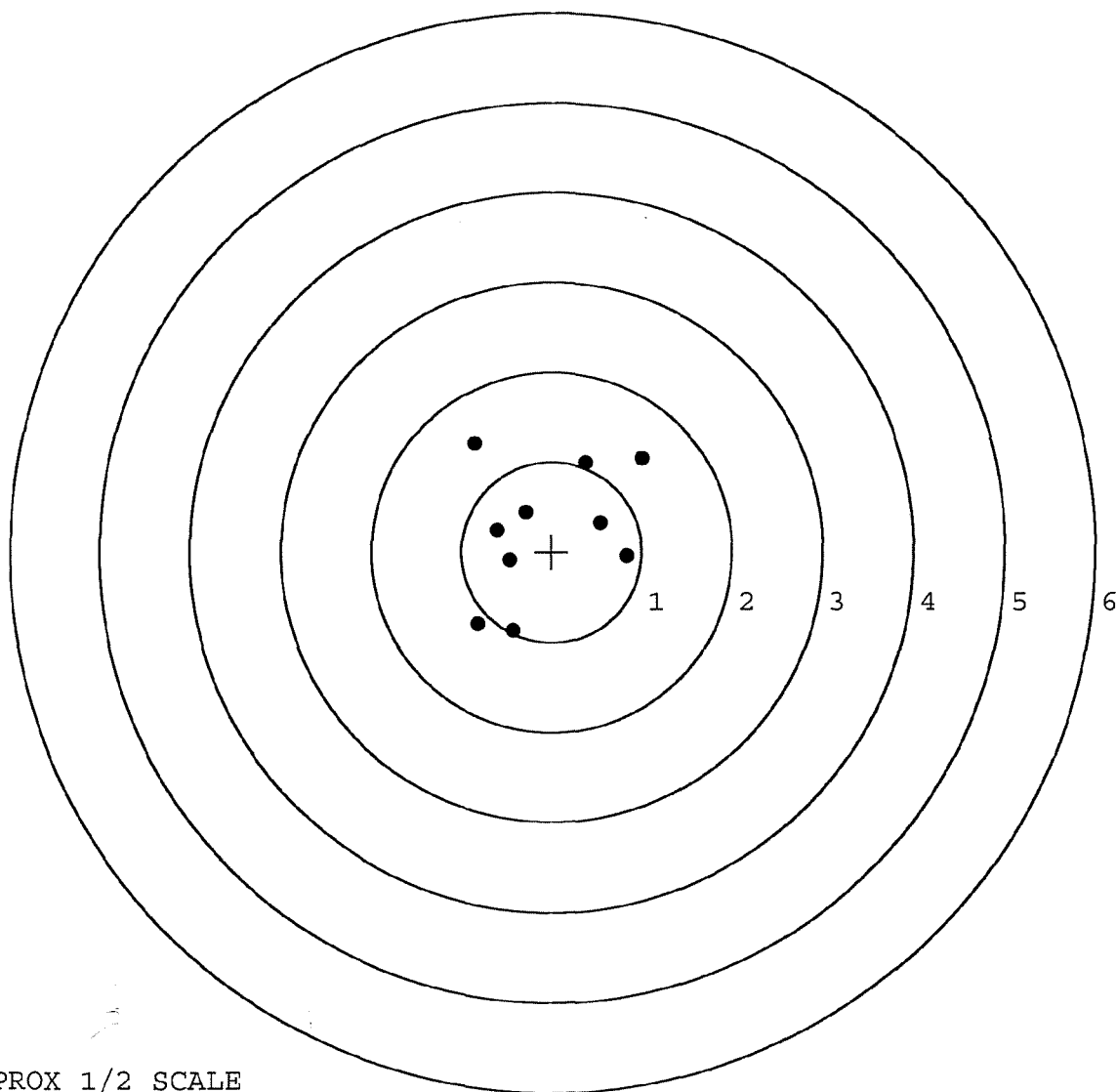
The Average X Centroid of the Five Target Set:	-0.058
The Average Y Centroid of the Five Target Set:	0.171
The Average Point of Impact of the Five Target Set:	0.181
The Average Mean Radius of the Five Target Set:	0.768
The Distance from POA to Centroid Target #1:	0.250
The Distance from Centroid Target #2 to Centroid Target #1:	0.199
The Distance from Centroid Target #3 to Centroid Target #1:	0.300
The Distance from Centroid Target #4 to Centroid Target #1:	0.048
The Distance from Centroid Target #5 to Centroid Target #1:	0.147

BARBER - M24 0085558

SERIAL NUMBER: G6296702. __0
 TARGET NUMBER: 1
 FILE DATE: 12/02/2003
 FILE TIME: 11:14

POINT#	X	Y
1:	-0.859	1.201
2:	0.379	0.989
3:	1.006	1.037
4:	0.534	0.321
5:	0.836	-0.053
6:	-0.288	0.435
7:	-0.610	0.237
8:	-0.465	-0.096
9:	-0.429	-0.880
10:	-0.826	-0.802

X CENTROID: -0.072
 Y CENTROID: 0.239
 POA TO CENTROID: 0.250
 HORZ SPREAD: 1.865
 VERT SPREAD: 2.081
 GROUP SPREAD: 2.596
 MIN RADIUS: 0.292
 MAX RADIUS: 1.341
 MEAN RADIUS: 0.883
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10



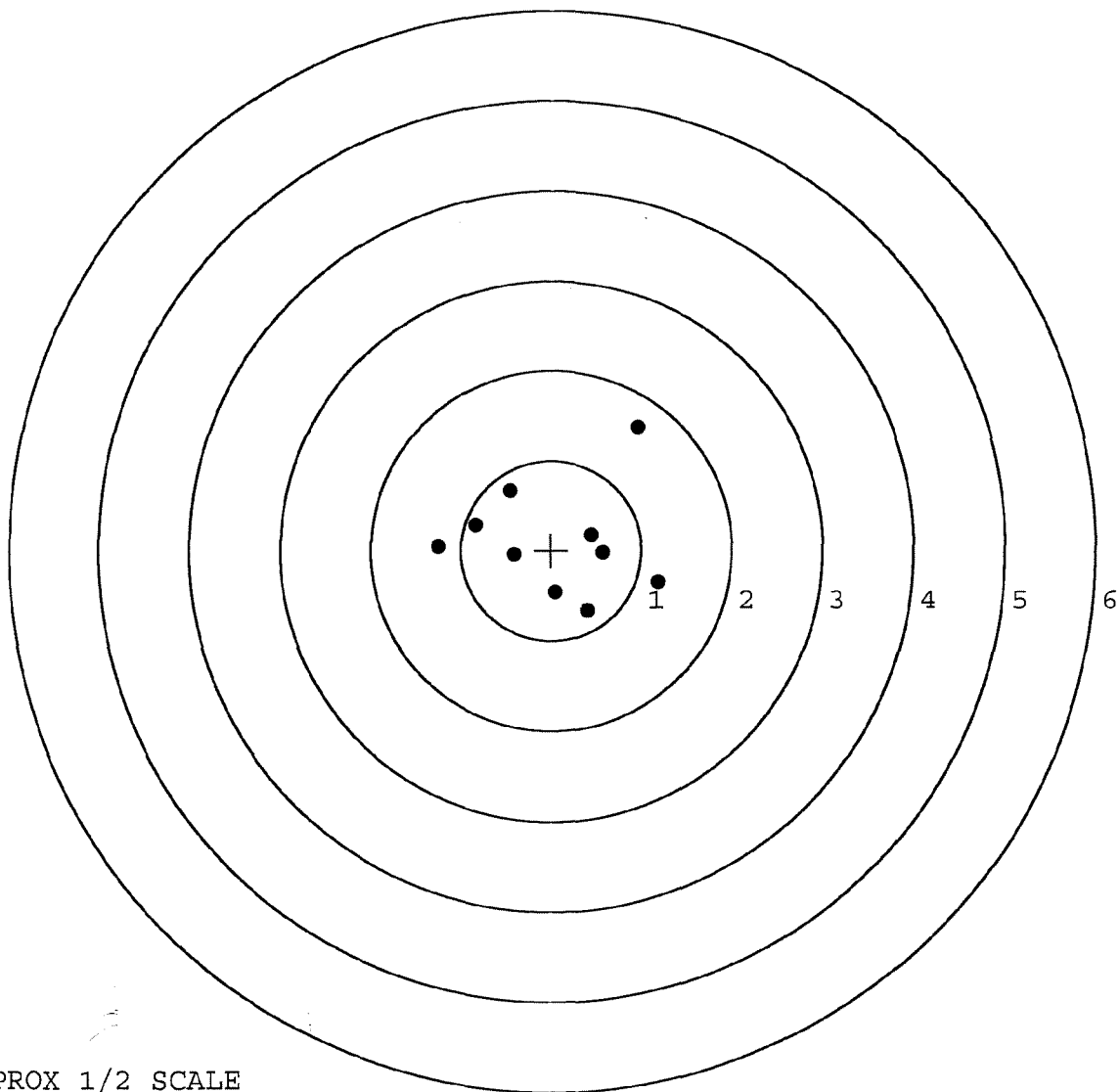
TARGET APPROX 1/2 SCALE

BARBER - M24 0085559

SERIAL NUMBER: G6296702. 0
 TARGET NUMBER: 2
 FILE DATE: 12/02/2003
 FILE TIME: 11:14

POINT#	X	Y
1:	0.957	1.369
2:	-0.456	0.665
3:	-0.842	0.283
4:	-1.248	0.034
5:	-0.410	-0.048
6:	0.444	0.176
7:	0.574	-0.022
8:	1.189	-0.356
9:	0.053	-0.471
10:	0.402	-0.672

X CENTROID: 0.066
 Y CENTROID: 0.096
 POA TO CENTROID: 0.117
 HORZ SPREAD: 2.437
 VERT SPREAD: 2.041
 GROUP SPREAD: 2.578
 MIN RADIUS: 0.386
 MAX RADIUS: 1.554
 MEAN RADIUS: 0.859
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0085560

SERIAL NUMBER: G6296702. 0

TARGET NUMBER: 3

FILE DATE: 12/02/2003

FILE TIME: 11:14

POINT#	X	Y
1:	-0.111	1.157
2:	0.243	0.677
3:	0.048	0.753
4:	-0.382	0.348
5:	0.001	-0.167
6:	-0.238	-0.375
7:	-1.028	-1.209
8:	0.218	-0.719
9:	0.130	-1.423
10:	-0.229	0.409

X CENTROID: -0.135

Y CENTROID: -0.055

POA TO CENTROID: 0.146

HORZ SPREAD: 1.271

VERT SPREAD: 2.580

GROUP SPREAD: 2.537

MIN RADIUS: 0.176

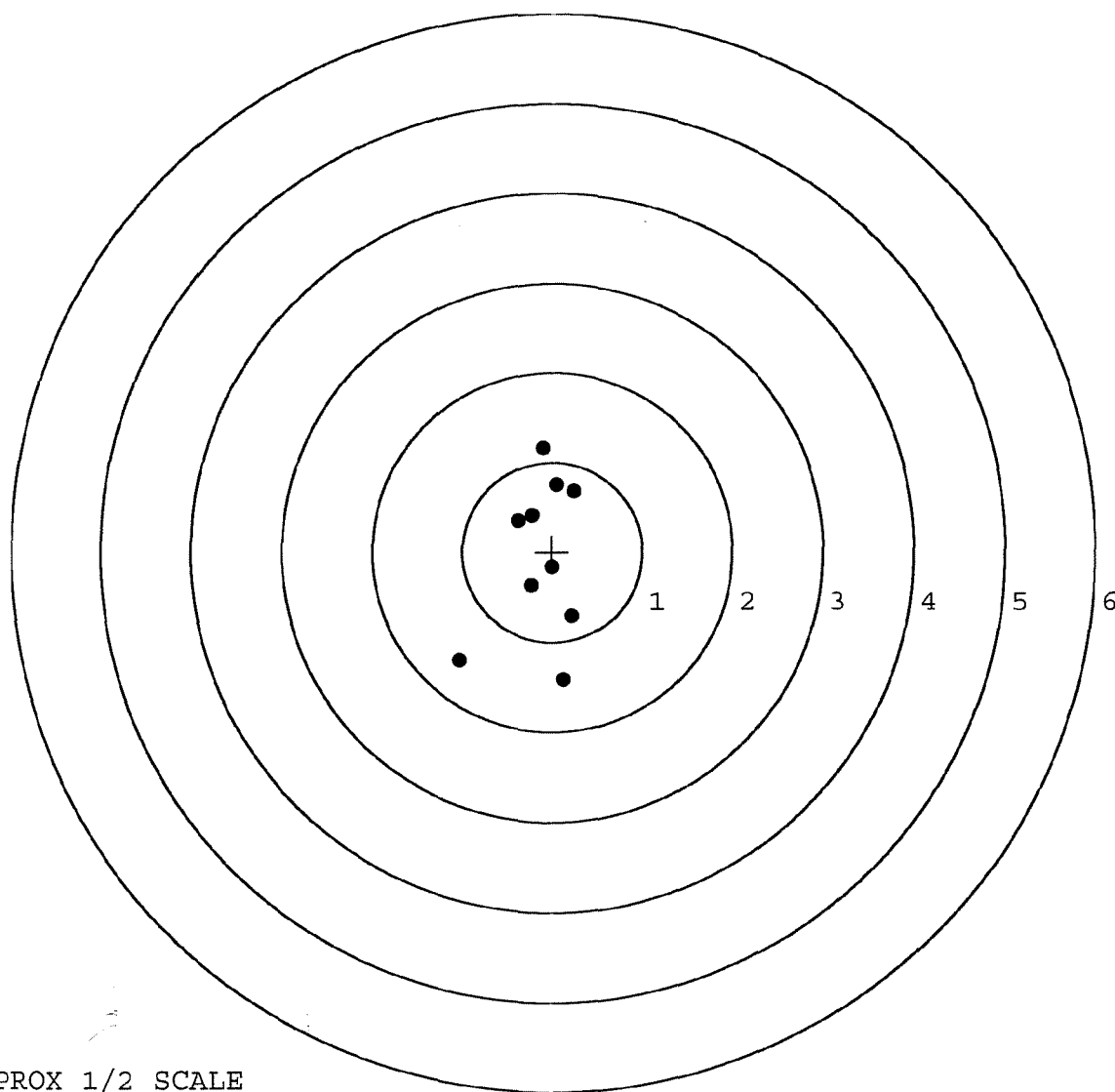
MAX RADIUS: 1.459

MEAN RADIUS: 0.793

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0085561

SERIAL NUMBER: G6296702. 0

TARGET NUMBER: 4

FILE DATE: 12/02/2003

FILE TIME: 11:14

POINT#	X	Y
1:	1.358	0.647
2:	-0.146	0.738
3:	-1.696	0.740
4:	0.317	0.479
5:	-0.044	0.393
6:	0.443	-0.044
7:	-0.434	-0.044
8:	-0.045	-0.611
9:	-0.278	-0.113
10:	-0.158	-0.276

X CENTROID: -0.068

Y CENTROID: 0.191

POA TO CENTROID: 0.203

HORZ SPREAD: 3.054

VERT SPREAD: 1.351

GROUP SPREAD: 3.055

MIN RADIUS: 0.204

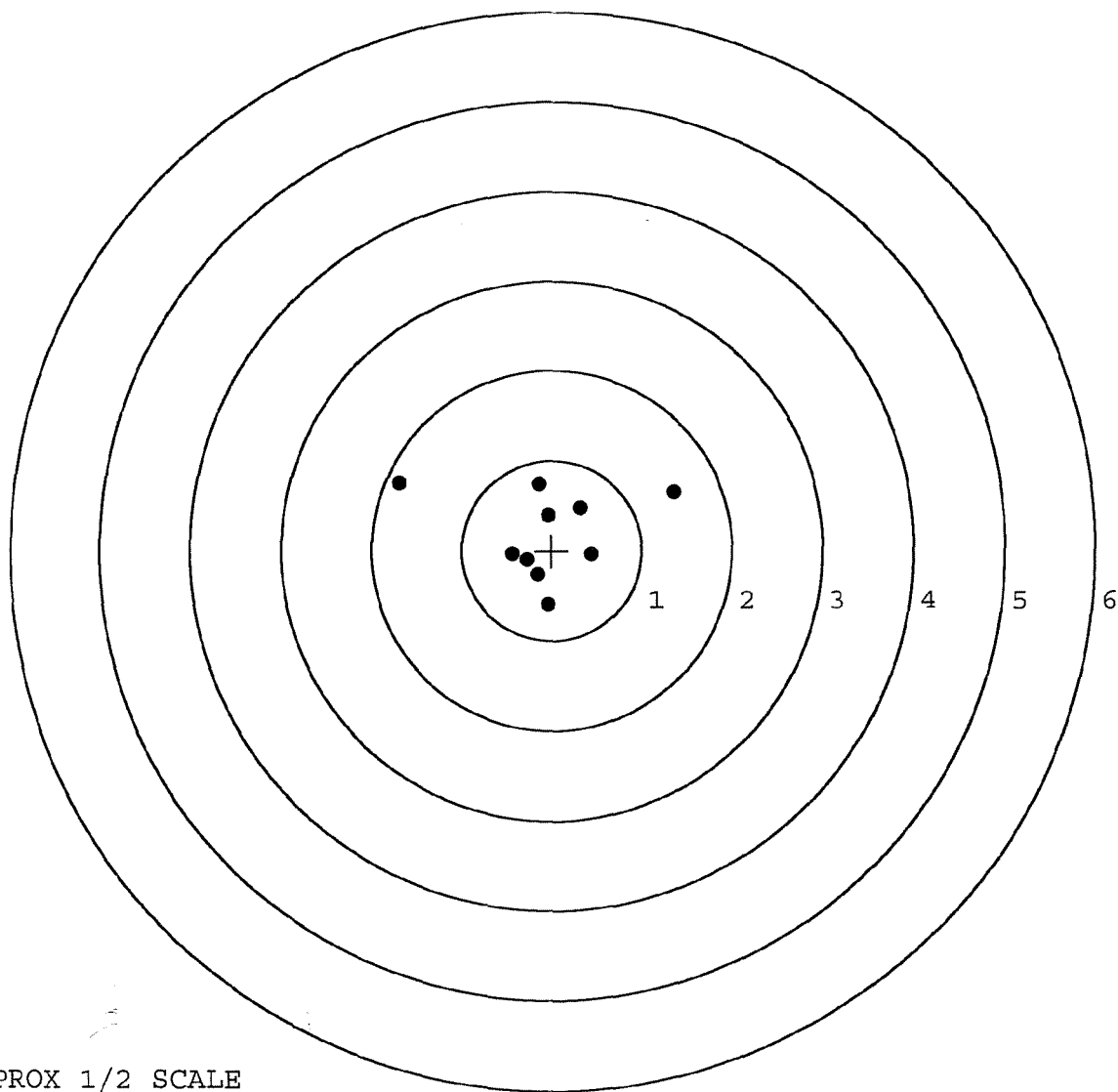
MAX RADIUS: 1.718

MEAN RADIUS: 0.710

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0085562

SERIAL NUMBER: G6296702. 0

TARGET NUMBER: 5

FILE DATE: 12/02/2003

FILE TIME: 11:14

POINT#	X	Y
1:	-0.714	1.113
2:	-0.425	0.867
3:	0.618	0.942
4:	0.705	0.502
5:	0.285	0.218
6:	-0.040	0.173
7:	-0.611	0.259
8:	-0.482	-0.074
9:	-0.183	-0.026
10:	0.054	-0.112

X CENTROID: -0.079

Y CENTROID: 0.386

POA TO CENTROID: 0.394

HORZ SPREAD: 1.419

VERT SPREAD: 1.225

GROUP SPREAD: 1.545

MIN RADIUS: 0.217

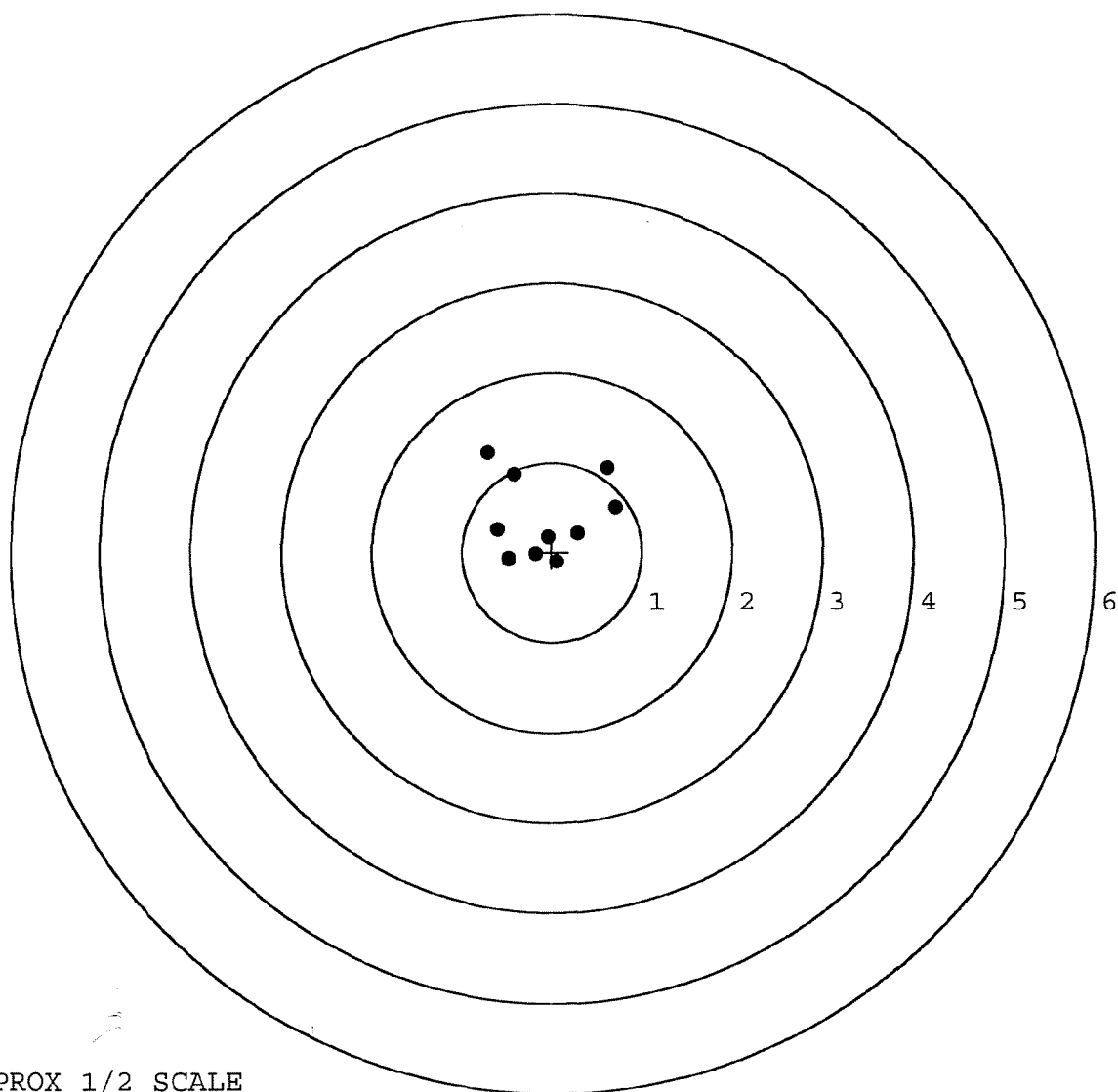
MAX RADIUS: 0.965

MEAN RADIUS: 0.596

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE