

G-653 5297

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



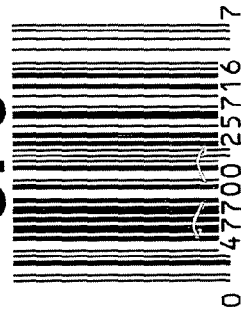
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6535297

UPC



ORDER 25716

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

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ORDER 25716

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

UPC



SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6535297

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	RP
440	PROOF	INSPECTED	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 <u>MMB</u>	8/24/06	<u>MMB</u>
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	TRB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9-5-06	RTZ
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9-5-06	RTZ
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9-5-06	RTZ
	D) OIL FIRING PIN ASSEMBLY		9-5-06	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		10/12/06	MMB

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>45</u> <u>50</u> <u>52</u>	9-7-06	RA
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>2.5</u> <u>2.5</u>	9-7-06	RA
	H) TRIGGER PULL TEST AND RETAINABILITY		10/12/00	mon
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.023</u> <u>.024</u>	9-7-06	RA
	J) ASSEMBLE STOCK		9-5-06	RR
	K) ASSEMBLE SWIVEL STUDS		10/12/00	mon
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		9-5-06	RR
	M) IRON SIGHT ALIGNMENT		9-5-06	RR
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		9-5-06	RR
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	9-5-06	PP, W.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		9-5-06	MTM
670	FINAL INSPECTION A) HEADSPACE		10/12/00	mon
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.30</u> <u>2.32</u> <u>2.34</u> <u>2.60</u> <u>2.54</u>	9-7-06	RA
	C) FUNCTION		10/12/00	mon
690	PACK		10-31-06	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 9-1-06

TESTER hth

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.49	2.51		2.50	
PULL #2	2.55	2.48		2.45	
PULL #3	2.54	2.51		2.54	
PULL #4	2.52	2.53		2.48	
PULL #5	2.51	2.43		2.55	
TOTAL	12.61	12.46		12.52	
AVERAGE	2.52	2.49		2.50	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	2.94	3.12		
PULL #2	2.99	3.10		
PULL #3	3.02	3.21		
PULL #4	2.96	3.22		
PULL #5	3.13	3.27		
TOTAL	15.04	15.92		
AVERAGE	3.01	3.18		

	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	4.01	3.94		3.93
PULL #2	4.09	4.13		3.95
PULL #3	3.89	4.15		4.09
PULL #4	4.23	4.18		3.99
PULL #5	4.14	4.13		4.01
TOTAL	20.36	20.53		19.97
AVERAGE	4.07	4.11		3.99

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6535297.___0

FILE DATE AND TIME: 09/05/2006 20:20

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.007
The Average Y Centroid of the Five Target Set:	-0.070
The Average Point of Impact of the Five Target Set:	0.070
The Average Mean Radius of the Five Target Set:	0.774
The Distance from POA to Centroid Target #1:	0.243
The Distance from Centroid Target #2 to Centroid Target #1:	0.265
The Distance from Centroid Target #3 to Centroid Target #1:	0.234
The Distance from Centroid Target #4 to Centroid Target #1:	0.295
The Distance from Centroid Target #5 to Centroid Target #1:	0.148

BARBER - M24 0090715

SERIAL NUMBER: G6535297. 0

TARGET NUMBER: 1

FILE DATE: 09/05/2006

FILE TIME: 20:20

POINT#	X	Y
1:	-0.448	1.030
2:	-1.191	0.352
3:	0.636	0.236
4:	0.200	0.236
5:	0.165	-0.113
6:	0.922	-0.676
7:	0.621	-0.492
8:	0.043	-2.096
9:	-0.167	-0.464
10:	-0.375	-0.404

X CENTROID: 0.041

Y CENTROID: -0.239

POA TO CENTROID: 0.243

HORZ SPREAD: 2.113

VERT SPREAD: 3.126

GROUP SPREAD: 3.164

MIN RADIUS: 0.177

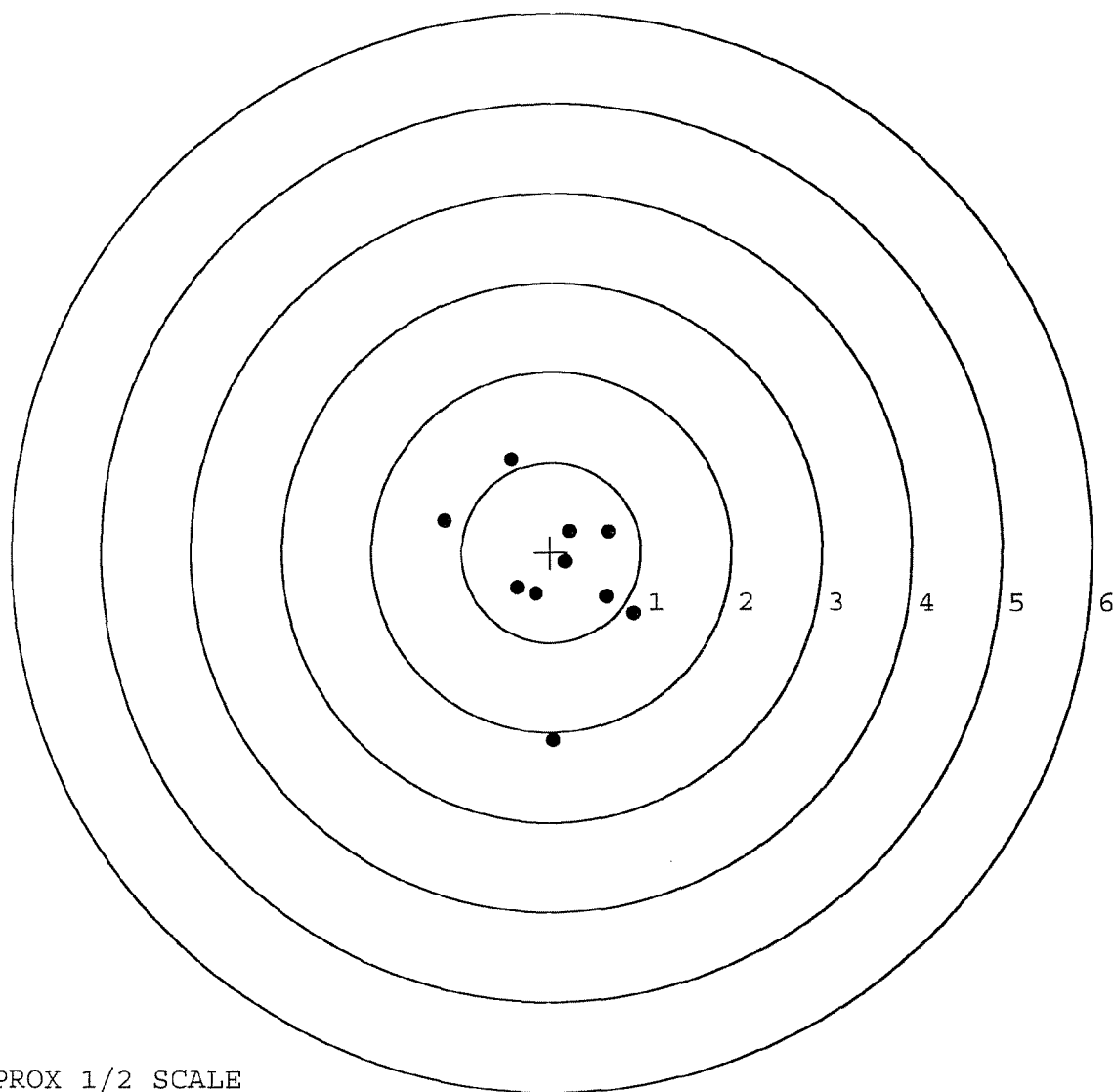
MAX RADIUS: 1.857

MEAN RADIUS: 0.839

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



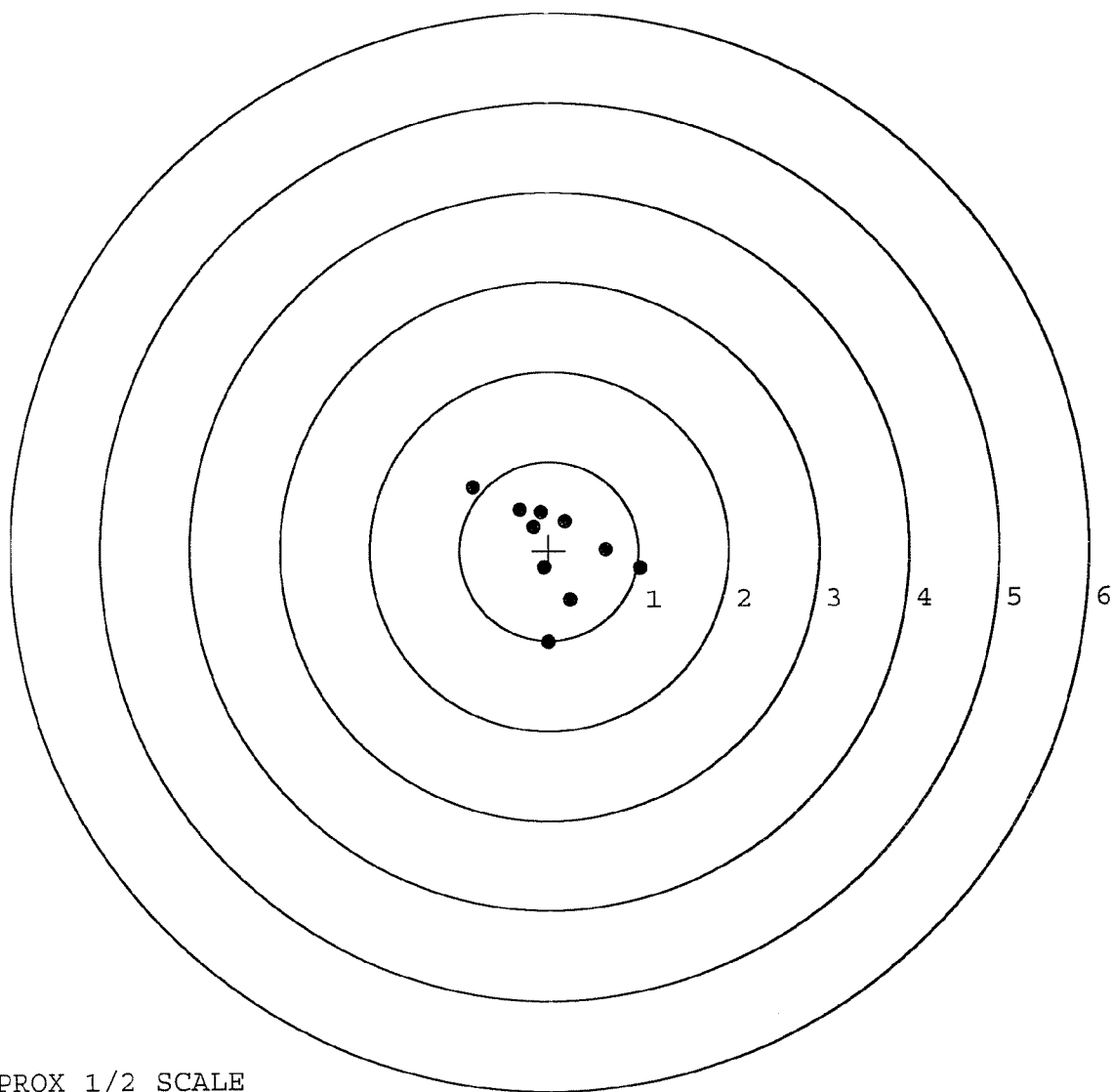
TARGET APPROX 1/2 SCALE

BARBER - M24 0090716

SERIAL NUMBER: G6535297. __0
 TARGET NUMBER: 2
 FILE DATE: 09/05/2006
 FILE TIME: 20:20

POINT#	X	Y
1:	-0.010	-1.023
2:	0.238	-0.558
3:	1.015	-0.203
4:	0.638	0.008
5:	-0.055	-0.190
6:	-0.853	0.719
7:	0.185	0.328
8:	-0.087	0.437
9:	-0.324	0.466
10:	-0.171	0.273

X CENTROID: 0.058
 Y CENTROID: 0.026
 POA TO CENTROID: 0.063
 HORZ SPREAD: 1.868
 VERT SPREAD: 1.742
 GROUP SPREAD: 2.083
 MIN RADIUS: 0.243
 MAX RADIUS: 1.144
 MEAN RADIUS: 0.630
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0090717

SERIAL NUMBER: G6535297. __0

TARGET NUMBER: 3

FILE DATE: 09/05/2006

FILE TIME: 20:20

POINT#	X	Y
1:	-0.460	0.994
2:	-0.636	0.239
3:	0.102	-0.985
4:	-0.329	-0.707
5:	0.040	-0.361
6:	0.625	-0.154
7:	0.749	0.175
8:	0.027	0.037
9:	0.143	0.280
10:	-0.083	0.416

X CENTROID: 0.018

Y CENTROID: -0.007

POA TO CENTROID: 0.019

HORZ SPREAD: 1.385

VERT SPREAD: 1.979

GROUP SPREAD: 2.057

MIN RADIUS: 0.045

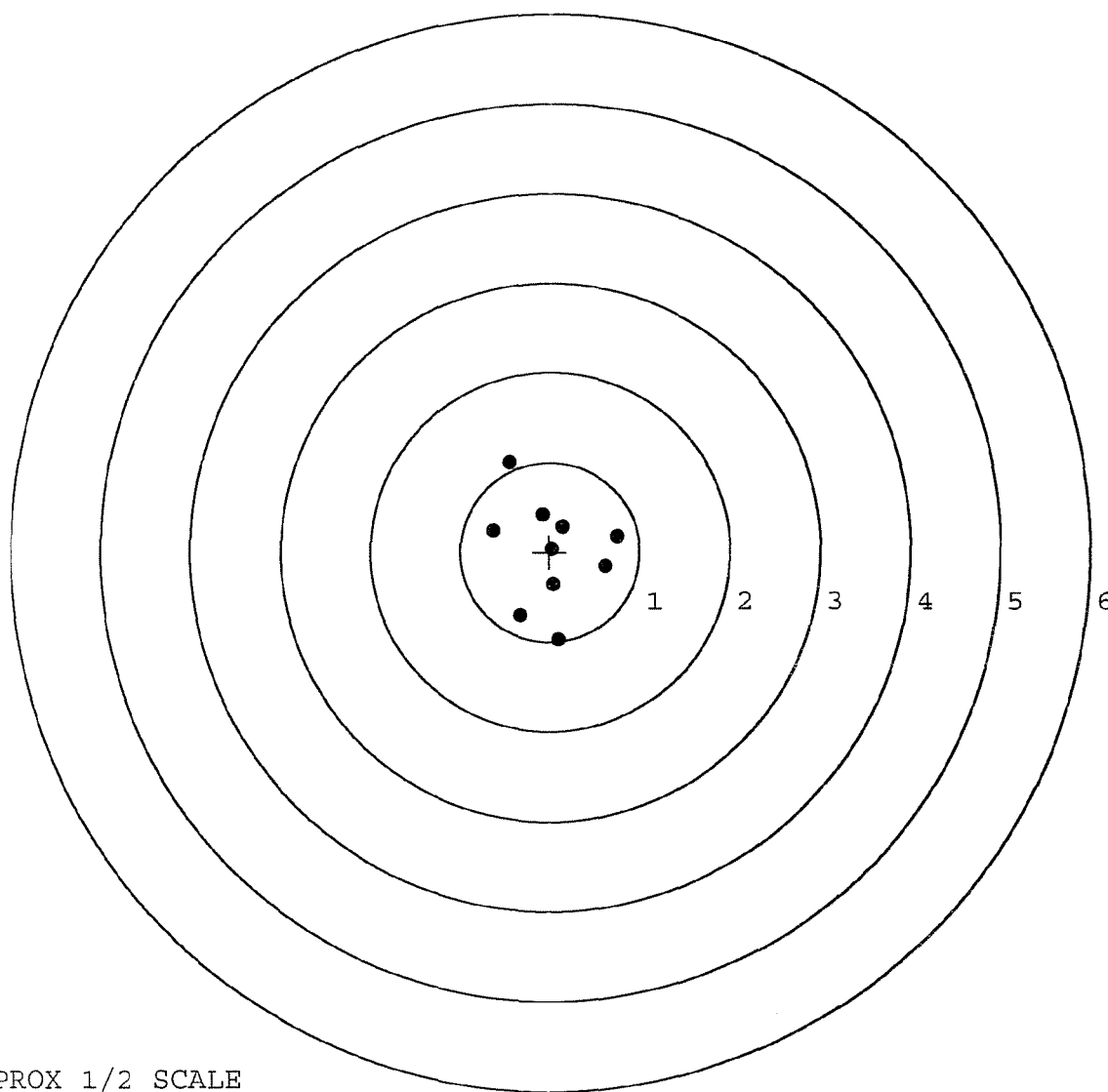
MAX RADIUS: 1.109

MEAN RADIUS: 0.610

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

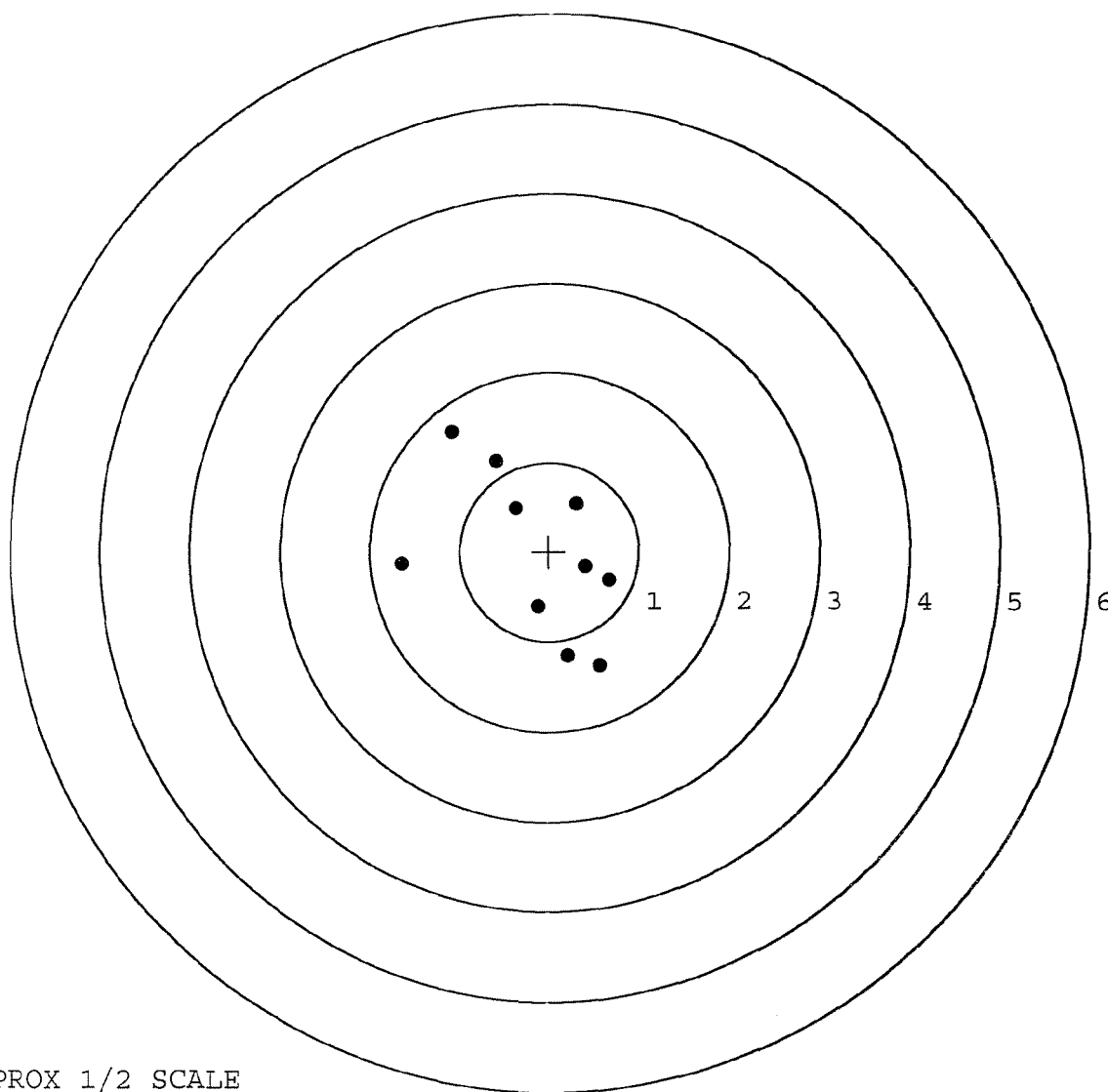
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0090718

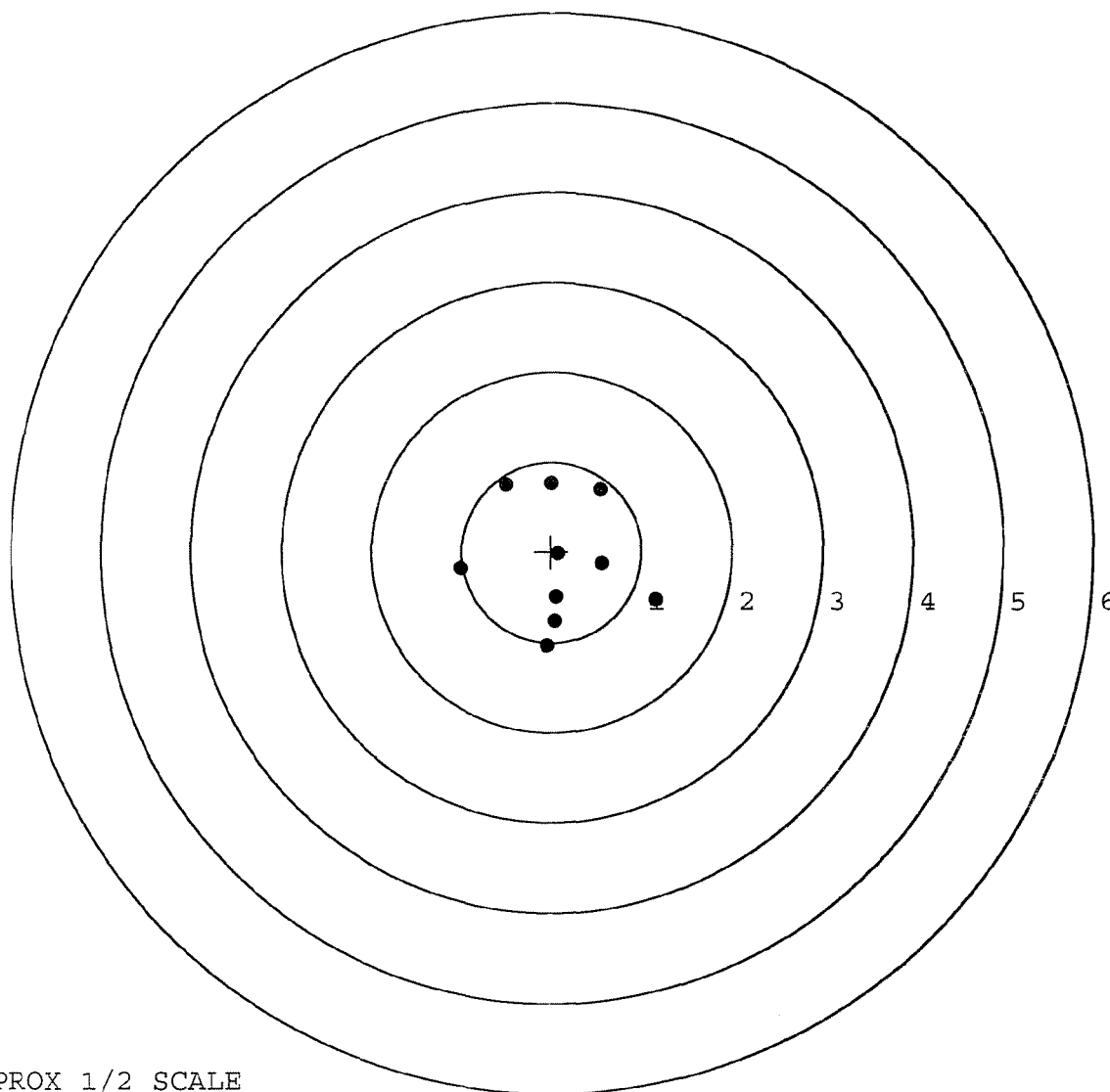
SERIAL NUMBER: G6535297. 0	POINT#	X	Y
TARGET NUMBER: 4	1:	-1.646	-0.151
FILE DATE: 09/05/2006	2:	-1.097	1.337
FILE TIME: 20:20	3:	-0.604	1.011
	4:	-0.378	0.485
X CENTROID: -0.169	5:	0.301	0.535
Y CENTROID: -0.031	6:	0.670	-0.319
POA TO CENTROID: 0.172	7:	0.404	-0.168
HORZ SPREAD: 2.316	8:	-0.124	-0.619
VERT SPREAD: 2.599	9:	0.571	-1.262
GROUP SPREAD: 3.088	10:	0.216	-1.161
MIN RADIUS: 0.557			
MAX RADIUS: 1.653			
MEAN RADIUS: 1.025			
# IN 1 IN DIAMETER: 0			
# IN 2 IN DIAMETER: 5			
# in 3 IN DIAMETER: 9			



TARGET APPROX 1/2 SCALE

BARBER - M24 0090719

SERIAL NUMBER: G6535297. 0	POINT#	X	Y
TARGET NUMBER: 5	1:	-1.008	-0.191
FILE DATE: 09/05/2006	2:	-0.053	-1.045
FILE TIME: 20:20	3:	0.043	-0.769
	4:	0.060	-0.506
X CENTROID: 0.087	5:	1.155	-0.537
Y CENTROID: -0.098	6:	0.561	-0.127
POA TO CENTROID: 0.132	7:	0.075	-0.021
HORZ SPREAD: 2.163	8:	0.542	0.694
VERT SPREAD: 1.811	9:	0.006	0.766
GROUP SPREAD: 2.190	10:	-0.507	0.753
MIN RADIUS: 0.078			
MAX RADIUS: 1.154			
MEAN RADIUS: 0.766			
# IN 1 IN DIAMETER: 3			
# IN 2 IN DIAMETER: 7			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE