

BARBER - M24 0085619

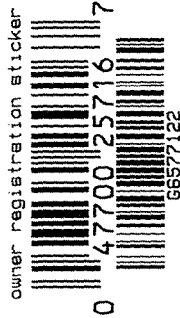
G6577122

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0085619
M240085658

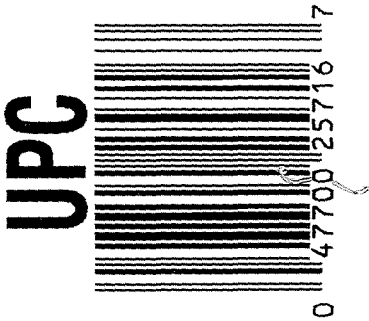
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

- INSTRUCTION BOOK 3518



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6577122



DD FORM

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.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6577122

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		6/21/06	BLG
420	ASSEMBLE ACTION		6/21/06	BLG
430	ASSEMBLE TO STOCK		6/22/06	BLG
440	PROOF		6/22/06	BLG
460	CHECK HEADSPACE		6/22/06	BLG
470	DIS-ASSEMBLE ACTION		6/22/06	BLG
480	MAGNAFLUX BBL ACTION		6/23/06	comd
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		6-22-06	CW
510	DRILL AND TAP SIGHT HOLES		6-22-06	TRW
520	GOFF BLAST BBL / REC		6-26-06	WB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		7/5/06	RB
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		7-6-06	L.P.D.
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		7-6-06	L.P.D.
	C) INSPECT EJECTOR HOLE FOR CHAMFER		7-6-06	L.P.D.
	D) OIL FIRING PIN ASSEMBLY		7-7-06	BLG
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		7-18-06	MTL

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OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>7.5</u> <u>7.2</u> <u>7.2</u>	7-11-06	RA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>5.2</u> <u>4.5</u> <u>5.5</u>	7-11-06	RA
	H) TRIGGER PULL TEST AND RETAINABILITY		7-18-06	MTM
	I) FIRING PIN INDENT .020 MIN	<u>1023</u> <u>.023</u> <u>.023</u>	7-11-06	RA
	J) ASSEMBLE STOCK		7-7-06	BLG
	K) ASSEMBLE SWIVEL STUDS		7-18-06	MTM
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		7-7-06	BLG
	M) IRON SIGHT ALIGNMENT		7-7-06	BLG
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		7-7-06	BLG
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	7-10-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		7-10-06	BD
670	FINAL INSPECTION A) HEADSPACE		7-18-06	MTM
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.64</u> <u>2.62</u> <u>2.82</u> <u>2.67</u> <u>2.79</u>	7-11-06	RA
	C) FUNCTION		7-18-06	MTM
690	PACK		10-28-06	RA

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BARBER - M24 ~~0085623~~ 0085662

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6577122.___0
FILE DATE AND TIME: 07/10/2006 08:00

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

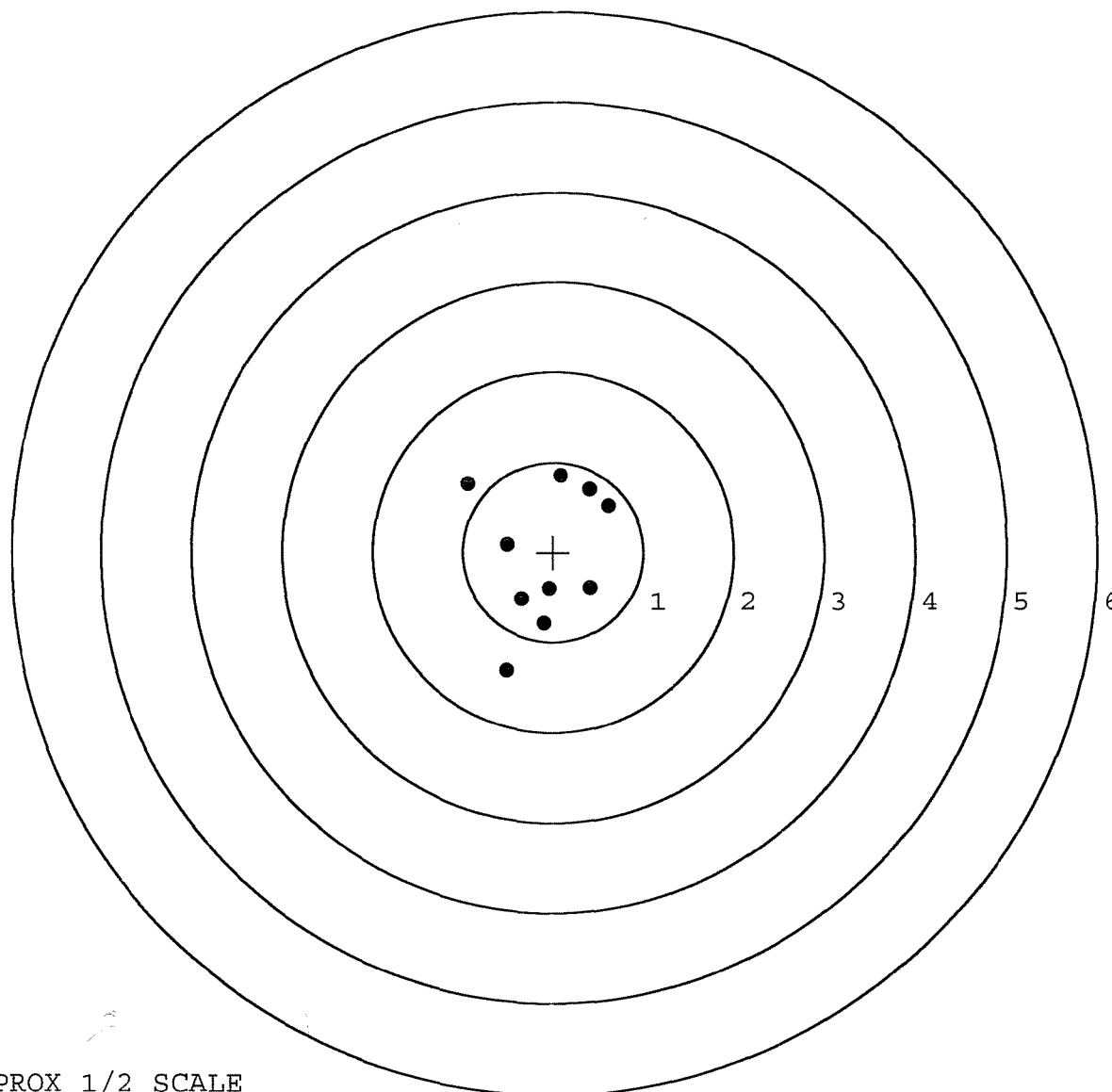
The Average X Centroid of the Five Target Set:	0.027
The Average Y Centroid of the Five Target Set:	-0.071
The Average Point of Impact of the Five Target Set:	0.076
The Average Mean Radius of the Five Target Set:	0.709
The Distance from POA to Centroid Target #1:	0.112
The Distance from Centroid Target #2 to Centroid Target #1:	0.185
The Distance from Centroid Target #3 to Centroid Target #1:	0.313
The Distance from Centroid Target #4 to Centroid Target #1:	0.089
The Distance from Centroid Target #5 to Centroid Target #1:	0.110

BARBER - M24 0085625

SERIAL NUMBER: G6577122. __0
TARGET NUMBER: 1
FILE DATE: 07/10/2006
FILE TIME: 08:00

POINT#	X	Y
1:	-0.516	-1.324
2:	0.613	0.520
3:	0.400	0.696
4:	0.085	0.853
5:	-0.953	0.758
6:	-0.511	0.081
7:	0.411	-0.404
8:	-0.101	-0.796
9:	-0.051	-0.413
10:	-0.352	-0.526

X CENTROID: -0.097
Y CENTROID: -0.056
POA TO CENTROID: 0.112
HORZ SPREAD: 1.566
VERT SPREAD: 2.177
GROUP SPREAD: 2.258
MIN RADIUS: 0.361
MAX RADIUS: 1.336
MEAN RADIUS: 0.795
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



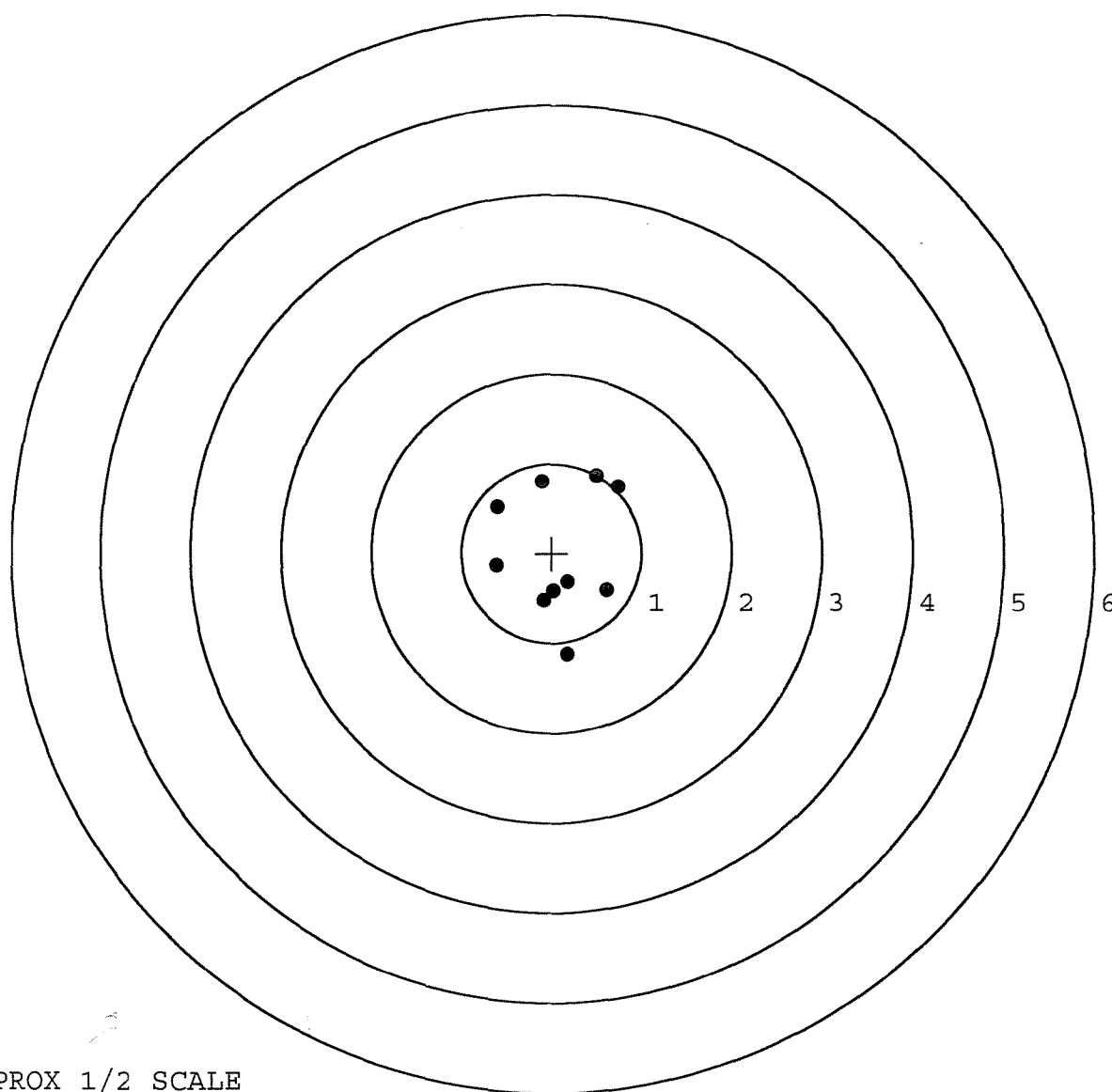
TARGET APPROX 1/2 SCALE

BARBER - M24 0085626

SERIAL NUMBER: G6577122. __0
TARGET NUMBER: 2
FILE DATE: 07/10/2006
FILE TIME: 08:00

X CENTROID: 0.081
Y CENTROID: -0.006
POA TO CENTROID: 0.081
HORZ SPREAD: 1.352
VERT SPREAD: 1.996
GROUP SPREAD: 2.020
MIN RADIUS: 0.330
MAX RADIUS: 1.131
MEAN RADIUS: 0.746
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.186	-1.132
2:	0.617	-0.415
3:	0.182	-0.320
4:	0.023	-0.424
5:	-0.089	-0.533
6:	-0.618	-0.144
7:	-0.608	0.507
8:	-0.119	0.795
9:	0.497	0.864
10:	0.734	0.741



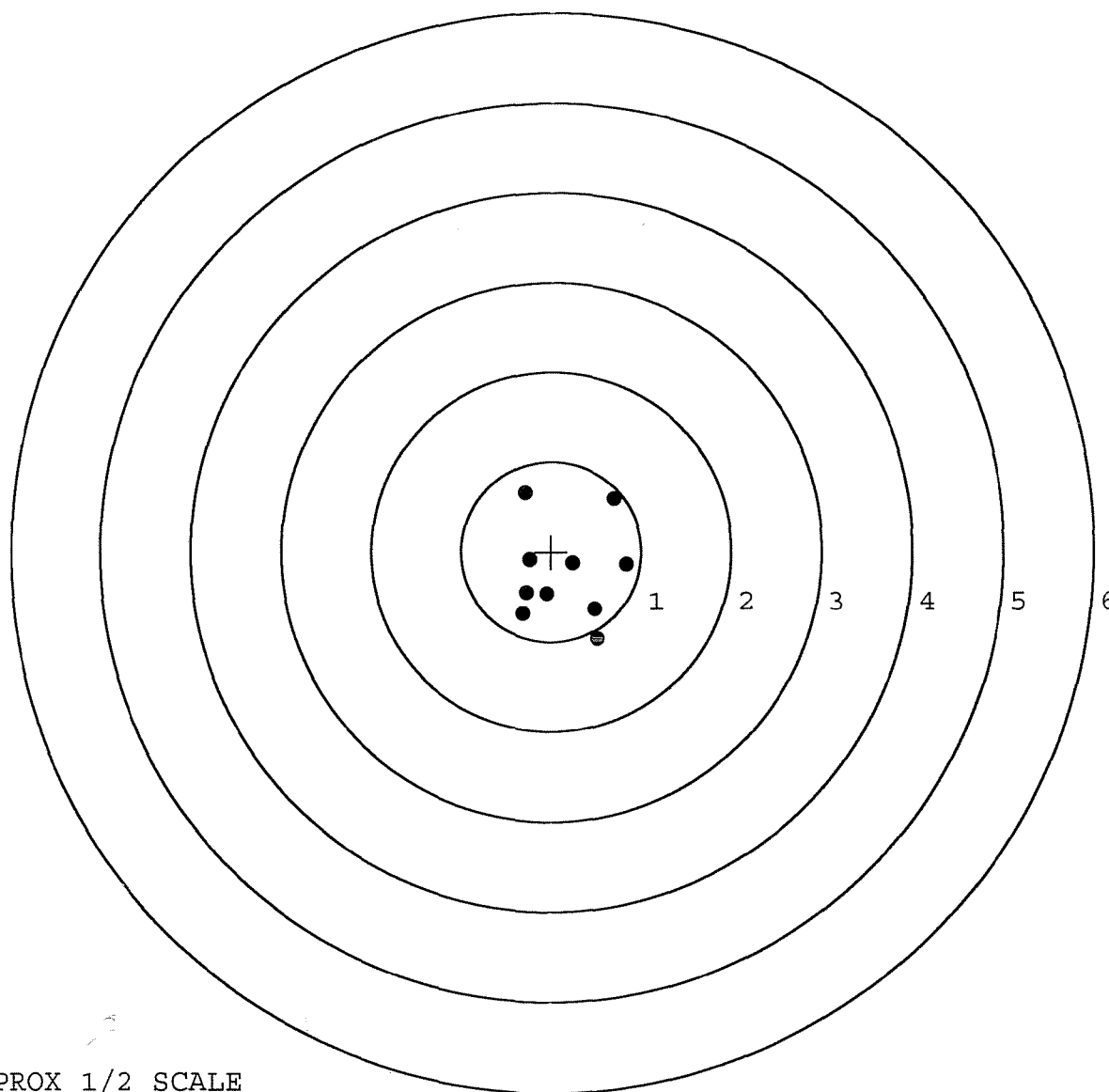
TARGET APPROX 1/2 SCALE

BARBER - M24 0085627

SERIAL NUMBER: G6577122. __0
TARGET NUMBER: 3
FILE DATE: 07/10/2006
FILE TIME: 08:00

POINT#	X	Y
1:	0.519	-0.967
2:	0.487	-0.639
3:	0.835	-0.141
4:	0.695	0.584
5:	-0.297	0.647
6:	-0.242	-0.090
7:	0.246	-0.131
8:	-0.059	-0.467
9:	-0.285	-0.460
10:	-0.314	-0.692

X CENTROID: 0.158
Y CENTROID: -0.236
POA TO CENTROID: 0.284
HORZ SPREAD: 1.149
VERT SPREAD: 1.614
GROUP SPREAD: 1.809
MIN RADIUS: 0.136
MAX RADIUS: 0.993
MEAN RADIUS: 0.603
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0085628

SERIAL NUMBER: G6577122. __0

TARGET NUMBER: 4

FILE DATE: 07/10/2006

FILE TIME: 08:00

POINT#	X	Y
1:	0.476	-1.215
2:	0.640	-0.844
3:	-0.005	-0.742
4:	0.036	-0.273
5:	-0.628	-0.380
6:	-0.193	1.477
7:	-0.489	0.363
8:	-0.180	0.541
9:	0.102	0.556
10:	0.075	0.342

X CENTROID: -0.017

Y CENTROID: -0.018

POA TO CENTROID: 0.024

HORZ SPREAD: 1.268

VERT SPREAD: 2.692

GROUP SPREAD: 2.774

MIN RADIUS: 0.261

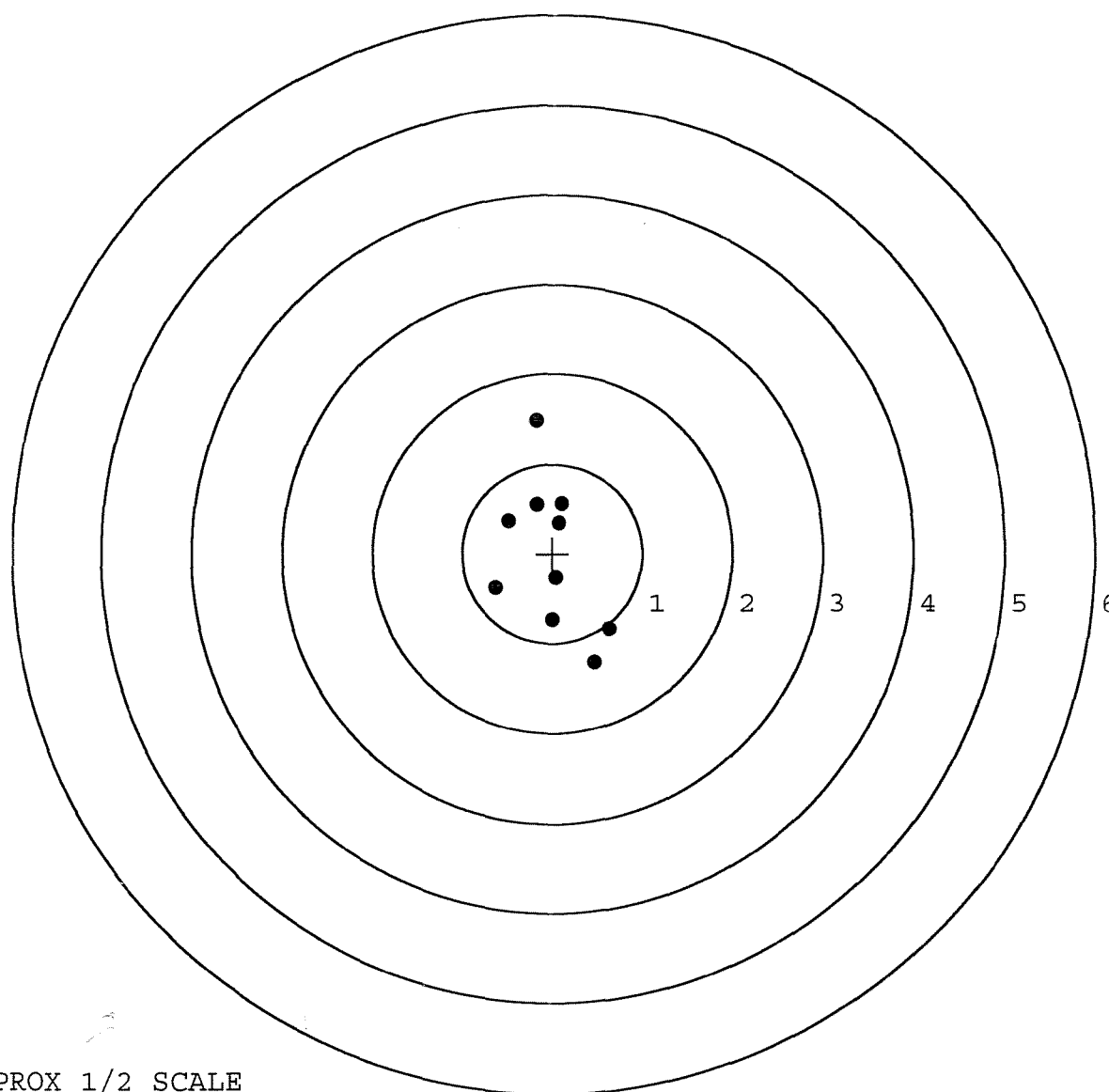
MAX RADIUS: 1.505

MEAN RADIUS: 0.770

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



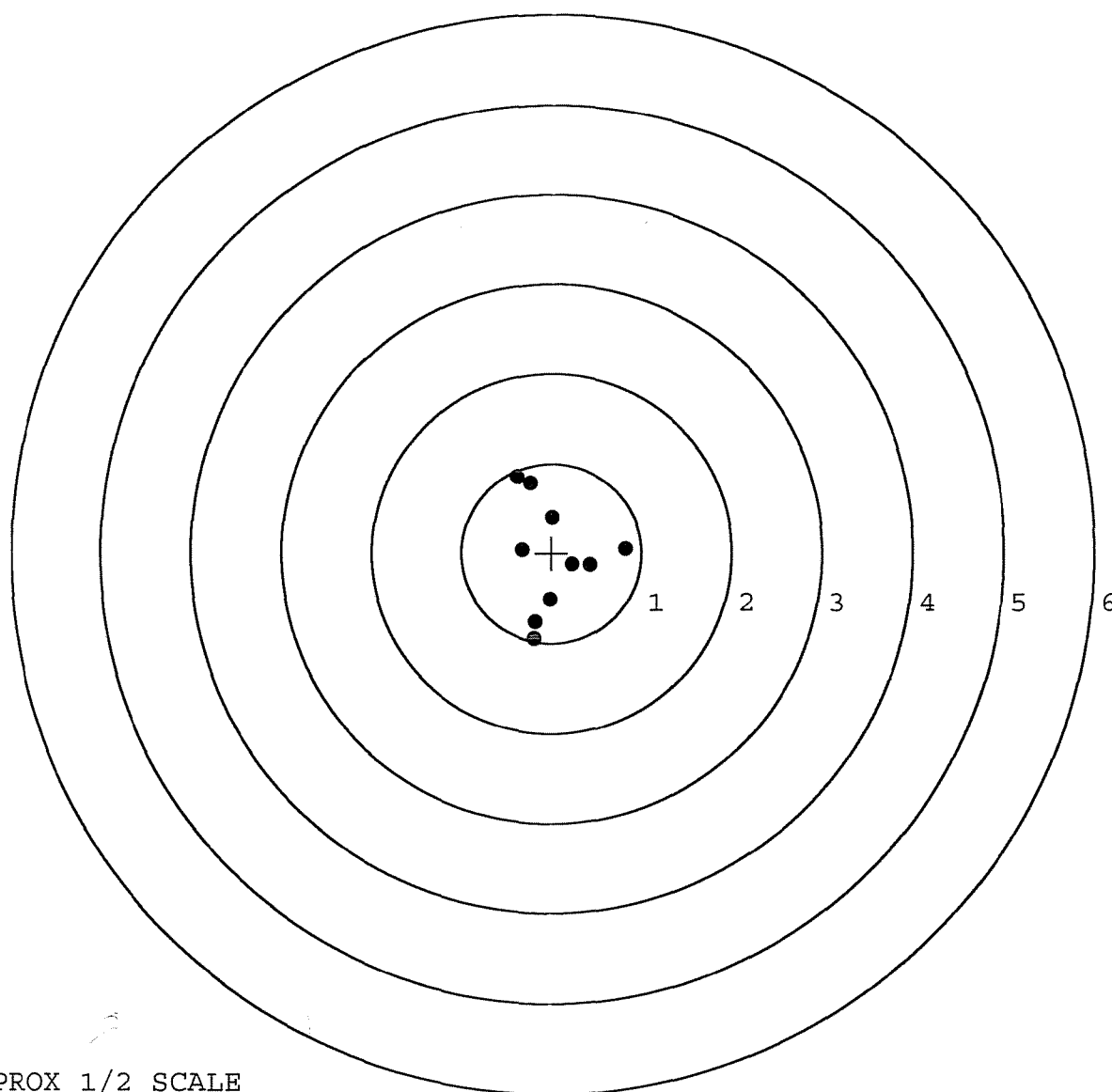
TARGET APPROX 1/2 SCALE

BARBER - M24 0085629

SERIAL NUMBER: G6577122. __0
TARGET NUMBER: 5
FILE DATE: 07/10/2006
FILE TIME: 08:00

X CENTROID: 0.012
Y CENTROID: -0.040
POA TO CENTROID: 0.042
HORZ SPREAD: 1.214
VERT SPREAD: 1.809
GROUP SPREAD: 1.819
MIN RADIUS: 0.235
MAX RADIUS: 0.976
MEAN RADIUS: 0.630
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.825	0.049
2:	0.430	-0.138
3:	0.230	-0.127
4:	-0.021	-0.526
5:	-0.186	-0.771
6:	-0.196	-0.959
7:	-0.331	0.036
8:	-0.002	0.398
9:	-0.389	0.850
10:	-0.242	0.784



TARGET APPROX 1/2 SCALE

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 6-16-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.56	2.60		2.59	
PULL #2	2.44	2.59		2.60	
PULL #3	2.52	2.59		2.61	
PULL #4	2.55	2.52		2.48	
PULL #5	2.56	2.62		2.53	
TOTAL	12.63	12.92		12.81	
AVERAGE	2.52	2.58		2.56	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.01	3.01		
PULL #2	3.11	2.98		
PULL #3	3.07	2.97		
PULL #4	3.07	2.97		
PULL #5	3.12	3.03		
TOTAL	15.38	14.96		
AVERAGE	3.07	2.99		

	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	3.99		4.12
PULL #2	4.14	4.12		4.24
PULL #3	4.06	3.92		4.03
PULL #4	4.04	3.93		4.26
PULL #5	4.06	3.88		4.17
TOTAL	20.31	19.84		20.82
AVERAGE	4.06	3.96		4.16

EVALUATION RECORD - M-24 TRIGGER ASSEMBLY

F005 REV 5/2006

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BARBER - M24 0085669