

G 659 0072

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



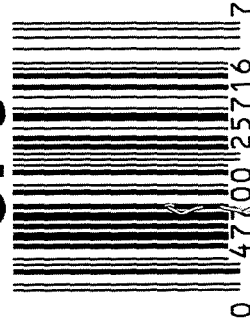
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6590072

UPC



ORDER 25716

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

UPC



0 47700 25716 7

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

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SERIAL NO.



66590072

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6590072

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		8-24-06	RTZ
420	ASSEMBLE ACTION		8-24-06	RTZ
430	ASSEMBLE TO STOCK		8-24-06	BD
440	PROOF		8-24-06	TRW
460	CHECK HEADSPACE	INSPECTED	8-24-06	TRW
470	DIS-ASSEMBLE ACTION	SEP 11 2006		
480	MAGNAFLUX BBL ACTION	OPERATOR <i>CW</i>	9/1/06	
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		9-1-06	CW
510	DRILL AND TAP SIGHT HOLES		9-1-06	TRW
520	GOFF BLAST BBL / REC		9-5-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		9/8/06	FB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9-11-06	AC
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9-11-06	AC
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9-11-06	AC
	D) OIL FIRING PIN ASSEMBLY		9-13-06	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS		

F004 REV 5/2006

OP #	OPERATION	READINGS	DATE	INITIALS
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>7 lbs</u> <u>7 lbs</u> <u>7 lbs</u>	9-27-06	mm
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>4 lbs</u> <u>4 lbs</u> <u>4 lbs</u>	9-27-06	mm
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.025</u> <u>.023</u> <u>.023</u>	9-27-06	mm
	J) ASSEMBLE STOCK		9-13-06	RTZ
	K) ASSEMBLE SWIVEL STUDS		10-6-06	L.P.D.
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		9-13-06	RTZ
	M) IRON SIGHT ALIGNMENT		9-13-06	RTZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		9-13-06	RTZ
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	9-13-06	L.P.D.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		9/13/06	MM
670	FINAL INSPECTION A) HEADSPACE		10-6-06	L.P.D.
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.29</u> <u>2.29</u> <u>2.21</u> <u>2.22</u> <u>2.16</u>	9-15-06	DA
	C) FUNCTION		10-6-06	L.P.D.
690	PACK		10-27-06	DA

F004 REV 5/2006

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

BARBER - M24 0164186

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590072.___0
FILE DATE AND TIME: 09/14/2006 05:33

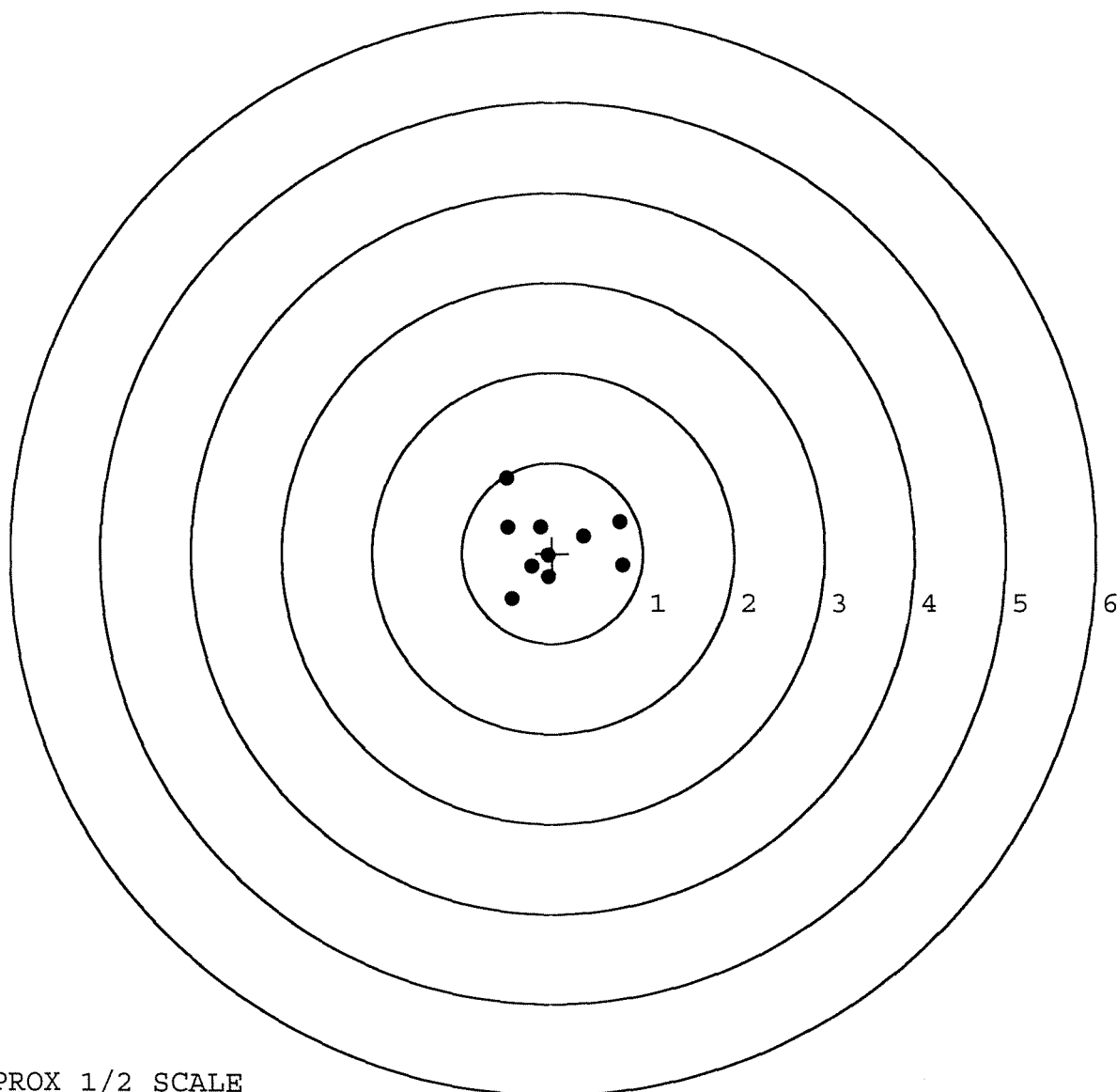
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.008
The Average Y Centroid of the Five Target Set:	0.021
The Average Point of Impact of the Five Target Set:	0.022
The Average Mean Radius of the Five Target Set:	0.552
The Distance from POA to Centroid Target #1:	0.087
The Distance from Centroid Target #2 to Centroid Target #1:	0.095
The Distance from Centroid Target #3 to Centroid Target #1:	0.018
The Distance from Centroid Target #4 to Centroid Target #1:	0.245
The Distance from Centroid Target #5 to Centroid Target #1:	0.087

SERIAL NUMBER: G6590072. 0
 TARGET NUMBER: 1
 FILE DATE: 09/14/2006
 FILE TIME: 05:33

X CENTROID: -0.005
 Y CENTROID: 0.087
 POA TO CENTROID: 0.087
 HORZ SPREAD: 1.289
 VERT SPREAD: 1.344
 GROUP SPREAD: 1.612
 MIN RADIUS: 0.117
 MAX RADIUS: 0.900
 MEAN RADIUS: 0.519
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.510	0.832
2:	-0.495	0.291
3:	-0.135	0.291
4:	-0.444	-0.512
5:	-0.232	-0.151
6:	-0.046	-0.264
7:	0.779	-0.136
8:	0.741	0.350
9:	0.348	0.189
10:	-0.052	-0.020

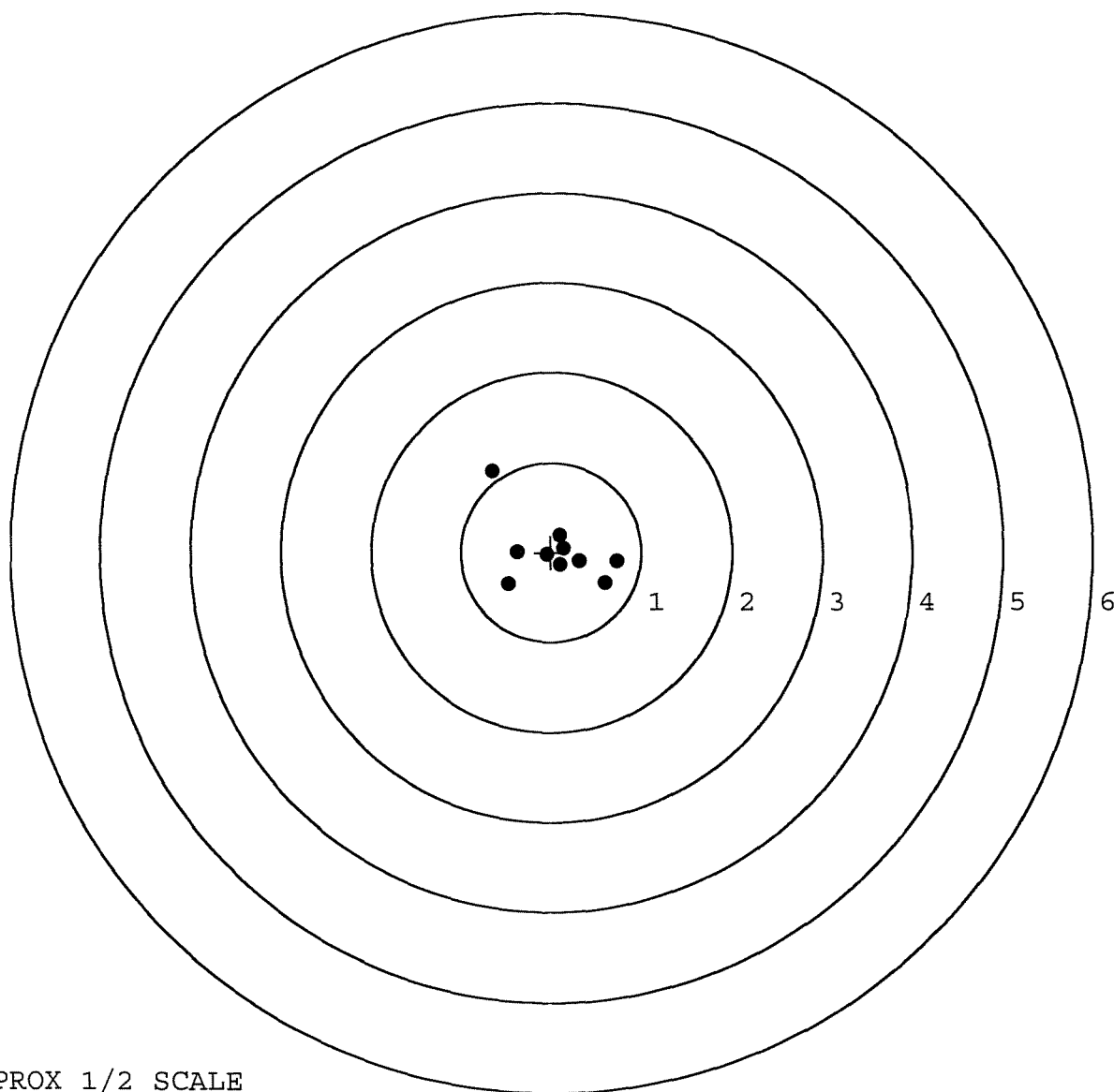


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590072. __0
 TARGET NUMBER: 2
 FILE DATE: 09/14/2006
 FILE TIME: 05:33

POINT#	X	Y
1:	-0.654	0.901
2:	0.727	-0.105
3:	0.600	-0.342
4:	-0.470	-0.359
5:	-0.376	0.002
6:	0.101	0.192
7:	0.318	-0.105
8:	0.100	-0.142
9:	-0.048	-0.032
10:	0.146	0.042

X CENTROID: 0.044
 Y CENTROID: 0.005
 POA TO CENTROID: 0.045
 HORZ SPREAD: 1.381
 VERT SPREAD: 1.260
 GROUP SPREAD: 1.766
 MIN RADIUS: 0.100
 MAX RADIUS: 1.136
 MEAN RADIUS: 0.439
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

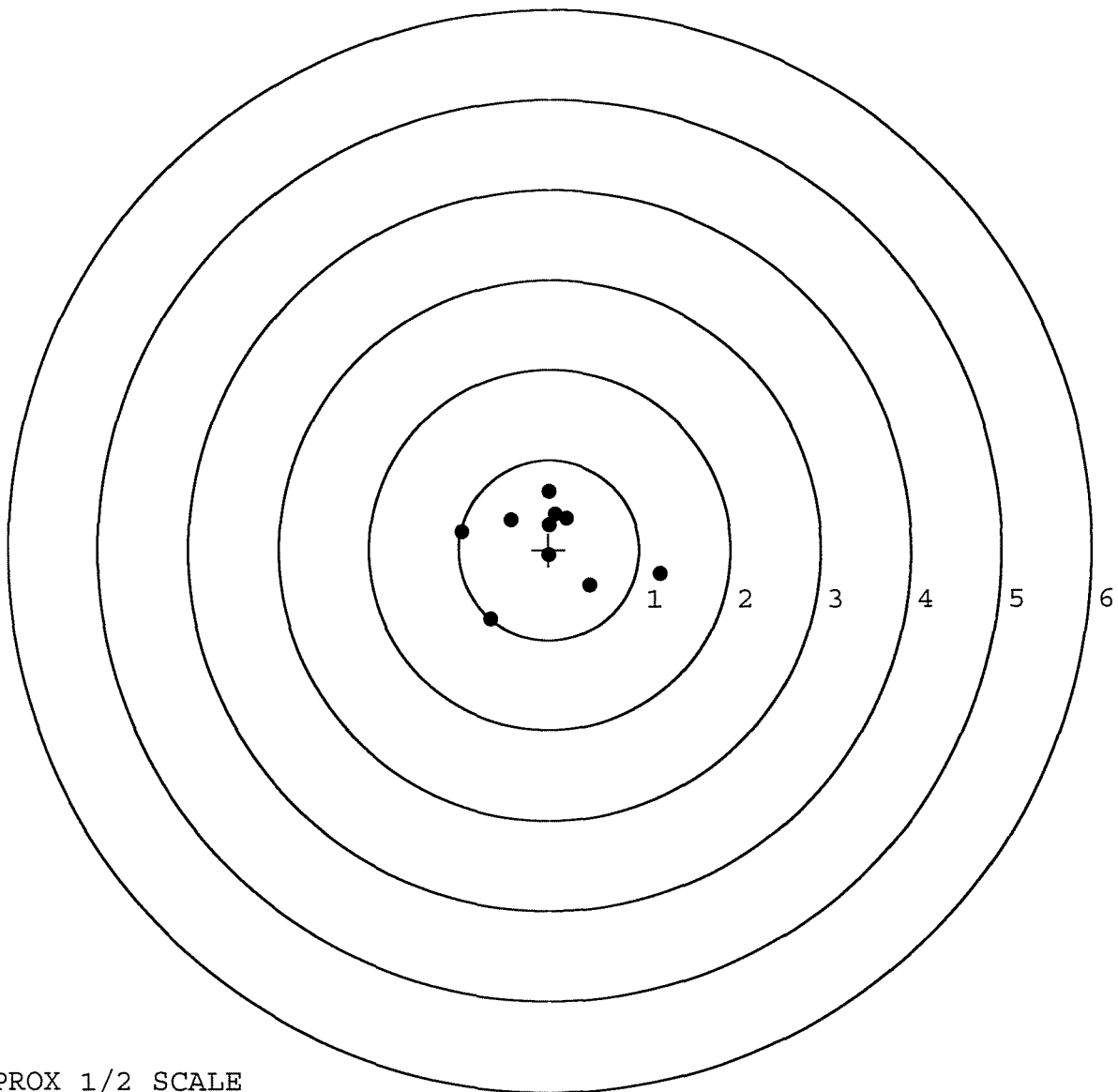


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590072. __0
 TARGET NUMBER: 3
 FILE DATE: 09/14/2006
 FILE TIME: 05:33

POINT#	X	Y
1:	-0.964	0.206
2:	-0.651	-0.769
3:	1.227	-0.276
4:	0.456	-0.395
5:	0.000	-0.066
6:	-0.426	0.337
7:	-0.006	0.648
8:	0.196	0.348
9:	-0.003	0.275
10:	0.070	0.394

X CENTROID: -0.010
 Y CENTROID: 0.070
 POA TO CENTROID: 0.071
 HORZ SPREAD: 2.191
 VERT SPREAD: 1.417
 GROUP SPREAD: 2.243
 MIN RADIUS: 0.137
 MAX RADIUS: 1.285
 MEAN RADIUS: 0.606
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

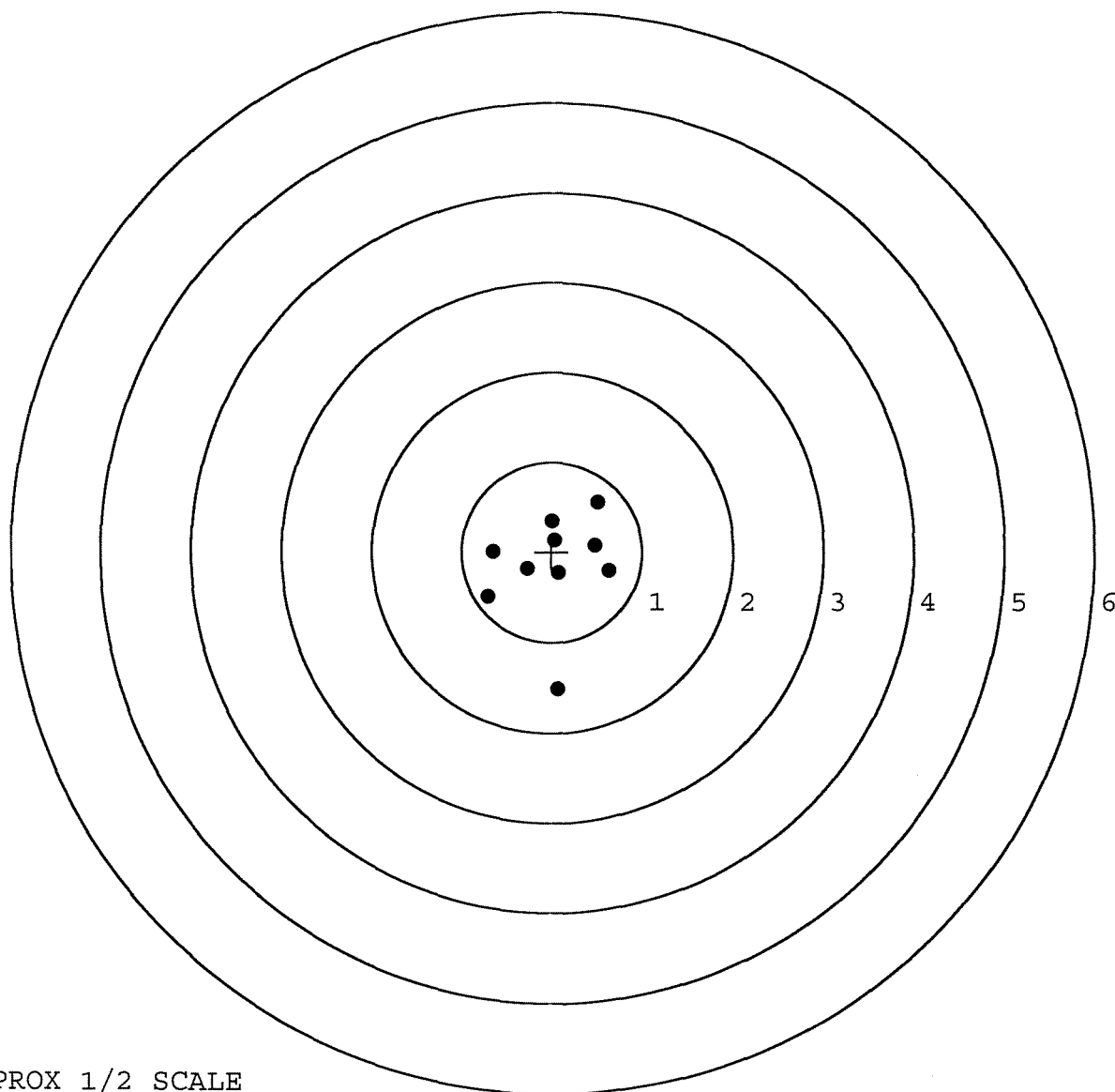


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590072. __0
 TARGET NUMBER: 4
 FILE DATE: 09/14/2006
 FILE TIME: 05:33

POINT#	X	Y
1:	0.077	-1.525
2:	0.513	0.557
3:	0.482	0.074
4:	0.640	-0.209
5:	-0.701	-0.506
6:	-0.652	-0.003
7:	0.078	-0.238
8:	-0.270	-0.190
9:	-0.003	0.345
10:	0.035	0.127

X CENTROID: 0.020
 Y CENTROID: -0.157
 POA TO CENTROID: 0.158
 HORZ SPREAD: 1.341
 VERT SPREAD: 2.082
 GROUP SPREAD: 2.127
 MIN RADIUS: 0.100
 MAX RADIUS: 1.369
 MEAN RADIUS: 0.604
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590072. __0

TARGET NUMBER: 5

FILE DATE: 09/14/2006

FILE TIME: 05:33

POINT#	X	Y
1:	-0.831	0.687
2:	0.467	-0.765
3:	0.871	-0.197
4:	0.523	0.066
5:	-0.444	-0.309
6:	0.007	0.470
7:	-0.230	0.207
8:	-0.456	0.347
9:	-0.659	0.168
10:	-0.157	0.312

X CENTROID: -0.091

Y CENTROID: 0.099

POA TO CENTROID: 0.134

HORZ SPREAD: 1.702

VERT SPREAD: 1.452

GROUP SPREAD: 1.948

MIN RADIUS: 0.176

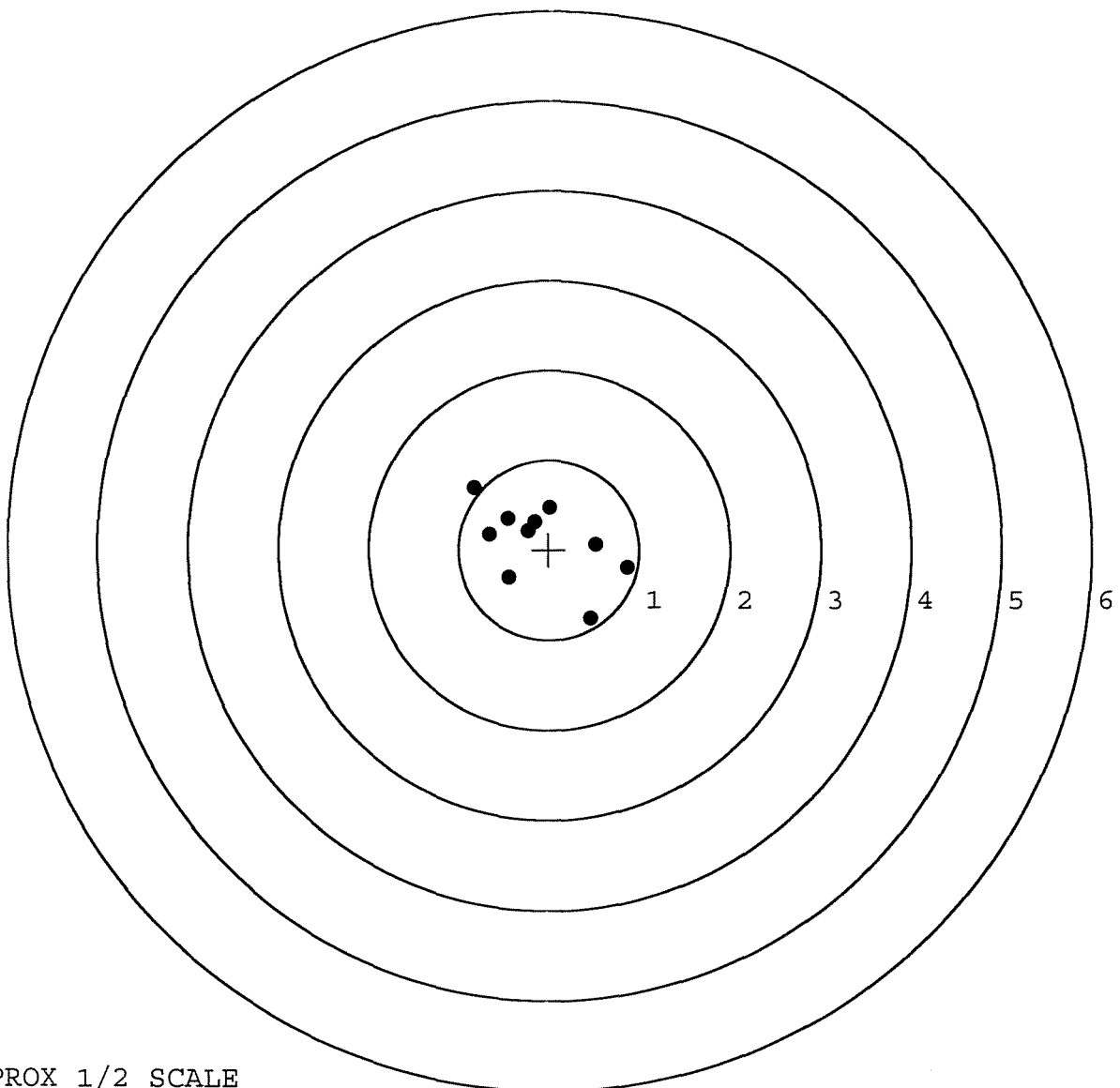
MAX RADIUS: 1.028

MEAN RADIUS: 0.593

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



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 9.12.06

TESTER MJL

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.31	2.48		2.39	
PULL #2	2.49	2.37		2.44	
PULL #3	2.43	2.27		2.34	
PULL #4	2.29	2.23		2.39	
PULL #5	2.29	2.20		2.63	
TOTAL	11.81	11.55		12.19	
AVERAGE	2.36	2.31		2.44	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.00	3.12		
PULL #2	3.01	3.13		
PULL #3	3.07	2.94		
PULL #4	2.98	3.07		
PULL #5	3.13	3.10		
TOTAL	15.19	15.36		
AVERAGE	3.04	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	3.93	4.06		3.90
PULL #2	3.84	4.11		3.86
PULL #3	4.22	4.20		3.80
PULL #4	4.15	4.26		4.16
PULL #5	4.03	4.25		3.82
TOTAL	20.17	20.88		19.54
AVERAGE	4.03	4.18		3.91