

G-6300 527

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00111039** Serial: **G6300527** Model **M24 SWS** Center Fire
 Verify Repair: **High Priority** Caliber: **7.62 NATO** Repairman: _____ Status: **Closed 4/12/2006 1:37:38 PM**

Address Information

Customer: _____ Received From: _____ Return To: _____ Received From: _____
 Name: **60 AERIAL PORT SQD, TRTCD**
 Address 1: **TRAFFIC MANAGEMENT OFFICE**
 Address 2: **BLDG 977 90 RAGSDALE ST** PO Box: _____
 City: **TRAVIS AFB**
 State: **CA** Zip Code: **94535** Country: **US**

FEL: _____

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: **NA**
 Fax: _____
 Email: _____
 Comments: _____

Received Condition

Condition: **Fair**
 Condition Notes: _____
 CSR Notes: _____

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A008	With Swivel	2
A010	Hard Case	1
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1

Repair Search Refresh Close

inaglej 4/12/2006 1:51 PM CAPS NUM INS SCRL

start 5 M. Ar... 3 I. 2 M. Pet... Par... SA... 1:51 PM

Serial Number: **G6300527**

Model: **M24 SWS**



RE00111039

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300527.__1
FILE DATE AND TIME: 05/22/2006 16:26

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

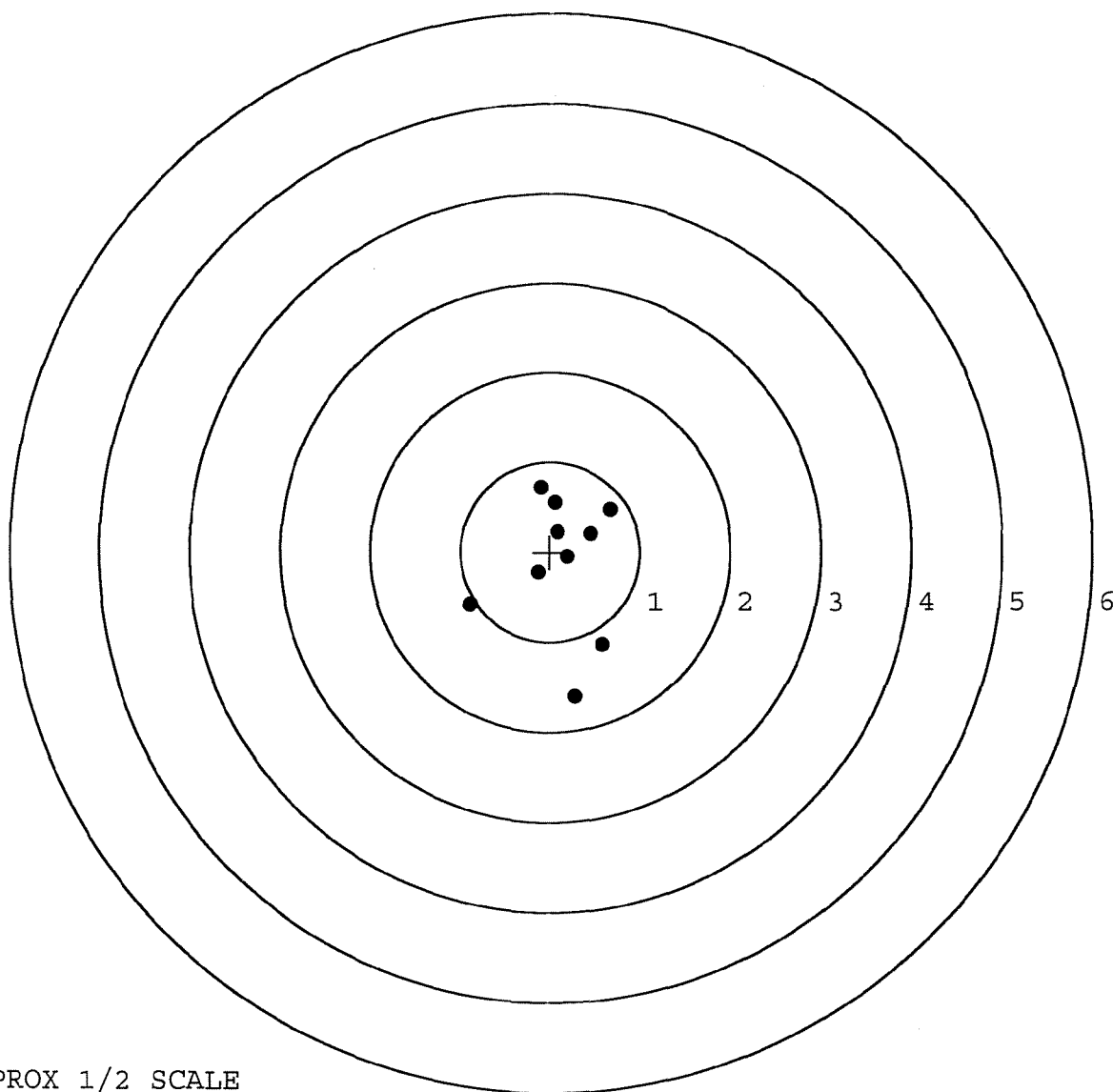
ERROR - NOT POSSIBLE TO REPORT SWS STATS ON DATA
WHERE TOTAL TARGETS ARE NOT EQUAL TO FIVE

Avg. mean Radius : .718

SERIAL NUMBER: G6300527.___1
TARGET NUMBER: 1
FILE DATE: 05/22/2006
FILE TIME: 16:26

X CENTROID: 0.122
Y CENTROID: -0.134
POA TO CENTROID: 0.181
HORZ SPREAD: 1.562
VERT SPREAD: 2.331
GROUP SPREAD: 2.365
MIN RADIUS: 0.106
MAX RADIUS: 1.488
MEAN RADIUS: 0.721
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.104	0.719
2:	0.056	0.547
3:	0.087	0.223
4:	0.194	-0.057
5:	0.457	0.212
6:	0.669	0.476
7:	-0.131	-0.228
8:	-0.893	-0.589
9:	0.588	-1.029
10:	0.293	-1.612

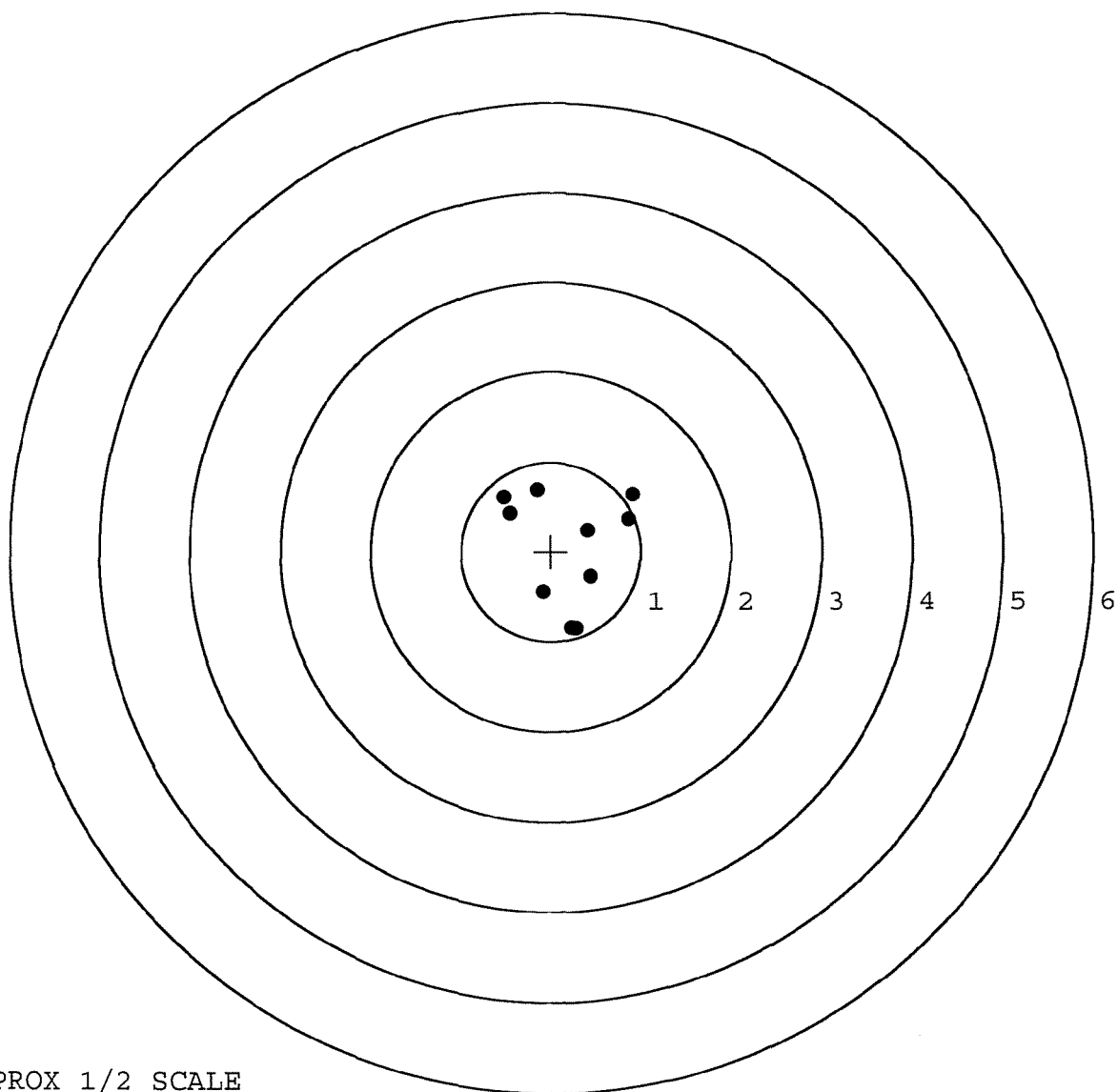


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300527.___1
TARGET NUMBER: 2
FILE DATE: 05/22/2006
FILE TIME: 16:26

POINT#	X	Y
1:	-0.520	0.609
2:	-0.455	0.427
3:	-0.147	0.693
4:	0.409	0.245
5:	0.865	0.367
6:	0.912	0.646
7:	0.451	-0.276
8:	-0.083	-0.456
9:	0.291	-0.856
10:	0.235	-0.848

X CENTROID: 0.196
Y CENTROID: 0.055
POA TO CENTROID: 0.203
HORZ SPREAD: 1.432
VERT SPREAD: 1.549
GROUP SPREAD: 1.640
MIN RADIUS: 0.286
MAX RADIUS: 0.928
MEAN RADIUS: 0.715
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 10
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 5-19-06
TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	256	240		248	
PULL #2	258	255		253	
PULL #3	250	255		244	
PULL #4	242	253		244	
PULL #5	244	250		246	
TOTAL	1251	1253		1235	
AVERAGE	250	250		247	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	316	317		
PULL #2	315	318		
PULL #3	316	318		
PULL #4	317	317		
PULL #5	320	310		
TOTAL	1584	1580		
AVERAGE	316	316		

	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	422	413		414
PULL #2	422	403		404
PULL #3	400	401		412
PULL #4	405	406		396
PULL #5	406	411		409
TOTAL	2055	2034		2035
AVERAGE	411	406		

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

		<i>JAPAN</i>		
R & E NUMBER	111039			
SERIAL NUMBER	6300527			
LOG-IN DATE	4-12-06			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		5-5-06	AC
505	RE-BARREL			
560	ASSEMBLE			
600	PROOF			
605	CHECK HEADSPACE			
610	DIS-ASSEMBLE GUN			
612	MAGNAFLUX			
510	DRILL AND TAP			
615	ROLLMARK CALIBER			
618	ROTO-BLAST			
620	APPLY COATINGS		5/12	HP
625	FINAL ASSEMBLY		5-19-06	AC
640	FUNCTION TEST AND	PASS	FAIL	5-22-06 MTM
650	TARGET	PASS	FAIL	5-22-06 MTM
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		5-23-06	MTM
	A) HEADSPACE	PASS	FAIL	5-23-06 MTM
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS 2.46 2.54 2.56 2.56 2.64		
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	7 lbs 7 lbs 7 lbs MTM	
	G) SAFETY OFF FORCE	2 LBS MIN	3 lbs 3 lbs 3 lbs MTM	
	I) FIRING PIN INDENT	.020	.022 .022 .022 MTM	
690	PACK		5-26-06	MTM

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

- INSTRUCTION BOOK 3518

46 FORM

proof of purchase



owner registration sticker



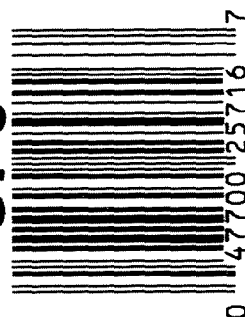
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6300527

UPC



VERY IMPORTANT! Instruction Book enclosed to assure safe use of this firearm.		SERIAL NO. 66300527	ORDER NO. 25716
Remington®		M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM) BOLT ACTION CENTERFIRE RIFLE 24" BARREL 7.62 NATO	
Made in Ilion, NY Reg. U.S. Pat. & tm. Off. Marca Registrada Marque Deposee.		46	12RX



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
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6300527

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		5/20/03	RTL
600	PROOF		5-21-03	AC
607	CHECK HEADSPACE	MAGNA-FLUX	5/22/03	RTL
610	DIS-ASSEMBLE GUN	INSPECTED	5/22/03	RTL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	MAY 24 2003 OPERATOR <u>RL</u>		
615	ROLLMARK CALIBER		6-2-03	B
617	DRILL AND TAP SIGHT HOLES		5-28-03	TRW
620	APPLY COATINGS (BARREL ACTION)		6-13	TA
	(BOLT)		6-13	TA
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		7-1-03	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		7-1-03	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		7-1-03	DA
	D) OIL FIRING PIN ASSEMBLY		7-1-03	DA
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS		

OP #	OPERATION NAME	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.9</u> <u>6.9</u> <u>6.9</u>	8/8/03	DA
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.9</u> <u>2.9</u> <u>2.9</u>	8/8/03	DA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.021</u> <u>.021</u> <u>.022</u>	8/8/03	DA
	J) ASSEMBLE STOCK		7/3/03	RW
	K) ASSEMBLE SWIVEL STUDS		11-8-03	RW
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		7/3/03	RW
	M) IRON SIGHT ALIGNMENT		7/3/03	RW
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		7/3/03	RW
640	GALLERY TEST AND TARGET	PASS FAIL	7-23-03	✓
	MALFUNCTION <i>BAC</i>	CORRECTION 8-7-03 OK	7-23-03	✓
	MALFUNCTION	CORRECTION	7-23-03	✓
	MALFUNCTION	CORRECTION	7-23-03	✓
	MALFUNCTION	CORRECTION	7-23-03	✓
645	INSPECT FOR LIVE AMMO		7-23-03	✓
655	FINAL INSPECTION A) HEADSPACE		11-8-03	RW
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.67</u> <u>2.70</u> <u>2.70</u> <u>2.62</u> <u>2.66</u>	8/8/03	DA
	C) FUNCTION		11-8-03	RW
660	PACK		11/10/03	DA

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)

SERIAL NO. _____
DATE 7-2-03
TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.60	2.87		2.40	
PULL #2	2.65	2.60		2.46	
PULL #3	2.41	2.54		2.51	
PULL #4	2.45	2.60		2.60	
PULL #5	2.49	2.63		2.48	
TOTAL	12.60	13.24		12.45	
AVERAGE	2.52	2.64		2.49	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.09	3.09		
PULL #2	3.16	3.21		
PULL #3	3.15	3.16		
PULL #4	3.16	3.21		
PULL #5	3.10	3.34		
TOTAL	15.66	16.01		
AVERAGE	3.13	3.20		

	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	4.46	4.32		4.43
PULL #2	4.24	4.40		4.47
PULL #3	4.35	4.41		4.40
PULL #4	4.49	4.42		4.47
PULL #5	4.35	4.47		4.38
TOTAL	21.89	22.02		22.15
AVERAGE	4.37	4.40		4.43

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300527.___0
FILE DATE AND TIME: 07/23/2003 06:57

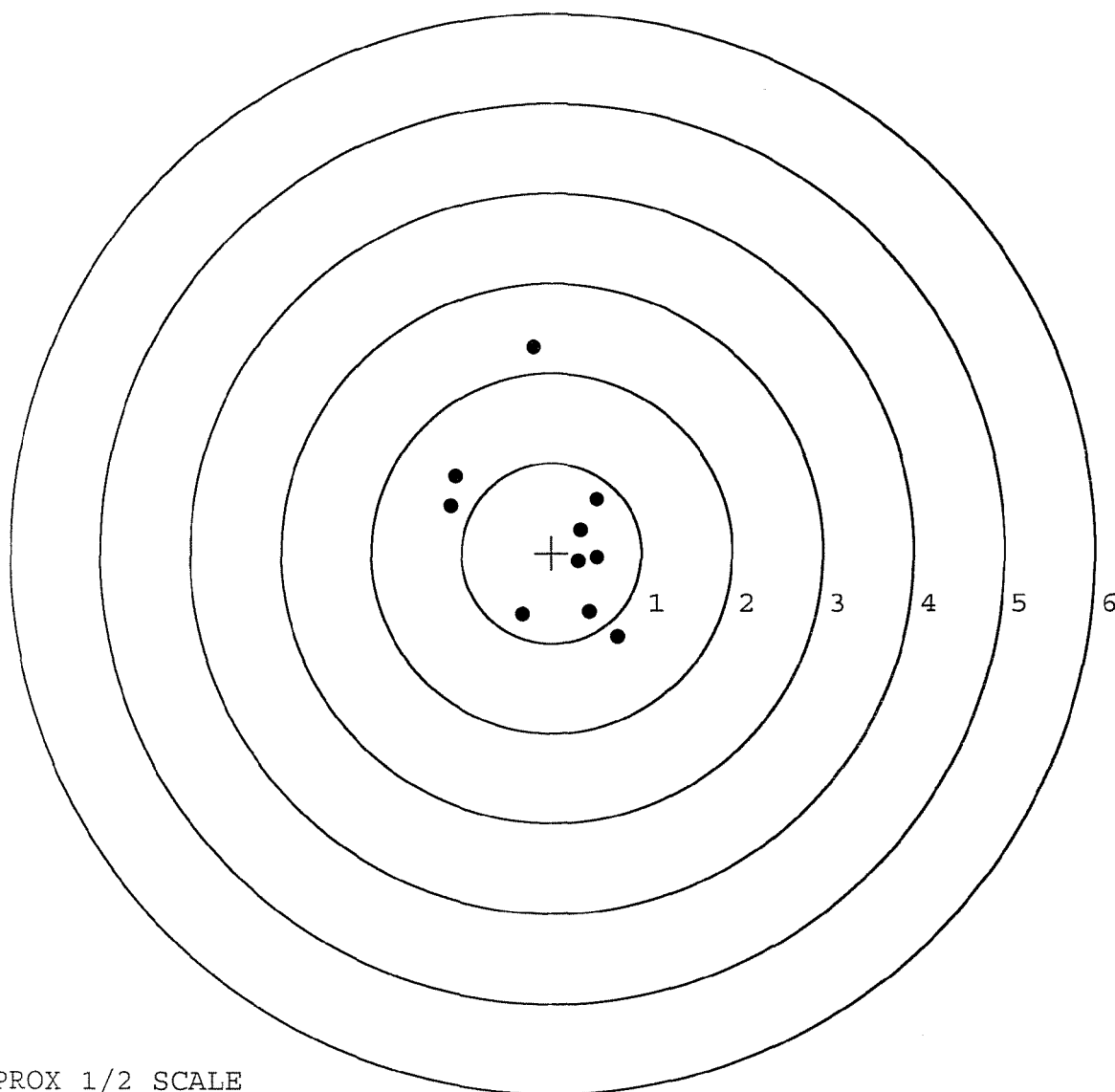
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.033
The Average Y Centroid of the Five Target Set:	-0.022
The Average Point of Impact of the Five Target Set:	0.040
The Average Mean Radius of the Five Target Set:	0.943
The Distance from POA to Centroid Target #1:	0.210
The Distance from Centroid Target #2 to Centroid Target #1:	0.214
The Distance from Centroid Target #3 to Centroid Target #1:	0.165
The Distance from Centroid Target #4 to Centroid Target #1:	0.470
The Distance from Centroid Target #5 to Centroid Target #1:	0.390

SERIAL NUMBER: G6300527. __0
TARGET NUMBER: 1
FILE DATE: 07/23/2003
FILE TIME: 06:57

POINT#	X	Y
1:	-0.209	2.281
2:	-1.067	0.844
3:	-1.124	0.508
4:	-0.322	-0.682
5:	0.737	-0.927
6:	0.422	-0.649
7:	0.506	0.600
8:	0.325	0.258
9:	0.502	-0.047
10:	0.305	-0.088

X CENTROID: 0.008
Y CENTROID: 0.210
POA TO CENTROID: 0.210
HORZ SPREAD: 1.861
VERT SPREAD: 3.208
GROUP SPREAD: 3.345
MIN RADIUS: 0.321
MAX RADIUS: 2.082
MEAN RADIUS: 0.969
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

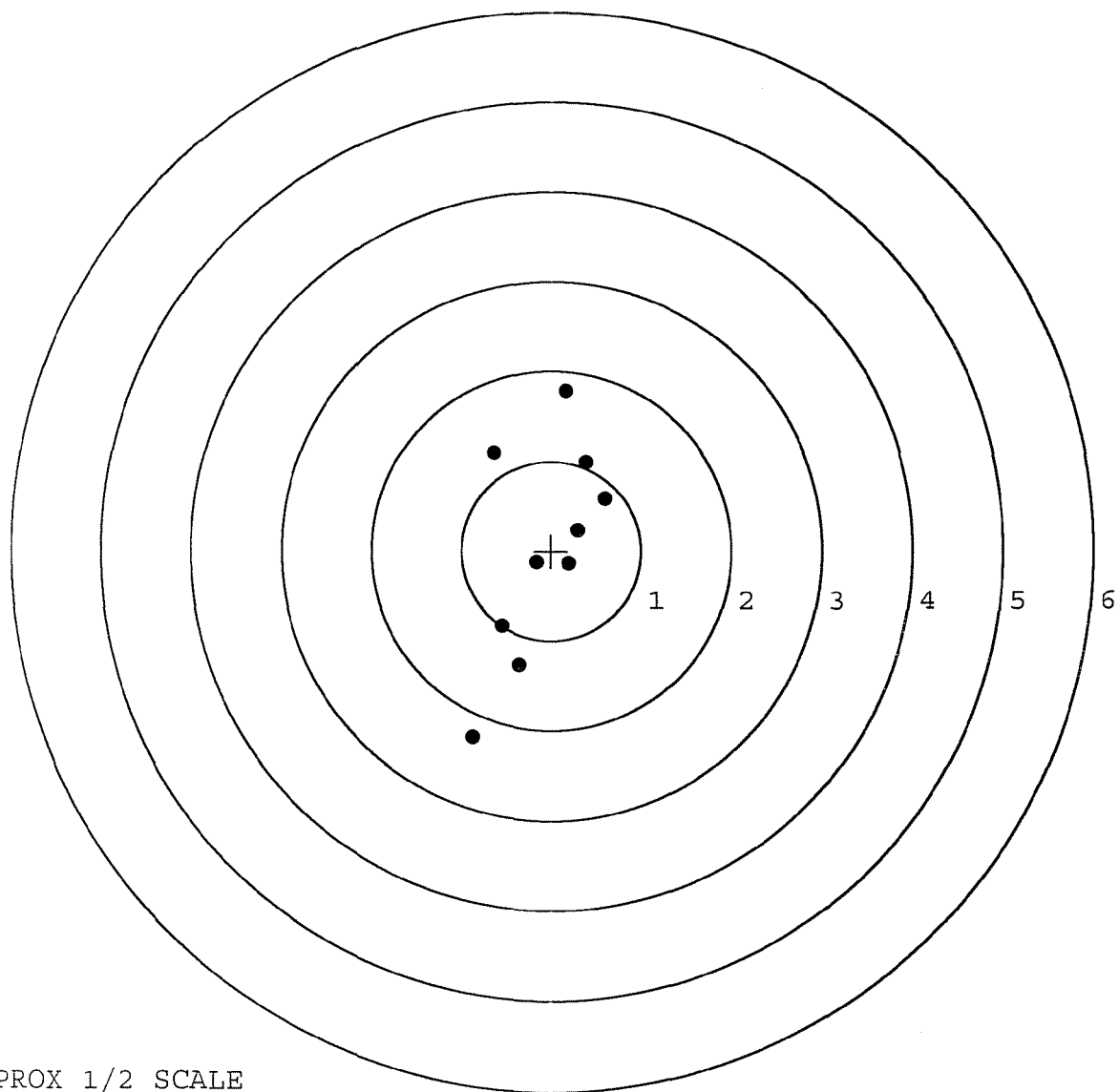


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300527. 0
 TARGET NUMBER: 2
 FILE DATE: 07/23/2003
 FILE TIME: 06:57

POINT#	X	Y
1:	-0.639	1.093
2:	0.162	1.780
3:	0.389	0.991
4:	0.605	0.584
5:	0.299	0.233
6:	-0.162	-0.131
7:	0.194	-0.145
8:	-0.543	-0.841
9:	-0.356	-1.277
10:	-0.876	-2.082

X CENTROID: -0.093
 Y CENTROID: 0.020
 POA TO CENTROID: 0.095
 HORZ SPREAD: 1.481
 VERT SPREAD: 3.862
 GROUP SPREAD: 3.999
 MIN RADIUS: 0.167
 MAX RADIUS: 2.244
 MEAN RADIUS: 1.044
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 8

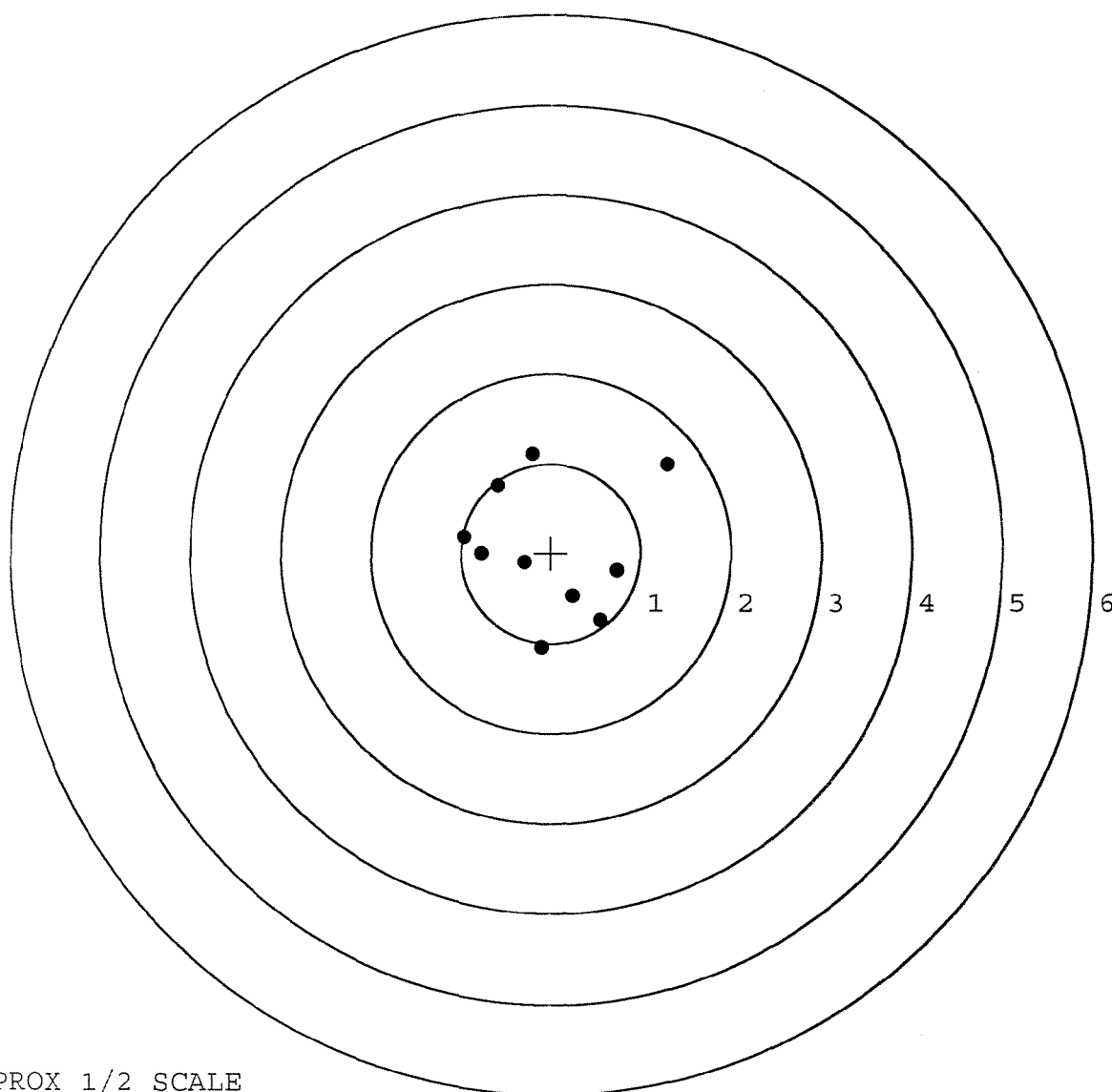


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300527. __0
TARGET NUMBER: 3
FILE DATE: 07/23/2003
FILE TIME: 06:57

POINT#	X	Y
1:	1.300	0.997
2:	-0.209	1.109
3:	-0.588	0.757
4:	-0.972	0.178
5:	-0.779	-0.007
6:	-0.291	-0.109
7:	-0.105	-1.049
8:	0.250	-0.477
9:	0.559	-0.744
10:	0.741	-0.197

X CENTROID: -0.009
Y CENTROID: 0.046
POA TO CENTROID: 0.047
HORZ SPREAD: 2.272
VERT SPREAD: 2.158
GROUP SPREAD: 2.482
MIN RADIUS: 0.321
MAX RADIUS: 1.618
MEAN RADIUS: 0.913
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

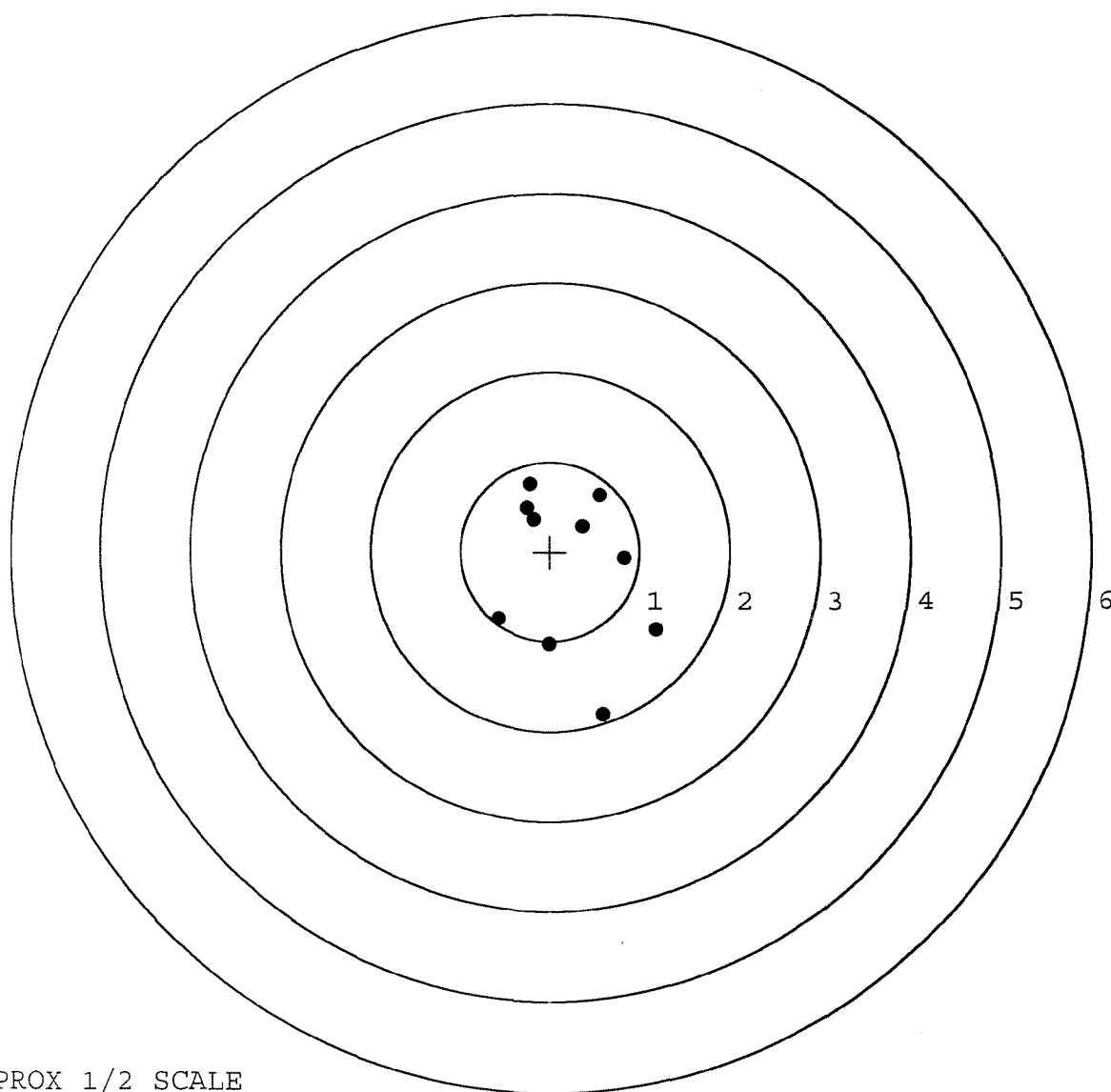


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300527. 0
TARGET NUMBER: 4
FILE DATE: 07/23/2003
FILE TIME: 06:57

POINT#	X	Y
1:	-0.569	-0.760
2:	-0.010	-1.038
3:	0.600	-1.820
4:	1.186	-0.877
5:	0.830	-0.077
6:	0.362	0.286
7:	0.554	0.627
8:	-0.185	0.365
9:	-0.256	0.488
10:	-0.221	0.755

X CENTROID: 0.229
Y CENTROID: -0.205
POA TO CENTROID: 0.307
HORZ SPREAD: 1.755
VERT SPREAD: 2.575
GROUP SPREAD: 2.703
MIN RADIUS: 0.509
MAX RADIUS: 1.657
MEAN RADIUS: 0.929
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

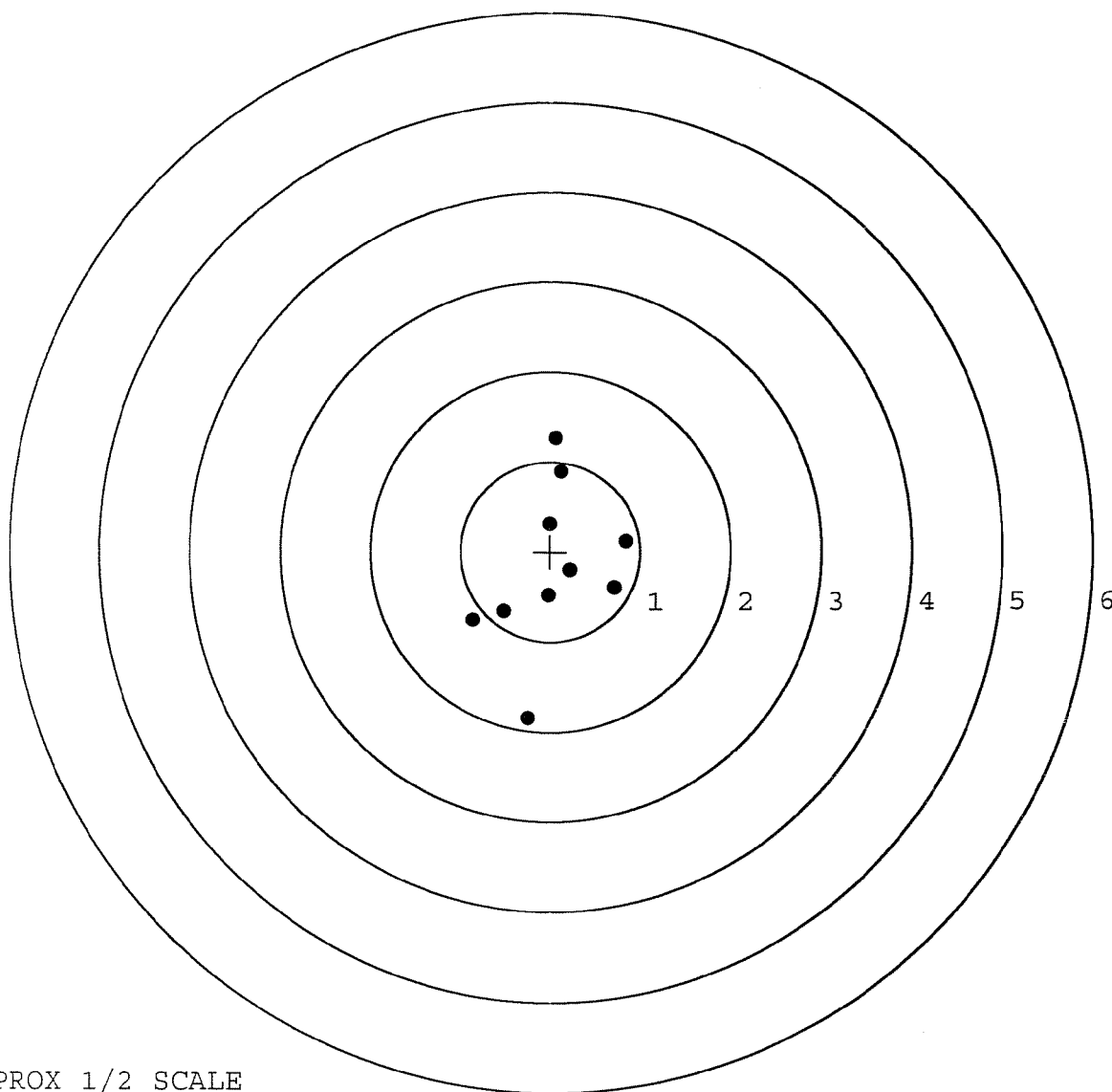


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300527. __0
TARGET NUMBER: 5
FILE DATE: 07/23/2003
FILE TIME: 06:57

POINT#	X	Y
1:	0.061	1.264
2:	0.124	0.891
3:	-0.008	0.307
4:	-0.862	-0.765
5:	-0.519	-0.666
6:	-0.253	-1.852
7:	-0.025	-0.489
8:	0.224	-0.207
9:	0.845	0.117
10:	0.715	-0.400

X CENTROID: 0.030
Y CENTROID: -0.180
POA TO CENTROID: 0.183
HORZ SPREAD: 1.707
VERT SPREAD: 3.116
GROUP SPREAD: 3.132
MIN RADIUS: 0.196
MAX RADIUS: 1.696
MEAN RADIUS: 0.860
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE