

Test Report

Customer Company & Address:			
Company Name:	EILEEN GRAYS NETWORK TECHNOLOGY CO LTD		
Address:	Rm 1707-1710 block D Weilan Business port Qianshan Rd Zhengwu District Hefei, Anhui CHINA		
Contact Person:	Peter	Email:	peter@eileengrays.com
Telephone:	13631126042	Fax:	N/A

Manufacturer:	Zhongshan Aspire lighting co,Ltd
Country of Origin:	China
Country of Export:	USA
Brand Name:	PARROTUNCLE, MATRIX DÉCOR, FLINT GARDEN, IHOME ADORE
Product Description:	Ceiling fan
Representative (Tested) Model:	A017204CA
Model Number:	A017204CA
Model Differences:	N/A
Electrical Specification:	120V/60Hz

Test Laboratory & Address:			
UL Verification Services (Guangzhou) Co., Ltd.			
Address: Room 101,201,301,501,502,503, Building A1, Nansha Science and Technology Innovation Center, No. 25, South Huanshi Avenue, Nansha District, Guangzhou China 511458			
Telephone:	+86 20 28667188	Fax:	+86 20 83486605

Receipt of Test Samples	2023-04-07	Test Period	2023-04-19
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Handle By	Approved By
Xian Zhuo Zheng / Xianzhuo zheng	 / Liny Lan
Test Personnel Name & Signatory	Approval Name & Signatory

The results reported herein have been performed in accordance with the laboratory's terms of accreditation. This report shall not be reproduced except in full without the written approval of the Laboratory. The results in this report apply to the test sample(s) mentioned above at the time of the testing period only and are not to be used to indicate applicability to other similar products. This report does not imply that the product(s) has met the criteria for certification.

Test Report

Testing Regulation

✓ DOE	DEPARTMENT OF ENERGY Office of Energy Efficiency and Renewable Energy 10 CFR Parts 429 and 430 [Docket No.EERE-2013-BT-TP-0050] RIN: 1904-AD10
✓ CEC	CEC-400-2017-002 California Code of Regulations, Title 20, Sections 1601 through 1608
ES	ENERGY STAR Program Requirements - Product Specification for Residential Ceiling Fans and Ceiling Fan Light Kits - Eligibility Criteria Version 4.0
NRCAN	Amendment 16 to the Energy Efficiency Regulations, 2016: SOR/2019-163 was published in Canada Gazette Part II on June 12, 2019 for Airflow of Ceiling Fans

Statement of Results

Test Flow	Test Method	Sample ID (Lab)	Sample Serial No.	Pass/Fail/NA
Ceiling Fan Energy Efficiency Testing	10 CFR Part 430 Subpart B, Appendix U - Uniform Test Method for Measuring the Energy Consumption of Ceiling Fans	5963374	N/A	Pass
		5963375	N/A	

Deviation from Test Method (if any)

N/A

Remark (if any)

The measurement result for the sample received are according to the Accuracy Method decision rule.
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Test Report

Test Flow : Ceiling Fan Energy Efficiency Testing

1. Test Equipment

Equipment ID	Equipment Name	Last Calibration Date	Calibration Due Date

[X] UL test equipment information is recorded on Meter Use in UL'S Lab Ware database.(This statement may be selected only if datasheets are completed at a UL facility)

2. Test Sample Information

Product Description	Ceiling fan		
Representative (Tested) Model	A017204CA		
Light Kit Model Number	E12	Number of speed control settings:	6
Motor Model Number	92*27	Number of Blades	3
Fan Size(inch)	17	Blade Pitch Angle(°)	12
Speed Control Type/Model No.	Remote Control	Downrod Length(inch)	8
Blade Description	Curved Surface	Mounting Method	N/A
Blade Weight(g)	180	DOE Products Category	VSD
Blade Edge Thickness(inch)	0.1605	Flow-Direction Control Type/Model No.	Remote Control
Blades Lowest Point to Ceiling(inches)	16.94		

3. Test Result

VSD								
Sample ID	Measured Airflow(CFM)			Measured Power(W)				Efficiency (CFM/W)
	High	Medium	Low	High	Medium	Low	standby	
001	1563.05	/	297.66	21.38	/	3.28	0.93	62.78
002	1538.05	/	344.08	21.18	/	3.32	0.93	63.67
Average of Sample	1550.55	/	320.87	21.28	/	3.30	0.93	63.22
LCL/0.9 for Airflow	1680.09	/	277.12	/	/	/	/	68.72
UCL/1.1 for Power	/	/	/	19.90	/	3.11	0.85	/
Represented Value	1550.55	/	277.12	21.28	/	3.30	0.93	63.22
Minimum Efficiency(CFM/W)	36.68							
Result (Pass/Fail)	Pass							
FTC EnergyGuide Label Information								
Weighted-Average Airflow CFM _{ave}	974							
Energy Use W _{ave}	15							
Estimated Yearly Energy Cost(\$)	4							
Efficiency(CFM/W)	63							

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4. Test Data

VSD -001

Sample ID		001	Tested Date		2023/4/19	Tested By		Xianzhuo
Room Temp.(°C)		23.7	Relative Humidity(%)		47.5	Barometric Pressure(PSI)		14.6
Low Speed Testing Model								
Max. RPM		199	Min. RPM		192	Voltage(V)		119.92
Frequency(Hz)		59.993	Power P1(W)		3.28	Current(A)		0.0603
Sensor #	Sensor Dist. From Center (inch)	Velocity in FPM - Axis #				Average Vel. (FPM)	Circle area (sq. Ft.)	Air Delivery (CFM)
		A	B	C	D			
1	0	50.60	50.60	50.60	50.60	50.60	0.0873	4.42
2	4	67.68	65.80	54.95	57.13	61.39	0.6981	42.86
3	8	95.21	91.09	86.06	92.50	91.21	1.3963	127.36
4	12	96.09	92.51	97.55	114.85	100.25	1.2272	123.02
Total Air Flow of Low Speed(CFM)								297.66
High Speed Testing Model								
Max. RPM		595	Min. RPM		586	Voltage(V)		120.04
Frequency(Hz)		59.993	Power P2(W)		21.38	Current(A)		0.2960
Sensor #	Sensor Dist. From Center	Velocity in FPM - Axis #				Average Vel. (FPM)	Circle area (sq. Ft.)	Air Delivery (CFM)
		A	B	C	D			
1	0	409.04	409.04	409.04	409.04	409.04	0.0873	35.71
2	4	499.66	550.23	555.83	545.49	537.80	0.6981	375.44
3	8	545.37	514.04	492.41	522.41	518.56	1.3963	724.06
4	12	412.29	339.82	301.89	340.54	348.64	1.2272	427.84
Total Air Flow of High Speed(CFM)								1563.05
Standby Testing Model								
Voltage(V)			120.03		Frequency(Hz)		59.993	
Power P0(W)			0.93		Current(A)		0.0357	

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VSD -002

Sample ID		002	Tested Date		2023/4/19	Tested By		Xianzhuo
Room Temp.(°C)		20.1	Relative Humidity(%)		47.0	Barometric Pressure(PSI)		14.6
Low Speed Testing Model								
Max. RPM		201	Min. RPM		193	Voltage(V)		120.09
Frequency(Hz)		59.993	Power P1(W)		3.32	Current(A)		0.0607
Sensor #	Sensor Dist. From Center (inch)	Velocity in FPM - Axis #				Average Vel. (FPM)	Circle area (sq. Ft.)	Air Delivery (CFM)
		A	B	C	D			
1	0	75.90	75.90	75.90	75.90	75.90	0.0873	6.63
2	4	108.80	89.60	77.88	87.56	90.96	0.6981	63.50
3	8	111.86	93.74	104.92	120.30	107.70	1.3963	150.39
4	12	83.30	90.73	106.08	122.66	100.69	1.2272	123.57
Total Air Flow of Low Speed(CFM)								344.08
High Speed Testing Model								
Max. RPM		594	Min. RPM		584	Voltage(V)		120.04
Frequency(Hz)		59.993	Power P2(W)		21.18	Current(A)		0.2935
Sensor #	Sensor Dist. From Center	Velocity in FPM - Axis #				Average Vel. (FPM)	Circle area (sq. Ft.)	Air Delivery (CFM)
		A	B	C	D			
1	0	379.51	379.51	379.51	379.51	379.51	0.0873	33.13
2	4	475.56	523.86	534.21	513.00	511.66	0.6981	357.19
3	8	535.91	500.91	487.15	520.58	511.14	1.3963	713.70
4	12	410.38	327.04	304.60	372.70	353.68	1.2272	434.03
Total Air Flow of High Speed(CFM)								1538.05
Standby Testing Model								
Voltage(V)			120.03		Frequency(Hz)		59.993	
Power P0(W)			0.93		Current(A)		0.0357	

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5. Test Sample Photo(s)



*******END OF TEST REPORT*******

**Verification Services**

Report No: 14731189-13a

Report Issued Date: 2023/4/19

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Appendix-Test Data for Medium Speed Testing Model

LSSD+Standard -001

Sample ID		001	Tested Date		2023/4/19	Tested By		Xianzhuo
Room Temp.(°C)		23.7	Relative Humidity(%)		47.5	Barometric Pressure(PSI)		14.6
Medium Speed Testing Model								
Max. RPM			Min. RPM			Voltage(V)		
Frequency(Hz)			Power P1(W)			Current(A)		
Sensor #	Sensor Dist. From Center (inch)	Velocity in FPM - Axis #				Average Vel. (FPM)	Circle area (sq. Ft.)	Air Delivery (CFM)
		A	B	C	D			
1	0							
2	4							
3	8							
4	12							
5	16							
6	20							
7	24							
8	28							
9	32							
10	36							
11	40							
12	44							
Total Air Flow of Medium Speed(CFM)								0.00

**Verification Services**

Report No: 14731189-13a

Report Issued Date: 2023/4/19

Test Report

Appendix-Test Data for Medium Speed Testing Model

LSSD+Standard -002

Sample ID		002	Tested Date		2023/4/19	Tested By		Xianzhuo
Room Temp.(°C)		20.1	Relative Humidity(%)		47.0	Barometric Pressure(PSI)		14.6
Medium Speed Testing Model								
Max. RPM			Min. RPM			Voltage(V)		
Frequency(Hz)			Power P1(W)			Current(A)		
Sensor #	Sensor Dist. From Center (inch)	Velocity in FPM - Axis #				Average Vel. (FPM)	Circle area (sq. Ft.)	Air Delivery (CFM)
		A	B	C	D			
1	0							
2	4							
3	8							
4	12							
5	16							
6	20							
7	24							
8	28							
9	32							
10	36							
11	40							
12	44							
Total Air Flow of Medium Speed(CFM)								0.00

A-D Axis

Gear	Axis	Item No.	Volt (V)	Current (A)	Power (W)	Freq (Hz)	Temp (°C)	RH (%)	BARO (PSI)	RPM	SEN1#	SEN2#
		1	119.92	0.0603	3.27	59.993	23.6	58.0	14.6	0	77.32	101.76
		2	119.92	0.0604	3.28	59.993	23.6	58.0	14.6	0	73.10	98.86
		3	119.92	0.0603	3.28	59.993	23.6	58.0	14.6	0	68.86	93.22
		4	119.92	0.0603	3.28	59.992	23.6	58.0	14.6	0	64.51	81.17
		5	119.92	0.0604	3.29	59.993	23.6	58.0	14.6	0	62.88	77.55
		6	119.92	0.0604	3.28	59.993	23.6	58.0	14.6	0	59.94	74.21
		7	119.92	0.0603	3.28	59.993	23.6	58.0	14.6	0	52.02	67.62
		8	119.92	0.0603	3.28	59.993	23.6	58.0	14.6	0	49.69	64.98
		9	119.92	0.0603	3.28	59.993	23.6	58.0	14.6	0	47.41	61.77
		10	119.92	0.0604	3.28	59.993	23.6	58.0	14.6	0	40.85	59.08
		11	119.92	0.0603	3.28	59.993	23.6	58.0	14.6	0	35.54	59.75
		12	119.92	0.0604	3.28	59.993	23.6	58.0	14.6	0	34.87	59.75
		13	119.92	0.0604	3.28	59.993	23.6	58.0	14.6	0	35.54	56.80
		14	119.93	0.0603	3.28	59.993	23.6	58.0	14.6	0	34.53	57.11
		15	119.92	0.0603	3.28	59.993	23.6	58.0	14.6	0	33.24	57.11
		16	119.92	0.0603	3.28	59.993	23.6	58.0	14.6	0	32.90	58.74
		17	119.93	0.0602	3.27	59.993	23.6	58.0	14.6	0	32.90	63.66
		18	119.92	0.0602	3.27	59.993	23.6	58.0	14.6	0	32.20	63.35
		19	119.93	0.0601	3.27	59.993	23.6	58.0	14.6	0	33.24	69.29
		20	119.93	0.0601	3.26	59.993	23.5	58.0	14.6	0	32.20	67.35
		21	119.93	0.0602	3.27	59.993	23.6	58.0	14.6	0	32.20	65.99
		22	119.92	0.0601	3.26	59.993	23.6	58.0	14.6	0	32.23	62.42
		23	119.92	0.0603	3.28	59.992	23.6	58.0	14.6	0	31.89	64.02
		24	119.92	0.0602	3.26	59.993	23.6	58.0	14.6	0	32.51	63.66
		25	119.92	0.0603	3.27	59.993	23.6	58.0	14.6	0	32.54	62.42
		26	119.92	0.0601	3.26	59.993	23.6	58.0	14.6	0	32.20	61.77
		27	119.92	0.0601	3.26	59.993	23.6	58.0	14.6	0	31.54	56.41
		28	119.92	0.0601	3.26	59.993	23.6	58.0	14.6	0	32.23	55.44
		29	119.93	0.0601	3.26	59.992	23.6	58.0	14.6	0	31.54	52.18
		30	119.92	0.0603	3.27	59.992	23.6	58.0	14.6	0	30.88	49.54
		31	119.92	0.0603	3.28	59.992	23.6	58.0	14.6	0	31.22	47.26
		32	119.93	0.0604	3.29	59.992	23.6	58.0	14.6	0	31.54	47.88
		33	119.92	0.0603	3.28	59.992	23.6	58.0	14.6	0	31.85	45.97
		34	119.93	0.0605	3.29	59.992	23.6	58.0	14.6	0	33.52	46.95
		35	119.92	0.0606	3.30	59.993	23.6	58.0	14.6	0	35.23	46.28
		36	119.92	0.0605	3.30	59.993	23.6	58.0	14.6	0	37.51	44.62
		37	119.93	0.0605	3.29	59.993	23.6	58.0	14.6	0	40.82	49.20
		38	119.92	0.0605	3.30	59.993	23.6	58.0	14.6	0	46.40	53.81
		39	119.93	0.0606	3.30	59.993	23.6	58.0	14.6	0	51.40	54.16
		40	119.92	0.0605	3.29	59.993	23.5	58.0	14.6	0	55.40	59.78
		41	119.92	0.0605	3.29	59.992	23.6	58.0	14.6	0	62.57	64.98
		42	119.92	0.0604	3.29	59.992	23.5	58.0	14.6	0	64.87	66.30
		43	119.92	0.0605	3.29	59.993	23.6	58.0	14.6	0	67.54	73.10
		44	119.92	0.0605	3.29	59.992	23.6	58.0	14.6	0	73.41	79.18
		45	119.92	0.0605	3.29	59.993	23.6	58.0	14.6	0	75.07	82.49
		46	119.92	0.0604	3.29	59.993	23.6	58.0	14.6	0	75.97	87.64
		47	119.93	0.0603	3.28	59.994	23.6	58.0	14.6	0	78.37	89.93
		48	119.92	0.0603	3.28	59.993	23.6	58.0	14.6	0	76.67	87.68
		49	119.92	0.0605	3.28	59.993	23.6	58.0	14.6	0	76.31	87.64

Low	A Axis	50	119.92	0.0604	3.28	59.993	23.6	58.0	14.6	0	73.20	84.07
		51	119.92	0.0604	3.29	59.993	23.6	58.0	14.6	0	70.80	80.47
		52	119.92	0.0604	3.28	59.992	23.6	58.0	14.6	0	69.48	80.50
		53	119.92	0.0604	3.29	59.992	23.6	58.0	14.6	0	70.80	78.87
		54	119.92	0.0605	3.29	59.992	23.6	58.0	14.6	0	64.87	73.20
		55	119.92	0.0605	3.29	59.993	23.6	58.0	14.6	0	64.87	73.90
		56	119.92	0.0606	3.30	59.993	23.6	58.0	14.6	0	63.82	73.90
		57	119.93	0.0606	3.29	59.993	23.6	58.0	14.6	0	60.60	76.23
		58	119.92	0.0606	3.30	59.992	23.6	58.0	14.6	0	58.90	78.53
		59	119.92	0.0605	3.29	59.993	23.6	58.0	14.6	0	59.24	79.85
		60	119.92	0.0605	3.29	59.994	23.6	58.0	14.6	0	59.63	85.05
		61	119.92	0.0605	3.29	59.993	23.6	58.0	14.6	0	60.94	87.64
		62	119.92	0.0606	3.30	59.993	23.6	58.0	14.6	0	62.57	89.31
		63	119.92	0.0606	3.30	59.992	23.6	58.0	14.6	0	62.23	91.28
		64	119.92	0.0606	3.31	59.992	23.6	58.0	14.6	0	66.50	96.56
		65	119.93	0.0606	3.31	59.993	23.6	58.0	14.6	0	63.55	100.44
		66	119.92	0.0607	3.31	59.993	23.6	58.0	14.6	0	67.35	101.53
		67	119.92	0.0607	3.31	59.992	23.6	58.0	14.6	0	67.51	98.86
		68	119.93	0.0607	3.31	59.992	23.6	58.0	14.6	0	69.53	101.11
		69	119.93	0.0607	3.31	59.993	23.6	58.0	14.6	0	71.50	100.80
		70	119.93	0.0606	3.31	59.993	23.6	58.0	14.6	0	74.06	110.89
		71	119.92	0.0607	3.31	59.993	23.6	58.0	14.6	0	78.99	116.16
		72	119.92	0.0608	3.31	59.993	23.6	58.0	14.6	0	79.65	116.81
		73	119.93	0.0608	3.31	59.993	23.6	58.0	14.6	0	81.59	122.71
		74	119.93	0.0608	3.32	59.993	23.6	58.0	14.6	0	84.19	121.00
		75	119.93	0.0609	3.32	59.993	23.6	58.0	14.6	0	88.15	119.73
		76	119.93	0.0608	3.31	59.992	23.6	58.0	14.6	0	91.10	126.51
		77	119.93	0.0607	3.31	59.992	23.6	58.0	14.6	0	97.93	131.53
		78	119.92	0.0606	3.30	59.991	23.6	58.0	14.6	0	99.59	132.88
		79	119.92	0.0606	3.30	59.992	23.6	58.0	14.6	0	101.50	134.86
		80	119.92	0.0606	3.30	59.994	23.6	58.0	14.6	0	100.83	132.22
		81	119.92	0.0607	3.30	59.993	23.6	58.0	14.6	0	94.70	133.85
		82	119.92	0.0606	3.30	59.992	23.6	58.0	14.6	0	97.26	134.82
		83	119.93	0.0604	3.29	59.993	23.6	58.0	14.6	0	92.18	135.20
		84	119.93	0.0606	3.29	59.992	23.6	58.0	14.6	0	90.12	137.77
		85	119.92	0.0604	3.29	59.992	23.6	58.0	14.6	0	89.11	133.85
		86	119.93	0.0605	3.29	59.993	23.6	58.0	14.6	0	88.46	122.99
		87	119.92	0.0605	3.29	59.993	23.6	58.0	14.6	0	82.90	117.12
		88	119.93	0.0604	3.29	59.993	23.6	58.0	14.6	0	78.33	112.52
		89	119.93	0.0605	3.29	59.993	23.6	58.0	14.6	0	76.31	110.26
		90	119.93	0.0604	3.28	59.993	23.6	58.0	14.6	0	68.86	106.00
		91	119.92	0.0605	3.29	59.992	23.6	58.0	14.6	0	70.49	99.51
		92	119.93	0.0604	3.28	59.993	23.6	58.0	14.6	0	68.52	94.59
		93	119.93	0.0604	3.29	59.992	23.6	58.0	14.6	0	66.84	92.57
		94	119.92	0.0604	3.29	59.993	23.6	58.0	14.6	0	66.50	91.60
		95	119.92	0.0604	3.28	59.992	23.6	58.0	14.6	0	65.88	94.23
		96	119.93	0.0605	3.29	59.992	23.6	58.0	14.6	0	59.94	100.10
		97	119.92	0.0604	3.28	59.992	23.6	58.0	14.6	0	57.96	99.51
		98	119.93	0.0604	3.28	59.993	23.6	58.0	14.6	0	57.30	103.44
		99	119.92	0.0604	3.28	59.994	23.6	58.0	14.6	0	58.74	101.06
		100	119.93	0.0603	3.27	59.993	23.6	58.0	14.6	0	57.96	101.11
		1	119.93	0.0606	3.30	59.993	23.6	58.0	14.6	0	77.32	102.97
		2	119.92	0.0604	3.28	59.993	23.6	58.0	14.6	0	73.10	96.30

Low

B Axis

3	119.93	0.0604	3.28	59.993	23.6	58.0	14.6	0	68.86	92.11
4	119.93	0.0603	3.28	59.993	23.6	58.0	14.6	0	64.51	87.84
5	119.92	0.0604	3.28	59.993	23.6	58.0	14.6	0	62.88	84.27
6	119.93	0.0603	3.29	59.993	23.6	58.0	14.6	0	59.94	77.94
7	119.93	0.0605	3.29	59.993	23.6	58.0	14.6	0	52.02	75.92
8	119.92	0.0605	3.28	59.993	23.6	58.0	14.6	0	49.69	74.60
9	119.93	0.0603	3.28	59.993	23.6	58.0	14.6	0	47.41	67.00
10	119.92	0.0604	3.28	59.993	23.6	58.0	14.6	0	40.85	64.72
11	119.93	0.0605	3.29	59.993	23.6	58.0	14.6	0	35.54	67.00
12	119.93	0.0604	3.29	59.993	23.6	58.0	14.6	0	34.87	65.10
13	119.92	0.0604	3.28	59.993	23.6	58.0	14.6	0	35.54	68.32
14	119.93	0.0604	3.28	59.993	23.6	58.0	14.6	0	34.53	69.01
15	119.92	0.0603	3.28	59.993	23.6	58.0	14.6	0	33.24	65.41
16	119.93	0.0603	3.27	59.993	23.6	58.0	14.6	0	32.90	64.72
17	119.92	0.0602	3.27	59.993	23.6	58.0	14.6	0	32.90	61.41
18	119.92	0.0604	3.28	59.993	23.6	58.0	14.6	0	32.20	59.78
19	119.92	0.0603	3.27	59.993	23.6	58.0	14.6	0	33.24	58.51
20	119.92	0.0603	3.27	59.993	23.6	58.0	14.6	0	32.20	54.01
21	119.92	0.0603	3.28	59.993	23.6	58.0	14.6	0	32.20	51.32
22	119.93	0.0602	3.27	59.993	23.6	58.0	14.6	0	32.23	47.68
23	119.92	0.0602	3.27	59.993	23.6	58.0	14.6	0	31.89	42.71
24	119.93	0.0602	3.27	59.993	23.6	58.0	14.6	0	32.51	42.40
25	119.92	0.0602	3.27	59.993	23.6	58.0	14.6	0	32.54	44.07
26	119.93	0.0601	3.26	59.992	23.6	58.0	14.6	0	32.20	43.02
27	119.93	0.0602	3.26	59.993	23.6	58.0	14.6	0	31.54	42.71
28	119.93	0.0600	3.26	59.993	23.6	58.0	14.6	0	32.23	41.39
29	119.93	0.0600	3.25	59.993	23.6	58.0	14.6	0	31.54	40.38
30	119.92	0.0601	3.26	59.993	23.6	58.0	14.6	0	30.88	39.37
31	119.93	0.0602	3.27	59.993	23.6	58.0	14.6	0	31.22	38.67
32	119.92	0.0601	3.26	59.993	23.6	58.0	14.6	0	31.54	43.02
33	119.92	0.0602	3.26	59.992	23.6	58.0	14.6	0	31.85	43.02
34	119.92	0.0599	3.25	59.992	23.6	58.0	14.6	0	33.52	42.06
35	119.92	0.0601	3.26	59.993	23.6	58.0	14.6	0	35.23	40.04
36	119.93	0.0601	3.26	59.992	23.6	58.0	14.6	0	37.51	38.67
37	119.93	0.0601	3.26	59.994	23.6	58.0	14.6	0	40.82	38.67
38	119.92	0.0601	3.26	59.993	23.6	58.0	14.6	0	46.40	40.69
39	119.93	0.0601	3.26	59.993	23.6	58.0	14.6	0	51.40	46.95
40	119.93	0.0602	3.26	59.993	23.6	58.0	14.6	0	55.40	49.43
41	119.93	0.0602	3.27	59.993	23.6	58.0	14.6	0	62.57	51.32
42	119.92	0.0602	3.27	59.993	23.6	58.0	14.6	0	64.87	54.63
43	119.93	0.0602	3.26	59.993	23.6	58.0	14.6	0	67.54	56.60
44	119.92	0.0601	3.26	59.992	23.6	58.0	14.6	0	73.41	57.89
45	119.93	0.0601	3.26	59.992	23.6	58.0	14.6	0	75.07	58.20
46	119.93	0.0601	3.26	59.993	23.6	58.0	14.6	0	75.97	62.08
47	119.93	0.0600	3.24	59.993	23.6	58.0	14.6	0	78.37	65.72
48	119.93	0.0600	3.25	59.994	23.6	58.0	14.6	0	76.67	65.41
49	119.92	0.0601	3.26	59.993	23.6	58.0	14.6	0	76.31	63.04
50	119.93	0.0601	3.25	59.993	23.6	58.0	14.6	0	73.20	59.78
51	119.93	0.0600	3.25	59.993	23.6	58.0	14.6	0	70.80	58.85
52	119.93	0.0599	3.25	59.992	23.6	58.0	14.6	0	69.48	52.61
53	119.93	0.0601	3.25	59.993	23.6	58.0	14.6	0	70.80	49.74
54	119.92	0.0600	3.25	59.992	23.6	58.0	14.6	0	64.87	48.81
55	119.92	0.0600	3.25	59.992	23.6	58.0	14.6	0	64.87	48.61

56	119.92	0.0600	3.25	59.993	23.6	58.0	14.6	0	63.82	49.74
57	119.92	0.0600	3.25	59.992	23.6	58.0	14.6	0	60.60	50.39
58	119.92	0.0600	3.25	59.992	23.6	58.0	14.6	0	58.90	53.31
59	119.92	0.0602	3.27	59.992	23.6	58.0	14.6	0	59.24	58.54
60	119.92	0.0602	3.27	59.992	23.6	58.0	14.6	0	59.63	63.09
61	119.92	0.0605	3.29	59.994	23.6	58.0	14.6	0	60.94	64.09
62	119.92	0.0604	3.28	59.993	23.6	58.0	14.6	0	62.57	66.73
63	119.92	0.0604	3.28	59.993	23.6	58.0	14.6	0	62.23	69.99
64	119.92	0.0604	3.28	59.992	23.6	58.0	14.6	0	66.50	70.64
65	119.92	0.0605	3.29	59.993	23.6	58.0	14.6	0	63.55	75.97
66	119.92	0.0605	3.29	59.992	23.6	58.0	14.6	0	67.35	74.96
67	119.92	0.0603	3.28	59.993	23.6	58.0	14.6	0	67.51	73.33
68	119.92	0.0605	3.29	59.993	23.6	58.0	14.6	0	69.53	73.33
69	119.92	0.0603	3.27	59.993	23.6	58.0	14.6	0	71.50	68.32
70	119.92	0.0603	3.28	59.992	23.6	58.0	14.6	0	74.06	69.68
71	119.92	0.0604	3.28	59.993	23.6	58.0	14.6	0	78.99	74.96
72	119.92	0.0603	3.27	59.993	23.6	58.0	14.6	0	79.65	78.30
73	119.92	0.0604	3.28	59.992	23.6	58.0	14.6	0	81.59	81.32
74	119.92	0.0605	3.29	59.993	23.6	58.0	14.6	0	84.19	79.30
75	119.92	0.0605	3.30	59.993	23.6	58.0	14.6	0	88.15	78.30
76	119.92	0.0604	3.28	59.993	23.6	58.0	14.6	0	91.10	84.97
77	119.92	0.0604	3.28	59.993	23.6	58.0	14.6	0	97.93	85.93
78	119.92	0.0604	3.28	59.993	23.6	58.0	14.6	0	99.59	85.98
79	119.92	0.0605	3.29	59.993	23.6	58.0	14.6	0	101.50	93.07
80	119.92	0.0606	3.30	59.993	23.6	58.0	14.6	0	100.83	95.06
81	119.92	0.0603	3.27	59.992	23.6	58.0	14.6	0	94.70	97.00
82	119.92	0.0605	3.30	59.994	23.6	58.0	14.6	0	97.26	100.29
83	119.93	0.0605	3.29	59.993	23.6	58.0	14.6	0	92.18	101.96
84	119.92	0.0606	3.29	59.992	23.6	58.0	14.6	0	90.12	107.19
85	119.92	0.0604	3.29	59.993	23.6	58.0	14.6	0	89.11	108.20
86	119.93	0.0605	3.29	59.992	23.6	58.0	14.6	0	88.46	102.97
87	119.92	0.0605	3.30	59.992	23.6	58.0	14.6	0	82.90	99.59
88	119.92	0.0606	3.29	59.993	23.6	58.0	14.6	0	78.33	95.06
89	119.92	0.0606	3.30	59.992	23.6	58.0	14.6	0	76.31	91.80
90	119.92	0.0606	3.30	59.992	23.6	58.0	14.6	0	68.86	87.87
91	119.93	0.0606	3.30	59.992	23.6	58.0	14.6	0	70.49	85.93
92	119.92	0.0606	3.30	59.993	23.6	58.0	14.6	0	68.52	79.96
93	119.92	0.0606	3.30	59.993	23.6	58.0	14.6	0	66.84	75.97
94	119.92	0.0606	3.30	59.991	23.6	58.0	14.6	0	66.50	76.98
95	119.92	0.0606	3.30	59.992	23.6	58.0	14.6	0	65.88	73.33
96	119.92	0.0606	3.30	59.992	23.6	58.0	14.6	0	59.94	77.67
97	119.92	0.0607	3.30	59.993	23.6	58.0	14.6	0	57.96	77.94
98	119.92	0.0607	3.31	59.992	23.6	58.0	14.6	0	57.30	79.61
99	119.92	0.0608	3.32	59.992	23.6	58.0	14.6	0	58.74	79.30
100	119.92	0.0607	3.31	59.993	23.6	58.0	14.6	0	57.96	77.94
1									77.32	115.99
2									73.10	108.54
3									68.86	101.37
4									64.51	89.07
5									62.88	84.46
6									59.94	81.51
7									52.02	74.87
8									49.69	71.89

[illegible]

B Axis

[illegible]

[illegible]

D Axis

[illegible]

92									43.76	77.63
93									44.77	77.27
94									49.04	74.94
95									51.32	80.27
96									54.74	83.60
97									55.98	87.56
98									55.98	86.24
99									56.60	86.55
100									56.96	86.55
1	120.04	0.2827	20.32	59.993	23.9	57.0	14.6	0	302.86	397.64
2	120.04	0.2808	20.18	59.993	23.9	57.0	14.6	0	304.83	371.56
3	120.04	0.2841	20.45	59.993	23.9	57.0	14.6	0	299.94	370.32
4	120.04	0.2885	20.80	59.993	23.9	57.0	14.6	0	300.56	367.03
5	120.04	0.2874	20.71	59.993	23.9	57.0	14.6	0	307.83	371.33
6	120.04	0.2878	20.74	59.993	23.9	57.0	14.6	0	310.65	371.61
7	120.04	0.2865	20.63	59.992	23.9	57.0	14.6	0	317.56	371.95
8	120.04	0.2835	20.40	59.992	23.9	57.0	14.6	0	320.94	372.26
9	120.04	0.2821	20.27	59.991	23.9	57.0	14.6	0	318.30	377.00
10	120.04	0.2831	20.35	59.992	23.9	57.0	14.6	0	310.46	395.39
11	120.04	0.2885	20.81	59.992	23.9	57.0	14.6	0	309.49	401.98
12	120.04	0.2909	21.00	59.993	23.9	57.0	14.6	0	307.16	408.19
13	120.05	0.2856	20.56	59.992	23.9	57.0	14.6	0	313.68	420.88
14	120.04	0.2864	20.62	59.992	23.9	57.0	14.6	0	308.83	428.05
15	120.04	0.2895	20.89	59.992	23.9	57.0	14.6	0	307.47	430.97
16	120.04	0.2945	21.29	59.993	23.9	57.0	14.6	0	304.88	437.57
17	120.03	0.3033	22.01	59.993	23.9	57.0	14.6	0	306.20	441.87
18	120.03	0.3018	21.89	59.993	23.9	57.0	14.6	0	322.52	452.23
19	120.03	0.3069	22.31	59.993	23.9	57.0	14.6	0	356.36	472.64
20	120.03	0.3032	21.99	59.993	23.9	57.0	14.6	0	365.74	481.83
21	120.03	0.3019	21.88	59.992	23.9	57.0	14.6	0	381.81	496.34
22	120.03	0.3045	22.10	59.991	23.9	57.0	14.6	0	398.02	502.86
23	120.03	0.3068	22.29	59.993	23.9	57.0	14.6	0	417.89	531.03
24	120.03	0.3060	22.22	59.992	23.9	57.0	14.6	0	445.09	545.46
25	120.03	0.3059	22.20	59.993	23.9	57.0	14.6	0	466.46	549.34
26	120.04	0.2967	21.44	59.993	23.9	57.0	14.6	0	484.55	574.37
27	120.04	0.2953	21.34	59.993	23.9	57.0	14.6	0	492.15	579.37
28	120.04	0.2950	21.31	59.992	23.9	57.0	14.6	0	481.95	572.74
29	120.04	0.2979	21.55	59.993	23.9	57.0	14.6	0	476.40	560.20
30	120.04	0.2946	21.27	59.993	23.9	57.0	14.6	0	476.40	552.67
31	120.04	0.2863	20.60	59.993	23.9	57.0	14.6	0	466.15	540.88
32	120.04	0.2902	20.92	59.993	23.9	57.0	14.6	0	447.89	513.69
33	120.04	0.2904	20.93	59.993	23.9	57.0	14.6	0	434.57	509.45
34	120.04	0.2890	20.82	59.993	23.9	57.0	14.6	0	408.78	498.67
35	120.04	0.2882	20.75	59.992	23.9	57.0	14.6	0	390.31	489.05
36	120.04	0.2918	21.05	59.993	23.9	57.0	14.6	0	374.90	478.18
37	120.03	0.2956	21.36	59.993	23.9	57.0	14.6	0	368.77	465.77
38	120.04	0.2971	21.48	59.993	23.9	57.0	14.6	0	368.46	466.08
39	120.04	0.2949	21.29	59.993	23.9	57.0	14.6	0	369.13	465.15
40	120.04	0.2940	21.23	59.994	23.9	57.0	14.6	0	362.84	464.80
41	120.04	0.2975	21.51	59.993	23.9	57.0	14.6	0	360.90	471.66
42	120.03	0.3008	21.78	59.993	23.9	57.0	14.6	0	371.84	486.48
43	120.03	0.3036	22.02	59.993	23.9	57.0	14.6	0	388.99	499.65
44	120.03	0.3023	21.90	59.992	23.9	57.0	14.6	0	396.86	508.13

High

A Axis

45	120.03	0.3019	21.87	59.992	23.9	57.0	14.6	0	411.11	508.44
46	120.03	0.3057	22.18	59.992	23.9	57.0	14.6	0	428.68	524.79
47	120.03	0.3059	22.19	59.992	23.9	57.0	14.6	0	435.89	528.08
48	120.03	0.3045	22.09	59.993	23.9	57.0	14.6	0	442.84	534.67
49	120.04	0.3010	21.80	59.993	23.9	57.0	14.6	0	452.11	545.12
50	120.04	0.2942	21.23	59.993	23.9	57.0	14.6	0	456.35	546.39
51	120.03	0.2985	21.59	59.992	23.9	57.0	14.6	0	465.53	553.37
52	120.04	0.3003	21.74	59.993	23.9	57.0	14.6	0	468.45	564.83
53	120.03	0.2998	21.69	59.993	23.9	57.0	14.6	0	463.21	564.83
54	120.04	0.2948	21.28	59.993	23.9	57.0	14.6	0	458.98	559.19
55	120.04	0.2930	21.14	59.993	23.9	57.0	14.6	0	450.45	556.24
56	120.04	0.2925	21.10	59.993	23.9	57.0	14.6	0	435.63	551.32
57	120.04	0.2935	21.17	59.993	23.9	57.0	14.6	0	425.73	545.15
58	120.03	0.2953	21.32	59.993	23.9	57.0	14.6	0	419.49	536.27
59	120.04	0.2982	21.55	59.993	23.9	57.0	14.6	0	402.88	532.34
60	120.04	0.2932	21.15	59.993	23.9	57.0	14.6	0	404.51	530.72
61	120.04	0.2942	21.24	59.992	23.9	57.0	14.6	0	399.89	526.14
62	120.04	0.2956	21.35	59.992	23.9	57.0	14.6	0	393.60	513.38
63	120.04	0.2965	21.42	59.993	23.9	57.0	14.6	0	398.18	514.39
64	120.03	0.2987	21.61	59.992	23.9	57.0	14.6	0	396.86	514.65
65	120.04	0.2970	21.46	59.992	23.9	57.0	14.6	0	401.10	516.02
66	120.03	0.2978	21.54	59.992	23.9	57.0	14.6	0	408.47	521.25
67	120.03	0.2999	21.71	59.992	23.9	57.0	14.6	0	414.94	524.79
68	120.04	0.3006	21.76	59.993	23.9	57.0	14.6	0	420.53	527.30
69	120.03	0.3054	22.15	59.992	23.9	57.0	14.6	0	429.96	531.65
70	120.04	0.2968	21.45	59.993	23.9	57.0	14.6	0	429.34	539.56
71	120.03	0.2999	21.70	59.993	23.9	57.0	14.6	0	429.65	538.60
72	120.04	0.2951	21.31	59.993	23.9	57.0	14.6	0	430.27	545.46
73	120.04	0.2944	21.25	59.993	23.9	57.0	14.6	0	429.30	529.05
74	120.03	0.3000	21.72	59.993	23.9	57.0	14.6	0	428.64	526.11
75	120.03	0.2998	21.69	59.993	23.9	57.0	14.6	0	426.70	524.79
76	120.03	0.3005	21.75	59.993	23.9	57.0	14.6	0	429.99	525.10
77	120.03	0.3005	21.75	59.992	23.9	57.0	14.6	0	428.64	524.79
78	120.03	0.3004	21.73	59.993	23.9	57.0	14.6	0	429.99	520.08
79	120.03	0.2953	21.32	59.992	23.9	57.0	14.6	0	437.26	511.75
80	120.04	0.2964	21.41	59.992	23.9	57.0	14.6	0	439.23	511.08
81	120.03	0.2975	21.50	59.993	23.9	57.0	14.6	0	439.90	507.17
82	120.04	0.2961	21.39	59.993	23.9	57.0	14.6	0	437.60	500.92
83	120.04	0.2997	21.68	59.993	23.9	57.0	14.6	0	434.57	508.80
84	120.03	0.2977	21.52	59.993	23.9	57.0	14.6	0	431.31	505.54
85	120.03	0.2990	21.63	59.994	23.9	57.0	14.6	0	436.25	506.86
86	120.03	0.2972	21.47	59.993	23.9	57.0	14.6	0	432.99	500.58
87	120.04	0.2977	21.52	59.994	23.9	57.0	14.6	0	432.99	500.89
88	120.04	0.2981	21.56	59.992	23.9	57.0	14.6	0	430.27	511.08
89	120.03	0.3033	21.97	59.994	23.9	57.0	14.6	0	421.82	516.02
90	120.03	0.2956	21.35	59.993	23.9	57.0	14.6	0	422.82	513.72
91	120.04	0.2910	20.97	59.993	23.9	57.0	14.6	0	420.53	508.13
92	120.03	0.2924	21.08	59.992	23.9	57.0	14.6	0	419.18	505.85
93	120.04	0.2947	21.27	59.992	23.9	57.0	14.6	0	418.51	503.21
94	120.03	0.2922	21.06	59.992	23.9	57.0	14.6	0	416.26	496.81
95	120.04	0.2935	21.17	59.992	23.9	57.0	14.6	0	403.53	497.04
96	120.03	0.3000	21.71	59.992	23.9	57.0	14.6	0	401.87	501.23
97	120.03	0.3038	22.03	59.992	23.9	57.0	14.6	0	396.83	498.64

High	R	Avic	98	120.03	0.3063	22.22	59.993	23.9	57.0	14.6	0	398.34	500.89
			99	120.03	0.3068	22.26	59.993	23.9	57.0	14.6	0	408.16	508.18
			100	120.04	0.2986	21.58	59.993	23.9	57.0	14.6	0	415.95	516.36
			1	120.04	0.2888	20.78	59.992	23.9	57.0	14.6	0	302.86	486.41
			2	120.05	0.2792	20.01	59.993	23.9	57.0	14.6	0	304.83	476.16
			3	120.05	0.2797	20.05	59.993	23.9	57.0	14.6	0	299.94	475.20
			4	120.04	0.2852	20.51	59.993	23.9	57.0	14.6	0	300.56	470.81
			5	120.04	0.2979	21.54	59.993	23.9	57.0	14.6	0	307.83	469.49
			6	120.03	0.3062	22.23	59.992	23.9	57.0	14.6	0	310.65	467.21
			7	120.03	0.3139	22.85	59.994	23.9	57.0	14.6	0	317.56	471.48
			8	120.03	0.3062	22.21	59.993	23.9	57.0	14.6	0	320.94	470.16
			9	120.03	0.3017	21.84	59.993	23.9	57.0	14.6	0	318.30	476.52
			10	120.03	0.3028	21.93	59.992	23.9	57.0	14.6	0	310.46	487.42
			11	120.03	0.3038	22.02	59.993	23.9	57.0	14.6	0	309.49	488.08
			12	120.03	0.3041	22.04	59.994	23.9	57.0	14.6	0	307.16	491.03
			13	120.03	0.3023	21.90	59.993	23.9	57.0	14.6	0	313.68	498.05
			14	120.04	0.2940	21.21	59.992	23.9	57.0	14.6	0	308.83	502.36
			15	120.04	0.2896	20.85	59.990	23.9	57.0	14.6	0	307.47	503.68
			16	120.04	0.2925	21.09	59.993	23.9	57.0	14.6	0	304.88	502.63
			17	120.03	0.2990	21.62	59.992	23.9	57.0	14.6	0	306.20	500.65
			18	120.04	0.3022	21.88	59.992	23.9	57.0	14.6	0	322.52	512.32
			19	120.03	0.3035	21.99	59.992	23.9	57.0	14.6	0	356.36	525.95
			20	120.04	0.3009	21.78	59.992	23.9	57.0	14.6	0	365.74	535.50
			21	120.04	0.2996	21.67	59.993	23.9	57.0	14.6	0	381.81	551.56
			22	120.04	0.2983	21.57	59.993	23.9	57.0	14.6	0	398.02	553.19
			23	120.04	0.2938	21.19	59.992	23.9	57.0	14.6	0	417.89	557.72
			24	120.04	0.2954	21.32	59.993	23.9	57.0	14.6	0	445.09	574.37
			25	120.04	0.2892	20.82	59.993	23.9	57.0	14.6	0	466.46	581.77
			26	120.04	0.2828	20.29	59.993	23.9	57.0	14.6	0	484.55	596.49
			27	120.04	0.2865	20.61	59.993	23.9	57.0	14.6	0	492.15	601.45
			28	120.04	0.2880	20.73	59.992	23.9	57.0	14.6	0	481.95	600.44
			29	120.04	0.2879	20.72	59.993	23.9	57.0	14.6	0	476.40	593.26
			30	120.04	0.2878	20.71	59.992	23.9	57.0	14.6	0	476.40	594.89
			31	120.04	0.2911	20.98	59.992	23.9	57.0	14.6	0	466.15	591.91
			32	120.04	0.2942	21.24	59.993	23.9	57.0	14.6	0	447.89	585.08
			33	120.03	0.3002	21.73	59.994	23.9	57.0	14.6	0	434.57	580.45
			34	120.03	0.2949	21.28	59.993	23.9	57.0	14.6	0	408.78	569.67
			35	120.04	0.2896	20.86	59.993	23.9	57.0	14.6	0	390.31	561.02
			36	120.04	0.2862	20.59	59.993	23.9	57.0	14.6	0	374.90	556.79
			37	120.05	0.2795	20.04	59.993	23.9	57.0	14.6	0	368.77	548.87
			38	120.05	0.2791	20.01	59.994	23.9	57.0	14.6	0	368.46	549.23
			39	120.05	0.2771	19.84	59.993	23.9	57.0	14.6	0	369.13	547.91
			40	120.05	0.2780	19.93	59.993	23.9	57.0	14.6	0	362.84	542.01
			41	120.05	0.2789	20.00	59.993	23.9	57.0	14.6	0	360.90	544.65
			42	120.04	0.2824	20.29	59.993	23.9	57.0	14.6	0	371.84	546.51
			43	120.04	0.2827	20.31	59.992	23.9	57.0	14.6	0	388.99	550.24
			44	120.04	0.2873	20.69	59.993	23.9	57.0	14.6	0	396.86	556.76
			45	120.05	0.2859	20.57	59.993	23.9	57.0	14.6	0	411.11	556.40
			46	120.04	0.2887	20.80	59.993	23.9	57.0	14.6	0	428.68	559.39
			47	120.04	0.2933	21.17	59.993	23.9	57.0	14.6	0	435.89	576.50
			48	120.04	0.2949	21.31	59.993	23.9	57.0	14.6	0	442.84	573.55
			49	120.03	0.2995	21.69	59.992	23.9	57.0	14.6	0	452.11	575.88
			50	120.03	0.2979	21.56	59.993	23.9	57.0	14.6	0	456.35	577.51

Region	Country	Economic Indicators (2018-2022)												
		GDP (Bn USD)	Population (Mn)	Unemployment (%)	Inflation (%)	Interest Rate (%)	Trade Balance (Bn USD)	FDI Inflow (Bn USD)	Debt-to-GDP (%)	Life Expectancy (Years)	Human Development Index			
North America	USA	51	120.03	0.3047	22.12	59.993	23.9	57.0	14.6	0	465.53	576.54		
		52	120.03	0.3101	22.55	59.992	23.9	57.0	14.6	0	468.45	578.83		
		53	120.03	0.3049	22.12	59.993	23.9	57.0	14.6	0	463.21	580.45		
		54	120.03	0.3040	22.03	59.992	23.9	57.0	14.6	0	458.98	577.20		
		55	120.03	0.3002	21.73	59.993	23.9	57.0	14.6	0	450.45	577.20		
		56	120.03	0.3007	21.77	59.993	23.9	57.0	14.6	0	435.63	576.54		
		57	120.03	0.3033	21.98	59.993	23.9	57.0	14.6	0	425.73	565.01		
		58	120.03	0.3015	21.83	59.993	23.9	57.0	14.6	0	419.49	563.66		
		59	120.04	0.2985	21.57	59.993	23.9	57.0	14.6	0	402.88	553.53		
		60	120.03	0.2996	21.67	59.993	23.9	57.0	14.6	0	404.51	548.87		
		61	120.03	0.2988	21.61	59.992	23.9	57.0	14.6	0	399.89	550.86		
		62	120.03	0.2998	21.68	59.993	23.9	57.0	14.6	0	393.60	543.98		
		63	120.03	0.3011	21.79	59.992	23.9	57.0	14.6	0	398.18	545.23		
		64	120.03	0.3055	22.15	59.993	23.9	57.0	14.6	0	396.86	545.54		
		65	120.03	0.3031	21.95	59.993	23.9	57.0	14.6	0	401.10	545.89		
		66	120.03	0.3004	21.73	59.993	23.9	57.0	14.6	0	408.47	543.98		
		67	120.04	0.2991	21.63	59.992	23.9	57.0	14.6	0	414.94	545.46		
		68	120.04	0.2964	21.41	59.992	23.9	57.0	14.6	0	420.53	551.90		
		69	120.04	0.2985	21.59	59.993	23.9	57.0	14.6	0	429.96	553.50		
		70	120.03	0.2972	21.47	59.993	23.9	57.0	14.6	0	429.34	557.72		
		71	120.04	0.2953	21.32	59.993	23.9	57.0	14.6	0	429.65	559.71		
		72	120.04	0.2939	21.19	59.993	23.9	57.0	14.6	0	430.27	563.62		
		73	120.04	0.2900	20.88	59.992	23.9	57.0	14.6	0	429.30	563.66		
		74	120.04	0.2911	20.97	59.993	23.9	57.0	14.6	0	428.64	561.65		
		75	120.04	0.2949	21.29	59.992	23.9	57.0	14.6	0	426.70	561.33		
		76	120.04	0.2958	21.36	59.993	23.9	57.0	14.6	0	429.99	563.00		
		77	120.03	0.3025	21.91	59.993	23.9	57.0	14.6	0	428.64	566.30		
		78	120.03	0.3034	21.97	59.993	23.9	57.0	14.6	0	429.99	568.89		
		79	120.03	0.3050	22.11	59.993	23.9	57.0	14.6	0	437.26	567.23		
		80	120.03	0.3045	22.06	59.993	23.9	57.0	14.6	0	439.23	571.19		
		81	120.03	0.3040	22.03	59.993	23.9	57.0	14.6	0	439.90	570.26		
		82	120.03	0.3014	21.81	59.993	23.9	57.0	14.6	0	437.60	566.61		
		83	120.04	0.2969	21.44	59.994	23.9	57.0	14.6	0	434.57	566.92		
		84	120.04	0.2951	21.28	59.993	23.9	57.0	14.6	0	431.31	574.53		
		85	120.04	0.2960	21.37	59.993	23.9	57.0	14.6	0	436.25	575.22		
		86	120.03	0.2991	21.63	59.993	23.9	57.0	14.6	0	432.99	568.27		
		87	120.03	0.3004	21.73	59.992	23.9	57.0	14.6	0	432.99	566.30		
		88	120.03	0.3007	21.75	59.993	23.9	57.0	14.6	0	430.27	562.65		
		89	120.03	0.3011	21.79	59.992	23.9	57.0	14.6	0	421.82	568.63		
		90	120.03	0.2941	21.20	59.993	23.9	57.0	14.6	0	422.82	567.15		
		91	120.04	0.2931	21.14	59.993	23.9	57.0	14.6	0	420.53	567.93		
		92	120.04	0.2973	21.47	59.993	23.9	57.0	14.6	0	419.18	563.31		
		93	120.03	0.3003	21.72	59.993	23.9	57.0	14.6	0	418.51	559.04		
		94	120.04	0.2964	21.41	59.993	23.9	57.0	14.6	0	416.26	547.21		
		95	120.04	0.2994	21.65	59.993	23.9	57.0	14.6	0	403.53	547.21		
		96	120.04	0.2978	21.51	59.992	23.9	57.0	14.6	0	401.87	548.87		
		97	120.04	0.2992	21.63	59.992	23.9	57.0	14.6	0	396.83	562.34		
		98	120.03	0.3000	21.70	59.993	23.9	57.0	14.6	0	398.34	566.30		
		99	120.03	0.2990	21.62	59.992	23.9	57.0	14.6	0	408.16	569.95		
		100	120.04	0.2964	21.40	59.992	23.9	57.0	14.6	0	415.95	571.97		
		Europe	Germany	1									302.86	497.13
				2									304.83	490.23
				3									299.94	486.58

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[illegible]

SEN3#	SEN4#	SEN5#	SEN6#	SEN7#	SEN8#	SEN9#	SEN10 #	SEN11 #	SEN12 #
113.21	93.46								
111.89	93.46								
110.26	96.10								
106.70	98.42								
103.05	101.37								
102.04	106.07								
100.75	109.26								
103.39	111.97								
103.75	115.93								
102.07	115.26								
103.05	112.90								
104.29	113.56								
103.05	117.20								
102.69	114.92								
105.69	112.24								
106.54	111.89								
105.69	111.54								
104.06	113.91								
104.32	107.70								
106.62	107.32								
107.63	106.39								
106.34	110.26								
108.98	106.73								
110.61	107.01								
108.98	105.69								
110.89	99.04								
109.57	98.08								
108.28	97.07								
104.68	99.01								
100.41	102.69								
97.07	104.71								
96.38	104.68								
90.82	99.04								
87.22	95.09								
82.02	94.08								
75.73	93.46								
73.75	92.11								
75.07	90.12								
75.07	86.52								
72.43	76.62								
69.84	66.73								
70.18	66.11								
77.71	72.04								
87.22	75.35								
90.17	80.62								
95.44	85.23								
98.08	82.59								
101.81	84.22								
103.75	86.52								

Low 1st	Max. RPM	
	Frequency(Hz)	
	Sensor #	Sensor Dist. From
	1	0
	2	4
	3	8
	4	12
	5	16
	6	20
	7	24
	8	28
	9	32
	10	36
	11	40
	12	44

Low 2nd	Max. RPM	
	Frequency(Hz)	
	Sensor #	Sensor Dist. From
	1	0
	2	4
	3	8
	4	12
	5	16
	6	20
	7	24
	8	28
	9	32
	10	36
	11	40
	12	44

High 1st	Max. RPM	
	Frequency(Hz)	
	Sensor #	Sensor Dist. From
	1	0
	2	4
	3	8
	4	12
	5	16
	6	20
	7	24
	8	28

103.05	87.84								
103.70	88.77								
102.38	84.97								
93.15	79.61								
84.35	73.98								
83.37	72.35								
81.09	71.65								
78.71	70.38								
76.70	67.00								
79.18	66.03								
81.35	64.36								
83.06	64.02								
87.56	68.36								
90.20	67.07								
93.15	68.01								
98.19	65.34								
98.08	64.02								
101.42	63.35								
99.12	59.86								
97.07	58.31								
99.12	59.67								
98.78	62.31								
99.12	64.02								
107.32	69.71								
104.06	67.39								
102.07	66.35								
104.40	64.98								
102.04	64.36								
102.07	63.35								
109.26	65.99								
112.59	68.70								
116.55	70.72								
116.19	68.36								
115.57	65.34								
113.24	61.69								
105.33	59.16								
104.06	57.30								
101.76	57.30								
105.02	57.34								
101.11	54.32								
99.74	52.69								
101.76	53.34								
100.95	60.01								
106.70	59.36								
114.84	63.01								
124.50	72.71								
128.73	74.65								
134.24	83.53								
135.17	96.14								
136.88	100.02								
138.20	106.03								
142.31	125.43								
137.97	120.74								

	9	32
	10	36
	11	40
	12	44

High 2nd	Max. RPM	
	Frequency(Hz)	
	Sen sor #	Sensor Dist. From
	1	0
	2	4
	3	8
	4	12
	5	16
	6	20
	7	24
	8	28
	9	32
	10	36
	11	40
12	44	

12
0.0873
0.6981
1.3963

127.57	116.40								
120.69	117.09								
117.28	123.07								
109.83	123.07								
108.82	120.74								
103.20	115.70								
103.86	118.10								
106.57	114.02								
107.86	113.76								
109.52	116.35								
111.82	112.05								
111.82	105.41								
109.02	103.93								
107.89	94.44								
107.86	94.78								
108.56	93.15								
103.20	89.47								
100.60	88.18								
97.57	86.01								
93.35	89.47								
92.34	92.45								
92.99	100.75								
89.73	107.39								
89.34	108.05								
82.80	105.69								
80.47	112.75								
78.09	113.68								
80.73	115.70								
81.79	119.27								
85.08	116.35								
85.08	118.06								
83.45	117.79								
82.80	119.42								
81.79	120.74								
83.80	128.07								
83.76	130.36								
83.80	130.70								
83.14	127.80								
80.47	121.78								
77.75	116.35								
77.39	114.02								
76.12	110.03								
73.10	101.42								
72.79	97.80								
68.52	92.81								
63.01	76.28								
57.27	69.40								
55.33	69.76								
51.99	62.50								
45.35	60.17								
40.97	55.12								
37.71	51.06								
34.10	42.14								

36.73	43.76								
41.00	52.07								
44.96	56.49								
52.64	63.47								
57.92	71.39								
61.22	78.79								
66.84	83.14								
69.14	87.17								
70.15	89.62								
79.77	96.14								
84.43	97.46								
85.74	95.13								
90.32	97.10								
91.33	98.42								
90.66	93.46								
88.03	90.79								
87.37	87.17								
86.71	84.19								
82.75	80.24								
80.11	75.92								
78.09	72.04								
75.77	71.39								
76.12	64.82								
77.08	60.84								
83.45	59.83								
87.06	68.13								
93.04	77.29								
97.57	80.78								
105.56	95.79								
108.56	99.79								
103.90	102.38								
102.58	105.69								
101.92	108.71								
101.26	112.70								
98.27	112.28								
94.82	114.02								
95.60	114.02								
95.60	117.09								
94.67	115.70								
92.99	118.06								
96.95	118.06								
99.17	118.41								
92.34	115.03								
89.97	112.05								
84.11	106.73								
130.73	101.76								
128.14	97.76								
124.76	93.46								
124.76	94.16								
124.76	92.14								
124.76	96.10								
121.11	101.76								
117.85	105.02								

115.49	108.00								
113.74	110.48								
109.78	112.89								
108.82	110.56								
109.13	113.20								
109.78	113.87								
106.52	112.89								
102.30	109.91								
100.32	108.62								
99.62	108.00								
98.97	108.00								
97.60	103.39								
95.94	99.08								
94.62	97.76								
88.10	96.44								
81.12	97.76								
72.51	98.92								
71.81	97.41								
71.50	98.07								
67.88	101.09								
64.59	95.12								
58.96	95.43								
58.26	95.48								
56.24	94.81								
57.61	94.47								
57.95	91.47								
57.61	90.12								
60.28	86.50								
60.28	89.11								
58.62	86.50								
57.61	85.42								
56.94	83.53								
57.06	83.84								
62.61	83.53								
61.95	85.19								
64.59	84.53								
64.28	84.84								
65.55	81.82								
66.53	79.49								
69.20	80.50								
67.85	78.17								
66.53	78.17								
64.59	76.85								
59.63	74.87								
56.60	70.83								
53.34	69.51								
52.98	69.48								
51.66	72.20								
53.99	75.92								
59.31	81.15								
63.58	81.82								
66.22	82.47								
70.83	81.15								

77.43	88.13								
80.42	90.77								
82.75	93.46								
86.43	98.07								
89.73	97.76								
90.04	95.43								
93.02	95.27								
94.96	96.10								
95.27	97.76								
101.29	106.68								
103.27	111.23								
105.87	112.89								
105.87	109.29								
107.15	108.62								
109.44	111.57								
115.81	112.24								
114.44	114.21								
115.49	112.89								
115.84	113.87								
118.79	114.87								
113.09	114.21								
111.07	114.52								
116.69	117.16								
115.14	117.51								
111.72	118.55								
105.52	118.21								
104.55	119.22								
103.23	120.18								
97.29	120.49								
90.38	116.85								
85.47	115.22								
85.42	118.55								
80.06	118.86								
78.43	115.22								
75.41	111.88								
78.75	116.04								
78.43	117.51								
78.43	114.87								
78.43	113.56								
112.16	126.36								
111.46	132.18								
106.84	130.01								
101.95	126.36								
100.16	125.38								
94.89	112.19								
93.22	111.88								
91.21	108.23								
96.20	105.25								
98.19	107.92								
103.55	109.91								
103.86	110.56								
99.20	113.48								
102.57	107.92								

101.87	105.95								
101.87	109.24								
100.86	107.46								
102.92	109.24								
103.86	111.54								
102.88	112.81								
103.23	112.81								
105.17	111.54								
106.84	103.58								
100.86	106.26								
96.20	106.91								
92.87	105.59								
89.22	105.90								
83.29	100.32								
80.92	94.34								
74.21	88.10								
74.21	87.51								
68.94	85.81								
65.13	89.07								
64.62	89.07								
69.59	88.10								
74.21	88.41								
85.62	93.02								
90.85	103.58								
95.24	110.22								
96.90	114.49								
99.51	119.41								
103.55	127.01								
103.55	128.69								
102.88	130.66								
99.85	131.32								
98.19	133.06								
91.36	125.69								
89.53	125.69								
77.19	124.06								
75.18	120.07								
71.22	119.41								
70.57	119.41								
75.18	120.77								
78.87	125.04								
84.02	126.36								
87.25	130.35								
86.58	133.61								
94.54	133.96								
102.23	137.56								
104.51	138.18								
108.20	138.57								
109.16	137.92								
111.80	137.56								
113.12	140.25								
113.12	141.80								
111.15	140.90								
112.47	142.76								

110.48	144.39								
110.48	146.69								
118.37	150.60								
123.52	148.97								
126.16	151.92								
129.49	150.29								
128.17	149.95								
132.18	148.32								
136.21	145.37								
137.38	143.38								
137.07	140.64								
137.38	139.89								
138.39	139.24								
140.05	138.23								
139.39	137.25								
143.04	140.56								
145.68	141.83								
144.70	141.52								
146.64	147.00								
142.03	148.32								
145.68	148.97								
146.02	150.44								
142.68	148.97								
138.39	151.92								
136.40	154.87								
137.72	154.22								
131.87	151.92								
131.51	146.69								
130.50	145.37								
134.46	150.96								
138.73	150.96								
134.46	147.65								
128.17	144.39								
112.86	115.93								
112.55	116.24								
111.62	119.50								
112.55	120.51								
111.54	122.14								
115.49	124.11								
115.54	129.38								
114.14	130.70								
115.23	128.45								
110.61	126.13								
108.95	123.80								
109.57	121.28								
102.07	116.24								
102.69	115.93								
104.06	112.62								
100.75	112.59								
102.04	110.30								
102.38	108.01								
104.06	114.53								
102.38	117.59								

102.04	120.15								
99.79	121.94								
102.30	122.79								
99.71	124.78								
99.74	124.78								
102.69	122.09								
99.12	128.11								
99.74	130.01								
95.40	127.06								
93.15	127.13								
90.56	125.78								
84.61	117.59								
77.39	114.18								
75.73	112.59								
70.49	109.91								
67.54	109.26								
68.86	109.60								
62.96	104.40								
63.01	104.40								
62.65	99.04								
62.62	98.11								
62.31	93.81								
58.43	92.11								
55.79	90.48								
54.19	84.19								
50.28	80.65								
44.77	76.62								
43.49	70.41								
39.22	63.35								
37.25	62.70								
37.56	59.63								
38.26	64.33								
43.41	66.03								
45.08	68.67								
45.43	69.60								
45.74	68.70								
49.97	72.35								
50.90	75.30								
51.91	76.98								
52.56	81.90								
53.85	85.20								
54.50	88.80								
54.19	92.11								
53.85	94.44								
57.42	104.52								
65.21	110.26								
69.84	113.60								
75.38	121.83								
81.71	125.78								
87.87	127.06								
92.81	125.78								
97.46	126.13								
103.39	124.85								

109.91	123.49								
109.91	126.13								
107.63	120.51								
108.98	113.60								
111.23	111.62								
116.55	107.35								
118.83	107.66								
121.16	108.64								
119.19	114.25								
117.17	118.57								
117.20	119.50								
121.16	117.90								
123.15	123.49								
120.15	128.45								
117.67	131.01								
119.19	134.71								
117.51	132.41								
114.14	132.72								
118.18	130.70								
122.84	131.71								
121.83	130.05								
121.94	119.84								
123.46	111.89								
124.78	107.66								
123.49	98.78								
116.55	95.44								
116.89	94.12								
109.88	91.49								
115.81	103.05								
114.18	107.04								
111.46	110.73								
116.04	119.73								
118.10	119.06								
125.24	116.35								
124.26	111.69								
128.61	113.06								
134.32	113.76								
131.60	113.52								
129.12	111.07								
123.25	105.69								
122.91	101.42								
121.98	99.48								
120.69	100.13								
121.05	104.71								
122.63	105.07								
118.80	101.42								
117.17	100.13								
117.82	95.83								
120.38	95.48								
119.45	97.46								
117.82	107.39								
112.47	111.43								
112.16	112.70								

106.57	106.03								
105.22	102.07								
102.92	102.74								
99.59	101.42								
96.61	98.78								
86.71	93.12								
83.76	89.11								
83.45	83.80								
82.49	80.47								
80.78	79.10								
81.43	86.83								
78.53	89.47								
74.76	86.83								
75.42	84.89								
76.12	85.51								
82.49	88.18								
85.08	89.47								
83.80	88.80								
84.11	84.53								
81.79	77.21								
80.11	73.02								
76.74	66.84								
73.44	65.13								
70.77	62.50								
68.16	59.83								
64.82	58.85								
62.50	59.47								
62.50	54.86								
62.19	58.15								
63.82	60.84								
67.46	71.39								
68.16	75.30								
70.77	83.49								
70.77	85.20								
70.38	87.53								
66.50	84.53								
65.13	81.79								
64.13	77.29								
63.16	71.39								
64.48	67.12								
65.13	64.82								
70.49	65.80								
76.39	65.49								
78.71	67.46								
87.17	67.46								
95.60	74.99								
97.23	78.53								
100.95	84.89								
101.26	90.12								
103.55	95.48								
105.53	97.07								
105.17	93.15								
100.29	86.21								

97.93	83.49								
90.32	74.65								
86.71	66.84								
91.33	67.46								
90.66	62.50								
92.68	57.84								
96.95	57.50								
97.93	60.84								
101.92	63.16								
104.21	66.50								
108.87	80.11								
114.18	84.19								
118.44	89.47								
113.17	86.21								
113.14	92.45								
113.48	98.11								
111.46	104.06								
107.89	103.39								
100.95	106.39								
103.55	111.43								
104.86	111.43								
123.10	114.87								
125.43	113.87								
126.47	113.56								
132.02	111.88								
130.39	108.62								
130.08	108.00								
130.70	111.23								
127.83	112.24								
121.42	117.85								
119.45	121.19								
109.44	123.18								
105.56	121.19								
103.27	117.16								
100.32	120.23								
95.86	123.49								
96.28	115.88								
96.95	116.53								
92.37	108.62								
95.94	101.40								
98.30	98.73								
102.92	98.42								
104.55	95.79								
104.24	95.12								
104.55	94.47								
103.93	100.39								
100.63	100.75								
95.27	99.74								
95.94	96.67								
91.39	99.08								
80.11	91.13								
73.47	88.13								
72.51	87.48								

65.55	88.80								
59.63	86.82								
59.97	82.16								
59.27	77.50								
57.95	78.48								
55.28	83.17								
52.67	81.85								
51.35	79.83								
49.07	79.83								
50.66	79.49								
50.03	80.42								
53.37	83.84								
51.66	85.50								
53.99	90.82								
55.28	89.11								
56.24	85.54								
55.93	83.84								
55.28	84.49								
52.33	84.49								
49.38	81.15								
47.75	79.13								
45.81	72.51								
45.50	65.13								
40.49	57.10								
38.52	57.45								
35.88	57.10								
35.37	54.50								
39.53	56.13								
39.87	57.10								
40.54	57.45								
42.17	57.79								
46.46	62.14								
50.70	66.14								
55.93	69.48								
67.18	72.85								
72.51	83.84								
75.10	90.77								
80.42	91.47								
85.47	93.80								
91.36	103.39								
94.16	110.56								
101.29	111.23								
101.95	119.53								
101.64	120.18								
102.30	121.19								
104.24	119.87								
103.27	121.19								
101.95	122.82								
102.92	121.86								
101.29	121.81								
97.60	120.54								
97.29	117.51								
100.32	116.53								

102.92	117.00								
103.27	113.20								
97.96	110.25								
99.98	111.88								
102.96	107.81								
109.44	103.08								
111.77	98.73								
112.42	96.44								
112.78	97.76								
109.13	97.76								
108.46	91.13								
112.73	96.13								
112.42	96.10								
117.20	96.44								
118.83	98.81								
120.00	107.58								
121.31	110.56								
118.71	113.79								
117.39	115.49								
112.11	120.46								
110.14	121.42								
111.85	117.78								
113.48	118.44								
111.46	120.41								
112.78	117.20								
102.96	113.48								
103.23	112.19								
97.21	109.91								
94.89	107.58								
80.58	104.24								
76.88	104.24								
74.87	101.95								
73.86	100.63								
68.94	102.61								
66.30	106.11								
65.29	109.24								
60.28	111.54								
60.28	113.12								
61.64	114.72								
66.95	112.50								
67.23	112.19								
62.96	113.48								
62.61	113.79								
64.28	113.48								
62.96	110.56								
62.61	108.23								
65.94	98.30								
64.59	96.33								
66.25	94.00								
59.97	93.02								
58.88	92.37								
54.92	90.07								
57.25	85.81								

54.92	80.58								
51.56	76.26								
49.23	76.31								
44.18	71.34								
38.63	69.01								
38.63	66.38								
38.98	66.38								
39.95	66.38								
40.61	65.40								
39.29	66.38								
38.63	68.16								
38.63	70.02								
37.67	73.62								
38.63	73.62								
38.98	72.04								
37.98	71.34								
35.34	66.07								
34.98	63.12								
34.98	62.81								
33.63	61.18								
34.33	59.19								
38.98	62.81								
41.27	63.77								
41.62	65.40								
41.62	70.02								
40.61	71.14								
42.32	81.23								
43.21	83.17								
45.84	91.63								
53.22	97.65								
59.27	106.29								
60.28	109.55								
64.93	114.83								
77.19	128.02								
84.33	135.59								
85.62	138.57								
92.53	141.21								
102.54	142.45								
106.84	146.69								
106.84	145.68								
104.51	140.59								
107.50	138.26								
101.17	136.60								
98.84	129.77								
93.88	125.38								
92.87	122.43								
96.20	118.44								
96.56	113.48								
98.19	109.24								
102.88	107.92								
107.84	112.19								
108.85	112.81								
114.10	114.18								

123.83	117.78								
135.44	125.69								
135.08	125.69								
140.05	127.32								
138.39	138.81								
141.37	139.58								
141.72	141.83								
139.74	139.89								
132.18	140.87								
509.30	424.02								
501.00	431.16								
498.98	452.23								
491.68	456.61								
484.86	463.21								
482.22	459.95								
478.57	464.21								
483.85	468.48								
486.53	467.86								
478.57	451.30								
481.52	449.67								
479.58	426.94								
489.43	411.73								
497.01	414.06								
505.96	422.93								
508.91	422.93								
510.51	402.11								
505.57	378.98								
508.60	373.01								
520.86	379.99								
529.63	378.63								
539.95	381.93								
533.94	379.29								
545.58	381.57								
549.34	369.28								
546.20	367.65								
546.82	379.29								
562.65	399.50								
567.88	405.47								
567.85	416.03								
558.34	405.09								
560.36	400.51								
560.64	407.80								
552.41	413.12								
553.73	416.62								
553.42	424.30								
558.03	424.22								
557.69	417.58								
562.96	405.09								
553.37	403.46								
558.00	402.49								
552.80	412.74								
554.04	413.39								
556.06	401.80								

558.00	408.78								
560.33	401.13								
558.39	394.19								
561.02	415.38								
559.35	410.05								
573.52	403.46								
569.79	382.89								
573.52	381.26								
572.85	374.98								
576.54	381.96								
584.15	379.99								
585.81	388.56								
590.08	388.99								
576.54	376.96								
560.33	379.63								
554.04	382.89								
556.68	406.76								
548.14	411.45								
543.91	410.44								
526.37	397.87								
512.22	400.17								
504.64	389.23								
497.35	389.38								
506.35	393.52								
514.54	402.11								
513.54	399.19								
517.26	388.22								
514.57	377.00								
517.26	372.31								
532.27	382.89								
541.94	387.24								
546.47	395.15								
552.80	407.88								
558.34	410.75								
559.71	411.45								
567.88	418.63								
558.70	416.34								
567.23	422.59								
572.51	424.84								
570.60	424.30								
569.13	421.30								
570.13	425.93								
573.16	410.44								
574.56	399.81								
569.79	395.15								
569.48	386.28								
586.79	398.54								
588.42	404.78								
578.90	412.43								
574.17	413.44								
566.25	413.08								
557.69	393.49								
551.79	386.59								

539.61	381.93								
542.63	381.93								
543.91	374.98								
513.77	349.65								
521.22	381.08								
517.29	386.77								
517.60	398.65								
518.27	407.54								
513.61	403.92								
520.94	417.86								
513.95	416.23								
519.23	421.51								
520.94	399.27								
515.71	396.36								
516.64	377.04								
513.61	374.67								
509.66	374.33								
499.68	364.97								
506.27	373.35								
509.30	374.40								
522.85	372.70								
531.46	361.29								
523.19	355.94								
525.17	350.30								
517.21	354.62								
533.12	359.82								
539.84	355.66								
545.19	364.97								
533.48	359.58								
517.88	341.66								
506.97	336.30								
499.68	327.30								
495.30	325.67								
497.32	317.63								
508.65	311.32								
500.03	309.30								
495.30	302.01								
494.63	299.99								
502.28	299.32								
522.92	320.97								
527.15	318.26								
522.85	321.33								
536.15	332.66								
534.41	333.36								
530.76	332.30								
528.15	328.93								
534.44	325.32								
525.13	311.01								
525.17	312.64								
497.01	284.58								
490.02	278.65								
485.37	276.32								
471.17	263.13								

464.21	275.65								
463.56	277.28								
471.79	280.31								
477.76	288.35								
473.11	297.61								
472.49	302.43								
491.96	312.64								
504.30	333.98								
512.99	347.28								
522.38	358.26								
520.60	334.99								
523.86	344.25								
523.86	350.66								
525.21	361.60								
530.40	366.26								
542.82	377.20								
548.84	387.13								
546.86	375.72								
548.17	371.61								
546.86	369.31								
555.05	380.72								
560.71	389.38								
554.38	393.37								
551.12	388.40								
547.86	383.79								
541.16	374.79								
533.43	375.37								
539.48	383.44								
541.89	383.10								
542.56	382.74								
541.50	376.34								
541.19	388.14								
540.85	385.81								
545.89	383.75								
543.52	377.38								
552.44	376.38								
548.84	374.02								
535.14	359.30								
533.82	356.28								
522.26	340.60								
507.59	322.03								
499.68	315.97								
500.65	317.99								
492.30	310.00								
490.99	304.99								
479.39	296.61								
495.64	291.33								
498.98	296.96								
495.64	299.91								
495.64	300.69								
439.37	304.82								
435.13	299.12								
428.89	306.57								

436.73	306.83								
425.63	305.48								
411.43	294.50								
413.40	299.12								
421.32	294.54								
431.48	304.47								
456.16	318.13								
463.69	330.31								
470.64	330.31								
467.69	333.73								
458.41	322.40								
459.96	319.45								
466.01	322.40								
466.37	312.50								
454.53	306.13								
452.09	296.82								
457.14	299.12								
461.36	280.29								
466.68	283.94								
470.98	274.55								
480.34	278.56								
496.56	277.55								
512.81	278.90								
534.30	292.60								
544.05	294.85								
543.35	295.50								
528.79	291.93								
513.50	285.62								
504.50	278.12								
500.24	280.29								
494.88	288.26								
492.55	301.09								
468.03	288.26								
451.78	267.03								
451.12	268.62								
451.12	272.27								
451.43	272.27								
479.33	281.97								
484.64	296.12								
491.23	287.59								
491.31	291.93								
497.57	294.85								
515.18	320.02								
530.73	327.32								
545.52	334.61								
555.14	339.24								
562.31	340.87								
563.99	344.20								
573.30	343.51								
570.97	346.87								
565.65	350.18								
563.32	350.49								
546.95	328.64								

542.03	327.68								
515.18	302.80								
499.54	292.24								
499.23	288.26								
494.88	292.29								
487.59	283.32								
486.27	285.62								
473.62	265.32								
461.36	248.40								
456.47	248.09								
458.10	250.42								
469.01	245.03								
470.33	244.68								
472.30	238.36								
467.69	234.33								
466.68	233.32								
460.12	232.34								
458.77	238.98								
468.34	252.17								
490.23	265.32								
483.29	274.21								
484.30	292.24								
486.62	305.13								
489.91	309.21								
490.89	309.86								
496.59	318.75								
503.88	331.32								
507.19	339.24								
506.18	341.18								
499.23	342.50								
506.64	346.53								
515.88	345.52								
525.22	342.73								
532.67	346.17								
535.59	347.18								
540.71	353.47								
533.65	345.86								
526.85	332.64								
524.88	332.64								
522.63	331.32								
494.88	317.12								
485.00	305.13								
477.00	297.13								
467.38	297.13								
517.77	391.15								
505.05	375.09								
496.71	359.26								
487.35	371.47								
498.34	394.44								
504.74	382.96								
497.98	372.76								
497.33	370.46								
491.70	357.97								

503.03	357.32								
497.64	371.13								
493.41	377.06								
493.72	374.08								
495.39	377.06								
492.71	373.10								
493.76	377.06								
505.40	389.47								
523.41	401.94								
516.76	396.07								
511.10	390.02								
503.73	368.44								
518.44	352.38								
534.22	352.07								
532.90	337.10								
534.22	334.81								
531.27	324.96								
527.32	321.03								
521.11	303.23								
519.45	298.69								
514.12	300.94								
509.13	305.79								
511.41	306.45								
503.39	295.08								
508.43	305.82								
514.44	311.02								
511.38	314.98								
507.76	324.99								
519.14	324.03								
506.05	337.10								
505.51	342.99								
515.10	343.61								
513.78	353.39								
516.11	355.07								
518.44	353.39								
504.74	349.12								
501.37	324.65								
506.72	329.88								
505.05	329.23								
507.76	324.42								
526.00	315.99								
528.64	324.65								
535.20	339.73								
534.84	342.65								
541.21	347.80								
545.86	351.73								
556.18	358.28								
555.17	376.10								
564.38	374.42								
559.13	375.09								
563.01	383.00								
565.70	383.31								
561.38	373.10								

556.18	354.94								
557.16	353.05								
562.36	357.97								
561.69	352.74								
549.90	328.33								
550.21	325.30								
555.17	322.01								
557.50	312.70								
553.85	312.03								
557.50	314.33								
552.19	311.07								
543.15	310.40								
539.73	278.36								
537.76	278.01								
534.89	282.31								
533.26	285.96								
526.35	297.06								
520.10	297.41								
519.45	305.79								
515.44	292.48								
512.11	291.86								
511.41	297.72								
509.44	309.05								
508.77	308.74								
507.42	307.42								
504.74	302.88								
486.42	298.37								
486.42	298.37								
476.49	302.25								
477.47	316.61								
487.74	329.57								
495.73	319.02								
498.68	326.93								
503.03	335.75								
510.45	340.71								
551.19	354.40								
562.70	368.49								
561.38	363.21								
588.42	416.03								
579.91	405.13								
558.96	399.50								
538.91	398.57								
526.88	400.51								
531.30	399.50								
532.00	400.86								
528.00	411.45								
528.67	404.78								
528.31	396.55								
524.74	399.16								
531.03	398.54								
542.28	399.16								
559.35	392.75								
571.73	390.50								

564.62	401.49								
558.03	393.18								
560.36	382.27								
563.62	392.20								
560.36	394.46								
559.71	402.34								
565.25	417.63								
562.65	419.95								
556.68	411.73								
543.91	406.14								
541.94	401.80								
533.01	401.44								
523.50	410.75								
517.57	409.74								
509.30	411.73								
499.75	401.13								
495.07	394.84								
495.64	393.52								
498.98	407.10								
508.60	418.63								
517.21	418.28								
529.29	424.80								
522.85	433.80								
528.67	436.48								
525.44	442.46								
506.66	451.30								
499.68	450.99								
496.70	454.64								
492.62	450.95								
488.81	454.64								
485.21	441.09								
475.93	436.25								
483.85	427.87								
490.41	424.64								
492.35	416.65								
519.20	408.11								
533.04	408.78								
546.47	404.78								
556.06	419.95								
564.62	432.14								
574.56	440.16								
581.54	445.36								
589.42	459.30								
588.76	452.73								
589.42	459.64								
578.56	464.88								
570.18	459.30								
571.19	458.98								
572.31	445.02								
573.91	438.81								
571.53	439.82								
567.54	443.73								
561.02	438.81								

559.04	449.67								
558.03	447.66								
564.28	453.66								
566.25	458.01								
559.04	455.60								
547.83	449.67								
549.11	461.58								
551.17	455.60								
552.75	431.21								
557.69	434.15								
561.99	432.14								
570.13	428.99								
569.87	417.32								
569.51	411.81								
576.26	397.87								
588.11	401.75								
578.20	386.54								
572.85	397.68								
576.34	406.14								
577.24	398.18								
570.88	388.22								
572.85	387.75								
580.89	392.56								
576.57	405.47								
576.54	410.80								
567.88	404.08								
570.52	398.23								
576.23	396.86								
577.32	398.18								
570.21	393.45								
574.25	402.80								
562.06	414.09								
511.83	312.36								
507.59	313.60								
515.63	328.47								
511.60	322.96								
502.98	335.33								
490.95	334.63								
479.04	334.29								
479.04	335.99								
476.79	321.67								
482.68	325.98								
493.62	334.99								
495.30	331.65								
494.99	316.32								
495.33	320.97								
498.05	312.98								
511.94	329.63								
525.49	351.31								
527.50	346.58								
531.46	357.57								
534.18	363.70								
535.11	365.33								

525.52	352.63								
528.15	349.34								
531.80	353.30								
518.27	345.88								
499.02	321.28								
490.02	308.63								
477.06	297.97								
477.72	292.34								
475.44	288.04								
481.05	292.31								
484.05	301.00								
491.34	308.01								
490.02	304.72								
500.03	307.62								
510.66	319.26								
499.72	322.03								
499.02	321.98								
485.01	312.33								
473.18	306.20								
458.63	295.95								
448.00	296.68								
440.00	303.36								
452.39	316.59								
451.33	325.63								
447.66	332.53								
467.47	332.61								
471.79	347.63								
488.97	370.99								
515.89	393.37								
523.19	400.97								
532.42	402.96								
534.13	401.95								
534.13	391.66								
538.83	384.41								
546.51	372.15								
545.12	369.31								
524.51	348.95								
521.22	329.66								
518.27	317.29								
528.15	319.96								
533.09	318.95								
535.81	318.95								
530.45	312.02								
528.15	308.99								
523.86	319.96								
523.55	340.26								
528.78	342.54								
517.96	335.02								
514.65	333.67								
498.33	328.93								
488.01	325.32								
485.86	313.99								
474.12	307.36								

471.17	305.68								
474.12	316.32								
494.29	320.01								
496.62	317.99								
501.66	322.41								
501.00	331.34								
510.66	325.63								
515.63	327.61								
522.77	339.28								
522.92	350.66								
521.92	344.25								
530.14	338.01								
528.78	330.95								
533.12	324.98								
539.22	329.89								
537.16	320.63								
543.52	328.93								
551.12	329.97								
560.25	333.67								
571.27	333.67								
568.94	345.93								
575.88	352.29								
566.95	360.28								
552.75	357.29								
549.49	364.97								
547.83	365.95								
493.22	300.78								
500.90	311.54								
493.87	303.78								
483.63	281.61								
469.35	270.60								
463.69	265.09								
472.66	269.28								
457.84	257.40								
460.71	260.40								
469.35	269.94								
465.36	268.97								
463.38	268.97								
470.33	273.59								
483.32	280.65								
508.20	311.54								
488.56	306.80								
479.36	306.13								
485.31	299.12								
489.57	299.77								
496.90	311.85								
501.91	322.12								
516.19	332.64								
517.59	341.18								
512.50	339.89								
512.15	336.29								
521.93	337.25								
542.73	357.43								

554.13	372.64								
558.04	378.04								
540.71	368.60								
514.51	341.52								
506.52	319.76								
499.82	301.79								
485.96	299.12								
484.30	297.49								
473.62	294.85								
471.76	290.93								
465.70	289.61								
457.45	278.94								
471.65	284.25								
482.67	306.13								
483.99	324.03								
498.88	336.94								
494.54	340.87								
493.22	338.26								
489.26	322.71								
488.91	310.53								
476.30	305.48								
472.97	297.13								
470.98	295.01								
469.32	261.72								
475.64	255.08								
467.02	238.67								
472.61	241.96								
480.03	246.74								
473.98	247.08								
475.64	265.68								
485.96	280.29								
518.55	286.58								
517.90	308.85								
514.51	304.82								
519.56	311.54								
508.54	317.77								
505.51	321.27								
503.88	325.35								
512.26	332.98								
529.15	325.04								
526.20	324.68								
529.77	317.77								
528.14	319.45								
535.28	326.36								
531.04	335.28								
536.29	346.22								
533.65	337.61								
528.79	327.32								
508.89	303.11								
493.22	295.81								
481.97	291.93								
484.95	284.95								
477.03	284.30								

467.69	283.94								
464.70	286.58								
458.41	277.55								
467.33	285.93								
462.03	288.64								
466.01	289.61								
479.02	291.93								
488.91	299.46								
489.57	302.15								
487.28	298.76								
501.24	307.50								
504.86	306.83								
506.88	304.35								
503.88	305.17								
511.49	297.49								
510.83	293.87								
513.86	303.34								
515.21	306.18								
504.86	305.13								
489.57	289.96								
511.41	294.77								
519.48	295.43								
533.88	326.28								
538.77	333.18								
535.20	343.97								
528.64	345.55								
512.11	343.30								
518.47	361.59								
521.78	365.19								
508.12	367.17								
496.04	370.46								
487.09	362.21								
492.75	365.23								
484.53	359.60								
481.53	333.14								
498.03	343.30								
508.46	356.39								
516.76	354.09								
506.10	350.10								
500.75	331.51								
501.06	321.03								
497.02	318.01								
499.38	312.70								
505.05	328.92								
510.09	324.65								
522.40	324.65								
513.47	320.07								
513.12	322.01								
515.49	344.93								
527.32	358.95								
544.51	382.65								
557.86	429.75								
565.70	437.74								

569.68	430.06								
573.95	427.45								
583.26	433.39								
591.85	440.02								
590.17	441.46								
585.56	425.48								
568.72	419.92								
555.84	405.49								
544.51	384.66								
522.78	371.47								
521.11	377.73								
519.48	378.69								
515.75	383.96								
507.42	382.30								
499.35	374.11								
508.77	372.79								
511.10	374.78								
520.80	376.10								
532.28	380.67								
532.28	375.43								
527.32	362.55								
508.77	336.75								
505.09	318.29								
493.41	305.13								
489.53	284.92								
481.53	278.67								
482.20	270.25								
483.52	272.81								
484.87	267.26								
482.20	266.30								
489.73	292.52								
491.39	289.58								
494.73	295.74								
505.05	320.38								
504.04	328.25								
506.10	328.92								
507.76	321.03								
513.12	309.83								
523.82	299.35								
530.62	298.69								
528.99	286.58								
537.76	299.00								
558.09	322.66								
557.86	327.29								
554.52	315.99								
553.85	313.04								
550.56	315.34								
548.27	326.62								
551.53	336.44								
549.25	342.34								
542.80	334.46								
535.85	322.48								
536.47	328.92								

539.08	322.66								
544.51	339.08								
544.51	341.72								
542.14	342.99								
528.79	340.71								
513.78	335.78								
523.41	338.73								
520.46	335.47								
531.27	348.16								
525.04	335.47								
516.76	333.18								
521.11	333.84								
533.26	341.72								
541.80	341.72								

0	Min. RPM	0	Voltage(V)	119.92
59.993	Power P1(W)	3.28	Current(A)	0.0604
Velocity in FPM - Axis #				Average Circle Air
A	B	C	D	Vel. area Delivery
				(FPM) (sq) (CFM)
60.73	60.73	60.73	60.73	60.73 0.0873 5.30
85.21	67.62	57.55	69.60	70.00 0.6981 48.87
100.55	86.54	87.07	107.66	95.46 1.3963 133.29
83.27	97.71	99.33	126.40	101.68 2.0944 212.95
0.00	0.00	0.00	0.00	0.00 2.7925 0.00
0.00	0.00	0.00	0.00	0.00 3.4907 0.00
0.00	0.00	0.00	0.00	0.00 4.1888 0.00
0.00	0.00	0.00	0.00	0.00 4.8869 0.00
0.00	0.00	0.00	0.00	0.00 5.5851 0.00
0.00	0.00	0.00	0.00	0.00 6.2832 0.00
0.00	0.00	0.00	0.00	0.00 6.9813 0.00
0.00	0.00	0.00	0.00	0.00 7.6794 0.00
Total Air Flow of Low Speed(CFM)				400.41

0	Min. RPM	0	Voltage(V)	#DIV/0!	Stability (<±5%)
#DIV/0!	Power P1(W)	#DIV/0!	Current(A)	#DIV/0!	
Velocity in FPM - Axis #				Average Circle Air	
A	B	C	D	Vel. area Delivery	
				(FPM) (sq) (CFM)	
40.48	40.48	40.48	40.48	40.48 0.0873 3.53	-40.0
50.15	63.97	52.35	44.67	52.78 0.6981 36.85	-28.0
89.86	95.63	85.05	77.34	86.97 1.3963 121.43	-9.3
108.90	87.31	95.77	103.29	98.82 2.0944 206.96	-2.9
0.00	0.00	0.00	0.00	0.00 2.7925 0.00	#DIV/0!
0.00	0.00	0.00	0.00	0.00 3.4907 0.00	#DIV/0!
0.00	0.00	0.00	0.00	0.00 4.1888 0.00	#DIV/0!
0.00	0.00	0.00	0.00	0.00 4.8869 0.00	#DIV/0!
0.00	0.00	0.00	0.00	0.00 5.5851 0.00	#DIV/0!
0.00	0.00	0.00	0.00	0.00 6.2832 0.00	#DIV/0!
0.00	0.00	0.00	0.00	0.00 6.9813 0.00	#DIV/0!
0.00	0.00	0.00	0.00	0.00 7.6794 0.00	#DIV/0!
Total Air Flow of Low Speed(CFM)				368.78	
Average Total Air Flow of Low Speed(CFM)				384.59	

0	Min. RPM	0	Voltage(V)	120.04
59.993	Power P1(W)	21.39	Current(A)	0.2961
Velocity in FPM - Axis #				Average Circle Air
A	B	C	D	Vel. area Delivery
				(FPM) (sq) (CFM)
401.71	401.71	401.71	401.71	401.71 0.0873 35.07
497.40	549.86	549.40	543.39	535.01 0.6981 373.49
542.57	518.10	490.06	521.18	517.98 1.3963 723.25
405.19	346.85	301.09	337.74	347.72 2.0944 728.26
0.00	0.00	0.00	0.00	0.00 2.7925 0.00
0.00	0.00	0.00	0.00	0.00 3.4907 0.00
0.00	0.00	0.00	0.00	0.00 4.1888 0.00
0.00	0.00	0.00	0.00	0.00 4.8869 0.00

Power	
	1st
	2nd
	1st
	2nd

RPM	
	1st
	2nd
	1st
	2nd

Input Voltage
Stability(≤±1%)

0.00	0.00	0.00	0.00	0.00	5.5851	0.00
0.00	0.00	0.00	0.00	0.00	6.2832	0.00
0.00	0.00	0.00	0.00	0.00	6.9813	0.00
0.00	0.00	0.00	0.00	0.00	7.6794	0.00
Total Air Flow of High Speed(CFM)						1860.07

0	Min. RPM			0	Voltage(V)		#DIV/0!	Stability ($<\pm 5\%$)
#DIV/0!	Power P1(W)			#DIV/0!	Current(A)		#DIV/0!	
Velocity in FPM - Axis #				Average Vel. (FPM)	Circle area (sq in)	Air Delivery (CFM)		
A	B	C	D					
416.36	416.36	416.36	416.36	416.36	0.0873	36.35	3.6	
501.92	550.59	562.26	547.58	540.59	0.6981	377.39	1.0	
548.16	509.99	494.75	523.64	519.13	1.3963	724.87	0.2	
419.38	332.80	302.70	343.34	349.56	2.0944	732.11	0.5	
0.00	0.00	0.00	0.00	0.00	2.7925	0.00	#DIV/0!	
0.00	0.00	0.00	0.00	0.00	3.4907	0.00	#DIV/0!	
0.00	0.00	0.00	0.00	0.00	4.1888	0.00	#DIV/0!	
0.00	0.00	0.00	0.00	0.00	4.8869	0.00	#DIV/0!	
0.00	0.00	0.00	0.00	0.00	5.5851	0.00	#DIV/0!	
0.00	0.00	0.00	0.00	0.00	6.2832	0.00	#DIV/0!	
0.00	0.00	0.00	0.00	0.00	6.9813	0.00	#DIV/0!	
0.00	0.00	0.00	0.00	0.00	7.6794	0.00	#DIV/0!	
Total Air Flow of High Speed(CFM)							1870.71	
Average Total Air Flow of High Speed(CFM)							1865.39	

13	14	15	16	17	18	19	20	21	22
0.0873	0.0873	0.0873	0.0873	0.0873	0.0873	0.0873	0.0873	0.0873	0.0873
0.6981	0.6981	0.6981	0.6981	0.6981	0.6981	0.6981	0.6981	0.6981	0.6981
1.6199	1.8544	2.0998	2.3562	1.3963	1.3963	1.3963	1.3963	1.3963	1.3963
				1.2272	1.5053	1.7944	2.0944	2.4053	2.7271

Average of Low Setting							
A	B	C	D	Average	/	Min	Max
3.29	3.28	#DIV/0!	#DIV/0!	#DIV/0!		3.24	3.32
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Stability (<±1%)	#DIV/0!	#DIV/0!
Average				#DIV/0!			
Average of Hight Setting							
A	B	C	D	Average	/	Min	Max
21.41	21.38	#DIV/0!	#DIV/0!	#DIV/0!		19.84	22.85
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Stability (<±1%)	#DIV/0!	#DIV/0!
Average				#DIV/0!			

Average of Low Setting							
A		B		C		D	
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
Average of Hight Setting							
A		B		C		D	
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

Min	Max
119.92	120.05
-0.0667	0.04167

23	24	25	26	27	28	29	30	31	32	33	34
0.0873	0.0873	0.0873	0.0873	0.0873	0.0873	0.0873	0.0873	0.0873	0.0873	0.0873	0.0873
0.6981	0.6981	0.6981	0.6981	0.6981	0.6981	0.6981	0.6981	0.6981	0.6981	0.6981	0.6981
1.3963	1.3963	1.3963	1.3963	1.3963	1.3963	1.3963	1.3963	1.3963	1.3963	1.3963	1.3963
3.0598	3.4034	2.0944	2.0944	2.0944	2.0944	2.0944	2.0944	2.0944	2.0944	2.0944	2.0944
		1.6635	2.0289	2.4053	2.7925	3.1907	3.5997	4.0197	4.4506	2.7925	2.7925

[illegible]

3.0161	3.4907	3.9761	4.4724	4.9796	5.4978	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907
						2.5362	3.0761	3.6270	4.1888	4.7615	5.3451	5.9396

[illegible]

3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907
6.5450	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888
	2.9725	3.5997	4.2379	4.8869	5.5469	6.2177	6.8995	7.5922	4.8869	4.8869	4.8869	4.8869	4.8869	4.8869
									3.4088	4.1233	4.8487	5.5851	6.3323	

[illegible]

3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907
4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888
4.8869	4.8869	4.8869	4.8869	4.8869	4.8869	4.8869	4.8869	4.8869	4.8869	4.8869	4.8869	4.8869	4.8869	4.8869
7.0904	7.8594	8.6394	5.5851	5.5851	5.5851	5.5851	5.5851	5.5851	5.5851	5.5851	5.5851	5.5851	5.5851	5.5851
			3.8452	4.6469	5.4596	6.2832	7.1177	7.9631	8.8194	9.6866	6.2832	6.2832	6.2832	
											4.2815	5.1705	6.0705	

[illegible]

3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907
4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888
4.8869	4.8869	4.8869	4.8869	4.8869	4.8869	4.8869	4.8869	4.8869
5.5851	5.5851	5.5851	5.5851	5.5851	5.5851	5.5851	5.5851	5.5851
6.2832	6.2832	6.2832	6.2832	6.2832	6.2832	6.2832	6.2832	6.2832
6.9813	7.9031	8.8357	9.7793	10.7338	6.9813	6.9813	6.9813	6.9813
					4.7178	5.6941	6.6813	7.6794

A-D Axis

Gear	Axis	Item No.	Volt (V)	Current (A)	Power (W)	Freq (Hz)	Temp (°C)	RH (%)	BARO (PSI)	RPM	SEN1#	SEN2#
		1	120.09	0.0608	3.32	59.993	24.0	57.0	14.6	0	84.89	132.92
		2	120.09	0.0608	3.33	59.993	24.0	57.0	14.6	0	85.90	130.60
		3	120.09	0.0609	3.33	59.993	24.0	57.0	14.6	0	83.26	131.17
		4	120.09	0.0609	3.33	59.992	24.1	57.0	14.6	0	79.65	130.24
		5	120.09	0.0608	3.33	59.992	24.0	57.0	14.6	0	80.34	130.91
		6	120.09	0.0608	3.33	59.992	24.0	57.0	14.6	0	77.67	131.87
		7	120.09	0.0609	3.33	59.994	24.0	57.0	14.6	0	78.99	131.22
		8	120.09	0.0607	3.32	59.992	24.1	57.0	14.6	0	78.56	124.47
		9	120.09	0.0608	3.32	59.993	24.1	57.0	14.6	0	73.41	121.36
		10	120.09	0.0608	3.32	59.993	24.1	57.0	14.6	0	70.85	121.70
		11	120.09	0.0609	3.33	59.992	24.1	57.0	14.6	0	70.80	120.38
		12	120.09	0.0608	3.32	59.992	24.1	57.0	14.6	0	68.55	121.08
		13	120.09	0.0608	3.32	59.992	24.1	57.0	14.6	0	67.90	121.00
		14	120.09	0.0609	3.33	59.992	24.1	57.0	14.6	0	67.90	119.42
		15	120.10	0.0608	3.32	59.993	24.0	57.0	14.6	0	65.88	118.80
		16	120.09	0.0607	3.32	59.992	24.1	57.0	14.6	0	63.55	117.79
		17	120.09	0.0608	3.32	59.993	24.0	57.0	14.6	0	60.91	120.74
		18	120.09	0.0606	3.31	59.993	24.1	57.0	14.6	0	63.01	124.31
		19	120.09	0.0607	3.31	59.993	24.1	57.0	14.6	0	66.58	123.02
		20	120.09	0.0606	3.31	59.993	24.1	57.0	14.6	0	69.53	124.62
		21	120.09	0.0606	3.31	59.992	24.1	57.0	14.6	0	68.86	122.71
		22	120.09	0.0605	3.30	59.993	24.1	57.0	14.6	0	69.84	120.07
		23	120.09	0.0606	3.30	59.992	24.1	57.0	14.6	0	69.84	116.19
		24	120.09	0.0605	3.30	59.993	24.1	57.0	14.6	0	69.84	116.81
		25	120.09	0.0605	3.30	59.992	24.1	57.0	14.6	0	65.57	116.81
		26	120.09	0.0605	3.30	59.992	24.1	57.0	14.6	0	65.21	116.19
		27	120.09	0.0604	3.29	59.992	24.1	57.0	14.6	0	62.23	112.20
		28	120.09	0.0604	3.29	59.992	24.1	57.0	14.6	0	57.30	107.97
		29	120.09	0.0605	3.30	59.993	24.1	57.0	14.6	0	56.26	103.75
		30	120.09	0.0606	3.30	59.992	24.1	57.0	14.6	0	53.03	100.13
		31	120.09	0.0604	3.30	59.993	24.1	57.0	14.6	0	52.02	98.73
		32	120.09	0.0604	3.29	59.993	24.1	57.0	14.6	0	50.70	93.58
		33	120.09	0.0605	3.30	59.993	24.1	57.0	14.6	0	48.42	89.97
		34	120.09	0.0605	3.30	59.993	24.1	57.0	14.6	0	48.84	85.74
		35	120.09	0.0605	3.30	59.993	24.1	57.0	14.6	0	48.06	78.56
		36	120.09	0.0605	3.29	59.993	24.1	57.0	14.6	0	46.74	77.94
		37	120.09	0.0605	3.30	59.993	24.1	57.0	14.6	0	48.06	76.54
		38	120.10	0.0604	3.30	59.993	24.1	57.0	14.6	0	46.40	70.57
		39	120.09	0.0606	3.31	59.993	24.1	57.0	14.6	0	44.42	68.98
		40	120.09	0.0604	3.30	59.993	24.1	57.0	14.6	0	44.07	69.91
		41	120.09	0.0605	3.30	59.993	24.1	57.0	14.6	0	43.76	73.87
		42	120.09	0.0606	3.31	59.993	24.1	57.0	14.6	0	42.48	75.58
		43	120.09	0.0604	3.30	59.993	24.1	57.0	14.6	0	41.44	79.18
		44	120.10	0.0604	3.29	59.994	24.1	57.0	14.6	0	38.91	82.49
		45	120.09	0.0604	3.30	59.993	24.1	57.0	14.6	0	38.21	80.19
		46	120.09	0.0605	3.30	59.993	24.1	57.0	14.6	0	36.19	74.91
		47	120.09	0.0605	3.30	59.992	24.1	57.0	14.6	0	32.90	72.94
		48	120.09	0.0605	3.30	59.993	24.1	57.0	14.6	0	33.86	73.25
		49	120.09	0.0606	3.31	59.993	24.1	57.0	14.6	0	33.24	73.52

Low	A Axis	50	120.09	0.0606	3.31	59.993	24.1	57.0	14.6	0	34.87	71.54
		51	120.09	0.0606	3.31	59.992	24.1	57.0	14.6	0	36.04	69.91
		52	120.09	0.0606	3.31	59.993	24.1	57.0	14.6	0	37.56	65.29
		53	120.09	0.0607	3.32	59.992	24.1	57.0	14.6	0	38.80	64.36
		54	120.09	0.0607	3.32	59.991	24.1	57.0	14.6	0	42.79	67.00
		55	120.09	0.0607	3.31	59.993	24.1	57.0	14.6	0	46.74	68.29
		56	120.09	0.0606	3.31	59.992	24.1	57.0	14.6	0	48.76	72.55
		57	120.09	0.0607	3.32	59.992	24.1	57.0	14.6	0	53.70	78.22
		58	120.09	0.0607	3.31	59.993	24.1	57.0	14.6	0	61.57	81.17
		59	120.09	0.0607	3.31	59.993	24.1	57.0	14.6	0	63.24	83.80
		60	120.09	0.0606	3.31	59.993	24.1	57.0	14.6	0	66.84	88.65
		61	120.09	0.0606	3.31	59.993	24.1	57.0	14.6	0	71.50	96.22
		62	120.09	0.0606	3.31	59.993	24.1	57.0	14.6	0	73.10	101.76
		63	120.09	0.0606	3.31	59.993	24.1	57.0	14.6	0	74.06	103.08
		64	120.09	0.0606	3.31	59.993	24.1	57.0	14.6	0	77.32	105.10
		65	120.09	0.0606	3.31	59.993	24.1	57.0	14.6	0	77.67	107.63
		66	120.09	0.0606	3.31	59.993	24.1	57.0	14.6	0	80.00	110.26
		67	120.09	0.0606	3.31	59.991	24.1	57.0	14.6	0	81.43	114.25
		68	120.09	0.0607	3.32	59.992	24.1	57.0	14.6	0	77.98	117.79
		69	120.09	0.0607	3.32	59.992	24.1	57.0	14.6	0	80.31	116.81
		70	120.09	0.0608	3.32	59.993	24.1	57.0	14.6	0	79.65	110.92
		71	120.09	0.0608	3.32	59.992	24.1	57.0	14.6	0	78.33	102.74
		72	120.09	0.0609	3.33	59.993	24.1	57.0	14.6	0	83.88	101.76
		73	120.09	0.0609	3.33	59.993	24.1	57.0	14.6	0	86.52	103.75
		74	120.09	0.0608	3.32	59.993	24.1	57.0	14.6	0	86.83	104.40
		75	120.09	0.0608	3.32	59.993	24.1	57.0	14.6	0	89.78	104.40
		76	120.09	0.0609	3.33	59.993	24.1	57.0	14.6	0	89.11	106.70
		77	120.09	0.0609	3.33	59.993	24.1	57.0	14.6	0	88.72	105.38
		78	120.10	0.0608	3.33	59.993	24.1	57.0	14.6	0	89.47	103.13
		79	120.09	0.0607	3.32	59.994	24.1	57.0	14.6	0	86.47	103.75
		80	120.09	0.0608	3.32	59.993	24.1	57.0	14.6	0	84.53	107.70
		81	120.09	0.0606	3.30	59.992	24.1	57.0	14.6	0	83.53	110.92
		82	120.10	0.0606	3.30	59.993	24.1	57.0	14.6	0	80.34	110.92
		83	120.10	0.0605	3.30	59.993	24.1	57.0	14.6	0	77.01	109.33
		84	120.09	0.0606	3.31	59.993	24.1	57.0	14.6	0	78.33	110.92
		85	120.09	0.0607	3.32	59.993	24.1	57.0	14.6	0	76.04	109.33
		86	120.09	0.0607	3.31	59.992	24.1	57.0	14.6	0	75.04	106.96
		87	120.09	0.0606	3.31	59.992	24.1	57.0	14.6	0	74.42	101.81
		88	120.09	0.0608	3.33	59.993	24.1	57.0	14.6	0	76.31	104.06
		89	120.09	0.0609	3.33	59.993	24.1	57.0	14.6	0	78.33	104.45
		90	120.09	0.0608	3.33	59.993	24.1	57.0	14.6	0	81.94	107.32
		91	120.09	0.0609	3.33	59.993	24.1	57.0	14.6	0	86.52	110.89
		92	120.09	0.0609	3.33	59.993	24.1	57.0	14.6	0	86.52	108.67
		93	120.09	0.0610	3.34	59.993	24.1	57.0	14.6	0	90.12	110.26
		94	120.09	0.0610	3.34	59.994	24.1	57.0	14.6	0	91.41	111.27
		95	120.09	0.0611	3.34	59.993	24.1	57.0	14.6	0	93.74	113.87
		96	120.10	0.0611	3.35	59.993	24.1	57.0	14.6	0	97.62	113.52
		97	120.09	0.0611	3.35	59.993	24.1	57.0	14.6	0	103.16	123.33
		98	120.10	0.0610	3.34	59.992	24.1	57.0	14.6	0	106.73	123.33
		99	120.09	0.0610	3.34	59.992	24.1	57.0	14.6	0	107.66	125.32
		100	120.09	0.0611	3.35	59.993	24.1	57.0	14.6	0	108.09	127.96
		1	120.09	0.0607	3.32	59.993	24.1	57.0	14.6	0	84.89	138.12
		2	120.10	0.0607	3.31	59.993	24.1	57.0	14.6	0	85.90	135.51

Low	B Axis	3	120.09	0.0606	3.30	59.992	24.1	57.0	14.6	0	83.26	129.31
		4	120.09	0.0606	3.30	59.993	24.1	57.0	14.6	0	79.65	128.69
		5	120.09	0.0607	3.31	59.992	24.1	57.0	14.6	0	80.34	127.68
		6	120.09	0.0606	3.31	59.993	24.1	57.0	14.6	0	77.67	125.32
		7	120.09	0.0606	3.31	59.993	24.1	57.0	14.6	0	78.99	123.30
		8	120.09	0.0608	3.32	59.993	24.1	57.0	14.6	0	78.56	122.37
		9	120.09	0.0607	3.31	59.993	24.1	57.0	14.6	0	73.41	119.42
		10	120.10	0.0607	3.32	59.993	24.1	57.0	14.6	0	70.85	116.16
		11	120.09	0.0607	3.31	59.992	24.1	57.0	14.6	0	70.80	109.52
		12	120.10	0.0608	3.32	59.993	24.1	57.0	14.6	0	68.55	106.85
		13	120.09	0.0608	3.32	59.992	24.1	57.0	14.6	0	67.90	107.86
		14	120.09	0.0608	3.32	59.992	24.1	57.0	14.6	0	67.90	108.82
		15	120.09	0.0607	3.32	59.993	24.1	57.0	14.6	0	65.88	109.18
		16	120.09	0.0607	3.31	59.992	24.1	57.0	14.6	0	63.55	103.93
		17	120.09	0.0607	3.32	59.993	24.1	57.0	14.6	0	60.91	101.96
		18	120.09	0.0607	3.32	59.993	24.1	57.0	14.6	0	63.01	101.65
		19	120.09	0.0609	3.32	59.994	24.1	57.0	14.6	0	66.58	101.96
		20	120.09	0.0608	3.32	59.993	24.1	57.0	14.6	0	69.53	102.97
		21	120.09	0.0607	3.32	59.993	24.1	57.0	14.6	0	68.86	103.59
		22	120.09	0.0608	3.32	59.993	24.1	57.0	14.6	0	69.84	103.23
		23	120.09	0.0608	3.32	59.993	24.1	57.0	14.6	0	69.84	98.63
		24	120.09	0.0609	3.32	59.993	24.1	57.0	14.6	0	69.84	95.99
		25	120.09	0.0607	3.31	59.993	24.1	57.0	14.6	0	65.57	89.81
		26	120.09	0.0607	3.32	59.994	24.1	57.0	14.6	0	65.21	87.87
		27	120.09	0.0608	3.32	59.993	24.1	57.0	14.6	0	62.23	89.42
		28	120.09	0.0608	3.31	59.993	24.1	57.0	14.6	0	57.30	84.97
		29	120.09	0.0606	3.31	59.992	24.1	57.0	14.6	0	56.26	76.98
		30	120.09	0.0606	3.30	59.992	24.1	57.0	14.6	0	53.03	73.95
		31	120.09	0.0606	3.30	59.991	24.1	57.0	14.6	0	52.02	68.05
		32	120.09	0.0607	3.32	59.993	24.1	57.0	14.6	0	50.70	66.69
		33	120.09	0.0607	3.31	59.992	24.1	57.0	14.6	0	48.42	67.43
		34	120.09	0.0607	3.31	59.993	24.1	57.0	14.6	0	48.84	64.36
		35	120.09	0.0607	3.32	59.993	24.1	57.0	14.6	0	48.06	65.37
		36	120.09	0.0607	3.31	59.993	24.1	57.0	14.6	0	46.74	65.72
		37	120.09	0.0606	3.31	59.993	24.1	57.0	14.6	0	48.06	62.08
		38	120.09	0.0606	3.31	59.992	24.1	57.0	14.6	0	46.40	60.09
		39	120.09	0.0607	3.31	59.992	24.1	57.0	14.6	0	44.42	62.42
		40	120.09	0.0606	3.31	59.993	24.1	57.0	14.6	0	44.07	63.40
		41	120.10	0.0606	3.31	59.993	24.1	57.0	14.6	0	43.76	66.69
		42	120.10	0.0607	3.31	59.993	24.1	57.0	14.6	0	42.48	68.67
		43	120.09	0.0608	3.32	59.993	24.1	57.0	14.6	0	41.44	66.69
		44	120.10	0.0607	3.31	59.993	24.1	57.0	14.6	0	38.91	69.68
		45	120.09	0.0607	3.31	59.994	24.1	57.0	14.6	0	38.21	69.68
		46	120.09	0.0607	3.31	59.992	24.1	57.0	14.6	0	36.19	68.67
		47	120.10	0.0608	3.32	59.993	24.1	57.0	14.6	0	32.90	74.29
		48	120.09	0.0607	3.32	59.992	24.1	57.0	14.6	0	33.86	75.97
		49	120.10	0.0608	3.31	59.993	24.1	57.0	14.6	0	33.24	75.97
		50	120.09	0.0607	3.32	59.992	24.1	57.0	14.6	0	34.87	83.60
		51	120.09	0.0608	3.32	59.992	24.1	57.0	14.6	0	36.04	87.22
		52	120.09	0.0608	3.32	59.994	24.1	57.0	14.6	0	37.56	87.22
		53	120.09	0.0606	3.31	59.992	24.1	57.0	14.6	0	38.80	86.29
		54	120.09	0.0606	3.30	59.992	24.1	57.0	14.6	0	42.79	85.28
		55	120.09	0.0606	3.31	59.992	24.1	57.0	14.6	0	46.74	88.49

56	120.09	0.0607	3.31	59.992	24.1	57.0	14.6	0	48.76	87.22
57	120.10	0.0607	3.31	59.992	24.1	57.0	14.6	0	53.70	82.95
58	120.09	0.0607	3.31	59.993	24.1	57.0	14.6	0	61.57	78.30
59	120.09	0.0607	3.31	59.993	24.1	57.0	14.6	0	63.24	75.30
60	120.10	0.0607	3.31	59.993	24.0	57.0	14.6	0	66.84	65.37
61	120.09	0.0606	3.31	59.992	24.1	57.0	14.6	0	71.50	65.41
62	120.09	0.0607	3.31	59.993	24.1	57.0	14.6	0	73.10	65.72
63	120.09	0.0606	3.31	59.992	24.1	57.0	14.6	0	74.06	68.05
64	120.09	0.0606	3.30	59.992	24.1	57.0	14.6	0	77.32	69.68
65	120.10	0.0605	3.30	59.993	24.1	57.0	14.6	0	77.67	66.07
66	120.09	0.0605	3.30	59.992	24.1	57.0	14.6	0	80.00	68.86
67	120.09	0.0606	3.30	59.993	24.0	57.0	14.6	0	81.43	73.33
68	120.09	0.0606	3.30	59.992	24.1	57.0	14.6	0	77.98	73.33
69	120.09	0.0607	3.31	59.994	24.1	57.0	14.6	0	80.31	73.33
70	120.09	0.0605	3.30	59.993	24.0	57.0	14.6	0	79.65	69.99
71	120.09	0.0606	3.31	59.994	24.1	57.0	14.6	0	78.33	64.05
72	120.09	0.0606	3.30	59.993	24.0	57.0	14.6	0	83.88	59.47
73	120.09	0.0606	3.31	59.992	24.1	57.0	14.6	0	86.52	57.53
74	120.09	0.0607	3.32	59.993	24.0	57.0	14.6	0	86.83	55.64
75	120.10	0.0607	3.31	59.993	24.1	57.0	14.6	0	89.78	54.63
76	120.09	0.0608	3.33	59.993	24.1	57.0	14.6	0	89.11	56.68
77	120.10	0.0608	3.32	59.993	24.0	57.0	14.6	0	88.72	56.60
78	120.09	0.0609	3.33	59.993	24.0	57.0	14.6	0	89.47	58.20
79	120.09	0.0608	3.33	59.993	24.1	57.0	14.6	0	86.47	63.74
80	120.09	0.0609	3.33	59.993	24.0	57.0	14.6	0	84.53	73.33
81	120.10	0.0608	3.33	59.993	24.0	57.0	14.6	0	83.53	74.29
82	120.09	0.0608	3.32	59.994	24.0	57.0	14.6	0	80.34	78.33
83	120.10	0.0609	3.33	59.993	24.0	57.0	14.6	0	77.01	79.96
84	120.09	0.0610	3.34	59.993	24.0	57.0	14.6	0	78.33	81.59
85	120.09	0.0609	3.33	59.992	24.0	57.0	14.6	0	76.04	84.30
86	120.09	0.0609	3.33	59.991	24.0	57.0	14.6	0	75.04	81.59
87	120.09	0.0609	3.33	59.992	24.0	57.0	14.6	0	74.42	77.67
88	120.10	0.0609	3.32	59.993	24.1	57.0	14.6	0	76.31	77.94
89	120.09	0.0609	3.33	59.992	24.0	57.0	14.6	0	78.33	77.98
90	120.09	0.0611	3.35	59.992	24.1	57.0	14.6	0	81.94	74.29
91	120.09	0.0612	3.35	59.992	24.1	57.0	14.6	0	86.52	75.92
92	120.09	0.0610	3.34	59.992	24.0	57.0	14.6	0	86.52	75.66
93	120.09	0.0610	3.33	59.992	24.0	57.0	14.6	0	90.12	72.97
94	120.09	0.0610	3.34	59.992	24.1	57.0	14.6	0	91.41	73.33
95	120.09	0.0610	3.34	59.992	24.0	57.0	14.6	0	93.74	76.98
96	120.10	0.0608	3.32	59.993	24.0	57.0	14.6	0	97.62	80.27
97	120.09	0.0608	3.33	59.993	24.1	57.0	14.6	0	103.16	85.59
98	120.09	0.0609	3.32	59.992	24.1	57.0	14.6	0	106.73	89.81
99	120.09	0.0609	3.33	59.993	24.1	57.0	14.6	0	107.66	92.18
100	120.09	0.0608	3.32	59.992	24.1	57.0	14.6	0	108.09	103.90
1									84.89	111.85
2									85.90	113.12
3									83.26	113.48
4									79.65	107.58
5									80.34	107.58
6									77.67	108.23
7									78.99	107.22
8									78.56	102.96

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		92									97.62	100.29
		93									93.43	101.84
		94									92.11	102.80
		95									91.75	102.18
		96									91.60	105.17
		97									89.50	105.49
		98									94.05	104.48
		99									97.31	105.13
		100									97.62	108.12
				1	120.10	0.2942	21.27	59.993	24.2	57.0	14.6	0
2	120.11			0.2870	20.67	59.993	24.2	57.0	14.6	0	441.87	501.54
3	120.12			0.2713	19.39	59.992	24.2	57.0	14.6	0	432.99	498.33
4	120.11			0.2762	19.80	59.992	24.2	57.0	14.6	0	415.30	471.63
5	120.11			0.2809	20.18	59.993	24.2	57.0	14.6	0	384.45	452.93
6	120.10			0.2865	20.64	59.992	24.2	57.0	14.6	0	377.54	441.17
7	120.10			0.2925	21.13	59.992	24.2	57.0	14.6	0	358.65	429.06
8	120.10			0.2970	21.50	59.993	24.2	57.0	14.6	0	356.04	418.32
9	120.10			0.3036	22.03	59.993	24.2	57.0	14.6	0	355.04	419.95
10	120.10			0.2997	21.72	59.992	24.2	57.0	14.6	0	351.44	430.66
11	120.10			0.2973	21.51	59.993	24.2	57.0	14.6	0	352.40	440.55
12	120.10			0.2937	21.22	59.993	24.2	57.0	14.6	0	355.08	440.24
13	120.10			0.2984	21.61	59.993	24.2	57.0	14.6	0	364.50	446.83
14	120.10			0.2930	21.16	59.993	24.2	57.0	14.6	0	378.86	483.51
15	120.11			0.2866	20.64	59.993	24.2	57.0	14.6	0	391.35	493.05
16	120.11			0.2799	20.09	59.993	24.1	57.0	14.6	0	406.72	512.71
17	120.11			0.2796	20.08	59.993	24.2	57.0	14.6	0	401.59	514.39
18	120.12			0.2738	19.60	59.993	24.2	57.0	14.6	0	392.98	504.84
19	120.11			0.2787	20.01	59.992	24.2	57.0	14.6	0	384.41	493.70
20	120.11			0.2793	20.06	59.992	24.2	57.0	14.6	0	366.02	450.22
21	120.11			0.2778	19.94	59.993	24.2	57.0	14.6	0	345.85	426.08
22	120.11			0.2787	20.01	59.993	24.2	57.0	14.6	0	334.44	413.82
23	120.11			0.2851	20.54	59.993	24.2	57.0	14.6	0	310.85	390.42
24	120.10			0.2847	20.50	59.992	24.2	57.0	14.6	0	292.77	373.58
25	120.11			0.2773	19.89	59.993	24.2	57.0	14.6	0	287.50	370.01
26	120.11			0.2787	20.02	59.994	24.2	57.0	14.6	0	276.90	357.52
27	120.11			0.2789	20.04	59.993	24.2	57.0	14.6	0	252.53	341.22
28	120.12			0.2773	19.91	59.993	24.2	57.0	14.6	0	247.92	340.29
29	120.11			0.2843	20.47	59.992	24.2	57.0	14.6	0	235.66	334.71
30	120.11			0.2844	20.49	59.992	24.2	57.0	14.6	0	233.41	357.18
31	120.11			0.2830	20.37	59.993	24.2	57.0	14.6	0	240.01	370.68
32	120.10			0.2875	20.73	59.992	24.2	57.0	14.6	0	257.47	389.88
33	120.11			0.2889	20.86	59.992	24.2	57.0	14.6	0	268.44	402.84
34	120.11			0.2840	20.45	59.992	24.2	57.0	14.6	0	288.12	410.83
35	120.11			0.2830	20.38	59.992	24.1	57.0	14.6	0	287.81	411.84
36	120.11			0.2853	20.56	59.993	24.2	57.0	14.6	0	291.48	415.72
37	120.10			0.2913	21.05	59.992	24.2	57.0	14.6	0	311.78	430.04
38	120.10			0.2917	21.08	59.993	24.2	57.0	14.6	0	327.88	445.17
39	120.11			0.2890	20.86	59.993	24.2	57.0	14.6	0	335.76	452.89
40	120.10			0.2938	21.25	59.993	24.2	57.0	14.6	0	344.56	467.44
41	120.10			0.2956	21.40	59.992	24.2	57.0	14.6	0	357.02	469.69
42	120.10			0.2948	21.33	59.992	24.2	57.0	14.6	0	370.40	481.18
43	120.11			0.2922	21.11	59.993	24.2	57.0	14.6	0	375.96	484.47
44	120.11			0.2931	21.19	59.993	24.2	57.0	14.6	0	381.19	489.09

High	A Axis	45	120.10	0.2972	21.52	59.993	24.2	57.0	14.6	0	393.29	498.64
		46	120.09	0.3075	22.37	59.993	24.2	57.0	14.6	0	400.94	505.50
		47	120.09	0.3100	22.57	59.993	24.2	57.0	14.6	0	429.30	533.01
		48	120.09	0.3084	22.44	59.993	24.2	57.0	14.6	0	452.11	547.71
		49	120.10	0.3045	22.11	59.993	24.2	57.0	14.6	0	460.30	558.23
		50	120.09	0.3044	22.09	59.992	24.2	57.0	14.6	0	483.92	568.74
		51	120.09	0.3036	22.01	59.993	24.2	57.0	14.6	0	486.22	580.04
		52	120.09	0.3041	22.07	59.992	24.2	57.0	14.6	0	481.29	581.39
		53	120.09	0.3035	22.01	59.991	24.2	57.0	14.6	0	480.01	587.21
		54	120.10	0.3000	21.73	59.993	24.2	57.0	14.6	0	484.59	587.25
		55	120.10	0.2942	21.25	59.992	24.2	57.0	14.6	0	484.93	584.57
		56	120.10	0.2895	20.87	59.993	24.2	57.0	14.6	0	464.21	567.46
		57	120.10	0.2892	20.84	59.992	24.2	57.0	14.6	0	454.75	556.29
		58	120.10	0.2872	20.69	59.994	24.2	57.0	14.6	0	433.95	529.40
		59	120.11	0.2719	19.44	59.993	24.2	57.0	14.6	0	410.10	495.18
		60	120.11	0.2774	19.88	59.993	24.2	57.0	14.6	0	389.33	479.81
		61	120.10	0.2922	21.11	59.993	24.2	57.0	14.6	0	362.22	450.22
		62	120.10	0.2908	20.99	59.993	24.2	57.0	14.6	0	356.71	445.20
		63	120.10	0.2883	20.77	59.993	24.2	57.0	14.6	0	347.87	426.74
		64	120.11	0.2870	20.67	59.994	24.2	57.0	14.6	0	333.74	422.86
		65	120.10	0.2904	20.95	59.994	24.2	57.0	14.6	0	324.15	419.26
		66	120.10	0.2946	21.29	59.992	24.2	57.0	14.6	0	324.20	423.76
		67	120.10	0.2957	21.39	59.993	24.2	57.0	14.6	0	333.82	437.96
		68	120.10	0.2962	21.42	59.992	24.2	57.0	14.6	0	336.69	456.92
		69	120.10	0.2962	21.42	59.993	24.2	57.0	14.6	0	358.30	478.85
		70	120.09	0.3006	21.79	59.993	24.2	57.0	14.6	0	368.43	491.73
		71	120.10	0.2949	21.31	59.993	24.2	57.0	14.6	0	394.92	518.66
		72	120.10	0.2911	21.00	59.993	24.2	57.0	14.6	0	406.14	523.78
		73	120.10	0.2935	21.21	59.993	24.1	57.0	14.6	0	401.25	531.07
		74	120.11	0.2841	20.43	59.993	24.2	57.0	14.6	0	401.56	535.65
		75	120.11	0.2799	20.09	59.993	24.2	57.0	14.6	0	401.56	531.34
		76	120.11	0.2817	20.23	59.993	24.2	57.0	14.6	0	395.12	517.73
		77	120.11	0.2842	20.46	59.993	24.2	57.0	14.6	0	384.45	487.15
		78	120.11	0.2812	20.21	59.993	24.2	57.0	14.6	0	377.20	464.14
		79	120.10	0.2874	20.71	59.991	24.2	57.0	14.6	0	357.02	437.60
		80	120.11	0.2837	20.41	59.992	24.2	57.0	14.6	0	345.23	431.36
		81	120.11	0.2818	20.27	59.992	24.2	57.0	14.6	0	337.34	409.56
		82	120.10	0.2870	20.68	59.993	24.2	57.0	14.6	0	317.63	392.10
		83	120.10	0.2923	21.11	59.993	24.2	57.0	14.6	0	317.29	378.16
		84	120.10	0.2934	21.22	59.993	24.2	57.0	14.6	0	321.90	370.01
		85	120.10	0.2932	21.19	59.993	24.2	57.0	14.6	0	332.15	370.68
		86	120.10	0.2898	20.91	59.993	24.2	57.0	14.6	0	348.13	383.28
		87	120.11	0.2853	20.54	59.992	24.2	57.0	14.6	0	353.33	397.33
		88	120.11	0.2829	20.35	59.993	24.2	57.0	14.6	0	346.50	406.92
		89	120.10	0.2878	20.74	59.993	24.2	57.0	14.6	0	340.29	408.89
		90	120.11	0.2873	20.71	59.993	24.2	57.0	14.6	0	338.04	421.51
		91	120.11	0.2866	20.65	59.993	24.2	57.0	14.6	0	342.59	429.68
		92	120.10	0.2910	21.02	59.992	24.2	57.0	14.6	0	345.54	445.48
		93	120.10	0.2945	21.30	59.992	24.2	57.0	14.6	0	344.22	450.53
		94	120.10	0.2971	21.51	59.993	24.2	57.0	14.6	0	342.93	448.54
		95	120.10	0.2988	21.64	59.993	24.2	57.0	14.6	0	344.17	451.23
		96	120.10	0.2933	21.19	59.993	24.2	57.0	14.6	0	348.44	455.88
		97	120.11	0.2903	20.94	59.993	24.2	57.0	14.6	0	349.11	461.50

		98	120.10	0.2917	21.06	59.993	24.2	57.0	14.6	0	356.71	471.97
		99	120.10	0.2900	20.93	59.993	24.2	57.0	14.6	0	365.12	491.73
		100	120.10	0.2919	21.08	59.993	24.2	57.0	14.6	0	371.72	494.06
High	R Avic	1	120.09	0.3051	22.14	59.992	24.2	57.0	14.6	0	441.22	599.43
		2	120.10	0.3055	22.17	59.992	24.2	57.0	14.6	0	441.87	602.10
		3	120.10	0.2885	20.77	59.992	24.2	57.0	14.6	0	432.99	588.03
		4	120.10	0.2914	21.01	59.992	24.2	57.0	14.6	0	415.30	575.18
		5	120.11	0.2872	20.67	59.992	24.2	57.0	14.6	0	384.45	545.92
		6	120.11	0.2826	20.29	59.992	24.2	57.0	14.6	0	377.54	507.48
		7	120.11	0.2864	20.61	59.993	24.2	57.0	14.6	0	358.65	495.72
		8	120.10	0.2928	21.14	59.993	24.2	57.0	14.6	0	356.04	494.06
		9	120.10	0.2918	21.05	59.993	24.2	57.0	14.6	0	355.04	483.77
		10	120.11	0.2889	20.81	59.992	24.2	57.0	14.6	0	351.44	477.17
		11	120.10	0.2885	20.79	59.993	24.2	57.0	14.6	0	352.40	475.85
		12	120.10	0.2930	21.16	59.992	24.2	57.0	14.6	0	355.08	469.85
		13	120.11	0.2918	21.06	59.993	24.2	57.0	14.6	0	364.50	476.16
		14	120.10	0.2904	20.95	59.993	24.2	57.0	14.6	0	378.86	487.77
		15	120.11	0.2859	20.58	59.992	24.2	57.0	14.6	0	391.35	508.80
		16	120.11	0.2745	19.64	59.993	24.2	57.0	14.6	0	406.72	522.26
		17	120.12	0.2732	19.55	59.993	24.2	57.0	14.6	0	401.59	516.72
		18	120.11	0.2765	19.82	59.993	24.2	57.0	14.6	0	392.98	508.80
		19	120.11	0.2796	20.08	59.993	24.2	57.0	14.6	0	384.41	497.71
		20	120.11	0.2859	20.60	59.993	24.2	57.0	14.6	0	366.02	476.86
		21	120.10	0.2851	20.51	59.993	24.2	57.0	14.6	0	345.85	456.11
		22	120.10	0.2910	21.01	59.993	24.2	57.0	14.6	0	334.44	458.08
		23	120.10	0.2933	21.18	59.993	24.2	57.0	14.6	0	310.85	439.28
		24	120.10	0.2928	21.15	59.994	24.2	57.0	14.6	0	292.77	429.11
		25	120.10	0.2961	21.42	59.992	24.2	57.0	14.6	0	287.50	426.43
		26	120.10	0.3020	21.91	59.993	24.2	57.0	14.6	0	276.90	424.80
		27	120.09	0.3025	21.95	59.992	24.2	57.0	14.6	0	252.53	432.76
		28	120.10	0.2945	21.29	59.993	24.2	57.0	14.6	0	247.92	431.75
		29	120.10	0.2899	20.90	59.992	24.2	57.0	14.6	0	235.66	429.99
		30	120.10	0.2865	20.63	59.992	24.2	57.0	14.6	0	233.41	436.33
		31	120.11	0.2890	20.83	59.992	24.2	57.0	14.6	0	240.01	445.48
		32	120.11	0.2858	20.58	59.993	24.2	57.0	14.6	0	257.47	456.11
		33	120.11	0.2847	20.49	59.993	24.2	57.0	14.6	0	268.44	479.19
		34	120.11	0.2787	20.00	59.993	24.2	57.0	14.6	0	288.12	492.43
		35	120.11	0.2812	20.21	59.994	24.2	57.0	14.6	0	287.81	495.77
		36	120.11	0.2847	20.48	59.993	24.2	57.0	14.6	0	291.48	494.06
		37	120.10	0.2925	21.14	59.993	24.2	57.0	14.6	0	311.78	502.67
		38	120.10	0.2969	21.50	59.992	24.2	57.0	14.6	0	327.88	502.31
		39	120.09	0.3085	22.45	59.993	24.2	57.0	14.6	0	335.76	519.20
		40	120.09	0.3061	22.24	59.992	24.2	57.0	14.6	0	344.56	532.19
		41	120.09	0.3062	22.25	59.993	24.2	57.0	14.6	0	357.02	530.92
		42	120.09	0.3047	22.11	59.992	24.2	57.0	14.6	0	370.40	530.61
		43	120.10	0.3012	21.82	59.993	24.2	57.0	14.6	0	375.96	535.84
		44	120.10	0.2957	21.38	59.993	24.2	57.0	14.6	0	381.19	537.47
		45	120.10	0.2940	21.25	59.992	24.2	57.0	14.6	0	393.29	540.15
		46	120.11	0.2902	20.93	59.993	24.2	57.0	14.6	0	400.94	562.34
		47	120.10	0.2925	21.12	59.993	24.2	57.0	14.6	0	429.30	566.33
		48	120.10	0.2909	20.98	59.994	24.2	57.0	14.6	0	452.11	586.71
		49	120.10	0.2910	20.99	59.993	24.2	57.0	14.6	0	460.30	591.01
		50	120.10	0.2908	20.97	59.993	24.2	57.0	14.6	0	483.92	591.68

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

SEN3#	SEN4#	SEN5#	SEN6#	SEN7#	SEN8#	SEN9#	SEN10 #	SEN11 #	SEN12 #
175.32	114.25								
172.37	116.27								
169.04	109.60								
165.16	109.33								
163.88	111.89								
163.22	109.95								
162.91	107.35								
160.58	108.01								
159.96	100.41								
155.27	97.23								
147.05	96.45								
137.84	87.84								
135.25	89.11								
130.01	87.48								
127.13	86.52								
117.56	88.26								
112.13	85.23								
103.39	82.25								
97.41	82.90								
99.12	85.54								
98.78	85.59								
102.69	91.80								
101.76	90.17								
105.33	89.47								
101.11	88.80								
103.36	82.67								
107.01	90.82								
110.58	94.12								
113.52	96.48								
111.62	98.78								
109.95	99.12								
112.20	98.42								
107.74	97.10								
104.06	95.79								
105.33	92.45								
102.69	86.86								
98.78	83.60								
95.09	77.98								
94.44	77.63								
95.75	79.26								
95.09	80.62								
96.45	80.93								
102.35	87.84								
110.61	92.11								
112.90	102.74								
114.87	119.50								
118.21	122.14								
117.51	122.79								
118.18	123.72								

Low 1st	Max. RPM	
	Frequency(Hz)	
	Sensor #	Sensor Dist. From
	1	0
	2	4
	3	8
	4	12
	5	16
	6	20
	7	24
	8	28
	9	32
	10	36
	11	40
	12	44

Low 2nd	Max. RPM	
	Frequency(Hz)	
	Sensor #	Sensor Dist. From
	1	0
	2	4
	3	8
	4	12
	5	16
	6	20
	7	24
	8	28
	9	32
	10	36
	11	40
	12	44

High 1st	Max. RPM	
	Frequency(Hz)	
	Sensor #	Sensor Dist. From
	1	0
	2	4
	3	8
	4	12
	5	16
	6	20
	7	24
	8	28

118.18	119.50								
118.18	119.58								
113.21	117.90								
112.20	113.24								
106.70	106.03								
104.40	102.07								
104.32	90.82								
98.78	84.22								
98.11	81.59								
91.83	75.11								
92.81	73.05								
92.81	69.40								
99.43	71.70								
104.40	75.97								
105.02	78.95								
106.70	80.96								
109.99	81.94								
116.55	86.52								
123.49	88.80								
122.84	89.81								
111.54	89.50								
106.96	89.47								
105.33	84.58								
100.75	78.95								
98.78	77.63								
96.02	73.67								
98.63	77.63								
104.06	78.92								
103.05	80.65								
104.06	76.31								
111.89	74.65								
111.62	73.67								
110.92	73.64								
111.97	71.03								
112.55	70.41								
113.24	70.07								
106.15	64.98								
99.12	60.71								
101.11	61.38								
104.06	68.75								
105.64	71.39								
108.28	70.41								
108.28	67.90								
104.99	63.01								
105.69	63.66								
108.28	62.65								
109.26	62.39								
112.55	59.00								
109.91	58.00								
110.61	56.60								
112.55	58.31								
110.84	78.79								
108.25	77.86								

	9	32
	10	36
	11	40
	12	44

	Max. RPM	
	Frequency(Hz)	
	Sen sor #	Sensor Dist. From
	1	0
	2	4
	3	8
	4	12
	5	16
	6	20
	7	24
	8	28
	9	32
	10	36
	11	40
	12	44

12
0.0873
0.6981
1.3963

108.87	77.86								
118.44	80.78								
129.28	86.55								
134.32	87.14								
133.81	85.54								
136.34	81.43								
139.29	81.79								
142.31	83.84								
150.26	90.79								
151.27	94.16								
149.25	98.42								
148.29	97.80								
144.33	97.15								
147.93	99.48								
153.18	102.07								
152.94	107.08								
148.60	111.43								
147.62	111.77								
142.31	113.09								
143.94	115.93								
144.90	118.41								
133.31	113.40								
129.28	116.04								
127.60	115.42								
120.38	113.40								
112.83	110.42								
110.45	109.41								
106.57	103.08								
97.93	96.76								
94.98	92.53								
91.44	92.45								
91.33	94.16								
85.39	91.49								
83.80	97.49								
84.77	97.80								
87.37	102.74								
90.32	102.85								
90.04	110.37								
92.34	117.43								
93.35	120.07								
91.98	121.44								
100.95	119.45								
107.89	120.77								
108.20	118.06								
109.18	119.45								
109.21	113.76								
112.78	104.06								
118.99	103.75								
123.92	100.80								
120.74	100.44								
120.69	98.42								
109.18	98.78								
100.29	93.12								

96.61	89.16								
87.06	85.54								
80.47	81.82								
69.14	86.21								
53.65	80.16								
48.03	77.29								
45.01	63.16								
41.00	63.47								
42.37	62.85								
43.69	63.66								
43.02	58.85								
41.67	59.21								
41.36	58.15								
41.00	54.16								
38.98	55.48								
38.67	60.17								
36.04	65.83								
35.07	64.13								
36.73	64.17								
38.02	66.03								
46.40	66.84								
49.69	70.10								
58.90	76.28								
69.79	80.47								
79.77	80.47								
89.34	80.78								
93.97	84.89								
101.37	84.53								
110.50	86.55								
106.23	85.20								
99.25	83.49								
94.98	84.19								
91.98	81.43								
86.99	80.47								
83.14	83.49								
84.15	82.49								
87.40	80.78								
81.48	86.83								
80.78	90.51								
82.80	103.39								
90.32	116.04								
93.35	115.70								
95.32	120.46								
99.35	124.39								
103.90	126.09								
139.97	107.66								
139.66	108.67								
141.29	108.67								
138.65	112.58								
139.66	117.85								
142.61	116.53								
143.27	114.91								
142.92	115.57								

143.27	130.16								
141.65	137.10								
139.63	138.77								
138.00	140.43								
133.37	140.48								
128.80	140.12								
125.43	136.76								
125.12	140.79								
126.54	139.43								
129.11	141.44								
129.11	137.10								
126.82	133.45								
124.76	125.82								
125.12	127.83								
126.47	126.82								
123.41	123.52								
126.78	122.51								
123.75	114.87								
121.42	114.87								
119.45	112.89								
112.08	106.99								
106.52	108.00								
102.54	104.04								
97.29	99.74								
89.07	97.80								
88.76	97.76								
82.08	97.76								
81.43	96.44								
74.09	92.79								
69.20	92.48								
68.55	92.48								
67.23	92.76								
67.54	89.76								
68.55	91.16								
68.19	90.12								
64.59	90.82								
67.18	92.48								
72.46	101.09								
75.77	106.34								
76.77	110.25								
84.10	111.93								
85.78	113.24								
88.76	114.21								
90.70	112.24								
93.38	110.25								
92.71	106.99								
93.07	106.34								
91.36	105.02								
89.07	101.76								
88.76	96.79								
85.78	97.45								
85.26	95.79								
80.76	95.12								

81.07	97.76								
81.43	101.09								
82.08	104.04								
84.10	104.40								
85.47	98.11								
85.47	97.14								
83.76	93.80								
82.44	93.49								
79.44	89.76								
80.42	94.47								
83.09	89.81								
82.08	88.49								
88.80	93.49								
91.05	96.13								
88.10	99.08								
95.27	101.76								
102.92	100.44								
105.87	99.08								
114.49	96.79								
116.50	97.76								
119.14	99.74								
116.50	98.97								
114.10	100.75								
111.41	97.45								
109.78	97.14								
102.30	100.52								
98.97	102.10								
92.71	107.66								
91.39	115.53								
92.37	121.19								
92.37	125.46								
92.37	128.84								
97.96	124.19								
101.95	119.22								
104.24	115.57								
110.76	115.57								
121.42	116.58								
124.42	114.56								
128.14	110.61								
149.28	117.43								
142.03	112.19								
141.37	111.54								
137.07	109.55								
138.03	110.22								
141.37	107.89								
142.37	99.93								
143.04	97.65								
140.79	91.05								
138.39	88.06								
138.73	88.72								
142.03	88.41								
150.60	86.12								
154.25	91.36								

155.22	91.05								
157.89	94.34								
157.89	100.94								
150.29	104.90								
152.59	114.18								
150.91	113.79								
145.06	110.53								
139.74	116.12								
138.42	121.42								
133.50	122.09								
125.15	120.72								
121.94	114.83								
122.17	114.49								
121.31	117.12								
116.12	118.75								
117.39	123.05								
113.79	126.05								
110.79	127.32								
102.92	129.34								
92.53	128.33								
88.26	122.09								
85.00	122.40								
78.25	123.72								
80.92	122.43								
82.62	121.08								
80.58	122.43								
80.58	122.09								
85.00	125.12								
86.27	122.74								
87.56	126.00								
91.21	130.66								
95.89	133.92								
97.57	132.95								
96.25	137.22								
92.87	139.24								
94.57	137.87								
96.25	133.30								
94.54	132.33								
91.21	134.93								
87.90	127.32								
86.27	127.32								
86.27	128.33								
84.33	128.69								
88.52	129.34								
91.86	122.40								
91.21	126.67								
91.52	126.44								
91.52	126.36								
99.20	123.41								
103.86	130.66								
103.55	134.58								
103.86	135.90								
107.50	135.59								

105.83	133.92								
107.19	133.30								
109.78	134.27								
112.81	131.98								
113.48	131.32								
113.79	134.58								
115.73	133.61								
116.74	127.99								
119.33	127.99								
120.00	130.01								
127.17	133.61								
126.13	132.64								
121.94	133.96								
118.68	133.92								
114.44	131.64								
113.12	130.97								
113.12	131.64								
108.74	124.73								
108.85	122.09								
105.52	114.49								
107.19	116.77								
106.84	117.78								
107.84	114.56								
108.51	112.19								
116.77	113.12								
118.71	114.80								
125.50	120.41								
128.17	119.76								
128.17	117.78								
131.20	121.42								
134.46	118.09								
140.56	122.43								
145.06	127.06								
73.13	43.61								
70.18	37.67								
68.91	36.35								
60.71	27.73								
63.63	26.10								
63.97	25.09								
61.69	23.15								
58.12	22.15								
58.77	23.82								
60.68	25.79								
62.62	26.49								
69.25	32.36								
77.24	35.57								
83.37	41.98								
85.28	43.61								
86.29	44.88								
86.24	47.83								
88.26	49.15								
87.87	49.43								
87.22	46.87								

90.56	51.45								
87.22	48.81								
82.95	47.13								
81.71	47.18								
82.02	48.50								
84.35	51.71								
89.55	52.07								
93.50	52.69								
97.77	54.43								
100.64	59.00								
105.69	62.39								
107.01	63.35								
108.64	65.06								
110.61	65.34								
107.32	66.03								
111.62	66.03								
114.18	74.65								
116.89	80.62								
121.52	89.31								
124.19	92.11								
125.47	92.45								
128.07	94.75								
128.42	96.76								
132.30	99.74								
140.17	106.70								
140.29	115.93								
139.47	115.57								
137.84	110.61								
138.85	107.01								
132.61	104.06								
133.62	103.75								
131.71	105.07								
132.64	113.60								
128.73	111.62								
126.17	107.66								
128.84	108.95								
131.99	109.60								
131.95	114.92								
125.47	116.94								
124.19	120.20								
121.86	121.52								
125.16	127.06								
125.50	124.15								
125.47	120.15								
128.11	124.78								
127.76	122.48								
123.49	116.94								
123.18	114.25								
125.16	113.24								
127.44	110.26								
128.73	105.72								
124.85	96.69								
123.15	97.77								

124.19	98.73								
125.16	94.44								
124.19	93.81								
125.50	96.10								
126.82	103.05								
124.88	107.35								
123.53	109.33								
126.44	114.56								
124.88	114.64								
121.55	110.26								
116.24	103.44								
114.25	101.06								
106.39	93.81								
103.05	84.92								
102.07	79.61								
105.02	68.70								
107.97	64.98								
108.33	63.35								
110.61	64.02								
119.84	66.73								
121.55	68.36								
126.79	70.46								
128.42	74.03								
134.24	78.30								
137.53	82.59								
136.96	86.52								
134.24	85.90								
88.69	136.65								
87.72	133.11								
87.72	127.44								
85.43	120.74								
76.12	112.05								
73.79	106.42								
68.16	101.76								
58.23	91.49								
54.27	84.53								
48.30	70.72								
44.39	61.15								
44.39	57.50								
44.96	57.50								
48.03	58.85								
50.05	59.83								
53.65	62.85								
58.59	61.15								
65.49	65.13								
72.79	70.10								
76.67	81.12								
84.77	88.88								
86.71	94.78								
83.80	90.82								
79.77	89.50								
79.10	87.17								
78.09	87.17								

70.15	87.17								
63.47	83.14								
56.65	75.35								
52.30	72.71								
45.70	68.47								
42.01	61.80								
41.31	61.80								
36.08	59.52								
34.76	56.06								
35.38	49.12								
34.10	43.76								
35.07	42.14								
35.07	37.59								
37.71	37.20								
44.70	35.85								
50.98	47.75								
61.22	54.16								
62.54	56.18								
69.79	62.15								
81.79	67.82								
87.37	69.76								
95.60	73.02								
106.26	80.78								
111.82	84.53								
112.47	88.80								
114.49	83.53								
116.81	85.20								
118.44	81.48								
114.49	79.15								
101.96	77.91								
94.00	76.28								
91.98	73.02								
88.03	70.38								
81.48	67.46								
82.80	63.16								
78.09	60.53								
80.11	58.20								
82.17	60.84								
89.34	66.19								
99.94	68.47								
103.55	76.28								
107.89	84.58								
110.22	91.49								
113.83	99.48								
113.83	102.74								
114.18	110.06								
116.08	114.02								
118.44	116.04								
116.08	119.73								
121.31	117.09								
122.63	117.43								
125.94	116.86								
128.50	114.38								

131.95	116.04								
134.66	120.07								
138.67	127.44								
137.30	127.10								
131.60	128.07								
129.28	135.64								
126.25	138.70								
127.26	142.00								
125.58	142.34								
122.06	144.33								
119.81	143.32								
121.31	140.02								
125.24	127.80								
134.01	129.07								
136.34	127.80								
144.28	119.73								
143.27	119.45								
141.96	114.72								
144.90	114.72								
150.57	109.05								
147.98	108.40								
113.43	101.79								
107.50	93.80								
106.52	92.79								
104.90	92.48								
102.92	90.15								
92.71	92.17								
89.42	90.82								
85.47	90.46								
81.43	88.13								
78.43	84.18								
76.77	88.13								
78.43	95.12								
79.44	94.81								
77.12	94.16								
77.78	98.11								
81.43	95.12								
82.08	95.48								
81.43	95.58								
84.10	94.81								
89.19	92.48								
94.34	88.80								
94.96	82.86								
94.03	81.20								
94.00	81.85								
95.63	84.84								
94.34	88.44								
98.66	91.13								
99.31	93.80								
99.98	95.79								
94.34	105.67								
88.41	107.66								
85.78	106.99								

86.43	107.42								
85.42	107.69								
86.43	101.76								
86.78	99.74								
87.75	98.77								
93.38	98.77								
96.95	100.08								
91.70	96.79								
90.38	92.48								
95.27	94.47								
96.59	96.13								
97.65	95.48								
100.32	93.80								
94.96	93.15								
93.69	97.45								
92.37	97.45								
93.61	101.09								
92.37	103.39								
103.27	109.94								
104.24	114.56								
107.27	118.24								
108.82	122.20								
107.19	126.13								
107.81	131.82								
106.84	134.12								
107.50	134.74								
107.50	136.79								
110.76	137.77								
110.14	144.13								
110.09	145.84								
109.13	138.11								
111.10	134.74								
113.43	133.11								
113.74	131.79								
121.78	130.16								
125.46	124.50								
128.14	122.87								
127.13	119.22								
123.75	115.57								
122.74	103.73								
122.43	100.75								
118.83	96.44								
119.79	90.12								
120.77	88.34								
121.11	89.76								
120.54	88.13								
117.85	88.13								
118.83	85.54								
123.10	84.18								
121.08	88.13								
122.74	89.81								
120.77	96.44								
124.76	99.74								

125.12	99.74								
126.13	99.43								
127.48	103.42								
127.83	104.35								
128.80	106.03								
139.01	110.61								
140.43	109.63								
145.25	110.25								
145.60	110.25								
147.26	107.69								
149.17	111.26								
148.27	111.57								
148.58	106.03								
146.61	99.08								
140.33	91.16								
151.92	162.08								
153.21	162.08								
147.65	161.15								
147.65	160.76								
147.34	159.14								
139.74	161.77								
134.46	151.92								
131.87	146.33								
130.86	143.07								
130.55	143.74								
126.51	144.70								
127.83	141.49								
127.17	140.87								
125.15	140.87								
121.63	142.76								
124.88	143.07								
125.50	144.05								
123.21	146.69								
116.77	147.31								
113.12	141.80								
112.47	141.18								
115.73	143.38								
119.33	143.38								
121.31	140.56								
123.83	137.87								
125.82	138.88								
128.17	134.93								
130.55	133.92								
131.51	134.93								
137.07	137.56								
138.31	137.22								
132.18	134.27								
129.85	131.32								
131.51	131.64								
131.20	136.37								
128.17	138.88								
125.50	140.87								
125.50	141.83								

120.65	142.11								
118.40	140.20								
115.42	134.27								
114.75	132.95								
119.02	131.98								
118.71	132.29								
112.97	129.34								
113.12	127.32								
118.71	127.01								
126.82	127.01								
131.20	124.73								
131.87	121.70								
137.72	124.73								
135.13	122.09								
136.71	116.77								
137.07	113.12								
143.38	113.43								
144.00	107.27								
146.33	103.23								
142.37	102.57								
137.38	101.61								
131.20	94.96								
125.50	94.65								
123.83	91.70								
117.39	96.64								
115.42	91.91								
112.47	91.36								
111.15	89.73								
98.89	86.74								
96.25	73.62								
89.22	73.62								
90.85	78.59								
91.86	79.96								
90.85	79.60								
91.21	78.28								
90.82	75.92								
94.23	79.96								
95.24	84.80								
100.86	88.41								
108.85	94.96								
115.73	102.15								
118.37	102.92								
123.52	103.23								
125.15	101.92								
127.52	110.22								
131.87	112.19								
129.85	111.54								
131.87	111.85								
129.88	116.46								
129.77	117.12								
129.18	118.13								
129.18	124.37								
127.17	132.29								

131.51	140.87								
131.51	138.23								
135.44	140.25								
141.41	143.38								
145.37	145.37								
147.34	148.97								
147.65	151.27								
147.00	148.94								
151.61	145.06								
557.38	399.16								
563.00	404.70								
556.06	421.61								
539.30	421.92								
530.02	420.29								
521.84	417.63								
530.37	432.79								
533.71	437.41								
534.59	446.72								
535.60	450.95								
538.91	447.66								
534.59	427.59								
532.00	411.81								
538.91	404.43								
544.57	402.11								
543.29	390.23								
541.63	390.58								
527.04	382.32								
511.36	366.29								
492.35	363.00								
475.67	368.66								
473.03	386.54								
468.72	401.80								
468.40	406.41								
470.08	425.49								
462.20	438.11								
445.13	428.91								
444.82	417.63								
452.73	410.44								
462.90	409.17								
468.06	402.76								
468.72	402.14								
483.85	400.20								
486.84	395.15								
484.51	388.37								
497.35	388.22								
516.56	397.17								
526.37	408.78								
529.68	424.64								
532.34	422.62								
535.65	422.62								
557.72	431.52								
554.74	423.29								
552.75	406.48								

572.85	409.12								
576.54	407.80								
571.22	395.82								
563.00	386.28								
569.82	382.27								
571.19	392.20								
567.23	389.26								
564.70	393.18								
553.45	387.94								
553.42	397.53								
546.54	422.00								
540.96	425.62								
543.64	442.72								
546.59	457.98								
541.63	452.31								
532.70	440.16								
521.56	427.90								
515.94	425.65								
522.85	431.86								
520.55	421.92								
517.91	404.78								
515.24	399.55								
505.03	378.67								
511.78	366.99								
526.14	372.03								
536.35	374.98								
545.89	373.71								
549.18	373.66								
550.86	371.69								
555.39	376.30								
544.22	382.27								
542.28	376.96								
545.23	401.80								
542.98	416.00								
520.55	415.06								
513.61	411.14								
507.02	416.65								
492.43	426.97								
494.09	429.84								
489.17	422.82								
505.73	431.52								
508.37	432.79								
512.25	424.30								
507.72	407.80								
509.66	406.76								
511.24	427.90								
518.04	426.70								
525.13	408.78								
520.55	402.11								
523.19	425.15								
526.73	434.15								
523.86	434.77								
533.04	430.51								

529.36	426.97								
531.69	421.35								
531.34	401.75								
533.12	317.32								
525.87	299.68								
512.95	298.67								
503.68	307.36								
496.96	328.93								
499.72	337.00								
475.78	325.29								
469.18	323.30								
471.97	323.66								
459.95	328.27								
460.57	330.64								
472.49	341.61								
483.74	343.24								
486.69	338.97								
494.29	336.30								
485.37	331.99								
489.01	326.95								
491.68	317.40								
467.94	302.70								
458.01	293.32								
447.66	287.68								
446.03	297.30								
438.34	305.68								
436.36	302.35								
433.33	292.03								
440.67	294.32								
446.34	307.36								
453.35	328.54								
473.60	346.93								
481.41	350.66								
491.68	359.30								
501.35	366.29								
502.67	360.62								
485.71	339.36								
484.05	328.27								
464.53	322.34								
463.59	315.31								
457.67	313.34								
469.18	317.32								
469.18	316.63								
458.36	307.39								
448.04	293.32								
460.92	299.68								
466.51	307.36								
477.76	328.58								
506.63	339.64								
516.64	340.29								
536.15	342.90								
541.89	339.64								
546.86	349.96								

554.74	356.94								
544.37	341.92								
547.55	351.67								
546.59	346.27								
544.22	330.28								
541.89	317.99								
538.55	324.66								
531.80	305.03								
490.99	286.33								
476.79	263.13								
480.04	280.31								
494.21	290.37								
489.67	283.96								
491.68	314.61								
491.34	314.97								
488.04	331.68								
478.41	327.95								
475.16	320.63								
497.32	329.66								
510.31	334.32								
511.98	338.97								
513.33	343.91								
515.01	344.61								
512.68	328.62								
515.01	328.93								
506.66	311.66								
501.69	313.52								
497.66	318.61								
490.99	329.32								
479.73	320.97								
471.48	312.02								
471.17	305.73								
475.78	311.01								
484.70	328.27								
502.31	335.30								
505.31	336.30								
518.27	340.29								
529.44	341.27								
532.16	325.67								
540.57	325.67								
546.86	345.26								
544.88	348.98								
538.55	346.27								
536.46	343.91								
532.62	330.64								
524.20	333.98								
519.59	345.62								
530.45	354.65								
535.14	357.29								
535.81	363.80								
492.24	329.96								
493.87	328.64								
499.89	332.98								

492.55	321.34								
480.84	313.82								
471.99	316.81								
474.99	319.76								
470.67	312.19								
469.71	306.18								
473.62	311.85								
478.35	309.86								
480.68	304.47								
473.98	299.77								
470.33	303.81								
468.03	310.87								
468.70	311.85								
466.37	325.35								
468.03	338.03								
458.10	340.87								
443.02	338.96								
429.90	340.20								
416.04	363.29								
414.72	364.64								
448.45	372.32								
463.73	387.66								
471.65	392.50								
473.67	387.97								
474.99	387.97								
497.26	393.51								
503.88	408.02								
507.89	399.69								
509.86	391.23								
519.91	387.35								
515.18	359.41								
492.24	350.83								
470.02	324.03								
466.37	306.52								
459.93	285.96								
466.37	277.58								
470.33	257.45								
474.29	253.11								
485.96	261.10								
485.31	258.10								
485.31	265.68								
488.91	281.30								
506.88	282.31								
500.90	278.98								
498.22	274.60								
504.55	284.95								
500.90	280.99								
509.86	288.64								
519.56	295.50								
522.94	296.17								
534.97	293.56								
530.42	302.15								
536.29	308.85								

541.41	320.46								
546.64	325.04								
545.68	331.35								
545.37	341.52								
514.51	333.53								
498.53	321.08								
486.58	316.14								
460.40	312.19								
452.13	301.79								
452.48	307.84								
451.97	306.18								
465.36	312.50								
460.40	315.14								
449.46	288.26								
457.48	285.62								
457.79	284.61								
461.02	277.58								
467.69	284.30								
470.98	289.96								
470.98	304.40								
467.64	311.85								
459.73	316.14								
463.04	319.45								
470.98	336.24								
482.00	337.30								
485.62	343.54								
495.19	343.54								
495.24	344.55								
482.98	336.63								
463.38	294.54								
452.82	286.63								
453.18	284.95								
455.51	285.93								
455.82	283.29								
450.11	281.66								
449.46	280.99								
449.46	288.26								
462.37	300.47								
483.63	321.11								
485.26	317.12								
497.57	321.42								
502.56	318.44								
500.24	305.82								
498.53	307.19								
527.24	335.75								
523.72	327.21								
511.10	326.28								
503.42	334.46								
502.72	335.75								
511.10	345.21								
503.39	341.98								
502.41	337.41								
490.38	344.59								

481.84	341.67								
483.86	352.04								
481.53	361.85								
494.42	363.84								
496.71	357.97								
499.38	354.76								
496.28	354.06								
494.07	347.15								
499.04	358.59								
483.86	364.84								
478.48	384.90								
479.52	386.21								
479.83	386.52								
466.92	393.74								
464.90	391.46								
461.90	403.21								
440.84	390.45								
435.83	406.78								
437.51	415.24								
453.49	415.24								
457.40	404.50								
461.20	403.72								
470.52	401.94								
484.87	405.49								
493.38	397.36								
505.40	407.79								
521.78	413.61								
528.99	406.78								
542.80	401.27								
548.27	393.43								
560.45	392.78								
559.80	397.70								
550.21	398.01								
543.50	389.83								
539.78	387.50								
546.64	382.96								
539.11	374.73								
541.44	376.05								
547.57	376.05								
543.19	378.35								
532.28	364.02								
521.11	348.16								
499.74	342.34								
497.64	325.30								
485.49	318.67								
477.16	307.11								
465.91	306.76								
453.18	294.11								
440.49	285.57								
443.40	297.37								
432.23	305.13								
426.91	328.92								
450.85	341.36								

454.84	359.57								
459.54	365.11								
486.78	378.69								
498.68	392.11								
504.08	390.79								
506.10	386.84								
502.07	378.35								
523.05	364.84								
521.42	342.65								
512.77	335.75								
512.11	337.72								
518.47	349.12								
510.79	342.65								
508.82	353.39								
511.41	359.26								
510.79	362.28								
510.45	361.23								
506.75	368.44								
509.44	373.41								
533.88	396.38								
525.38	406.78								
518.47	397.70								
515.80	400.26								
524.37	414.93								
510.45	396.38								
505.59	395.06								
512.11	392.47								
514.12	377.03								
508.12	368.44								
507.14	349.43								
503.39	341.95								
494.42	348.78								
494.10	322.97								
495.42	314.67								
496.04	308.38								
496.04	305.44								
509.44	312.00								
506.41	312.70								
546.54	415.69								
559.04	418.28								
569.25	417.32								
566.30	417.00								
560.40	401.75								
546.86	394.19								
548.53	399.86								
542.66	398.85								
546.86	409.74								
539.64	399.86								
531.72	410.44								
525.41	410.10								
515.27	413.08								
517.26	413.08								
529.36	416.73								

532.39	422.93								
534.98	420.29								
526.14	425.26								
500.69	428.52								
495.69	438.14								
499.37	444.27								
508.44	439.85								
502.70	430.51								
497.40	423.94								
496.70	424.30								
509.97	421.92								
522.18	424.30								
534.05	423.29								
562.06	407.41								
572.20	401.80								
572.90	399.86								
560.48	402.80								
553.81	400.51								
549.23	394.84								
528.05	407.80								
528.67	413.08								
524.48	413.08								
525.25	415.61								
521.87	434.77								
529.71	437.44								
542.01	429.50								
557.72	425.96								
584.18	435.81								
584.88	436.12								
585.54	420.99								
577.27	403.12								
570.21	400.17								
565.94	397.87								
564.36	394.84								
562.06	391.58								
548.53	397.87								
538.01	390.23								
524.48	383.59								
527.74	392.17								
534.21	404.47								
554.43	421.04								
562.68	421.35								
563.35	422.05								
572.20	425.34								
577.24	428.26								
595.09	437.83								
612.63	439.20								
616.20	448.35								
629.62	450.01								
633.84	446.72								
635.78	443.42								
639.79	442.77								
633.14	443.08								

632.57	430.20								
627.01	423.63								
617.16	418.09								
609.94	417.66								
604.28	411.81								
589.15	414.71								
569.51	404.47								
560.36	404.78								
549.85	405.44								
543.33	408.47								
536.69	403.77								
522.85	396.91								
515.20	396.52								
508.34	386.59								
501.04	376.69								
511.94	377.00								
509.97	387.24								
517.91	392.20								
523.19	393.11								
515.97	376.65								
520.55	385.58								
522.88	394.19								
522.23	398.54								
528.70	408.81								
517.26	401.80								
513.61	394.19								
513.26	381.96								
512.95	373.35								
513.30	369.44								
520.24	380.26								
525.80	392.20								
533.04	392.56								
543.91	301.00								
547.86	308.71								
543.91	312.64								
537.16	305.03								
539.17	324.04								
538.21	326.29								
536.53	343.60								
527.50	340.29								
510.23	334.99								
511.36	333.31								
518.30	335.68								
512.32	335.30								
528.15	344.25								
533.48	347.63								
537.51	334.63								
537.16	329.97								
525.52	323.69								
515.32	317.32								
504.95	326.95								
495.30	328.93								
477.10	328.78								

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455.99	319.31								
447.35	327.26								
438.03	330.64								
432.99	326.60								
441.32	338.63								
446.03	322.99								
461.23	318.33								
469.49	320.97								
475.78	322.52								
475.00	332.66								
487.70	340.26								
488.66	341.89								
494.94	347.63								
491.34	353.33								
487.39	354.31								
494.60	371.69								
495.64	370.29								
492.30	352.99								
486.69	346.31								
497.71	344.56								
493.31	341.53								
497.66	346.62								
510.66	335.30								
513.95	320.01								
511.36	313.99								
501.69	302.35								
500.69	303.02								
499.68	305.73								
504.95	312.98								
498.05	300.69								
490.33	282.30								
483.69	273.33								
477.10	269.29								
479.04	277.28								
490.64	298.86								
502.67	299.32								
502.31	292.69								
520.94	300.69								
523.89	304.72								
538.83	320.63								
554.04	339.64								
556.40	347.43								
569.09	353.33								
568.66	364.32								
568.97	362.30								
556.32	359.97								
552.10	362.64								
542.87	360.28								
543.91	350.30								
539.17	338.97								
527.19	327.30								
518.27	324.93								

522.54	335.99								
524.20	330.98								
518.61	332.30								
519.93	337.65								
525.52	353.64								
531.80	363.42								
525.49	364.97								
521.92	360.28								
520.60	352.99								
515.94	340.60								
509.27	335.33								
507.98	318.64								
501.66	319.00								
505.31	322.65								
495.30	317.99								
482.06	310.57								
478.77	306.69								
460.57	304.06								
465.53	320.01								
455.29	311.35								
455.65	308.99								
456.35	320.63								
473.76	329.97								
494.63	338.63								
496.96	340.29								
504.30	333.31								
554.16	286.58								
562.00	309.86								
563.32	314.17								
548.58	308.85								
546.95	312.50								
516.92	307.84								
521.26	313.63								
530.73	323.05								
524.91	314.48								
510.87	310.56								
502.87	318.78								
488.25	317.82								
489.91	316.14								
494.23	326.67								
487.28	325.35								
487.94	331.66								
488.25	320.77								
487.28	323.05								
486.27	321.08								
489.26	320.77								
493.22	321.11								
492.24	316.53								
489.26	296.51								
484.64	298.14								
490.58	294.54								
492.24	291.31								
504.81	290.97								

515.21	288.26								
511.84	284.95								
507.89	281.97								
512.15	290.97								
519.25	294.88								
525.58	308.51								
528.48	318.78								
524.57	335.62								
519.56	334.22								
511.18	322.09								
507.53	328.02								
484.30	327.37								
491.54	318.86								
488.91	313.51								
461.05	290.97								
446.85	281.30								
443.64	269.32								
442.35	262.37								
455.85	255.43								
450.42	261.05								
453.88	248.45								
455.51	246.39								
442.35	239.68								
456.83	246.51								
467.69	260.74								
480.68	264.70								
497.26	268.62								
490.58	266.37								
494.10	269.63								
494.88	266.37								
506.52	271.60								
519.56	286.58								
516.89	282.98								
524.26	284.95								
519.56	279.26								
507.22	263.38								
506.52	259.42								
510.87	258.07								
492.55	246.07								
483.01	239.37								
490.27	233.01								
483.99	238.70								
495.94	246.74								
489.91	254.77								
490.92	264.36								
493.92	263.69								
495.97	268.00								
508.23	287.25								
527.21	308.85								
526.85	320.77								
521.62	328.33								
518.59	324.03								
497.91	314.17								

498.92	317.46								
504.24	322.09								
504.24	333.18								
496.95	328.33								
497.18	321.42								
484.33	315.80								
470.67	304.12								
471.34	305.48								
464.82	307.19								
471.34	310.22								
475.68	315.80								
460.09	301.14								
457.17	283.63								
454.84	279.41								
456.83	277.55								
457.48	280.96								
463.38	282.98								
460.04	268.55								
431.41	256.08								
437.07	258.10								
567.09	413.95								
572.99	416.90								
561.69	409.37								
559.18	402.90								
555.53	398.01								
573.64	401.58								
574.62	408.75								
568.72	411.67								
571.00	415.89								
566.74	425.79								
576.59	433.04								
581.25	441.31								
580.90	439.71								
584.27	453.57								
575.58	456.83								
570.35	440.02								
563.71	426.10								
538.46	424.16								
523.25	409.68								
508.46	400.62								
506.10	389.47								
503.39	384.90								
499.66	379.00								
501.06	372.56								
505.09	374.42								
503.73	366.86								
505.43	356.34								
503.73	337.06								
530.65	332.83								
534.58	326.93								
530.00	321.34								
524.06	308.74								
521.47	310.37								

523.75	313.35								
514.12	321.70								
510.79	339.73								
519.79	344.28								
520.18	344.59								
528.01	345.37								
522.74	368.13								
525.04	373.41								
538.41	388.51								
535.20	395.42								
538.46	411.31								
544.51	415.27								
563.06	410.66								
571.00	413.30								
566.43	412.99								
557.86	410.66								
571.36	407.12								
566.43	390.14								
561.23	382.30								
561.69	366.50								
554.86	357.63								
541.13	345.24								
529.64	336.09								
522.43	333.81								
521.78	328.56								
512.46	333.81								
513.81	342.99								
511.15	338.07								
518.47	340.04								
520.49	323.33								
530.00	322.66								
530.31	328.92								
530.00	325.97								
542.45	338.73								
535.85	356.39								
540.48	336.40								
531.32	334.15								
539.11	340.71								
543.50	338.38								
538.41	353.08								
545.55	357.63								
543.15	345.86								
528.01	339.73								
525.97	328.25								
515.13	336.75								
531.32	347.15								
526.04	360.92								
525.07	366.86								
518.83	375.82								
522.74	379.35								
527.01	381.99								
538.10	396.07								
548.31	411.00								

570.35	437.43								
573.64	441.34								
567.74	447.93								
572.01	446.97								
573.33	447.62								
577.29	449.61								
567.12	450.31								
569.68	452.90								
561.43	450.62								
548.27	450.93								
549.28	429.70								
552.54	419.58								
561.07	412.94								
548.31	397.05								

0	Min. RPM	0	Voltage(V)	120.09
59.993	Power P1(W)	3.32	Current(A)	0.0607
Velocity in FPM - Axis #				Average
A	B	C	D	Vel. (FPM)
68.35	68.35	68.35	68.35	68.35
103.10	83.22	74.42	79.71	85.11
113.70	97.03	102.72	115.19	107.16
86.82	92.04	108.94	121.00	102.20
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
Total Air Flow of Low Speed(CFM)				429.06

0	Min. RPM	0	Voltage(V)	#DIV/0!	Stability (<±5%)
#DIV/0!	Power P1(W)	#DIV/0!	Current(A)	#DIV/0!	
Velocity in FPM - Axis #				Average	
A	B	C	D	Vel. (FPM)	
83.45	83.45	83.45	83.45	83.45	0.0873
114.50	95.99	81.34	95.40	96.81	0.6981
110.01	90.45	107.13	125.41	108.25	1.3963
79.77	89.43	103.22	124.33	99.19	2.0944
0.00	0.00	0.00	0.00	0.00	2.7925
0.00	0.00	0.00	0.00	0.00	3.4907
0.00	0.00	0.00	0.00	0.00	4.1888
0.00	0.00	0.00	0.00	0.00	4.8869
0.00	0.00	0.00	0.00	0.00	5.5851
0.00	0.00	0.00	0.00	0.00	6.2832
0.00	0.00	0.00	0.00	0.00	6.9813
0.00	0.00	0.00	0.00	0.00	7.6794
Total Air Flow of Low Speed(CFM)				433.75	
Average Total Air Flow of Low Speed(CFM)				431.41	

0	Min. RPM	0	Voltage(V)	120.07
59.993	Power P1(W)	21.04	Current(A)	0.2915
Velocity in FPM - Axis #				Average
A	B	C	D	Vel. (FPM)
363.27	363.27	363.27	363.27	363.27
459.01	514.59	523.55	501.90	499.76
523.45	496.20	480.73	499.37	499.94
409.71	325.17	316.48	363.78	353.78
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00

Power	
	1st
	2nd
	1st
	2nd

RPM	
	1st
	2nd
	1st
	2nd

Input Voltage
Stability(≤±1%)

0.00	0.00	0.00	0.00	0.00	5.5851	0.00
0.00	0.00	0.00	0.00	0.00	6.2832	0.00
0.00	0.00	0.00	0.00	0.00	6.9813	0.00
0.00	0.00	0.00	0.00	0.00	7.6794	0.00
Total Air Flow of High Speed(CFM)						1819.62

0	Min. RPM			0	Voltage(V)		#DIV/0!	Stability ($\pm 5\%$)
#DIV/0!	Power P1(W)			#DIV/0!	Current(A)		#DIV/0!	
Velocity in FPM - Axis #				Average Vel. (FPM)	Circle area (sq in)	Air Delivery (CFM)		
A	B	C	D					
395.76	395.76	395.76	395.76	395.76	0.0873	34.55	8.6	
492.11	533.13	544.88	524.09	523.55	0.6981	365.49	4.6	
548.38	505.62	493.56	541.78	522.34	1.3963	729.34	4.4	
411.05	328.92	292.72	381.63	353.58	2.0944	740.54	-0.1	
0.00	0.00	0.00	0.00	0.00	2.7925	0.00	#DIV/0!	
0.00	0.00	0.00	0.00	0.00	3.4907	0.00	#DIV/0!	
0.00	0.00	0.00	0.00	0.00	4.1888	0.00	#DIV/0!	
0.00	0.00	0.00	0.00	0.00	4.8869	0.00	#DIV/0!	
0.00	0.00	0.00	0.00	0.00	5.5851	0.00	#DIV/0!	
0.00	0.00	0.00	0.00	0.00	6.2832	0.00	#DIV/0!	
0.00	0.00	0.00	0.00	0.00	6.9813	0.00	#DIV/0!	
0.00	0.00	0.00	0.00	0.00	7.6794	0.00	#DIV/0!	
Total Air Flow of High Speed(CFM)							1869.92	
Average Total Air Flow of High Speed(CFM)							1844.77	

13	14	15	16	17	18	19	20	21	22
0.0873	0.0873	0.0873	0.0873	0.0873	0.0873	0.0873	0.0873	0.0873	0.0873
0.6981	0.6981	0.6981	0.6981	0.6981	0.6981	0.6981	0.6981	0.6981	0.6981
1.6199	1.8544	2.0998	2.3562	1.3963	1.3963	1.3963	1.3963	1.3963	1.3963
				1.2272	1.5053	1.7944	2.0944	2.4053	2.7271

Average of Low Setting							
A	B	C	D	Average	/	Min	Max
3.32	3.32	#DIV/0!	#DIV/0!	#DIV/0!		3.29	3.35
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Stability	#DIV/0!	#DIV/0!
Average				#DIV/0!	(<±1%)		
Average of Hight Setting							
A	B	C	D	Average	/	Min	Max
20.90	21.18	#DIV/0!	#DIV/0!	#DIV/0!		19.39	23.22
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Stability	#DIV/0!	#DIV/0!
Average				#DIV/0!	(<±1%)		

Average of Low Setting							
A		B		C		D	
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
Average of Hight Setting							
A		B		C		D	
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

Min	Max
119.83	120.12
-0.1417	0.1

23	24	25	26	27	28	29	30	31	32	33	34
0.0873	0.0873	0.0873	0.0873	0.0873	0.0873	0.0873	0.0873	0.0873	0.0873	0.0873	0.0873
0.6981	0.6981	0.6981	0.6981	0.6981	0.6981	0.6981	0.6981	0.6981	0.6981	0.6981	0.6981
1.3963	1.3963	1.3963	1.3963	1.3963	1.3963	1.3963	1.3963	1.3963	1.3963	1.3963	1.3963
3.0598	3.4034	2.0944	2.0944	2.0944	2.0944	2.0944	2.0944	2.0944	2.0944	2.0944	2.0944
		1.6635	2.0289	2.4053	2.7925	3.1907	3.5997	4.0197	4.4506	2.7925	2.7925

[illegible]

3.0161	3.4907	3.9761	4.4724	4.9796	5.4978	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907
						2.5362	3.0761	3.6270	4.1888	4.7615	5.3451	5.9396

[illegible]

3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907
6.5450	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888
	2.9725	3.5997	4.2379	4.8869	5.5469	6.2177	6.8995	7.5922	4.8869	4.8869	4.8869	4.8869	4.8869	4.8869
									3.4088	4.1233	4.8487	5.5851	6.3323	

[illegible]

3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907
4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888
4.8869	4.8869	4.8869	4.8869	4.8869	4.8869	4.8869	4.8869	4.8869	4.8869	4.8869	4.8869	4.8869	4.8869
7.0904	7.8594	8.6394	5.5851	5.5851	5.5851	5.5851	5.5851	5.5851	5.5851	5.5851	5.5851	5.5851	5.5851
			3.8452	4.6469	5.4596	6.2832	7.1177	7.9631	8.8194	9.6866	6.2832	6.2832	6.2832
											4.2815	5.1705	6.0705

[illegible]

3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907	3.4907
4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888	4.1888
4.8869	4.8869	4.8869	4.8869	4.8869	4.8869	4.8869	4.8869	4.8869
5.5851	5.5851	5.5851	5.5851	5.5851	5.5851	5.5851	5.5851	5.5851
6.2832	6.2832	6.2832	6.2832	6.2832	6.2832	6.2832	6.2832	6.2832
6.9813	7.9031	8.8357	9.7793	10.7338	6.9813	6.9813	6.9813	6.9813
					4.7178	5.6941	6.6813	7.6794