

INSTRUMENT CALIBRATION LIST

INSTRUMENT	MANUFACTURER	MODEL / SERIAL #	CALIBRATION DATE	CALIBRATION DUE DATE
Tempature Probe	Evergreen Telemetry	PR-T-5 / 2400154	6/19/2024	6/19/2025
Pressure Module	Evergreen Telemetry	S-PVF-1 / 2200372C	7/1/2024	7/1/2005
Module Sensor	Evergreen Telemetry	MS-T&H-101 / 2100151B	7/1/2024	7/1/2025
Humidity Sensor	Evergreen Telemetry	PR-TH-1 / 2400186	6/28/2024	6/28/2025
Immersion Temp Probe	Evergreen Telemetry	PR-T-4-6 / 2400091	8/4/2024	8/4/2025
Stroboscope / Photo-Tach	Extech	461825 / H437763	7/24/2024	7/24/2025
AC/DC Clamp-On	AMPROBE	AMP-220 / 200501513	7/24/2024	7/24/2025



Certificate of Calibration

Airflow Pros

Manufacturer	Evergreen Telemetry			Calibration Environment		
Temperature Product		Module	Probe	Temperature	71	°F
Model			PR-T-5	Rel. Humidity	32	%
SN			2400154	Bar. Pressure	28.5	in Hg

As Found
 As Left
 In Tolerance
 Out of Tolerance

Calibration Data

Measurement Variable	Test Point	Cal Standard	Allowable Range		Test Instrument	
			Min	Max		
Cal Lab Module & Test Probe	Spec					
Temperature (°F)	1	74.7	-0.3	+0.3	74.8	
	2	241.7	-2.6	+2.6	242.7	
	3	-43.1	-1.6	+1.6	-42.4	

Indicates out of tolerance condition -----↑

Calibration Standard SN & Dates

Variable	System ID	Calibration Last	Calibration Due
Temperature	16320239	12-Sep-23	12-Sep-25
Temperature	21396189	5-Feb-24	5-Feb-26

This instrument has been checked for accuracy, calibrated to manufacturer's specifications, and found to be within the specified tolerance unless otherwise stated. It has been calibrated using measurement standards traceable to the National Institute of Standards and Technology, or accepted intrinsic standards of measurement, or derived by the ratio type of self calibrated techniques.

 Calibrated By

19-Jun-2024 19-Jun-2026

 Calibration Date Date Due



Certificate Of Calibration

Airflow Pros

Manufacturer	Evergreen Telemetry	Calibration Environment		
Product	Pressure / Velocity Module	Temperature	71	°F
Model	S-PVF-1	Rel. Humidity	39	%
SN	2200372C	Bar. Pressure	28.6	in Hg

As Found
 As Left
 In Tolerance
 Out of Tolerance

Calibration Data

Measurement Variable	Test Point	Cal Standard	Allowable Range		Test Instrument
			Min	Max	
Barometric Pressure (in Hg)	Spec		-2% - 0.1	+ 2% + 0.1	
	1	20.0			20.1
	2	28.6			28.7
	3	33.0			33.1
Differential Pressure (in wc)	Spec		-2%-.001	+2%+.001	
	1	10.00			9.969
	2	2.000			1.991
	3	0.5000			0.4967
	4	0.0500			0.0496
	5	-10.00			-9.993
	6	-0.0500			-0.0497
Via Pitot >>			-3% - 7	+3% + 7	
Velocity Pressure >>	7	0.0007 / 106			106
(inW.C. / FPM)	8	0.0158 / 503			501
-3% -7					

Indicates out of tolerance condition -----↑

NIST-Traceable Lab Calibration Standards

Variable	System ID	Calibration Last	Calibration Due
Pressure	7481227	8-Mar-23	8-Mar-25
Pressure	7568470	8-Mar-23	8-Mar-25
Pressure	7871917	12-Sep-23	12-Sep-25
Pressure	7870754	12-Sep-23	12-Sep-25
Pressure	2205000006	13-Sep-23	13-Sep-25
Pressure	1208000080	13-Feb-23	13-Feb-25
Pressure	41001F6C	27-Apr-23	27-Apr-25
Velocity	2100191A	24-Feb-23	24-Feb-25
Velocity	2100190A	1-May-23	1-May-25

This instrument has been checked for accuracy, calibrated to manufacturer's specifications, and found to be within the specified tolerance unless otherwise stated. It has been calibrated using measurement standards traceable to the National Institute of Standards and Technology, or accepted intrinsic standards of measurement, or derived by the ratio type of self calibrated techniques.

 Calibrated By

1-Jul-2024 1-Jul-2026
 Calibration Date Date Due



Certificate of Calibration

Airflow Pros

Manufacturer	Evergreen Telemetry	Calibration Environment		
Temperature Product	Module Sensor	Temperature	71	°F
Model	MS - T&H - 101	Rel. Humidity	39	%
SN	2100151B	Bar. Pressure	28.6	in Hg

As Found
 As Left
 In Tolerance
 Out of Tolerance

Calibration Data

Measurement Variable	Test Point	Cal Standard	Allowable Range		Test Instrument	
			Min	Max		
Cal Lab Probe & Test Module	Spec					
Temperature (°F)	1	74.8	-0.3	+0.3	74.9	
	2	241.7	-2.6	+2.6	242.8	
	3	-43.4	-1.6	+1.6	-43.7	

Indicates out of tolerance condition -----↑

Calibration Standard SN & Dates

Variable	System ID	Calibration Last	Calibration Due
Temperature	16320239	12-Sep-23	12-Sep-25
Temperature	21396189	5-Feb-24	5-Feb-26

This instrument has been checked for accuracy, calibrated to manufacturer's specifications, and found to be within the specified tolerance unless otherwise stated. It has been calibrated using measurement standards traceable to the National Institute of Standards and Technology, or accepted intrinsic standards of measurement, or derived by the ratio type of self calibrated techniques.

 Calibrated By

1-Jul-2024 1-Jul-2026

 Calibration Date Date Due



Certificate of Calibration

Airflow Pros

Manufacturer	Evergreen Telemetry	Calibration Environment		
Product	Humidity Sensor	Temperature	70	°F
Model	PR-TH-1	Rel. Humidity	38	%
SN	2400186	Bar. Pressure	28.5	in Hg

As Found
 As Left
 In Tolerance
 Out of Tolerance

Calibration Data

Measurement Variable	Test Point	Cal Standard	Allowable Range		Test Instrument	
			Min	Max		
Temperature (°F)	Spec					
	1	40.1	-1.0	1.0	40.5	
	2	78.6	-1.0	1.0	76.0	
	3	85.7	-1.0	1.0	85.9	
	4	128.5	-2.0	2.0	128.5	
Barometric Pressure (in Hg)	Spec		-2% - 0.1	+ 2% + 0.1		
	1	20.0			20.0	
	2	28.5			28.4	
	3	33.0			33.0	
Humidity %RH 10 to 90%	Spec		-3	3		
	1	10.3			10.3	
	2	23.9			25.6	
	3	62.2			60.0	
	4	88.7			88.1	

Indicates out of tolerance condition -----↑

Calibration Standard

Variable	System ID	Calibration Last	Calibration Due
Temperature	16320239	12-Sep-23	12-Sep-25
Temperature	21396189	5-Feb-24	5-Feb-26
Pressure	2205000006	13-Sep-23	13-Sep-25
Pressure	1208000080	13-Feb-23	13-Feb-25
Humidity	20558772	12-Sep-23	12-Sep-24
Humidity	20052171	5-Feb-24	5-Feb-25

This instrument has been checked for accuracy, calibrated to manufacturer's specifications, and found to be within the specified tolerance unless otherwise stated. It has been calibrated using measurement standards traceable to the National Institute of Standards and Technology, or accepted intrinsic standards of measurement, or derived by the ratio type of self calibrated techniques.

Temperature accuracy (dry bulb) varies across the operating range:

Temperature over 32-100F +/- 1.0 F
 Temperature over 100-158F +/- 2.0 F

 Calibrated By

28-Jun-2024 28-Jun-2025
 Calibration Date Date Due



Certificate of Calibration

Airflow Pros

Manufacturer	Evergreen Telemetry			Calibration Environment		
Temperature Product		Module	Probe	Temperature	71	°F
Model			PR-T-4-6	Rel. Humidity	39	%
SN			2400091	Bar. Pressure	28.6	in Hg

As Found
 As Left
 In Tolerance
 Out of Tolerance

Calibration Data

Measurement Variable	Test Point	Cal Standard	Allowable Range		Test Instrument	
			Min	Max		
Cal Lab Module & Test Probe	Spec					
Temperature (°F)	1	74.8	-0.3	+0.3	74.9	
	2	241.7	-2.6	+2.6	242.8	
	3	-43.4	-1.6	+1.6	-43.7	

Indicates out of tolerance condition -----↑

Calibration Standard SN & Dates

Variable	System ID	Calibration Last	Calibration Due
Temperature	16320239	12-Sep-23	12-Sep-25
Temperature	21396189	5-Feb-24	5-Feb-26

This instrument has been checked for accuracy, calibrated to manufacturer's specifications, and found to be within the specified tolerance unless otherwise stated. It has been calibrated using measurement standards traceable to the National Institute of Standards and Technology, or accepted intrinsic standards of measurement, or derived by the ratio type of self calibrated techniques.

 Calibrated By

1-Jul-2024 1-Jul-2026

 Calibration Date Date Due

Hoover Instrument Service, Inc.
 401 North Home Road
 Mansfield, Ohio 44906-2398
 (419) 529-3226 Fax(419) 529-9360

To: **Airflow Pros**
1001 Eastwind Drive - Suite 203
Westerville, OH 43081

Test Report # 64900
 P.O.# _____
 Date: 7/24/24

Condition as Received Returned In Tolerance Out of Tolerance Data on Next Sheet

Make:	Extech	Hoover	Customer	RPM		RPM	
				Hoover	Customer	Hoover	Customer
Description:	stroboscope / photo-tach			Photo-Tach		Stroboscope	
Model #	461825			300.0	300.0	300.0	300.0
Mfg Serial #	H437763			600.0	599.9	600.0	600.0
Customer #				900.0	899.9	900.0	900.0
RH %	50	Temperature:	23 °C	1800	1800	1800	1800
Accuracy:	+/- 0.1 RPM +/- 2d			3600	3600	3600	3600
Accuracy of Standard:	strobe = +/- 0.05%			7200	7199	7200	7199
	photo = +/- 0.0008%						

Services Performed:

- Cleaned
- Movement Repaired
- Pointer Repaired
- Reset Pointer
- Zero Adjusted
- Adjust Calibration
- Repaired
- Batteries

Calibration Location On Site

Test Instruments Used:

Altek #40A s/n 195587
 Sperry #TACH-1 s/n L301594

Due Date:

8/24
 4/25

Notes:

Calibration Procedure: **5023-2**

Revision: **1**

Calibration Cycle: **1 year**

Tested By:



Quality Control:



Hoover Instrument Service, Inc.
 401 North Home Road
 Mansfield, Ohio 44906-2398
 (419) 529-3226 Fax(419) 529-9360

To: **Airflow Pros**
1001 Eastwind Drive - Suite 203
Westerville, OH 43081

Test Report # 64898
 P.O.# _____
 Date: 7/24/24

Condition as Received Returned In Tolerance Out of Tolerance Data on Next Sheet

Make:	Amprobe	Hoover Customer		Hoover Customer		Hoover Customer	
		DCV		ACV		Resistance	
Description:	ac/dc clamp-on	50.00	49.8	50.00	49.8	100.0	100.0 Ω
		100.0	99.8	100.0	99.8	1.000 K	1.000 K
Model #	AMP-220	150.0	149.8	150.0	149.7	10.000 K	9.99 K
		250.0	249.8	250.0	249.6		
Mfg Serial #	200501513	500.0	499.7	500.0	499.4		
Customer #							
		DCA		ACA			
RH %	50	25.0	25.13	25.0	25.15		
Temperature:	23 °C	50.0	50.48	50.0	50.45		
Accuracy:	acv = +/- 1% +/- 5d	75.0	75.6	75.0	75.8		
	aca = +/- 1.8% +/- 5d	100.0	100.9	100.0	101.2		
	dcv = +/- 1% +/- 5d	200.0	202.6	200.0	202.0		
	dca = +/- 2% +/- 5d	300.0	305.2	300.0	302.5		
	res = +/- 1% +/- 5d	400.0	406.4	400.0	405.2		
Accuracy of Standard:		500.0	509.0	500.0	507.5		
	acv = +/- 0.5%						
	aca = +/- 0.5%						
	dcv = +/- 0.03%						
	dca = +/- 0.3%						
	res. = +/- 0.1%						

Services Performed:

- Cleaned
- Movement Repaired
- Pointer Repaired
- Reset Pointer
- Zero Adjusted
- Adjust Calibration
- Repaired
- Batteries

Calibration Location On Site

Test Instruments Used:

Amprobe #BDM40-UA s/n 07110052
Shallcross #830 s/n 21107

Due Date:

12/24
 4/25

Notes:

Calibration Procedure: **5075-33**

Revision: **0**

Calibration Cycle: **1 year**

Tested By:



Quality Control:

