



INSTRUMENT CALIBRATION LIST

INSTRUMENT	MANUFACTURER	MODEL / SERIAL #	CALIBRATION DATE	CALIBRATION DUE DATE
Module Sensor	Evergreen Telemetry	T&H-101 / 2300211C	8/12/2024	8/12/2025
Pressure Module	Evergreen Telemetry	PVF-1 / 2300542D	8/12/2024	8/12/2025
Immersion Temp Probe	Evergreen Telemetry	PR-T-4-6 / 2300273	8/12/2024	8/12/2025
Humidity Sensor	Evergreen Telemetry	PR-TH-12 / 2300125	8/12/2024	8/12/2025
Anemometer	Amprobe	TMA-10A / 23070010	8/22/2024	8/22/2025
AC/DC Clamp-On	Amprobe	AMP-220 / 211100429	8/22/2024	8/22/2025
Stroboscope/Photo-Tach	Extech	461825 / H443229	8/22/2024	8/22/2025



Certificate of Calibration

Airflow Pros

Manufacturer	Evergreen Telemetry	Calibration Environment		
Temperature Product	Module Sensor	Temperature	74	°F
Model	MS - T&H - 101	Rel. Humidity	39	%
SN	2300211C	Bar. Pressure	28.7	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	75.2	-0.3	+0.3	75.1	
	2	242.0	-2.6	+2.6	242.2	
	3	-43.5	-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

12-Aug-2024 12-Aug-2026

 Calibration Date Date Due



Certificate Of Calibration

Airflow Pros

Manufacturer	Evergreen Telemetry	Calibration Environment		
Product	Pressure / Velocity Module	Temperature	74	°F
Model	S-PVF-1	Rel. Humidity	39	%
SN	2300542D	Bar. Pressure	28.7	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			20.0
	2	28.7			28.7
	3	33.0			33.1
Differential Pressure (in wc)	Spec		-2%-.001	+2%+.001	
	1	10.00			9.970
	2	2.000			1.993
	3	0.5000			0.4980
	4	0.0500			0.0498
	5	-10.00			-9.997
	6	-0.0500			-0.0497
Via Pitot >> Velocity Pressure >> (inW.C. / FPM) -3% -7			-3% - 7	+3% + 7	
	7	0.00072 / 107			108
	8	0.0159 / 505			503

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	19-Jun-24	19-Jun-26
Velocity	2100191A	24-Feb-23	24-Feb-25
Velocity	2100190A	1-May-23	1-May-25

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 Calibrated By

12-Aug-2024 12-Aug-2026
 Calibration Date Date Due



Certificate of Calibration

Airflow Pros

Manufacturer	Evergreen Telemetry			Calibration Environment		
Temperature Product	Module	Probe	Temperature	74	°F	
Model		PR-T-4-6	Rel. Humidity	39	%	
SN		2300273	Bar. Pressure	28.7	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	75.2	-0.3	+0.3	75.1	
	2	242.0	-2.6	+2.6	242.2	
	3	-43.5	-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

12-Aug-2024 12-Aug-2026

 Calibration Date Date Due



Certificate of Calibration

Airflow Pros

Manufacturer	Evergreen Telemetry	Calibration Environment		
Product	Humidity Sensor	Temperature	74	°F
Model	PR-TH-12	Rel. Humidity	39	%
SN	2300125	Bar. Pressure	28.7	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	39.6	-1.0	1.0	39.7
	2	75.0	-1.0	1.0	75.0
	3	85.6	-1.0	1.0	85.6
	4	128.5	-2.0	2.0	128.4
Barometric Pressure (in Hg)	Spec		-2% - 0.1	+ 2% + 0.1	
	1	20.0			20.0
	2	28.5			28.5
	3	33.0			33.0
Humidity %RH 10 to 90%	Spec		-3	3	
	1	10.4			10.6
	2	22.2			23.7
	3	55.9			55.1
	4	88.6			87.6

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

12-Aug-2024 12-Aug-2025

 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
Westerville, Ohio 43081
 Attn: **Ron Chiona**

Test Report # 65091
 P.O.# _____
 Date: 8/22/24

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

	Hoover	Customer	Hoover	Customer	Hoover	Customer
Make: <u>Amprobe</u>			feet/minute		temperature	
Description: <u>anemometer</u>					fahrenheit	
Model # <u>TMA-10A</u>			<u>335</u>	<u>341</u>	<u>73.6</u>	<u>73.7</u>
Mfg Serial # <u>23070010</u>			<u>550</u>	<u>555</u>		
Customer # _____			<u>730</u>	<u>734</u>		
RH % <u>49</u> Temperature: <u>23 °C</u>			<u>1020</u>	<u>1029</u>		
Accuracy: _____			<u>1530</u>	<u>1540</u>		
Temp = +/- 1.5 °F						
+/- 2% of F.S.						
Accuracy of Standard: _____						
+/- 5 ft/min						
Temp = +/- 0.5 °F						

Services Performed:

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

Calibration Location On Site

Test Instruments Used:

Tegam	#855	s/n T-113227
TSI	#8330	s/n 95030100

Due Date:

12/24
6/25

Notes:

Calibration Procedure: 5075-23

Revision: 0

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
Westerville, Ohio 43081
 Attn: **Ron Chiona**

Test Report # 65090
 P.O.# _____
 Date: 8/22/24

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

Make: <u>Amprobe</u>	Hoover	Customer	Hoover	Customer	Hoover	Customer
	<u>DCV</u>		<u>ACV</u>		<u>Resistance</u>	
Description: <u>ac/dc clamp-on</u>	50.00	<u>49.9</u>	50.00	<u>49.9</u>	100.0	<u>100.0 n</u>
	100.0	<u>99.9</u>	100.0	<u>99.8</u>	1.000 K	<u>1.000K</u>
Model #: <u>AMP-220</u>	150.0	<u>149.9</u>	150.0	<u>149.7</u>	10.000 K	<u>10.00K</u>
	250.0	<u>249.9</u>	250.0	<u>249.7</u>		
Mfg Serial #: <u>211100429</u>	500.0	<u>499.9</u>	500.0	<u>499.6</u>		
Customer # _____						
RH % <u>49</u> Temperature: <u>23</u> °C	<u>DCA</u>		<u>ACA</u>			
Accuracy: acv = +/- 1% +/- 5d	25.0	<u>24.86</u>	25.0	<u>24.96</u>		
aca = +/- 1.8% +/- 5d	50.0	<u>49.96</u>	50.0	<u>50.05</u>		
dcv = +/- 1% +/- 5d	75.0	<u>74.9</u>	75.0	<u>75.0</u>		
dca = +/- 2% +/- 5d	100.0	<u>99.9</u>	100.0	<u>100.3</u>		
	200.0	<u>200.2</u>	200.0	<u>201.0</u>		
	300.0	<u>301.7</u>	300.0	<u>300.9</u>		
	400.0	<u>402.2</u>	400.0	<u>402.0</u>		
Accuracy of Standard:	500.0	<u>403.0</u>	500.0	<u>503.4</u>		
acv = +/- 0.5% dcv = +/- 0.03%						
aca = +/- 0.5% 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:

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

Due Date:

12/24
4/25

Notes:

Calibration Procedure: 5075-33

Revision: 0

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
 Westerville, Ohio 43081
 Attn: **Ron Chiona**

Test Report # 65092
 P.O.# _____
 Date: 8/22/24

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

Make:	Hoover	Customer	RPM		RPM	
			Photo-Tach	Stroboscope	Photo-Tach	Stroboscope
Extech						
Description: stroboscope / photo-tach			300.0	<u>300.0</u>	300.0	<u>300.0</u>
Model # 461825			600.0	<u>599.9</u>	600.0	<u>600.0</u>
Mfg Serial # H443229			900.0	<u>899.9</u>	900.0	<u>900.0</u>
Customer # _____			1800	<u>1800</u>	1800	<u>1800</u>
RH % <u>49</u> Temperature: <u>23</u> °C			3600	<u>3600</u>	3600	<u>3600</u>
Accuracy: +/- 0.1 RPM +/- 2d			7200	<u>7200</u>	7200	<u>7200</u>
Accuracy of Standard:						
strobe = +/- 0.05%						
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:

8/25
4/25

Notes:

Calibration Procedure: 5023-2

Revision: 1

Calibration Cycle: 1 year

Tested By: 

Quality Control: 