



## INSTRUMENT CALIBRATION LIST

[illegible]



# Certificate of Calibration

Airflow Pros

Manufacturer	Evergreen Telemetry			Calibration Environment		
Temperature Product		Module	Probe	Temperature	74	°F
Model			PR-T-4-6	Rel. Humidity	28	%
SN			2400399	Bar. Pressure	28.6	in Hg

☐ As Found ☒ As Left ☒ In Tolerance ☐ Out of Tolerance

## Calibration Data

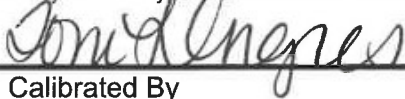
Measurement Variable	Test Point	Cal Standard	Allowable Range		Test Instrument	
			Min	Max		
Cal Lab Module & Test Probe	Spec					
Temperature (°F)	1	74.8	-0.3	+0.3	74.9	
	2	241.8	-2.6	+2.6	242.6	
	3	-44.2	-1.6	+1.6	-44.3	

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 or self calibrated techniques.

  
Calibrated By

7-Oct-2024      7-Oct-2026  
Calibration Date      Date Due



# Certificate of Calibration

Airflow Pros

Manufacturer	Evergreen Telemetry	Calibration Environment		
Temperature Product	Module Sensor	Temperature	72	°F
Model	MS - T&H - 101	Rel. Humidity	35	%
SN	24J-00327	Bar. Pressure	28.5	in Hg

☐ As Found ☒ As Left ☒ In Tolerance ☐ Out of Tolerance

## Calibration Data

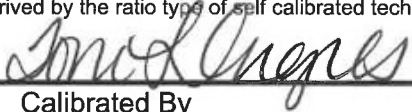
Measurement Variable	Test Point	Cal Standard	Allowable Range		Test Instrument	
			Min	Max		
Cal Lab Probe & Test Module  Temperature (°F)	Spec					
	1	75.1	-0.3	+0.3	75.3	
	2	242.7	-2.6	+2.6	241.6	
	3	-43.5	-1.6	+1.6	-42.5	

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

3-Oct-2024      3-Oct-2026  
Calibration Date      Date Due



## Certificate of Calibration

Airflow Pros

Manufacturer	Evergreen Telemetry	Calibration Environment		
Product	Humidity Sensor	Temperature	71	°F
Model	PR-TH-12	Rel. Humidity	31	%
SN	2400145	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		
Temperature (°F)	Spec					
	1	40.1	-1.0	1.0	39.8	
	2	76.4	-1.0	1.0	76.7	
	3	85.5	-1.0	1.0	85.7	
	4	128.2	-2.0	2.0	128.7	
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	
Humidity %RH 10 to 90%	Spec		-3	3		
	1	10.3			9.9	
	2	19.2			19.2	
	3	59.1			59.7	
	4	88.7			88.3	

Indicates out of tolerance condition -----↑

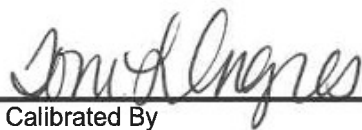
### Calibration Standard

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	18-Sep-24	18-Sep-25
Humidity	20052171	5-Feb-24	5-Feb-25

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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

16-Oct-2024 16-Oct-2025  
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	28	%
SN	24D-00882	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			20.0	
	2	28.5			28.6	
	3	33.0			33.1	
Differential Pressure (in wc)	Spec		-2%-.001	+2%+.001		
	1	10.00			9.942	
	2	2.000			1.987	
	3	0.5000			0.4980	
	4	0.0500			0.0495	
	5	-10.00			-9.969	
	6	-0.0500			-0.0499	
Via Pitot >> Velocity Pressure >> (inW.C. / FPM) -3% -7			-3% - 7	+3% + 7		
	7	0.0007 / 106			107	
	8	0.0158 / 503			502	

Indicates out of tolerance condition -----↑

## NIST-Traceable Lab Calibration Standards

Variable	System ID	Calibration Last	Calibration Due
Pressure	7481227 / 7568470	8-Mar-23	8-Mar-25
Pressure	7871917 / 7870754	12-Sep-23	12-Sep-25
Pressure	11269047 / 12238595	25-Jul-24	25-Jul-26
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

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 or self calibrated techniques.

Calibrated By

7-Oct-2024  
Calibration Date

7-Oct-2026  
Date Due

Test Report # 65096  
P.O.#  
Date: 8/22/24

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 # 65100  
P.O.#  
Date: 8/23/24

Condition as Received ☒

Returned ☒

In Tolerance ☒

Out of Tolerance ☐

Data on Next Sheet ☐

Make:	Exttech	Hoover	Customer	Hoover	Customer	Hoover	Customer
Description:	stroboscope / photo-tach			<b>RPM</b> <b>Photo-Tach</b>		<b>RPM</b> <b>Stroboscope</b>	
Model #	461825			300.0	300.0	300.0	300.0
Mfg Serial #	H482992			600.0	600.0	600.0	600.0
Customer #				900.0	900.0	900.0	900.0
RH %	49			1800	1799	1800	1800
Temperature:	23 °C			3600	3600	3600	3600
Accuracy:	+/- 0.1 RPM +/- 2d			7200	7200	7200	7200
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:

New

Calibration Procedure: 5023-2

Revision: 1

Calibration Cycle: 1 year

Tested By:

*[Signature]*

Quality Control:

*[Signature]*