



# AIRBORNE THERMOGRAPHER CERTIFICATION COURSE

DoubleTree by Hilton | Tampa Airport Westshore  
Monday, December 5 - Wednesday, December 7 | 0800 – 1700 Daily

## INSTRUCTORS:

### PHIL CADY

Instructor, Tactical Flying, Inc.  
[philcady@tacticalflying.com](mailto:philcady@tacticalflying.com)

### BRIAN SPILLANE

Teledyne FLIR, Inc.  
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### RYAN WELCH

Tactical Flying, Inc.  
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**COURSE OBJECTIVES:** This course is an in-depth study of airborne thermal imagery use in the areas of tactics, technology and theory. The course offers certification as an Airborne Thermographer to qualified students who attend all 24-hours of training, pass the written exam and demonstrate proficiency on the use of a static airborne thermal imagery system. The Airborne Thermographer Certification portion of the course is presented by Mr. Brian Spillane, Teledyne FLIR, who is a Certified Thermographer Instructor. The remainder of the course is presented by airborne thermal imagery experts, featuring Phil Cady and Ryan Welch of Tactical Flying, Inc, as the lead instructor. This course has been specifically designed for public safety aviation personnel for use in support of missions using airborne thermal imagery systems. The course is designed to benefit not only the TFO but the public safety pilot as well, as all of the instructors explain and demonstrate the theory, technology, tactics and legal issues involving the successful use of thermal imagery cameras and systems. **Maximum enrollment: 65**

**INTENDED AUDIENCE:** This course is intended for public safety pilots; tactical fight officers and crewmembers assigned to public safety aviation units and meets all requirements for **Airborne Thermographer Certification**.

DAY ONE		December 5, 2022
0800 – 0900	Introduction to Infrared Patrol Tactics	Phil Cady
0900 – 1200	Infrared Patrol Tactics	Phil Cady
1200 – 1300	Lunch   On Own	
1300 – 1700	Infrared Patrol Tactics ( <i>continued</i> )	Phil Cady

DAY TWO		December 6, 2022
0800 – 1200	Infrared Patrol Tactics ( <i>continued</i> )	Phil Cady
1200 – 1300	Lunch   On Own	
1300 – 1700	Legal Aspects of ABLE	Ryan Welch

DAY THREE		December 7, 2022
0800 – 1100	Airborne Thermography Science & Theory	Brian Spillane
1100 – 1200	Thermographer Certification Course EXAM	Brian Spillane
1200 – 1300	Lunch   On Own	
1300 – 1500	Vehicle and Foot Pursuits, Aircraft Positioning	Phil Cady
1500 – 1700	Suspect Tactics and Trends	Phil Cady

**PRESENTED BY**



UPDATED: 10/26/2022

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