

# sUAS Level I Public Safety Thermography Certification



In partnership with ARC Consulting LLC

**Mission critical training** for the public safety entity looking to integrate thermal imaging into their flight operations. Learn from the world leaders in thermography training how infrared imaging can benefit law enforcement, fire, hazmat, search & rescue, and other emergency management operations.



Students will participate in four full days of extensive thermography and sUAS flight procedure training. Concepts are achieved through a combination of classroom based lectures, instructor demonstrations, and hands on lab exercises.

## Course Objectives

- Understand the basics of IR science and heat transfer theory
- Evaluate common IR misconceptions & new user error prevention
- Discover which camera/lens combination is most appropriate for your application
- Effective camera operation techniques for successful detection, recognition, and identification procedures
- Safe flight planning and troubleshooting
- Understanding aircraft systems
- sUAS program maintenance

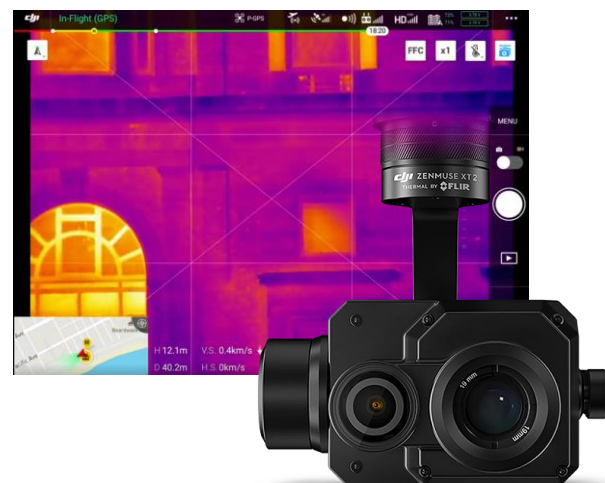


## Certification / Accreditation

The learning objectives, contact hours, and written exam are based on the requirements outlined by ANSI/ASNT CP-105 and CP-189 of the American Society for Non-Destructive Testing. As such, this course is suitable for use by your employer to certify you under ASNT's Recommended Practice No. SNT-TC-1A provided it is consistent with your employer's Written Practice.

## Tuition

A registration fee of \$1,995 USD includes course instruction, course materials, breakfast and lunch each day.



# Our Instructors



**Bill Schwahn-** Instructor at the Infrared Training Center, Bill teaches Level I, II, III, and Optical Gas Imaging Thermography. In addition to this, Bill has also lead curriculum development on ITC's sUAS Level I and sUAS Public Safety training course.

**Dave Lee** – Former applications engineer serving FLIR's Government customers, Dave trained over 4,500 airplane and helicopter crews on the tactical employment of airborne thermal imaging systems for militaries, coast guards, federal and local law enforcement agencies. Before joining FLIR Dave was an airline pilot and flight instructor, including giving thousands of hours of dual instruction for Private, Instrument, Commercial, and Multi-Engine flight students.

**Adam B. Ringle-** Adam is a seasoned public safety professional with over 30 years' experience. He currently serves as the Director of UAS Flight Operations for a municipal law enforcement agency in Delaware. He has hundreds of hours of experience as both a pilot in command and as an instructor on multiple UAS platforms. Adam has served as the UAS Commander for several multi-agency large scale responses. Adam has extensive flight experience in search and rescue and tactical response. He has authored numerous FAA compliant COA's, 333 exemptions and UAS policy documents. Adam is a level 1 Thermographer and is experienced in complex building inspections as well as forensic aerial data collection.

## Why ITC?

- Largest infrared training organization in the world
- Globally recognized certifications that meet or exceed regional standards
- Career expansion opportunities with more than 450 courses a year around the globe
- Training for all experience levels on any IR camera, model, or manufacturer
- The hands-on training you need
- Ensure the reliability and success of IR by expanding the knowledge of the operator



9 Townsend West Nashua, NH 03063 USA  
1-866-TrainIR (866-872-4647)  
[www.infraredtraining.com](http://www.infraredtraining.com)

