



Aircraft Sales, Brokerage, Maintenance and Avionics

# Montgomery Aviation & Eagle Creek Aviation Hosting Free Airborne Weather Radar Seminar

## *Airborne Weather Radar Seminar - April 2, 2016 at Montgomery Aviation (KTYQ)*

With summer fast approaching, Montgomery Aviation and Eagle Creek Aviation would like to invite you to a free Radar Seminar we are hosting at Montgomery Aviation on April 2, 2016. Erik Eiel, President of Radar Training International (RTI), will put on a six hour program that will start at 8:30 A.M. with brief hourly breaks. Montgomery and Eagle Creek will provide a box lunch and then the seminar will continue. Erik's program is packed with great information. We have hosted him several times and everyone (even veteran pilots) raves about what they have learned!

Erik and RTI specialize in focused training that is operationally practical and provides an objective and unbiased source of information regarding radar technology and capability. He will discuss NEXRAD radar capabilities/limitations and the seminar will include take-home material including RTI's Airborne Weather Radar Pilot's Operating Guide.

This comprehensive seminar is designed for highly motivated pilots or flight departments seeking a strong foundation of knowledge, advanced skill, and confidence in their radar systems. From this foundation, pilots can achieve a high degree of proficiency.

Information is presented in three modules:

### **Module 1 - Radar Basics**

- Basic Radar System Anatomy
- Beam Characteristics
- Stabilization Basics
  - Gain Control
  - Turbulence Mode
- Radome Considerations
- Displayed Colors
- Malfunctions
- Radar Horizon

### **Module 2 - Fundamental Concepts**

- Reflectivity
- Attenuation
- Tilt Control

### **Module 3 - Operational Employment**

- Preflight Weather Evaluation
- Non-Radar Clues
- Preflight Inspection
- Ground Operations/Taxi
- Tilt Considerations on Takeoff
- Cruise Considerations
- Over-Flight of Thunderstorms
- Geographic Considerations
- Cell Shape and Gradient
- Terminal Area Operations
- Growth Rate



### **Sign Up Now As Space Is Limited**

For more information or to RSVP for this seminar, please contact Lisa Reynolds at 317-769-4487 or by e-mail at [lisa@montgomeryaviation.net](mailto:lisa@montgomeryaviation.net)

**317.769.4487 | [www.montgomeryaviation.net](http://www.montgomeryaviation.net)**

**Indianapolis Executive Airport | 11329 E State Road 32 | Zionsville, IN 46077**



## 2016 Radar Seminar Information

### **FBO Information**

Montgomery Aviation  
Airport Identifier - KTYQ  
11329 E State Road 32  
Zionsville, IN 46077  
317-769-4487

### **Presenter Information**

**Erik Eliel** - Founder and president of Radar Training International, has been involved in aviation since 1979. His earliest years as a professional aviator were as an Air Force pilot flying the T-38, C-141, and the U-2. His interest with radar began in 1991 while flying airlift and transport missions to Europe, Africa, South America, and the Middle East. In 1997, Erik was selected to join the cadre of instructors at the Air Force Advanced Instrument School in San Antonio, Texas, teaching advanced instrument concepts to pilots representing, NASA, federal law enforcement agencies, and all branches of the DOD. It was here that Erik developed and taught the first-ever formal weather radar course for Air Force pilots.

Erik's early interest with weather radar and severe convective weather was inspired by the work of industry legends Bob Buck, Jim Cook, J.T. Lee, Archie Trammell, and Dr. Fred Bates. Currently, his radar seminar is offered both domestically and abroad and has been presented to professional pilots representing the flight departments of Fortune 500 companies, aviation associations, a major airline, the military, as well as dispatchers and meteorologists of aviation-related companies. He has been called on by the manufacturers of airborne weather radar systems to consult in the design, operational employment of, and evaluation of their systems. His radar- and weather-related articles have been published in the NBAA Journal of Business Aviation and in Business & Commercial Aviation. In addition, his input has been solicited for safety-orientated publications such as the Flight Safety Foundation's magazine AeroSafety World.

Erik has over 13,000 hours of flying time and is currently a line pilot for a major airline, logging more than 600 hours annually. He also maintains his CFI, CFII, and MEI ratings. His company, Radar Training International, maintains active memberships in multiple professional flying organizations and associations including National Business Aviation Association (NBAA), American Institute of Aeronautics and Astronautics (AIAA), and Aircraft Owners and Pilots Association (AOPA).

### **Montgomery Aviation & Eagle Creek Aviation Are Proud to Work with our Partners and Co-Hosts**

