

PROFESSIONAL AVIATION MAINTENANCE TRAINING

# LiveLearning<sup>®</sup> ECTM/Engine Condition Trend Monitoring

Course Information

**Course Objectives – 2 Day Course**

Learn the fundamentals and skills necessary to produce, manipulate, and analyze ECTM graphs in order to monitor engine performance. By the end of this course, you will be able to:

- Effectively use account management, fleet management, and engine management functions in engine condition trend analysis.
- Correctly use the ECTM tools to manipulate displays and manage data for engine condition trend analysis.
- Produce, manipulate and analyze ECTM graphs.
- Use ECTM to monitor engine performance.
- Correctly diagnose (troubleshoot) engine faults using ECTM.

For more information, please visit <https://elearning.flightsafety.com/livelearning-webectm-engine-condition-trend-monitoring.html>

**Instructor-led, web-based training:**  
This is an instructor-led course over the web.

FlightSafety Material Number ..... 302768

**System Requirements**

**PC minimum requirements:** CPU: Intel/AMD 1GHz +, RAM: 512MB RAM +, Operating System: Windows 2000 +, Broadband internet connection, Graphics: 1024x768 resolution, high color, Sound: Sound card with speakers or headset, Adobe Flash 9.0+, WebEx Player, Browser: Internet Explorer 6.0+ or Firefox 2+

**Mac minimum requirements:** Operating System: OS X, Browser: Firefox 2+, Adobe Flash 9.0+, WebEx Player, Sun Java 1.5+

**Phone requirements:** For some training sessions, you will be required to have a phone available for the duration of the training. Your invitation email will contain further details.

**Academic Course Modules Hours**

Welcome/Introduction.....	1.00
Engine .....	0.50
Engine Performance.....	2.00
Trend Analysis Guide Lines.....	2.50
Graph/Trend Examples and Analysis .....	1.50
Practical Training.....	4.00
Review/Examination.....	0.50

**Total Hours..... 12.00**

**Applicable Models:** JT15D, PT6A, PT6B, PT6C, PT6T, PW100, PW200, PW300, PW500, PW600

**Approvals and Limitations**

**FAA IA renewal Accepted**  
Accredited for IA refresher training under Title 14 CFR part 65, § 65.93(a)(4)

**Training Locations**

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