



OpenAero, Alaka'i, and CAPACG, have teamed to provide a complete General Aviation Flight Data Monitoring solution. Historically, these best practices have improved operating cost while enhancing safety. New innovative technologies enable cutting edge FDM data acquisition, data analysis and reporting at a fraction of typical air carrier FDM programs.

## One solution for all your FDM needs

### Maintenance

- Web-based engine diagnostics
- Monitor component life
- Remote monitoring
- Preventative and predictive maintenance programs
- Fleet analysis and comparisons
- Fuel usage/management reports
- Monthly airframe / fleet reports
- On-demand pre-flight performance reports
- Reduced maintenance and long-term operational costs

### Operations

- Identification of hazards/risk mitigation
- Monitoring adherence to SOPs and AOM limitations
- Key component of a proactive safety management system



## FAA STC'd Alaka'i DFDS

The patent-pending box automates on-board Engine Trend Monitoring for Part 135 operators and others, and is based on an FAA-approved Engine Trend Monitoring program. The on-board analysis capability, coupled with the subscription-based analysis across multiple aircraft, will provide users with FDM programs and services to meet FAA requirements and increase operational efficiencies that may reduce cost.

# One solution with three levels of service

## Individual

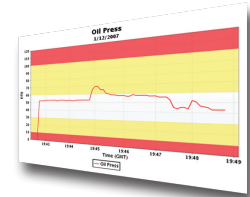
Allows you to monitor your airplane, as well as compare the performance of the aircraft to others of the same type, whether privately flown or part of a professional fleet.

## Professional

Designed for ownership program fleets.

## Mentor

Provides the pilot or operator with complete Flight Data Management (FDM) services.



Part 135 Engine Trend Monitoring System

Real-time trend and exceedance analysis with trend forecasting (web graphs)

Digital flight data recording with CVR option

Automatic track-files for flight visualization/playback (with GoogleEarthPro)

All graphs and files web accessible

Fleet Part 135 Engine Trend Web Application

Secure data storage

Remote monitoring

Fleet analysis

Fuel management reports

Monthly airframe/fleet reports

On-demand pre-flight performance reports

FDM Service Integrator

FDM program development

FDM program management – includes data analyses

Development of FAA approved FOQA implementation and operations plan

Validation of training/mentoring programs

Customer solutions Continuous oversight

**FDM provides:**

Improved safety

Identification of hazards/risk mitigation

Adherence to SOPs and AOM limitations

Cost savings: fuel and maintenance

Cost savings: asset protection/insurance incentives

Enhanced training programs

Preventive maintenance programs

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