



Airplane Health Management
Custom Alerting
and Analysis

BOEING **EDGE**
Information Services

Airplane Health Management

Custom Alerting and Analysis

The Custom Alerting and Analysis module of Airplane Health Management gives airlines advanced prognostic and diagnostics capabilities so they can adopt a more proactive approach to maintenance. Custom alerts on a wide variety of airplane systems and components enable airlines to address conditions or performance issues before they become unscheduled maintenance events.

Advanced diagnostics and prognostics tools for predictive maintenance

With Custom Alerting and Analysis, you can:

- Improve technical reliability
- Shift maintenance from unscheduled to scheduled
- Reduce NFFs and inventory costs
- Reduce schedule uncertainty
- Enhance maintenance engineering productivity

Additional features include:

- Developing an unlimited number of custom, airline-specific monitors and alerts, in partnership with Boeing experts
- Monitoring, alerting and ad-hoc analysis using historical warehoused ACMF- and/or EICAS-derived airplane data
- Alerting of airplane operational exceedances related to engines, overspeeds and landings
- Fleet-wide charting of trendable airplane data
- Automatic ACARS uplink triggering based on the logical combination of airplane data
- Asset tracking for all engines and auxiliary power units

How it works:

Custom Alerting and Analysis introduces a set of predefined prognostic monitors and alerts that trigger prior to system failures. These alerts vary per airplane model and can include but are not limited to:

- Air conditioning
- Fuel
- Communications
- Hydraulic power
- Engine and fuel
- Ice and rain protections
- Fire protection
- Landing gear
- Flight controls
- Pneumatics

Key notes:

- Available for Boeing 777, 747 and 787
- Offered as subscription service (requires AHM Real-Time Fault Forwarding)
- Accessed via MyBoeingFleet
- Requires high-speed internet connection