



The Boeing Edge

Fleet Services

Maintenance and Engineering

- Maintenance Manuals
- Maintenance Programs
- Reliability Analysis
- Scheduled Maintenance Analysis

Maintenance Execution

- AOG Services
- Airplane Transition Services
- Boeing Shanghai Aviation Services

Modifications

- Avionics Upgrades
- Boeing Business Jet Services
- Blended Winglets
- Boeing Converted Freighters
- Interior Upgrades
- Performance Improvement Packages
- Performance Upgrades

Maintenance Optimization

- Airplane Health Management
- Electronic Logbook
- Maintenance Turn Time
- Optimized Maintenance Program
- Loadable Software Airplane Parts
- Leased Asset Management

Technical Content Management

- Data Conversion/S100D
- Maintenance Performance Toolbox
- Records Management

Fleet Engineering Solutions

- Engineering Services
- Managed Engineering Services

Fleet Optimization

- Fleet Tracking
- Tail Assignment



Boeing Commercial Airplanes

Marketing
P.O. Box 3707
Seattle, WA 98124-2207

www.boeing.com

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Maintenance Optimization Airplane Health Management



Maintenance Optimization

Airplane Health Management

Airplane Health Management is a real-time decision support tool that allows you to make better and faster data-driven maintenance decisions. Airplane Health Management converts airplane data into actionable information by leveraging Boeing's deep engineering knowledge and in-service fleet experience.

Airplane Health Management is part of Boeing's commitment to deliver a competitive advantage to you every day.

Start Benefiting From Airplane Health Management Today

- Make faster data-driven maintenance decisions.
- Reduce unscheduled maintenance.
- Increase airplane availability.

Maintenance Optimization

Airplane Health Management

Optimizing Maintenance Operations

Airplane Health Management provides data and insight to substantially reduce the frequency and cost of technical schedule interruptions. This is accomplished through Airplane Health Management's unique diagnostic and prognostic capabilities.

Diagnostic. With the airplane still en route, in-flight faults are communicated to the ground and are diagnosed. You can now make real-time operational decisions regarding maintenance and deploy the necessary people, parts, and equipment to mitigate the issue. Real-time fault diagnosis is enhanced through manual and/or automatic uplinks to the airplane.

Prognostic. Airplane Health Management's prognostic capabilities provide a means to identify precursors to potential flight deck faults. Flight deck faults can affect dispatch and cause schedule interruptions, negatively affecting your bottom line. By providing tools to make sound economic decisions regarding these precursors, Airplane Health Management allows you to shift more maintenance activities from unscheduled actions into scheduled maintenance checks. The result? Reduced costs, fewer scheduled interruptions, and increased airplane availability.

Airplane Health Management also supports fuel efficiency initiatives and optimizes flight planning by analyzing airplane trends and cruise performance data. Prioritized information regarding fuel efficiency, emission levels, and other performance factors is delivered to your operation for real-time action.

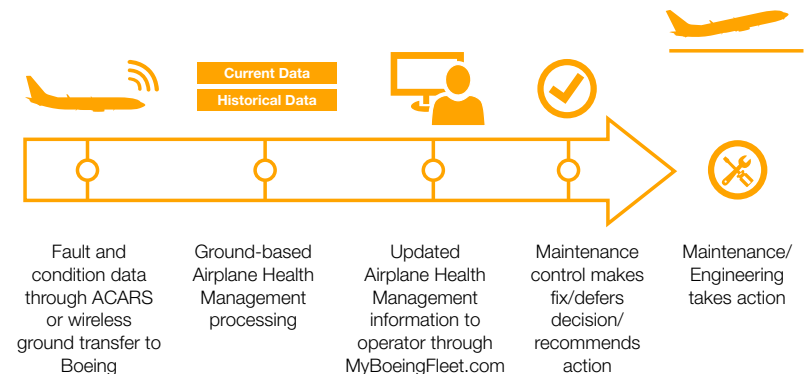
Proven Value to Support Your Fleet

Airplane Health Management is a globally accepted solution that is providing value to more than 75 operators around the world every day.

Airplane Health Management is currently available on the Next-Generation 737 and 737 MAX, 747-400, 747-8, 777, and 787.

Working With Airplane Health Management

- Airplane Health Management collects real-time in-flight data and converts it to actionable information for use by ground-based engineering and maintenance staff.
- Airplane Health Management is accessible through the MyBoeingFleet.com web portal for all of your users.
- Airplane Health Management provides customizable e-mail and text alerts so you can be notified of airplane conditions and events of interest to you.





Maintenance Optimization

Airplane Health Management

Flexible Decision-Support Tools



The **Real-Time Fault Management** module communicates and diagnoses in-flight faults with the airplane still en route. Now you can make real-time operational decisions regarding maintenance and deploy the necessary people, parts, and equipment to mitigate the issue. Real-time fault diagnosis uses manual and/or automatic uplinks to the airplane.



The **Custom Alerting and Analysis** module gives your airline prognostic and diagnostic capabilities so you can adopt a more proactive approach to maintenance. Custom alerts on a wide variety of airplane systems and components enables you to address conditions or performance issues before they become unscheduled maintenance events.



The **Performance Monitoring** module supports your airplane fuel efficiency initiatives and optimizes your flight planning. Airplane Health Management analyzes and trends airplane cruise performance data. This includes prioritized information regarding fuel efficiency, emission levels, and other performance factors.

Airplane Health Management is billed annually by airplane, depending on the level of support selected. Boeing undertakes responsibility for the digital tools and delivery of information while you capture the benefits of improved operational performance.

For more information, contact TheBoeingEdge@boeing.com.