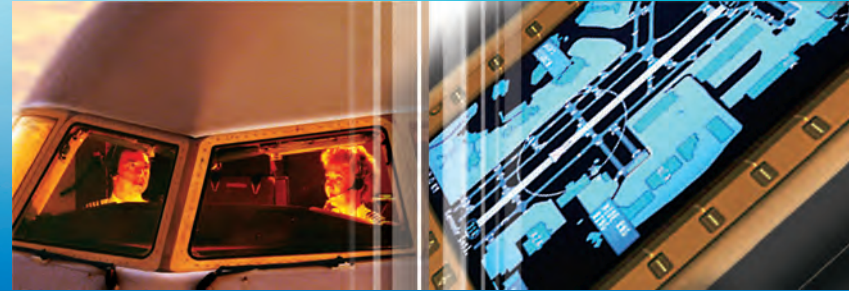




OPERATIONAL PERFORMANCE

Electronic Logbook



LIFECYCLE
SOLUTIONS

ELECTRONIC LOGBOOK

The Boeing Electronic Flight Bag (EFB)

is focused on improving your operational performance by bringing the technological advances of computer information delivery and management to the airplane flight deck for the first time, providing integrated solutions for managing information in the air and on the ground.

As an application of the Boeing Electronic Flight Bag, the **Electronic Logbook (ELB)** replaces paper logbooks with computer-based logs that can be easily stored and shared.

Maintenance teams always get the data they need.

To maximize user productivity, there are three tailored interfaces with the synchronized air and ground databases.

The **pilot interface** follows Boeing flight deck standards and fits seamlessly into the quiet flight deck environment. A touch screen, big buttons, and intuitive interface all minimize pilot training and workload.

PROVIDING REAL-TIME INFORMATION ACROSS THE ENTERPRISE

How ELB works



The **laptop interface** is designed specifically for mechanics and engineers as a task-driven user interface to maximize productivity.

The **maintenance control interface** is designed to easily monitor the logbook status of an entire fleet, perform research, and direct resources efficiently.

Key benefits

- Reduction in operational schedule interruptions (delays and cancellations).
- Improved maintenance troubleshooting time through improved pilot fault reporting and automated fault forwarding to ground personnel.
- Reduction in overall line maintenance costs and no fault found (NFF) component removals.
- Reduction and/or elimination of paper form handling, transportation, and data transcription costs.

Quick and intuitive fault capture

- The intuitive graphical fault finder helps flight crews report faults quickly with a precise fault code.
- Accurate fault information means maintenance crews spend less time troubleshooting and reduces the number of unscheduled line replaceable unit (LRU) removals.
- Pilot-reported faults using fault codes and fault descriptions sent from the airplane while en route allow maintenance crews to perform maintenance as soon as the airplane arrives.

- Accurate fault reports that allow maintenance planners to deploy resources more efficiently, getting the resources to the right airplanes and improving productivity.

Take advantage of individualized LIFECYCLE SOLUTIONS.

Every commercial airplane operator has unique needs, defined by business strategies, existing equipment and processes, fleet plans, competitive environment, brand identity, and a host of other definitive factors.

We will partner with you to identify and quantify the best opportunities for you to improve your operational performance with an EFB solution.

Module

Overview

Technical Electronic Logbook (TLB)

Provides flight crew technical status and fault reporting functions. TLB uses an ELB database that contains the flight log, fault reports, maintenance actions, deferrals, and release and servicing records — all synchronized onboard and with a ground database.

Cabin Logbook (CLB)

Provides a cabin crew fault reporting process for cabin and in-flight entertainment faults, which are included in the overall ELB database shared with the Technical Logbook.

Maintenance Logbook (MLB)

Provides a task-driven line maintenance user interface that highlights technical faults needing maintenance attention and remaining servicing tasks required. MLB allows entry of actions and servicing and release information on the airplane itself.

ELB-Ground Module

Consists of a database hosted locally by the airline and/or by Boeing that integrates logbook data from your fleet. The ELB-g Fleet Status page keeps personnel monitoring the technical status of your airplane informed of new faults reported as well as progress toward maintenance release. ELB-g provides the functions of MLB above and additional capability for ELB administrators.



Boeing Commercial Airplanes

P.O. Box 3707, MC 21-85
Seattle, WA 98124-2207

www.boeing.com/commercial/aviationservices

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