



COMMERCIAL AVIATION SERVICES | PORTABLE MAINTENANCE AID

A large, dramatic photograph of an aircraft wing against a sunset sky. The wing is silhouetted against the bright orange and yellow light of the setting sun. A person is visible in silhouette on a lift, working on the underside of the wing.

Portable Maintenance Aid

**MAINTENANCE INFORMATION
AT YOUR FINGERTIPS**

Portable Maintenance

INTERACTIVE MAINTENANCE TOOL

GET THE INFORMATION YOU NEED
WHEREVER YOU ARE.

Portable Maintenance Aid (PMA) is an interactive maintenance tool that allows mechanics and engineers to analyze and solve airplane problems



at the work site – in the hangar, in the office, or at the flight line. All the information you need to return your airplane to service is available at your fingertips. It's more than a collection of digitized manuals. It also incorporates features such as extensive hyperlinks between related tasks, both

within a manual and between manuals; advanced search capacity for instant access to your own custom fleet information, as well as to original equipment manufacturer (OEM) data; customization features that allow you to enrich the OEM data in the manuals; and sophisticated deployment tools to ensure that your data is constantly updated and you have the latest information.

Use PMA wherever you need maintenance documents. PMA reduces costs and increases productivity across your entire engineering and maintenance operations. Line mechanics, maintenance operation centers, engineers, production planners, base maintenance engineers, and maintenance trainers find that it saves time, reduces schedule delays and cancellations, and enhances productivity.



*SOPHISTICATED HYPERLINKS
AND POWERFUL SEARCH CAPACITY.*



Hyperlinks pull related data together.

Whether you're navigating through the Fault Isolation Manual, Wiring Diagram Manual, Troubleshooting Schematics Manual, or Illustrated Parts Catalog, you can find and display the necessary data using a

simple, consistent user interface.



Locate key information quickly. Specialized speed buttons on the PMA

toolbar give you quick access to key information. PMA provides quick lookup capacity for

- EICAS/EIS messages
- CMCS/CFDS messages
- FCC/FAC messages
- Alert messages
- Fault codes
- Maintenance messages
- Observed faults
- Electrical equipment numbers
- Part numbers

Powerful search capacity.

A powerful word search provides many options for finding one or more words. You can search the entire manual or limit your search to a specific chapter or type of task.

If you are looking for a specific illustration, PMA Intelligent Graphics will allow you to focus on illustration text or titles.

Manage your own information with PMA.

Data-enrichment tools allow you to customize with your own data. With PMA you can

- Include your documents in the PMA Book List. PMA can accept files in any format and lets you control how to group them.
- Include your version of a document segment, such as a task, illustration, or parts list. If desired, PMA will display your version when accessed from the document table of contents or linked to another document. PMA also will accept new document segments.
- Augment a document segment with additional information unique to your operation. You can include additional clarifying text, training videos, digital photos, sound files, CBT modules, or links to other applications in your organization.



Data distribution and updates are easy.

Using sophisticated data management tools, a data administrator can make important data revisions, either provided by the OEM as temporary revisions or created by you, available to all worldwide users instantly after release.

The PMA Revision Package allows you to create easy-to-use self-extracting archives that can be installed by your independent (nonnetworked) PMA users. With a simple drag-and-drop operation, your changes are automatically loaded into each user's PMA database for immediate and accurate retrieval.



Flexible deployment.

PMA can be deployed in a number of ways to meet your needs.

PMA can be installed on large or small networks and even on stand-alone laptop computers.

Multiple deployment methods for PMA can be combined to fine-tune PMA's usage

in your enterprise to address your local, departmental, or corporate requirements.

PMA can even be web deployed using additional third-party thin-client tools.



How PMA saves you time and money.

Because of its powerful search functions and hyperlinked data, PMA allows you to analyze and solve problems more quickly. PMA also reduces schedule interruptions and flight cancellations by providing mechanics with on-airplane access to up-to-date information, and it allows your maintenance operation center to begin solving problems while the plane is still in transit. PMA speeds up desk functions, production planning, material and tool use, and procurement.

Contact us to learn more about the Portable Maintenance Aid.

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We invite you to visit our web site at

www.boeing.com/commercial/ams



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