Challenge

Flight crews need current and reliable electronic charts for the Electronic Flight Bag (EFB) in a familiar and easy-to-use format.

Solution

Jeppesen charts are the worldwide standard for current, reliable navigation information and are used by more pilots around the world than any other. Jeppesen's electronic terminal charts for the EFB provide rapid access to current flight critical navigation information while reducing, and eventually eliminating, the need for paper charts. The commonality of design and format between Jeppesen's paper and electronic charts allow pilots to easily transition to electronic charts on the EFB.

Jeppesen charts

Why do pilots around the world choose Jeppesen charts?

- Consistent, easy-to-use format
- Full color terminal charts – terrain contours in brown, water bodies in blue
- Clear and concise Briefing Strip™ approach chart format
- Standard revision cycle ensures currency of information
- Worldwide coverage
- Easily tailored to customize content

New Commercial Airline charts include additional information such as enhanced terrain, DME rings to improve orientation during vectored approaches, and more color. Non-commercial elements have been removed, such as type A and B aircraft.
Jeppesen electronic chart application for EFB

The proven design and content of Jeppesen charts is enhanced through the EFB electronic chart application. Jeppesen electronic charts are full-featured, vector-graphic charts for maximum readability and performance. The EFB provides quick and easy access to current Jeppesen charts:

- Approach charts
- Airport charts
- Departure procedures (SIDs)
- Arrival procedures (STARs)
- Operationally approved on all three classes of the EFB by the world’s aviation authorities

State-of-the-art functionality

- Quick, intuitive airport and chart search.
- Ability to predefine specific charts for a flight with up to four alternate airports.
- Chart zooming and panning.
- User controlled chart “split view” for easy access to chart, header, plan view, profile, and minima.
- Chart Clip - predefine specific charts for the origin, destination and alternate airports.
- Nearest airports capability for instant access to charts for airports in your vicinity. (Requires GPS input.)
- Copy pre-selected charts from one onboard EFB to another device, enhancing cockpit resource management.

Chart updates

Pilots depend on Jeppesen for current chart and navigation information. The revision process for electronic Jeppesen charts is accomplished through Jeppesen’s proprietary Data Distribution and Management (DDM) system. The Jeppesen DDM system ensures quick and accurate delivery of electronic chart updates for loading on all classes of the EFB. Web-based tools provide administration for users, groups, tail numbers, pilots, and devices.

Future capabilities

Jeppesen continues to lead the industry by researching further enhancements to the display and use of electronic chart information. Jeppesen research teams are investigating and building working prototypes in such areas as data-driven charting and tools, information decluttering, synthetic vision, and information integration across applications. Jeppesen works closely with its customers, the airframe and EFB manufacturers, and the regulatory entities to ensure our technology is conceptually appropriate, operationally approvable and solves the operator's business challenges.