

The Jeppesen Moving Map *for Government and Military*



Challenge

In today's network-centric operations, information overload can happen almost instantly. Maintaining situational awareness in a high workload cockpit is a complex and critical issue for mission success.

Solution

Jeppesen has years of experience providing pilots with highly accurate aviation data in cockpit-optimized applications. The Jeppesen Moving Map is an industry leading situational awareness map that combines worldwide aeronautical data and cutting edge graphical layering technology to provide the aircrew with a complete and accurate strategic picture.

Operations

Jeppesen's unique and flexible interface combines with our vector-based, data-driven mapping technology to provide a powerful

tool for increasing mission effectiveness for a wide variety of operations:

- TASM – Tanker, Airlift and Special Mission
- VIP Transport
- Maritime Patrol
- Border Patrol

Jeppesen Moving Map offers:

- Built from Jeppesen's industry-leading global aeronautical data
- Dynamically rendered vector graphics that maintain readability at all times
- Seamless, data-driven moving map with on/off selectable data elements allows operator to adjust display for rapidly changing situations
- Ability to aggregate and interlay military, civil, or third party data in both vector and raster formats
- Cockpit environment optimization reduces operator workload
- Enhanced situational awareness on day or night missions

Features

Aeronautical Data - Ability to turn on/off aeronautical chart elements: IFR and VFR airports, terminal and special-use airspace, NAVAIDs, high and low enroute airways, FIRs, terrain, obstacles, roads and railroads, cities, etc.

Street-level Data - The optional vector-based NavTeq® street data provides the ability to either search for a specific address, or click on the map to display the address of a precise location. It also provides the ability to search for, and turn on/off, thousands of points of interest including hospitals, banks, transportation hubs, business facilities, etc.

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Features (*continued*)

GPS Aircraft Position - Customer-configured display of aircraft position with the ability to select either north-up or course-up orientation, select view of aircraft relative to display (centered, visible, optimal), display the ground track and save it for post-flight review.

Weather Manager - Ability to overlay real-time XM® satellite weather data, including cloud tops, freezing level, base reflectivity radar, TAFs, METARs, turbulence, winds aloft and surface analysis. Ability to loop data and define a specific altitude for turbulence and winds aloft.

Government Chart Display - Interlaid display of pre-composed CADRG charts such as JOG, TPC, ONC, JNC, etc.

User-defined Waypoints - Ability to add markers, waypoints, airstrips, or other temporary locators on the map, and the ability to save these for post-flight review and use them for subsequent flights and on other aircraft that have Jeppesen Moving Map installed.

Route Display - Import Jeppesen RoutePack files from mission planning systems to display on Jeppesen's moving map. Create and modify simple routes using point and click or rubber band routing. De-clutter unwanted aeronautical data elements by "fading" map objects that are off-route.

In-flight Measurements - Immediate distance and course information is provided by point-to-point, aircraft-to-point measurements.

Desktop and Cockpit Optimized Interfaces - "Desktop" mode allows operators in the back to work within the same map framework as the pilots in the cockpit.

Jeppesen Moving Map for Government and Military is not designed to be an RTCA DO-178B, Level C application. It is not certified for primary in-flight navigation, or FAA AEG approved. The product is delivered with "own-ship" position disabled, as the default. The customer must enable the display of "own-ship" position through configuration settings. Other Jeppesen products are available that meet civilian regulatory requirements for primary in-flight navigation and Class 3 Electronic Flight Bag.

Contact Us Today!

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Photo by Adrian Rath, Switzerland.