

Jeppesen Smart Airport Maps

for Jeppesen FliteDeck Pro



Smart Airport Maps improve pilot situational awareness and workflows to reduce operational costs associated with the airport phase of flight.

- Shorten taxi times
- Reduce taxiway fuel burn
- Support safe ground movements
- Improve pilot positional and situational awareness

It adds Smart EFB technology to over 1,000 airport moving maps, giving pilots access to contextual airport information unique to their aircraft type, weather conditions and operation-specific preferences, visible right in FliteDeck Pro, including:

- **Weather Conditions** – View airport information based on actual visibility conditions, including low visibility taxi routes and centerline lighting based on your runway and RVR selection
- **Wingspan Restrictions** – Support safe ground movements through the depiction of wingspan restrictions specific to your aircraft type on the dynamic airport map



In addition to contextual information, Smart Airport Maps include all the functionality available in Jeppesen's trusted airport moving maps.

- Access information on runways, hotspots, gates, de-icing pads and parking stands by touching objects on the map
- Immediately find taxiways and parking stands with a simple search function
- Mark airport objects, such as your assigned runway and parking stand, to facilitate the taxi process, or select your assigned runway prior to takeoff and landing
- Find arrival and departure communication frequencies using a quick-access Comms button
- Access state-sourced in-app airport NOTAMs pertaining to the selected map, with easy-to-identify, category based iconography and in-app filtering



Low Visibility Conditions Depiction

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Human Factors Tested

Jeppesen commissioned an independent human factors research institute to test Smart Airport Maps with dozens of airline pilots at the Technical University of Wildau. Their research concluded, that with Smart Airport Maps in FliteDeck Pro, pilot.

- Workload
Significantly Reduced
- Positional Awareness
Improved
- Heads-Down Time
Significantly Reduced
- Application Usability
Improved
- Stress
Significantly Reduced
- Information Accessibility
Improved

Reduce Taxiway Fuel Burn

Researchers observed a reduction in taxi time (both taxi-in and taxi-out) with the use of Smart Airport Maps in FliteDeck Pro. This indicates that in addition to the qualitative improvements pilots attained through the new capability, this smart EFB technology delivers quantitative benefits such as reduced fuel burn associated with shorter taxi times.

For a complete summary of the human factors research process, subjective and objective findings, please contact your Jeppesen Account Manager.



Making Your EFB Smarter

Adding Smart Airport Maps to FliteDeck Pro was just the first step towards making your electronic flight bag truly smart. It marks the beginning of an entirely new innovation cycle which brings new technology, innovations and value to your Jeppesen EFB.

Benefit From Added Connectivity

Combine Jeppesen's ADS-B Connectivity Pack with Smart Airport Maps to depict aircraft and vehicle traffic on your Smart Airport Maps.

Software and Hardware Requirements

- FliteDeck Pro 4.4 or higher (iOS)
- iPadOS 14 or later (Minimum recommended device is the iPad Air 6th Generation)

Learn more about Jeppesen Smart Airport Maps at jeppesen.com/smart-airport-maps