



ARINCDirectSM

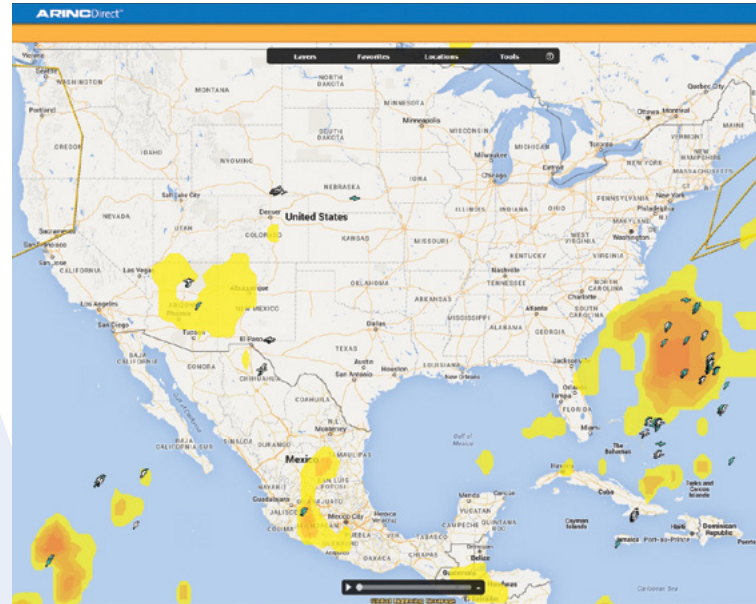
Flight planning



ARINCDirectSM flight planning

Flight planning made easy

Our ARINCDirectSM desktop and mobile flight support service applications offer you a complete suite of tools and support services to efficiently and effectively operate your flight department and aircraft. Create and file electronic flight plans anywhere worldwide, using aircraft performance data and the latest atmospheric forecasts for the most precise fuel burns and time calculations. Run flight plans. Check weight and balance. Track flights. Monitor weather conditions. Manage fuel costs via our tankering functionality. And much more. All from the industry leader in business aviation technology and unparalleled in customer service.



Flight planning features

- › Flight plan computation and filing
- › Mapping application with worldwide enroute charts and weather overlays
- › Weight and balance computations/load manifest
- › Aircraft performance calculations
- › Runway analysis including obstacle data
- › FlightRisk and Vector SMS real-time assessment and analysis tools
- › Critical fuel summaries/ETP calculations
- › Multi-leg tankering computations
- › Route cost comparison
- › Recently and frequently cleared routes
- › Coded Departure Routes (CDRs)
- › Air Traffic Control (ATC) preferred routes
- › ETOPS computations
- › Customized flight plan formats
- › RAIM analysis
- › NAT (Atlantic Ocean) tracks



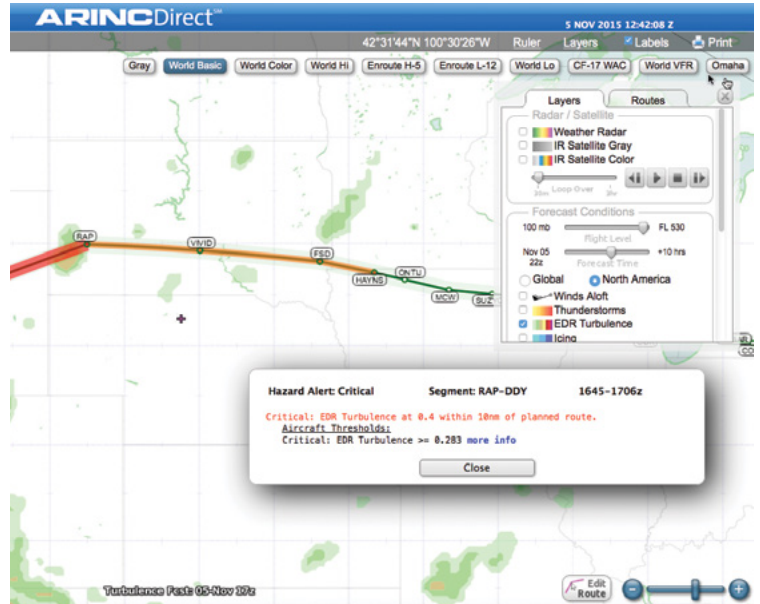
Weather services

- › Integrated flight risk assessment tool
- › Flight hazard alerting
- › Worldwide managed NOTAMs
- › Passenger weather briefings with company logo
- › Web – text and graphical weather
- › Flight deck – text and graphical weather



Live flight tracking

- › Graphical aircraft tracking tool (FlightAware)
- › Air Traffic Control data from over 50 countries
- › Aircraft data link position reports
- › ADS-B position data
- › Multilateration (MLAT) – Real time RADAR-like tracking of non-ADS-B aircraft
- › Worldwide weather overlays
- › Aircraft Situational Display Information (ASDI)



Communications

- › VHF/satellite data link and voice services
- › Cabin Internet and voice connectivity
- › Flight plan filing confirmation messages
- › Phone calls, emails and faxes
- › IATA/AFTN messaging
- › Usage alerts



Support services

- › 24/7 flight operations center
- › Slot and STMP reservations (U.S./Canada)
- › Global technical support
- › Dosimetry reporting
- › iJet security briefings
- › U.S. and Mexico APIS manifest filing

Your flight plan package just went paperless with the ARINCDirectSM iPad[®] app

Using the ARINCDirect iPad[®] app, flight plans completed on the ground are automatically synchronized for convenient use. You'll have the most recent and up-to-date weather information and flight plans at your fingertips.

All of your company documents are fully integrated with an enhanced PDF viewer. Annotate your charts or flight plans, and those annotations are instantly shared with your co-pilot or dispatcher. Users also have access to critical safety tools such as weight and balance.

This app offers:

- › Access full data for any trip by city pair, tail number and departure date
- › Recompute a fit plan with current or new departure date/time
- › 4-D flight hazard evaluations and alerts
- › Compute or recompute weight and balance and performance, even without an internet connection
- › View METARs, TAFs, NOTAMs, and winds aloft for departure, arrival and alternate airports
- › View runway analysis, SMS, and APIS PDFs relevant to your trips

We continue to release versions packed with new functionality and updates based on customer feedback.

Data link communications to keep you connected

Nearly every commercial airline and more than half of the world's business jets rely on the industry standard for air-ground communications – Rockwell Collins' ARINC GLOBALinkSM aviation data link network – to improve flight safety and operational efficiency.

VHF data link service

- › ARINC GLOBALink worldwide VHF data link service
- › SITA worldwide VHF data link service
- › ADCC China VHF data link service
- › Aero Thai VHF data link service
- › AVICOM Japan VHF data link service
- › DECEA Brazil VHF data link service
- › Support for multiple avionics configurations
- › Routing of all message types

Satellite data link service

- › Inmarsat satellite data link service
- › Iridium satellite data link service

Air traffic services

- › EDCT/CTOT notifications
- › Digital ATIS (D-ATIS)
- › Pre-Departure Clearance (PDC/DCL)
- › Terminal Weather Information for Pilots (TWIP)
- › Oceanic Clearance Delivery (OCD)
- › GA desk services
- › FAA flow reports
- › Controller-Pilot Datalink Communications (CPDLC)
- › Future Air Navigation Service (FANS)

ARINCDirectSM training

Rockwell Collins offers its ARINCDirect customers free one-day regional training sessions. These sessions are open to customers, operators or crew members interested in learning more about our comprehensive suite of flight support services. Attendees will receive a thorough operational review of the ARINCDirect website as well as an in-depth overview of our iPad application. Additional topics include the FlightRisk SMS tool and CPDLC/FANS training.

Regional trainings are held at locations throughout the world and designed to provide a greater understanding of the ARINCDirect services and tools. In addition to large group trainings, Rockwell Collins also offers small group training options for individual flight departments. This training can be completed onsite or via WebEx, depending on customer preference. Contact us for more information.

About Rockwell Collins

Rockwell Collins is a pioneer in the development and deployment of innovative communication and aviation electronic solutions for commercial and government applications. Our comprehensive ARINCDirect suite of flight support services brings together best-in-class flight planning, international trip support, cabin connectivity and flight operations management.

For more information, contact:

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