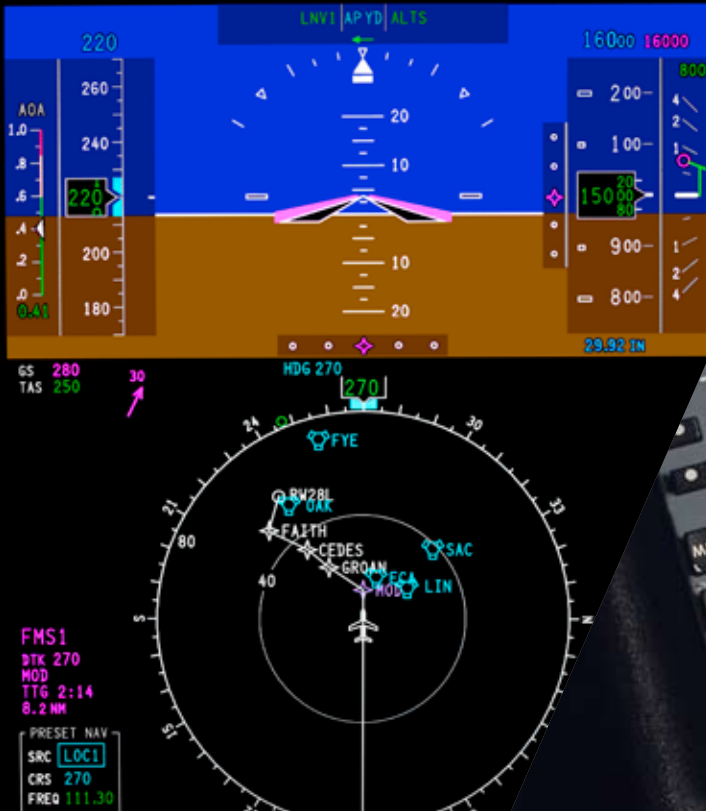


Flight Management System (FMS) Navigation Data Base Lufthansa Systems FlightNav, Inc. Supplied Data



FMS NAVIGATION

Rockwell Collins Flight Management Systems provide navigation using all the airplane's available navigation sensors to fly from waypoint to waypoint along a flight plan route. The waypoints are based on the information contained in the Navigation Data Base and any pilot-defined waypoints. A flight plan route is selected from a route list, or created from the data base waypoint information and/or pilot-defined waypoints. With the navigation and other sensor data available to it, the FMS determines its present position relative to the flight plan route, and computes steering commands for use by the flight control system to fly the airplane along the route.

NAVIGATION DATA BASE

Pilots use the information to create and modify flight plans. FMS uses the information to: select the VOR/DME nav aids to use in determining its position; display information about the various navigation facilities on the CDU, MFD data pages, and MAP displays; and automatically insert into a flight plan the waypoints that make up a selected jet route, airway, SID, STAR, or approach. The navigation data bases contain the ACTIVE DATA BASE and the SEC DATA BASE. This allows the loading of a new data base before its effective date so that the new data base is ready for use when it becomes valid.

KEY BENEFITS

- › Rockwell Collins holds an FAA AC20-153 Type 2 Letter of Acceptance
- › Convenient web download accessible worldwide
- › Compatible with all Rockwell Collins data loaders
- › 24-hour AOG customer support
- › Flexible coverage/price options
- › Company route inclusion reduces pilot workload (optional)
- › Annual data base update subscription service
- › Updates available prior to effective date allowing a flexible timeline for data loading

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KEY FEATURES

The following information is available in your navigation data base. Some information may be reduced based on subscription options or your specific flight management computer limitations.

- FAA AC20-153 Type 1 Navigation Data Base
Vendor – Lufthansa Systems FlightNav, Inc.
- Worldwide coverage
- 28-day update according to AIRAC cycle
- All public use airports with hard surfaced runways
- SIDS/STARS
- Standard instrument approaches
- Enroute airways
- Airport gates (optional)
- Terminal and enroute waypoints
- Airport communication frequencies (some FMS)
- VHF and NDB nav aids

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Rockwell Collins delivers smart communication and aviation electronic solutions to customers worldwide. Backed by a global network of service and support, we stand committed to putting technology and practical innovation to work for you whenever and wherever you need us. In this way, working together, we build trust. Every day.

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