

ROCKWELL COLLINS NAVIGATION DATABASE SERVICE FMS 4200 NAVIGATION DATABASE SERVICE (AIRLINES)

This FMS navigation database updates the Rockwell Collins Flight Management Systems (FMS). Rockwell Collins FMS and Database Support provides the Navigation Database Service as part of the Buyer's annual subscription.

Subscription

One (1) annual subscription is required for each aircraft serial number. This subscription fee is for use on a single aircraft and does not allow any Buyer to rent, lease, lend, upload to or host on any web site or server.

Service Activation

Please complete the enclosed Rockwell Collins Database Service Registration Form, print the form and fax it to FMS and Database Support at (319) 295-8757. You may send the form via email to fmssubs@rockwellcollins.com. Payment may be made by major credit card, check or wire transfer. The first 28 day cycle will not be available until a completed registration form is received and processed by FMS and Database Support.

FMS Navigation Database

Note: Each FMS version is compatible with only one numbered type of database. There are currently two compatible formats (types) of the navigation database for the FMS 4200.

The FMS version can be determined from:

1. The 10-digit *Software Identification* (SCID) number, found on the STATUS page of the CDU. **OR**
2. The 10-digit *Part Number* (P/N) of the *Flight Management Computer* (FMC). The FMC can be found in the IAPS (card cage).

Type J3 navigation databases will load into the following version of the FMS 4200:

1. SCID 829-7739-028 FMC P/N 822-0783-013

Type J4 navigation databases will load into the following versions of the FMS 4200:

1. SCID 832-4119-012 FMC P/N 822-0783-011
2. SCID 832-4119-016 FMC P/N 822-0783-015

Americas

- Lufthansa supplied data - \$4,600.00
- Jeppesen supplied data - \$5,400.00

Europe/Asia/Pacific

- Lufthansa supplied data - \$4,600.00
- Jeppesen supplied data - \$5,400.00

Contents

Public use airports with a hard surface runway

- Departure Procedures, SIDs, STARs and FMS Arrivals for included airports
- Approaches and missed approaches for included airports
- Terminal waypoints for included airports
- Communications frequencies for included airports

Nav aids including VORs, DMEs, VOR/DMEs, VORTACs, TACANs, ILSs and NDBs

Enroute intersections

Airways excluding ATS routes

Note: Airports not meeting the criteria may be added to the database for a additional fee.

Simulators

The database may be used at no charge to train company personnel in the following situations:

1. The database is only used to train company personnel.
2. The database is only used on company owned training devices.
3. The training devices are located in company facilities.

In all other situations, where the database is used in a training device, charges will apply. Please contact (319) 295-5000 for details.

Options

For an annual fee of USD \$5,000.00 the standard Americas or Europe Asia Pacific database can be tailored to meet customer requirements. For details on the following options, contact (319) 295-5000.

Airports

-Specific airports can be added or removed from the database

Docs

-The document file lists the contents of and changes to the navigation database file in a MS Access format. This file can be used to research the contents of the database and may also be used by some desktop FMS training tools.

Gates

-If available from your chosen supplier, company specific gate location information can be included.

Regions

-Geographical coverage can be matched to the operational area of the customer.

Runways

-The standard 3500' minimum runway length can be varied.

Tailored Procedures

-If available from your chosen supplier, company tailored procedures can be included (e.g. STARs)

Company Routes (A route is limited to 100 waypoints)

- There is an annual USD \$25 per-route maintenance fee, in addition to the USD \$5,000.00 annual fee for tailoring a database.
- Type J3 navigation databases may have up to 1000 company routes added
- Type J4 navigation databases may have up to 3000 company routes added

Updates

Each database cycle is effective for 28 days, with 13 cycles in a year.

COLLINS FMS 4200 FLEET DATABASE SERVICE REGISTRATION FORM

Purchase Order Number

Organization/Company

Address

City

State, Zip

Country

Primary Contact

Email

Telephone #

Fax #

Aircraft Type

Number of aircraft to be subscribed

Please include a separate listing of serial & registration number on each aircraft to have the FMS database loaded.

FMS Version (SCID or FMS P/N)

Please select a supplier:☐ Lufthansa Data☐ Jeppesen Data**Please select a region:**☐ Americas☐ Europe/Asia/Pacific**How will the data be loaded into the aircraft:**☐ DBU-4100 (Floppy disk)☐ CPAS-3000☐ PCD-3000 (PMAT)☐ DBU-5000

Tailoring

Options: ☐ Specific airports added/deleted? Please include a list of those airports☐ Document files required? Please contact 319.295.5000 to obtain☐ Gate locations required? Please include a list of those gate locations☐ Runway minimum other than 3500 feet?☐ Non standard region required?☐ Tailored procedures required?☐ Company routes required?

Estimated number of routes. Please include list of routes

☐ Simulator database required?**Delivery Method**☐ Web Delivery (no charge)☐ Physical Delivery (\$420/US address; \$1103/Non-US address)☐ I certify that the above information is current & correct.

Signature