
INFORMATION

The Database Update subscription service is offered to provide you with current, accurate navigation information for your UNS System. The Jeppesen navigation information is compiled from official government sources worldwide and formatted on 3½ inch disks. The database updates are loaded into the UNS System via the Data Transfer Unit (DTU) or Solid State DTU (SSDTU) (see note below).

Regions: The accompanying map shows the ten ARINC areas used to describe coverage. The database region selected determines the geographic coverage.

Contents: Airports, nav aids, airways, terminal and enroute waypoints are included on the STANDARD disk. SIDs, STARs, approaches and runways are included on the EXTENDED disk for each region.

Navigation information includes:

Airports: Public use airports having one hard surfaced runway at least 2,000, 4,000 or 6,000 feet long, depending on the coverage selected. Plain-language references for airports are included. Selected soft-surfaced and gravel runways with GPS or GPS overlay procedures are also included.

Nav aids: VHF nav aids including VORs, VOR/DMEs, VORTACs, TACANs, DMEs, ILS/DMEs and NDBs. Plain-language references for nav aids are included.

Airways: All airway routes published by government agencies.

Enroute Wpts: Enroute waypoints (intersections) for on-airway and off-airway navigation.

SIDs and STARs: SIDs and STARs, including enroute transitions, for the airports above, except "vector only" procedures. The navdata contains a maximum of 99 SIDs, STARs or approaches at any particular airport.

Terminal Wpts: Named waypoints (intersections) which are part of a SID, STAR or approach procedure.

Approaches: Jeppesen sourced approaches are on the extended disk for each coverage. These include ILS, LOC, BC, GPS, VOR DME RNAV, VOR, VOR/DME and NDB approaches. Also included are transitions and missed approach procedures. Circling approaches and approaches having course changes greater than 6.0 degrees are excluded. One approach per runway is provided in the priority listed below. There is a choice of ordering either of the following approach priorities.

1. ILS, LOC, BC, GPS, VOR DME RNAV, VOR/DME, NDB, TACAN (ILS Priority)
2. GPS, VOR DME RNAV, VOR/DME, NDB, TACAN, ILS, LOC, BC (GPS Priority)

Runways: Runways for the airports above referenced in SIDs, STARs, or approaches.

Updates The annual subscription service includes thirteen updates shipped on a 28-day cycle. The navigation information is only valid for the 28-day period for which it was produced. Expired disks may be discarded. New update disks are sent from Universal Avionics prior to the effective date of each cycle update.

NOTAMS/ALERTS: NOTAMS and Navdata Alerts are available from Jeppesen at <http://www.jeppesen.com>.

The end user has the ultimate responsibility to ensure the data requirements are met. By using UASC navigation data, the end user agrees to the data quality requirements established by UASC, a copy of which can be obtained from UASC upon request. Further, the end user should verify the navigation data is current, valid, and appropriate for the intended operation. The end user also should become familiar with applicable notices to airmen (NOTAMS), Jeppesen NavData Alerts, Navtech FMS Navdata bulletins, NFD alert notifications, and UASC Navigation Data notices and alerts that may affect operation. Finally, the end user should notify UASC if it discovers an error or inconsistency in the data.

Trip Kits A one-time update for any coverage other than your subscription may be purchased from Universal Avionics, as required. This service is in addition to the regular subscription and may be purchased as often as required.

Discounts A subscription is required for each aircraft. Contact Universal Avionics Marketing at (520) 295-2300 or (800) 321-5253. The fax number is (520) 295-2394. E-mail is navdata@uasc.com.

To start your update service, please complete the enclosed order form and return it to Universal Avionics via fax at (520) 295-2394 or e-mail to navdata@uasc.com. Note: The SSDTU (PN 1408-xx-x or 1409-xx-x) is available as a

replacement for the standard DTU (PN 1403-xx-x, 1404-xx-x or 1405-xx-x). For FMS SCN 405-600 or 505-700, multiple USB flash memory sticks or SD cards must be used for multiple disk sets—one USB or SD per disk. Navdata service for SSDTU is only available as download-only for FMS SCN 405-600 and 505-600.

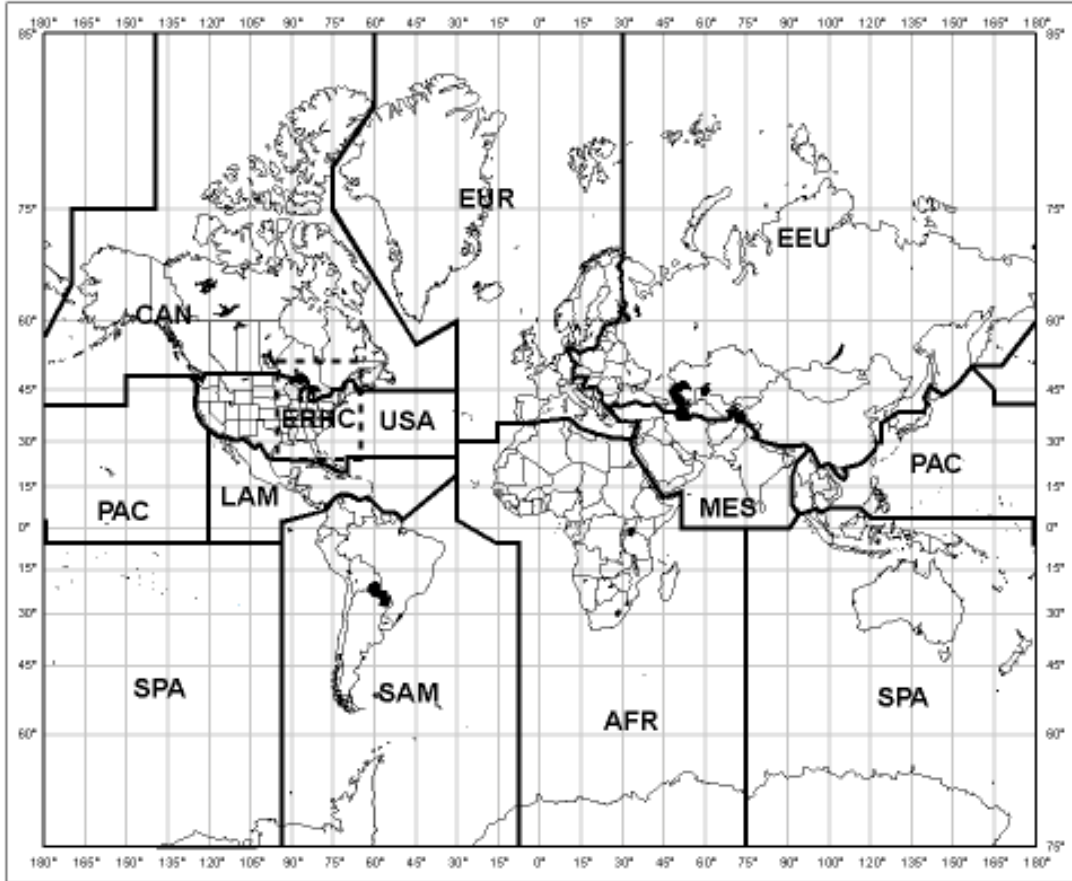
10/20/11

DATABASE CONTENTS

Database Region Number	Geographic Area	Database Contents Approach priority = GPS, VOR DME RNAV, VOR/DME, NDB, TACAN, ILS, LOC and BC
1344-2RG	CAN-LAM-USA	Contains VHF and NDB nav aids with plain language references, enroute and terminal waypoints, high and low altitude airways and airports (runways ≥4,000 ft) for Canada, Latin America and United States ARINC areas.
1344-2RG/ERG	Extended Data Region 2RG	Adds SIDs, STARs, approaches (including GPS and NDB overlay and GPS stand-alone approaches) and missed approach procedures.

Database Region Number	Geographic Area	Database Contents Approach priority = ILS, LOC, BC, GPS, VOR DME RNAV, VOR/DME, NDB and TACAN
1344-A1/A1EI (set)	WORLD	<p>Contains VHF and NDB nav aids with plain language references, enroute and terminal waypoints, high and low altitude airways and airports (runways ≥6,000 ft). Extended disks add highest precision approach available and missed approach procedures. Does not contain SIDs or STARs.</p> <p>1344-A1/A1EI Canada, Europe, Latin America and USA 1344-B1/B1EI Canada, Eastern Europe, Latin America, Pacific, South America and USA 1344-C1/C1EI World without Latin America, South America or USA</p>

1344-2R	CAN-LAM-USA	Contains VHF and NDB nav aids with plain language references, enroute and terminal waypoints, high and low altitude airways and airports (runways $\geq 4,000$ ft) for Canada, Latin America and United States ARINC areas.
1344-2R/ERI	Extended Data Region 2R	Adds SIDs, STARs, approaches (including GPS and NDB overlay and GPS stand-alone approaches) and missed approach procedures.
1344-3R	LAM-SAM-USA	Contains VHF and NDB nav aids with plain language references, enroute and terminal waypoints, high and low altitude airways and airports (runways $\geq 4,000$ ft) for Latin America, South America and United States ARINC areas.
1344-3R/ERI	Extended Data Region 3R	Adds SIDs, STARs, approaches (including GPS and NDB overlay and GPS stand-alone approaches) and missed approach procedures.
1344-4R	AFR-EEU-EUR-MES	Contains VHF and NDB nav aids with plain-language references, enroute and terminal waypoints, high and low altitude airways and airports (runways $\geq 4,000$ ft) for Africa, Eastern Europe, Europe and Middle East ARINC areas.
1344-4R/ER	Extended Data Region 4R	Adds STARs and highest precision approach available for each runway and missed approach procedures. Note: No SIDs are included. Also, no GPS or GPS overlay approaches are included.
1344-5R	EEU-MES-PAC-SPA	Contains VHF and NDB nav aids with plain-language references, enroute and terminal waypoints, high and low altitude airways and airports (runways $\geq 2,000$ ft) for Eastern Europe, Middle East, Pacific and South Pacific ARINC areas.
1344-5R/ERI	Extended Data Region 5R	Adds SIDs, STARs, approaches (including GPS and NDB overlay and GPS stand-alone approaches) and missed approach procedures.



ORDER FORM

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Aircraft Type	Aircraft Registration	Aircraft Serial Number	Database Region	SCN (software control number)	Price Per Year
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