

## 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, depending on the coverage selected. Plain-language references for airports are included. Selected soft-surfaced and gravel runways having 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:** SIDs including enroute transitions for the airports above, except "vector only" procedures.
- STARs:** STARs including enroute transitions for the airports above, except "vector only" procedures.
- Terminal Wpts:** Named waypoints (intersections) which are part of a SID, STAR or approach procedure.
- Approaches:** Highest precision approach available for each runway, plus transitions and missed approach procedures. ILS, LOC and BC approaches for the USA region, circling approaches and approaches having course changes greater than 6.0 degrees are not supported.
- 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** **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](mailto: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](mailto:navdata@uasc.com).

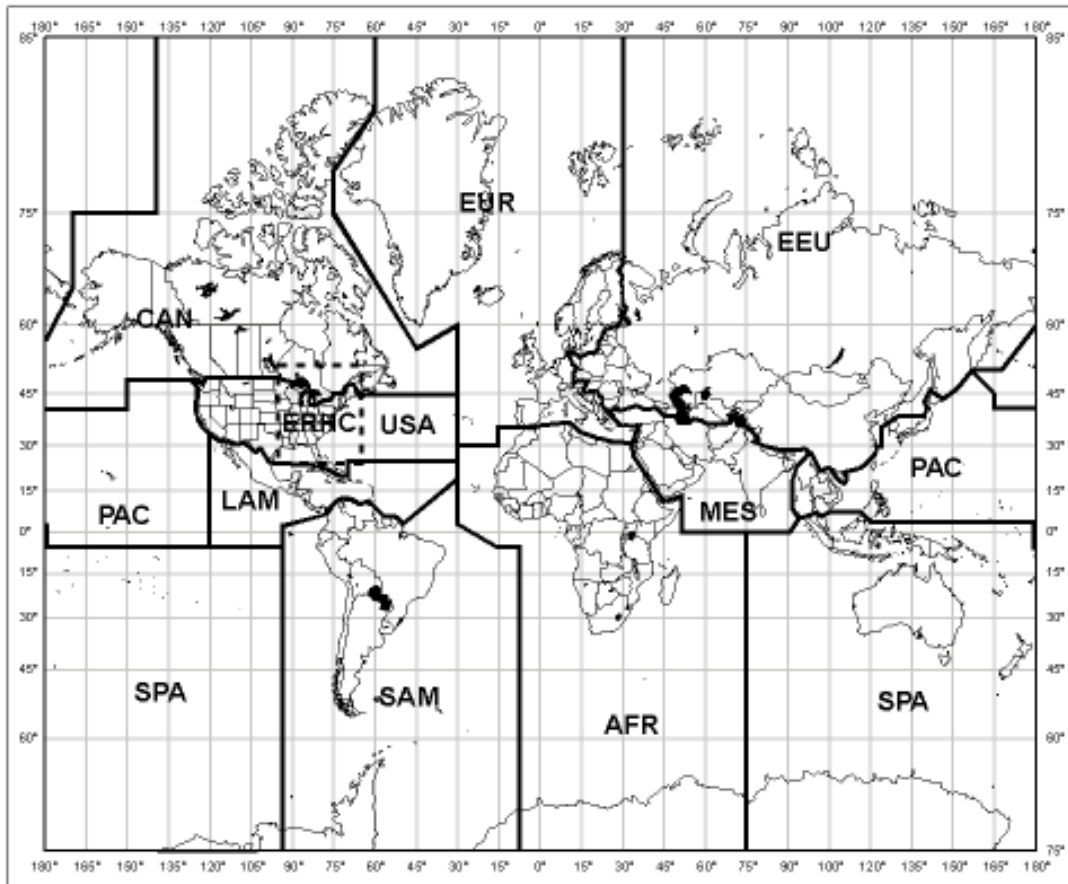
Note: The SSDTU (PN 1408-xx-x or 1409-xx-x) is available as a replacement for the standard DTU (PN 1403-xx-x, 1404-xx-x or 1405-xx-x). For FMS SCN 400-404 or 500-504, multiple USB flash memory sticks or SD cards must be used for multiple disk sets—one USB or SD per disk. Navdata service for SSDTU is only available as download-only for FMS SCN 400-404 and 500-504.

10/20/11

**DATABASE CONTENTS**

<b>Database Region Number</b>	<b>Geographic Area</b>	<b>Database Contents</b>
<b>1344-1</b>	<b>WORLD</b>	<p>Contains VHF and NDB nav aids, enroute waypoints, high and low altitude airways and airports (runways <math>\geq 5,000</math> ft) for all ten ARINC areas.</p> <p>Does not contain plain language names, terminal waypoints, SIDs, STARs, approaches or runways.</p>
<b>1344-2R</b>	<b>CAN-LAM-USA</b>	<p>Contains VHF and NDB nav aids with plain language references, enroute and terminal waypoints, high and low altitude airways and airports (runways <math>\geq 4,000</math> ft) for Canada, Latin America and United States ARINC areas.</p>
<b>1344-2ER</b>	<b>Extended Data Region 2R</b>	<p>Adds SIDs, STARs, highest precision approach available for each runway and missed approach procedures. Does not contain ILS, LOC or BC approaches for USA area.</p>
<b>1344-3R</b>	<b>LAM-SAM-USA</b>	<p>Contains VHF and NDB nav aids with plain language references, enroute and terminal waypoints, high and low altitude airways and airports (runways <math>\geq 4,000</math> ft) for Latin America, South America and United States ARINC areas.</p>
<b>1344-3ER</b>	<b>Extended Data Region 3R</b>	<p>Adds SIDs, STARs, highest precision approach available for each runway and missed approach procedures. Does not contain ILS, LOC or BC approaches for USA area.</p>
<b>1344-4R</b>	<b>AFR-EEU-EUR-MES</b>	<p>Contains VHF and NDB nav aids with plain-language references, enroute and terminal waypoints, high and low altitude airways and airports (runways <math>\geq 4,000</math> ft) for Africa, Eastern Europe, Europe and Middle East ARINC areas.</p>
<b>1344-4ER</b>	<b>Extended Data Region 4R</b>	<p>Adds STARs and highest precision approach available for each runway and missed approach procedures.</p> <p>Note: No SIDs are included</p>
<b>1344-5R</b>	<b>EEU-MES-PAC-SPA</b>	<p>Contains VHF and NDB nav aids with plain-language references, enroute and terminal waypoints, high and low altitude airways and airports (runways <math>\geq 2,000</math> ft) for Eastern Europe, Middle East, Pacific and South Pacific ARINC areas.</p>
<b>1344-5ER</b>	<b>Extended Data Region 5R</b>	<p>Adds SIDs, STARs, highest precision approach available for each runway and missed approach procedures.</p>

See price list below



**ORDER FORM**

<p><b>Send Database Updates To:</b></p> <p>Name: _____</p> <p>Title: _____</p> <p>Company: _____</p> <p>Address: _____</p> <p>_____</p> <p>City: _____ State: _____</p> <p>Province: _____ Postcode/ZIP: _____</p> <p>Country: _____</p> <p>Phone: _____</p> <p>Fax: _____</p> <p>e-mail: _____</p> <p>Aircraft is based at _____ Airport</p>	<p><b>Send Invoice To:</b></p> <p>Name: _____</p> <p>Title: _____</p> <p>Company: _____</p> <p>Address: _____</p> <p>_____</p> <p>City: _____ State: _____</p> <p>Province: _____ Postcode/ZIP: _____</p> <p>Country: _____</p> <p>Phone: _____</p> <p>Fax: _____</p> <p>e-mail: _____</p>
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Aircraft Type	Aircraft Registration	Aircraft Serial Number	Database Region	SCN (software control number)	Price Per Year
Add \$75.00 international shipping surcharge for each item sent out of USA			<b>SUBTOTAL</b>		
			<b>Sales Tax if applicable</b>		
			<b>\$75.00 x _____</b>		
			<b>TOTAL</b>		
<b>IS YOUR DATABASE EXPIRED</b> <input type="checkbox"/> Yes			Add \$75.00 international shipping surcharge for each item sent out of USA		<b>SUBTOTAL</b>
If so, do you want the initial update shipped by FedEx? Shipping charges will be added to the invoice. <input type="checkbox"/> Yes					

Method of Payment:       Send Invoice       Purchase Order Number: \_\_\_\_\_

Credit Card:       Visa       Master Card       American Express

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**This subscription is non-refundable.**

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Signature

Date

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