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**INFORMATION**

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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).

**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, enroute waypoints and terminal 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 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:** 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 verify the navigation data is current, valid, and appropriate for the intended operation. By using UASC navigation data, the operator agrees to the data quality requirements established by UASC. If an error or inconsistency is discovered, the end-user should notify Jeppesen or Universal Avionics for resolution. In addition, the end user is responsible for checking the latest NOTAMs, Jeppesen NavData Alerts and UASC Navigation Data notices and alerts.**

**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).

**DATABASE CONTENTS**

<b>Database Region Number</b>	<b>Geographic Area</b>	<b>Database Contents</b>
<b>1344-1 see note below</b>	<b>WORLD</b>	Contains VHF and NDB nav aids, enroute waypoints, high and low altitude airways and airports (runways $\geq 5,000$ ft) for all ten ARINC areas.  Does not contain plain language names, terminal waypoints, SIDs, STARs, approaches or runways.
<b>1344-2R see note below</b>	<b>CAN-LAM-USA</b>	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.
<b>1344-2ER see note below</b>	<b>Extended Data Region 2R</b>	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.
<b>1344-3R see note below</b>	<b>LAM-SAM-USA</b>	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.
<b>1344-3ER see note below</b>	<b>Extended Data Region 3R</b>	Adds SIDs, STARs, highest precision approach available for each runway and missed approach procedures. Does not contain ILS, LOC and BC approaches for USA area.
<b>1344-4R see note below</b>	<b>AFR-EEU-EUR-MES</b>	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.
<b>1344-5R see note below</b>	<b>EEU-MES-PAC-SPA</b>	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.
<b>1344-5ER see note below</b>	<b>Extended Data Region 5R</b>	Adds SIDs, STARs, highest precision approach available for each runway and missed approach procedures.

NOTE: Navdata region is only available for UNS-1A full FMS systems containing two memory PC boards. This data cannot be used with the UNS-1A Compact FMS or a Full FMS containing only a single memory PC board.





