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## Navdata Information

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The Database Update subscription service is offered to provide current, accurate navigation information for your UNS System. NAV databases are compiled from official state sources and supplied to Universal Avionics Systems Corporation by Jeppesen Sanderson, Inc. or other qualified suppliers. NAV databases may also include customer tailored data not originating from a state authority, such as at private airports/runways and private arrival/departure procedures. The end user has the responsibility to verify the suitability of this data for the intended operation. Updates are available for download from Universal Avionics web site or are provided on 100MB iOmega Zip disks or 512MB USB Flash drives. Updates are loaded into the UNS System via DTU-100 or SSTDU data transfer unit.

### Navigation information includes:

**Airports:** Public use airports with plain-language references for locations having one hard surfaced runway at least 2,000, 4,000 or 5,000 feet long, depending on the coverage selected. Some private airports, and some airports with soft-surfaced and gravel runways are included.

**Nav aids:** VHF nav aids with plain-language references for: VORs, VOR/DMEs, VORTACs, TACANs, DMEs, ILS/DMEs and NDBs.

### Airways and Enroute Waypoints:

All airway routes and enroute waypoints (intersections) published by government agencies for on-airway and off-airway navigation.

### SIDs, STARs and Approaches:

Jeppesen sourced SIDs, STARs, approaches, enroute transitions and missed approach procedures for included airports. Includes ILS, LOC, BC, GPS, VOR DME RNAV, VOR, VOR/DME, NDB and TACAN approaches. Also includes terminal waypoints (intersections) that are part of a SID, STAR or approach. The navdata contains a maximum of 99 SIDs, STARs or approaches at any particular airport. Some private and some special permission required SID, STAR and approach procedures are included. Does not include vector only procedures, LDA approaches and non-GPS approaches having final approach course changes greater than 6.0 degrees. Coverage for true-course SID, STAR and approach procedures are available to qualified operators, call for details.

**Runways:** Runways at included airports with a minimum length of 2000, 4000 or 5000 feet, as applicable. Some private runways, and some soft-surfaced and gravel runways are included.

**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. New updates are sent from Universal Avionics prior to the effective date of each cycle update. Return expired media to Universal Avionics for recycling.

**NOTAMs** NOTAMs and NAVDATA Alerts are available from Jeppesen at <http://www.jeppesen.com>

**RTCA/DO-200A** Universal Avionics complies with applicable RTCA/DO-200A and FAA requirements as they apply to navdata for use by end customers in Universal Avionics' flight management systems with software control number 802.x/902.x or later. Universal Avionics publishes the compliance status and information concerning any data problems found during processing or after delivery on the company website at <http://www.uasc.com>.

The navigation databases may contain customer tailored data not originating from a State authority, such as private airports and runways or private arrival or departure procedures. The end user has the responsibility to verify the suitability of this data for the intended operation.

As defined in RTCA/DO-200A, the end user has the ultimate responsibility to ensure the data requirements are met. These responsibilities are satisfied, in part, by obtaining navigation data from an RTCA/DO-200A-compliant supplier such as UASC. By using UASC navigation data, the end user accepts the data quality requirements defined by UASC in the UASC *RTCA/DO-200A Compliance Plan for the Navigation Databases*, a copy of which can be obtained from UASC upon request. **Further, per RTCA/DO-200A, 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.**

**Discounts** A navdata subscription is required for each aircraft. Contact Universal Avionics Marketing at (520) 295-2300 or (800) 321-5253. Fax: (520) 295-2394. E-mail: [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).

10/20/11

<b>World Coverage</b>		
<b>802-W2 Zip *</b> <b>802S-W2 **</b>  <b>2000' Runways</b>	<b>802-W4 Zip *</b> <b>802S-W4 **</b>  <b>4000' Runways</b>	<b>802-W5 Zip *</b> <b>802S-W5 **</b>  <b>5000' Runways</b>
<p>Worldwide coverage. Contains VHF and NDB nav aids with plain language references, enroute and terminal waypoints, high and low altitude airways, airports, SIDs, STARs, approaches and missed approach procedures for all ten ARINC areas.</p>		
<b>World Helicopter</b>		
<b>802-H Zip *</b> <b>802S-H **</b>  <b>World Helicopter</b>		
<p>Worldwide coverage. Contains airports (runways <math>\geq 2000</math> ft) with plain language references, VHF and NDB nav aids, high and low altitude airways, SIDs, STARs, approaches and missed approach procedures for all ten ARINC areas. Also includes airports of all runway lengths (hard and soft surface) in the North American geographical area bounded by N50°, W95°, N23° and W65° and selected heliports in other locations.</p> <p><b>NOTE: Contains airports, runways and facilities not suitable for fixed wing aircraft</b></p>		

\* DTU-100 (100MB Zip Disk Media)

\*\*Solid State DTU (512MB USB Flash Drive Media)

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Aircraft Type	Aircraft Registration Number	Aircraft Serial Number	Database Region Part Number	Price Per Year

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**This subscription is non-refundable.**

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