

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 3 ½ inch disks, 100MB Zip Disks (SCN 603-604 and 703-704) or 512MB USB Flash drives. The database updates are loaded into the UNS System via the Data Transfer Unit (DTU), the DTU-100 (SCN 603-604 and 703-704) or the SSDTU data transfer unit (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: **Standard DTU:** Airports, nav aids, airways, terminal waypoints and enroute waypoints are included on the STANDARD disk, SIDs, STARs, approaches and runways are included on the EXTENDED disk(s) for each region.

DTU-100 and SSDTU: Airports, nav aids, airways, enroute waypoints, SIDs, STARs, terminal waypoints, approaches and runways are included on the Zip disk or USB Flash drive for each region.

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 5000 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: Includes airway routes and enroute waypoints (intersections) published by government agencies for on-airway and off-airway navigation.

SIDs, STARs and Approaches: Includes SIDs, STARs, approaches, enroute transitions and missed approach procedures for included airports. As specified below, includes ILS, LOC, BC, GPS, VOR DME RNAV, VOR, VOR/DME, NDB and TACAN approaches. Also includes terminal waypoints (intersections) within database coverage area 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.

Runways: Runways for included airports referenced in SIDs, STARs, or approaches. Some private runways, and some soft-surfaced and gravel runways are included.

Navigation information does not include:

- Vector only procedures
- LDA approaches
- BC or LOC circling approaches
- Non-GPS approaches having final approach course changes greater than 6.0 degrees.
- SIDs, STARs or approaches using waypoints or nav aids outside the database coverage area.

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 Zip disks and USB Flash drives to Universal Avionics for recycling.

NOTAMS/ALERTS: NOTAMS and Navdata Alerts are available at <http://www.jeppesen.com/company/alerts/alerts.jsp>.

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 601.x/701.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.**

Trip Kits

A one-time update for any coverage other than your subscription may be ordered from Universal Avionics, as required.

Discounts

A subscription is required for each aircraft. Multi-aircraft and internet download discounts may apply., 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.

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 601-602 or 701-702, 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 601-602 or 701-702.

07/29/11

PLEASE CONTACT NAVDATA FOR CURRENT PRICING

1-866-525-7905 or navdata@uasc.com

DATABASE CONTENTS

**STANDARD DTU (SCN 601-604 or 701-704)
SSDTU (SCN 601-602 or 701-702)
Long Range Coverage—Runways 5000’ and Longer**

1350-C5 (set)

World without LAM-SAM-USA

1350-D5 (set)

CAN-EEU-LAM-PAC-SAM-USA

1350-E5 (set)

CAN-EUR-LAM-USA

Contains VHF and NDB nav aids with plain language references, enroute and terminal waypoints, high and low altitude airways, airports (runways 5000’ and longer), SIDs, STARs, approaches and missed approach procedures.

1350-C5 and 1350-D5 includes one approach per runway; 1350-E5 includes two approach per runway using the following priority: GPS, ILS, LOC, BC, VOR DME RNAV, VOR, NDB, TAC

**STANDARD DTU (SCN 601-604 or 701-704)
SSDTU (SCN 601-602 or 701-702)
Intermediate Coverage—Runways 4000’ and Longer**

1350-F4 (set)

LAM-SAM-USA

1350-G4 (set)

CAN-LAM-USA

Contains VHF and NDB nav aids with plain language references, enroute and terminal waypoints, high and low altitude airways, airports (runways 4000’ and longer), SIDs, STARs, approaches and missed approach procedures.

1350-F4 does not include NDB approaches in the USA ARINC area.

1350-G4 includes two approaches per runway using the following priority: GPS, ILS, LOC, BC, VOR DME RNAV, VOR, NDB, TAC.

**STANDARD DTU (SCN 601-604 or 701-704)
SSDTU (SCN 601-602 or 701-702)
Regional Coverage—Airports 2000' and Longer**

<p>1350-D2 (set)</p> <p>AFR-EEU-EUR-MES</p>	<p>1350-E2 (set)</p> <p>WORLD WITHOUT CAN-EUR-USA</p>	<p>1350-F2 (set)</p> <p>CAN-EEU-EUR-PAC</p>	<p>1350-G2 (set)</p> <p>CAN-LAM-USA See Note Below</p>	
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Contains VHF and NDB nav aids with plain language references, enroute and terminal waypoints, high and low altitude airways, airports (runways 2000' and longer), SIDs, STARs, approaches and missed approach procedures.

Note: 1350-G2 Canada, Latin America includes one approach per runway in the USA ARINC area using the following priority: GPS, ILS, LOC, BC, VOR DME RNAV, VOR, NDB, TAC.

**STANDARD DTU (SCN 601-604 or 701-704)
SSDTU (SCN 601-602 or 701-702)
Helicopter Coverage**

<p>1350-6H (set)</p> <p>North American Helicopter Plus CAN-LAM-SPA-USA</p> <p>NDB</p>	<p>1350-6HI (set)</p> <p>North American Helicopter Plus CAN-LAM-SPA-USA</p> <p>ILS</p>	
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Contains airports (runways ≥2000 ft) with plain language references, VHF and NDB nav aids, high and low altitude airways, SIDs, STARs, approaches and missed approach procedures for Canada, Latin America, South Pacific and USA (East of W097) 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. Two approaches per runway are provided using the highest priority in accordance with the following list: GPS, ILS (see notes), LOC, BC, VOR DME RNAV, VOR, NDB (see notes) and TAC.

Contains airports, runways and facilities not suitable for fixed wing aircraft

**1350-6H USA coverage does not include ILS approaches
1350-6HI USA coverage does not include NDB approaches**

<p>DTU-100 and SSDTU (SCN 603-604 or 703-704) Long Range Coverage—Runways 5000’ and Longer</p>		
<p>604-C5 ZIP* 604S-C5**</p> <p>World without LAM-SAM-USA See Note Below</p>	<p>604-D5 ZIP* 604S-D5**</p> <p>CAN-EEU-LAM-PAC-SAM-USA See Note Below</p>	<p>604-E5 ZIP* 604S-E5**</p> <p>CAN-EUR-LAM-USA See Note Below</p>
<p>Contains VHF and NDB nav aids with plain language references, enroute and terminal waypoints, high and low altitude airways, airports (runways 5000’ and longer), SIDs, STARs, approaches and missed approach procedures.</p> <p>Note: 604-C5 and 604-D5 includes one approach per runway; Note: 604-E5 includes two approach per runway using the following priority: GPS, ILS, LOC, BC, VOR DME RNAV, VOR, NDB, TAC</p>		
<p>DTU-100 and SSDTU (SCN 603-604 or 703-704) Intermediate Coverage—Runways 4000’ and Longer</p>		
<p>604-F4 ZIP* 604S-F4**</p> <p>LAM-SAM-USA See Note Below</p>	<p>604-G4 ZIP* 604S-G4**</p> <p>CAN-LAM-USA See Note Below</p>	
<p>Contains VHF and NDB nav aids with plain language references, enroute and terminal waypoints, high and low altitude airways, airports (runways 4000’ and longer), SIDs, STARs, approaches and missed approach procedures.</p> <p>Note: 604-F4 does not include NDB approaches in the USA ARINC area; Note: 604-G4 includes two approaches per runway using the following priority: GPS, ILS, LOC, BC, VOR DME RNAV, VOR, NDB, TAC.</p>		

* DTU-100 (100MB Zip Disk Media)

**Solid State DTU (512MB USB Media)

**DTU-100 and SSDTU
(SCN 603-604 or 703-704)
Regional Coverage—Airports 2000' and Longer**

<p>604-D2 ZIP* 604S-D2**</p> <p>AFR-EEU-EUR-MES</p>	<p>604-E2 ZIP* 604S-E2**</p> <p>WORLD WITHOUT CAN-EUR-USA</p>	<p>604-F2 ZIP* 604S-F2**</p> <p>CAN-EEU-EUR-PAC</p>	<p>604-G2 ZIP* 604S-G2**</p> <p>CAN-LAM-USA See Note Below</p>	
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Contains VHF and NDB nav aids with plain language references, enroute and terminal waypoints, high and low altitude airways, airports (runways 2000' and longer), SIDs, STARs, approaches and missed approach procedures.

604-G2 Canada, Latin America includes one approach per runway in the USA ARINC area using the following priority: GPS, ILS, LOC, BC, VOR DME RNAV, VOR, NDB, TAC.

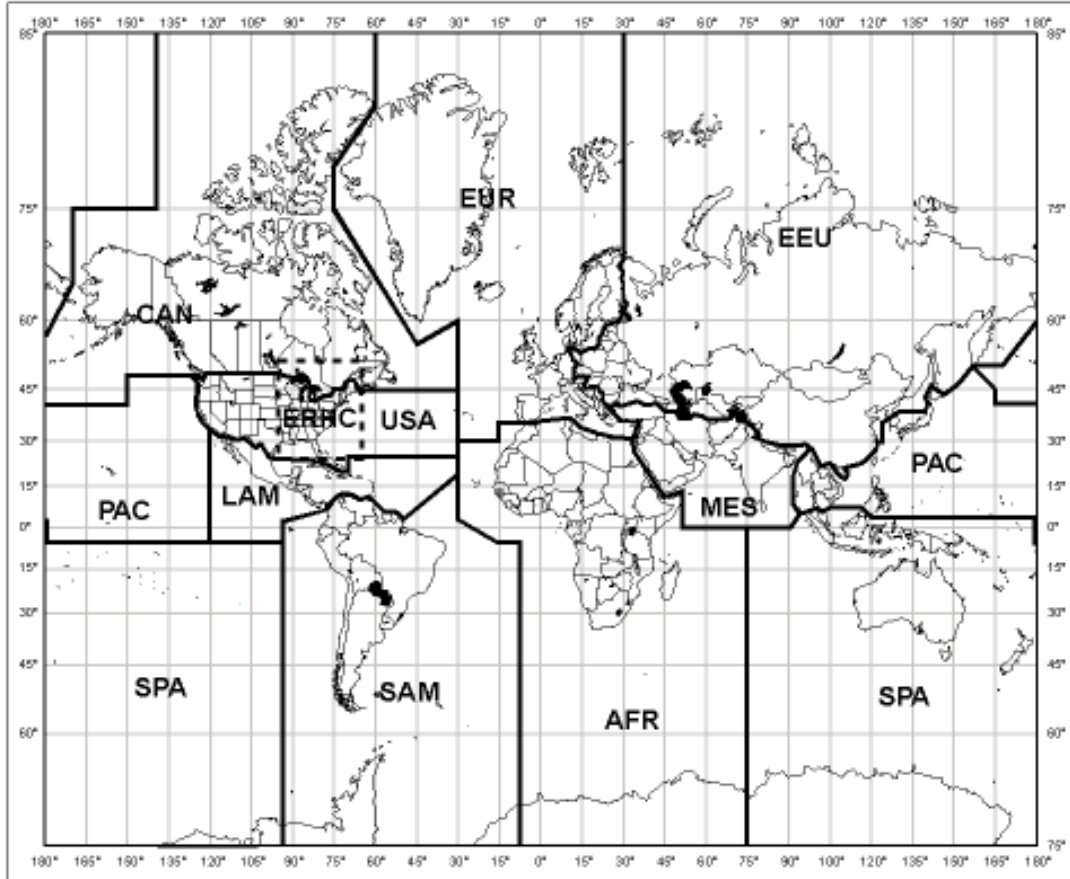
**DTU-100 and SSDTU
(SCN 603-604 or 703-704)
Helicopter Coverage**

<p>604-6H ZIP* 604S-6H**</p> <p>North American Helicopter Plus CAN-LAM-SPA-USA</p> <p align="center">NDB</p>	<p>604-6HI ZIP* 604S-6HI**</p> <p>North American Helicopter Plus CAN-LAM-SPA-USA</p> <p align="center">ILS</p>	
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Contains airports (runways ≥2000 ft) with plain language references, VHF and NDB nav aids, high and low altitude airways, SIDs, STARs, approaches and missed approach procedures for Canada, Latin America, South Pacific and USA (East of W097) 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. Two approaches per runway are provided using the highest priority in accordance with the following list: GPS, ILS (see notes), LOC, BC, VOR DME RNAV, VOR, NDB (see notes) and TAC.

Contains airports, runways and facilities not suitable for fixed wing aircraft
604-6H USA coverage does not include ILS approaches
604-6HI USA coverage does not include NDB approaches

* DTU-100 (100MB Zip Disk Media)
 **Solid State DTU (512MB USB Media)



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Name: _____	e-mail: _____
Name: _____	e-mail: _____

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