

INFORMATION

The Database Update subscription service is offered to provide you with current, accurate navigation information for your UNS-1M or UNS-1Msp Navigation Management System. The Jeppesen navigation information is compiled from official government sources worldwide and formatted on a PCMCIA flash memory card. The database updates are loaded into the UNS-1M or UNS-1Msp by inserting the flashcard into the slot in the UNS-1M CDU or UNS-1Msp NCU. Simply remove the flashcard which contains the expired data and replace it with the card containing the current data. Return expired cards to Universal Avionics.

IMPORTANT NOTICE: Verify the Software Control Number (SCN) of your system to ensure that you are subscribing to the correct database. The SCN will appear on the screen during the self-test immediately after turning on the system.

Contents:

Airports: **SCN 23.x and 22.x:** Worldwide coverage of airports with runways 4000' (SCN 22) or 5000' (SCN 23) and longer or regional coverage of airports with runways 2000' and longer (SCN 23 only). Selected soft-surfaced and gravel runways having GPS or GPS overlay procedures are also included.

SCN 21.x: Worldwide coverage of airports. Selected soft-surfaced 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.

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

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

Approaches: **SCN 23.x:** The lowest minimums approach for each runway is provided along with transitions and missed approach procedures. Also includes GPS and NDB overlay approaches and stand-alone GPS approaches. Approaches having course changes greater than 6 degrees are **not included**.

SCN 22.x: One approach per runway with the highest priority approach in accordance with those listed below. Circling approaches and approaches having course changes greater than 6 degrees are **not included**. There is a choice of ordering either of the following approach priorities:

1. ILS, LOC, BC, GPS, VOR DME RNAV, VOR, NDB and TACAN
2. GPS, VOR DME RNAV, VOR, NDB, TACAN, ILS, LOC and BC

SCN 21.x: One approach per runway in the priority VOR DME RNAV, VOR. Circling approaches, GPS, ILS, LOC, BC or TACAN approaches, and approaches having course changes greater than 6 degrees are **not included**.

Updates: The annual subscription service includes thirteen new updates shipped on a 28-day cycle. The navigation information is only valid for the 28-day period for which it is produced. New update flashcards are sent from Universal Avionics prior to the effective date of each cycle update. Expired flashcards must be returned to Universal Avionics to avoid replacement charges.

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.

Dual Systems: A flashcard is required for each UNS-1M or UNS-1Msp system. The database flashcard for the second system in a single aircraft is provided at a reduced price.

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.

For additional information, contact Universal Avionics Systems Corporation

(800) 321-5253

(520) 295-2394 (FAX)

(520) 295-2300

navdata@uasc.com

DATABASE CONTENTS

UNS-1M and UNS-1Msp SCN 23.x

Part Number & Geographic Area	Database Contents
1348-14W4 WORLD	Contains airports (runways ≥ 5000 feet), VHF and NDB nav aids, enroute and terminal waypoints for the World. Includes Jeppesen-sourced approaches (including circling approaches) for all runways, transitions and missed approach procedures. Also includes non-precision GPS and NDB overlay approaches and stand-alone GPS approaches. One approach per runway is included in the following priority: GPS, ILS, LOC, BC, VOR DME RNAV, VOR, NDB, TAC.
1348-14A2 CAN-EUR-LAM-SAM- USA-PAC	Contains airports (runways ≥ 2000 feet), VHF and NDB nav aids, enroute and terminal waypoints for Canada, Europe, Latin America, South America, United States and Pacific ARINC areas. Includes Jeppesen-sourced approaches (including circling approaches) for all runways, transitions and missed approach procedures. Also includes non-precision GPS and NDB overlay approaches and stand-alone GPS approaches. One approach per runway in USA and two approaches per runway in all other areas are included in the following priority: GPS, ILS, LOC, BC, VOR DME RNAV, VOR, NDB, TAC.
1348-14B2 AFR-EEU-EUR-PAC- MES-SPA	Contains airports (runways ≥ 2000 feet), VHF and NDB nav aids, enroute and terminal waypoints for Africa, Eastern Europe, Europe, Middle East, Pacific and South Pacific ARINC areas. Includes Jeppesen-sourced approaches (including circling approaches) for all runways, transitions and missed approach procedures. Also includes non-precision GPS and NDB overlay approaches and stand-alone GPS approaches. Two approaches per runway are provided using the highest priority in accordance with the following list: GPS, ILS, LOC, BC, VOR DME RNAV, VOR, NDB, TAC.
Dual Systems	Additional flashcard for second system in the same aircraft

UNS-1M SCN 22.x APPROACH PRIORITY: GPS, VOR DME RNAV, VOR, NDB, ILS, LOC and BC

Part Number & Geographic Area	Database Contents
1348-13W World 4000' Runways	Contains airports (runways ≥ 4000 feet), VHF and NDB nav aids, enroute and terminal waypoints for the World. Includes one approach per runway in the priority GPS, VOR DME RNAV, VOR, NDB, ILS, LOC, BC with transitions and missed approach procedures. Includes non-precision GPS and NDB overlay approaches and stand-alone GPS approaches. Does not include circling approaches and approaches having course changes greater than 6 degrees.

UNS-1M SCN 22.x APPROACH PRIORITY: ILS, LOC, BC, GPS, VOR DME RNAV, VOR and NDB

Part Number & Geographic Area	Database Contents
1348-13WI World 4000' Runways	Contains airports (runways ≥ 4000 feet), VHF and NDB nav aids, enroute and terminal waypoints for the World. Includes one approach per runway in the priority ILS, LOC, BC, GPS, VOR DME RNAV, VOR, NDB with transitions and missed approach procedures. Includes non-precision GPS and NDB overlay approaches and stand-alone GPS approaches. Does not include circling approaches and approaches having course changes greater than 6 degrees.

UNS-1M SCN 21.x

SCN Part Number & Geographic Area	Database Contents
SCN 21.x 1348-12 World	Includes airports (runways ≥ 4000 feet), VHF and NDB nav aids, enroute and terminal waypoints for the world, and one approach per runway (VOR DME RNAV or VOR) including transitions and missed approach procedures. Does not contain GPS, NDB, ILS LOC, BC or TACAN approaches.



