

No. 2797

Announcement of the Availability of TAWS Airport Database Updates

To: TAWS Operators

Subject: Availability of TAWS Airport Database Updates

NOTE: This Service Letter has been revised to inform customers of the magnetic variation table included in the Airport Database.

Application:

This Service Letter applies to TAWS, P/N 3010-0X-00.

Description:

Airport Database updates are available for installation into Universal Avionics TAWS Class A and B systems using SCN 10.5 and later. This database contains the latest airport features to increase the effectiveness of your TAWS installation. The Airport Database includes a magnetic variation table that expires every five years. Timely updating of the Airport Database ensures the magnetic variation table will be up to date in the TAWS system.

The Airport Database is updated every 28 days and is available on-line through the Universal Avionics website www.uasc.com. Database updates are field loadable by customers using a Universal Avionics FMS or through a personal computer with Universal Avionics Terminal Monitor Program P/N A12015 (part of K12078 kit on CD ROM) and a DTU-100 Zip disk drive or Solid State Data Transfer Unit (SSDTU).

Airport Database updates are available for download free of charge. For a one-year subscription of database updates, there is a charge of \$700.00 plus shipping for Zip disk (DTU-100), and \$1000.00 plus shipping for USB Memory sticks or SD card (SSDTU).

Loading Instructions:

NOTE: The DTU-100 and SSDTU will be referred to as DTU in the following instructions.

A. Load Database via UASC FMS and DTU

To load or update TAWS Airport Database refer to *TAWS 10.5 and Later Operator's Manual*, Report Number 34-40-01.03 or *TAWS SCN 12.X Operator's Manual*, Report Number 34-40-01.06.

B. Load Database via UASC Terminal Monitor Program and DTU

- (1) Connect an RS-232 cable to the TAWS RS-232 Monitor Port and the other end to a personal computer (PC).

The Terminal Monitor Program is only displayed on the PC.

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- (2) Start the PC.
- (3) Apply power to TAWS and the onboard DTU or connect a portable DTU and apply power.
- (4) On the PC initiate the Terminal Monitor Program.
- (5) From the Terminal Monitor menu enter **Page 30** to select the DTU Options page.
- (6) Insert the Airport Database into the DTU.
- (7) On the DTU Options page tab down to the **LOAD DB** command and press Enter. The DTU Options page will display the Version, Effectivity Date and CRC for the database that is being loaded.
- (8) On the DTU Options page tab down to the **CONTINUE** command and press Enter.
- (9) The loading process will begin.
When the database has finished loading, **LOAD COMPLETE** is displayed and after 10 seconds TAWS will begin rebooting.
- (10) After TAWS has completed rebooting and the Terminal Monitor Program is displayed, enter **Page 26** to select the **Misc. Data (SCNs, CRCs)** to verify that the Database and Effectivity Date of the database loaded is correct and no errors occurred during loading.
- (11) Disconnect and remove PC, Portable DTU (if applicable) and cables.