

Service Bulletin Number 3010.0X.0X-34-3681

Availability of TAWS Obstacle Database Updates

A. Effectivity

This Service Bulletin applies to Terrain Awareness and Warning System (TAWS), P/N 3010-0X-00 with SCN 12.X.

B. Compliance

Update of the TAWS Obstacle Database is optional.

C. Description

Obstacle Database updates are available for installation into TAWS Class A and B systems with SCN 12.0 and later. This database contains the latest obstacle features to increase the effectiveness of a TAWS installation.

The obstacle database is updated quarterly and field loadable by customers. This can be done with either a Universal Avionics FMS or personal computer with the Universal Serial Tool Program interfaced with either a DTU-100 or Solid State Data Transfer Unit (SSDTU).

Kits available:

- P12129 – DTU-100 Zip Disk kit
- P12130 – SSDTU USB Flash Drive kit
- K12073 – Configuration Module Editor kit (contains Universal Serial Tool Program)

TAWS Obstacle Database Field Loading Procedures, Report No. 34-40-14 is included in each kit. Database loading instructions are also located in the *TAWS Operator's Manual*, Report No. 34-40-01.06.

NOTICE

The Obstacle Database is intended for situational awareness and reference use only. It is not intended for actual aircraft navigation and does not include all obstacles in the world. The Obstacle Data contained in the Obstacle Database is compiled by Jeppesen Sanderson, Inc. and is based on information obtained from government and other publicly available sources for use in Universal Avionics TAWS systems. Due to space limitations in the TAWS unit, the obstacle database is filtered to remove any obstacle with a height above ground less than 50 feet. The TAWS systems with the Obstacle Database is not intended to provide navigational guidance, except for warnings to avoid hazardous terrain and/or obstacles, nor to relieve aircrews from following published navigation procedures, routes, altitude restrictions, and/or instructions from appropriate air traffic control agencies.

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D. Approval

TAWS Obstacle Database is approved to (E)TSO-C92c and (E)TSO-151b.

E. Weight and Balance

Not Applicable

F. Material – Cost and Availability

1. Universal Avionics will not be responsible for labor or other costs involved in removal and replacement of the unit. If the unit is under warranty Universal Avionics will pay the cost of return shipping (FedEx P2 only). Prior to shipping the unit, contact our Product Support Department for pricing, scheduling and shipping details.
2. TAWS Obstacle Database Customer Kits, part numbers P12129 and P12130 are available for \$900.00 plus shipping for a one time update or \$1800.00 plus shipping for an annual subscription (updated four times per year). Contact our Sales Administration to purchase.
3. If the TAWS unit is returned to Universal Avionics for the Obstacle Database update, the repair center will update the database. There is also a charge of \$850.00 to recertify the unit.
4. Available from: Sales Administration
Universal Avionics Systems Corporation
3260 E. Universal Way
Tucson, AZ 85756-5097
Ph: (520) 295-2300
Fax: (520) 295-2395
Email: info@uasc.com