Operator Bulletin

Operator Bulletin: 2011-01 Revision ( )

Effective Date: September 22, 2011

To: All Evolution Synthetic Vision users

From: Aspen Avionics Support

Subject: Known Issues with Evolution Synthetic Vision Terrain Database

Overview:

Thank you for your purchase of Evolution Synthetic Vision.

This Operator Bulletin is intended to provide background information regarding a known, temporary issue with the Jeppesen terrain data that is used to generate the Evolution Synthetic Vision view on your Aspen flight display.

Details

Evolution Synthetic Vision (ESV) is designed to provide a perspective view of the terrain ahead of the aircraft to a range of up to 40 nautical miles. The database is made up of a series of “tiles” that represent a set geographic area. As the aircraft flys along its path, the database renders the synthetic view in a manner to keep up with the 40 nm range.
The current high resolution Jeppesen terrain database used to render the Synthetic Vision view has coverage limited to the continental United States. When approaching the limits of the high resolution coverage zones, such as in certain coastal and border areas, the synthetic view may be unavailable.

As the aircraft approaches the edge of a database tile where there is no adjoining tile, e.g. along a coastline, the Synthetic Vision software may no longer have access to terrain data out to the 40 nm range limit, and therefore may disable the synthetic vision function. In most coastal areas of the U.S., synthetic vision will stop at the shoreline.

This issue does not affect the Nav Map terrain view.

We apologize for any inconvenience you may experience as a result of this database limitation, but know that we are working to resolve the issue as quickly as possible.

**Database Update Instructions**

Jeppesen will issue a revised terrain database that resolves this condition in Q4 2011. At that time, please contact your Aspen Avionics dealer for assistance with obtaining an updated database.