

Service Bulletin Number 3015.00.00-34-3523

Announcement of the Availability of Vision-1[®] Terrain Database 1202

A. Effectivity/Compatibility

This Service Bulletin is applicable to Vision-1 P/N 3015-00-00 configured with SCN 10.0 and later.

B. Description

A new Terrain Database has been released for installation in Universal Avionics Vision-1. This database contains the latest terrain feature updates to increase the effectiveness of Vision-1.

Vision-1 Terrain Database 1202 incorporates the following enhancements to Terrain Database 0903:

1. Higher quality source data were used to process Terrain Database 1202. Nearly all source data was replaced with higher quality data.
2. The new data sources also resolved issues at the following specific airports:
 - NZAA – Auckland International Airport, New Zealand
 - NZAR – Ardmore Airport, New Zealand
 - NZAP – Tupo Airport, New Zealand
 - NSFA – Faleolo International Airport, Samoa
 - NVVV – Bauerfield International Airport, Vanuatu
 - NCRG – Rarotonga International Airport, Cook Islands
 - NSTU – Pago Pago International Airport, American Samoa
 - NZQN – Queenstown Airport, New Zealand
 - NWWM – Noumea Magenta Airport, New Caledonia
 - YBCS – Cairns International Airport, Australia
 - SCRM – Teniente Rodolfo Marsh Martin, King George Island, Antarctica
 - NZPG – Pegasus Field, Antarctica
 - NZWD – Williams Field, Antarctica
 - NZIR – McMurdo Station, Ross Island, Antarctica
 - PADU – Unalaska Airport, Alaska

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- PAKW – Klawock, Alaska
 - PASN – St. Paul Island Airport, Alaska
 - PAAK – Atka Airport, Alaska
3. High Resolution Data Coverage: The 6 and 15 arc second data coverage was updated. The high-resolution data coverage was updated to include:
- 6 arc second data for a radius of at least two nautical miles for all US airports and any airports identified as being in a mountainous area or in an area of rugged terrain
 - 15 arc second data for a radius of at least seven nautical miles for all airports worldwide

NOTICE

This Terrain Database can be field loaded into Vision-1. Contact Universal Avionics to obtain database loading instructions and database disks or USB flash drives to load Terrain Database 1202.

Loading terrain databases into Vision-1 requires a Solid State Data Transfer Unit (SSDTU) (P/N 1408-00-X or 1409-00-2) or DTU-100 (P/N 1406-01-X or 1407-01-1) with Mod 1 marked on the nameplate.

For operators using a DTU-100 without Mod 1, the Vision-1 units should be sent to Universal Avionics for updating. The terrain database contains five disks with 450 Mb of data and takes over an hour to load. Because of this, DTU-100 units without Mod 1 may fail due to overheating causing the Vision-1 Terrain Database to become corrupted and the Vision-1 system unserviceable.

If the Vision-1 unit is returned to Universal Avionics for update of the terrain database or because of failure during field loading, the repair center will update the database and perform any modifications and updates to the unit.

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C. Compliance

Installation of Terrain Database 1202 is optional. Consideration should also be given to the length of time since the database was last updated. Each Terrain Database incorporates all changes and updates from the previous databases. The following is a list of previously released Terrain Databases and the respective Service Bulletin describing the changes made to each of the databases. The Service Bulletins can be found on our website www.uasc.com under the UniNet tab.

Database Cycle Number	Service Bulletin Number
0309	3107
0405	3120
0412	3173
0508	3194
0702	3261
0805	3294
0903	3336

D. Weight and Balance

No change

E. Material – Cost and Availability

1. Universal Avionics will not be responsible for labor or other costs involved in removal and replacement of the unit. Universal Avionics will pay the cost of return shipping (FedEx P2 only) if the unit is still under warranty. Prior to shipping the unit, contact our Product Support Department for pricing, scheduling and shipping details.
2. Terrain Database 1202 media is available at a price of \$250.00 plus shipping. Contact our Navdata Services Department to purchase.
3. If the Vision-1 unit is returned to Universal Avionics for update of the terrain database or because of failure during field loading, the repair center will update the database and perform all modifications and updates to the unit. There is a charge of \$500.00 to recertify the unit.
4. Available from: Universal Avionics Systems Corporation
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