



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

**Transport Airplane Directorate  
Los Angeles Aircraft  
Certification Office**

3960 Paramount Boulevard  
Lakewood, California 90712-4137

June 28, 2017

In reply refer to: 130L-17-172

Ms. Geanine Ballard  
Universal Avionics Systems Corp  
3260 E. Universal Way  
Tucson AZ 85756

Dear Ms. Ballard:

**TYPE 2 FAA LETTER OF ACCEPTANCE  
LOA0012LA**

The FAA has determined that Universal Avionics Systems Corporation complies with AC 20-153A and RTCA/DO-200A with regard to its processing of Obstacle Database data. Compatibility has been established with the InSight<sup>®</sup> Display System Components, as listed in Appendix B in RPRT-2017-1014, Rev-01, dated 27-Jun-2017, or latest FAA approved revision.

The following terms and conditions are applicable to this letter of acceptance:

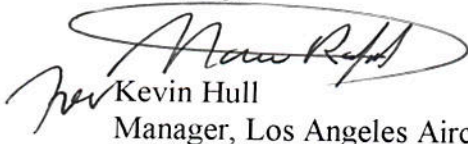
1. Universal Avionics Systems Corporation data quality requirements for the receipt of data from other sources, and for the delivery of data to its customers, are defined in Universal Avionics DQR-100002, Jeppesen Supplier Data Quality Requirements (DQR) for the UASC Insight EFIS Obstacle Database, and DQR-100005, Target Data Quality Requirements (DQR) for the UASC Insight EFIS Obstacle Database.
2. The Universal Avionics Systems Corporation procedures for processing data are defined in DPRP-100002, Data Processing Procedures (DPRP) for the UASC InSight EFIS Obstacle Database. Proper records must be maintained and configuration management guidelines established and followed in accordance with RTCA/DO-200A.
3. Reporting of Failures, Malfunctions, and Defects. Universal Avionics Systems Corporation must report to the FAA Los Angeles Aircraft Certification Office any failure, malfunction, or defect of the aeronautical data produced under this LOA having a potential safety effect on operational use of the data.
4. Maintain a Quality Management System (QMS). Universal Avionics Systems Corporation must maintain a QMS as described in RTCA/DO-200A, section 2.5. Changes to the QMS affecting the data quality objectives must be reported to the FAA Los Angeles Aircraft Certification Office for acceptance prior to implementation.

5. Design Changes

- a. Universal Avionics Systems Corporation must submit minor changes to the data quality requirements, the data processing standards, or the QMS to the FAA Los Angeles Aircraft Certification Office in accordance with procedures described within Universal documents SOP-ENG-DB-07.01 Aeronautical Database Development and Sustainment, and CP-100003, RTCA/DO-200A Compliance Plan for the UASC InSight EFIS NAV Reference Database. All other changes are considered major, and must be substantiated and accepted prior to implementation in the same manner as the original LOA.
  - b. Upon receipt of notification by the FAA Los Angeles Aircraft Certification Office that an unsafe condition exists in a database product supplied under this LOA, Universal Avionics Systems Corporation shall develop corrective action and submit it to the FAA Los Angeles Aircraft Certification Office for approval. Universal Avionics Systems Corporation shall expedite distribution of the approved corrective action to customers and users.
6. Universal Avionics Systems Corporation must perform periodic internal audits as described in RTCA/DO-200A, section 3, with a maximum time between audits of not more than one year. Audits may be total or conducted incrementally, as long as you audit all the objectives at least annually. Any major non-conformities as described in RTCA/DO-200A, section 3.4 must be reported to the FAA Los Angeles Aircraft Certification Office. Additionally, the FAA may perform periodic audits.
  7. Universal Avionics Systems Corporation must advise its customers of the status of its LOA as well as the status of LOAs (or foreign acceptance, including designation of the foreign authority acknowledging the foreign source's compliance to RTCA/DO-200A and the means of approval or acceptance) for all previous chain participants (up to, but not including, a State's AIP). The method must be timely to ensure that customers can react to changes in the status of its LOA.
  8. Universal Avionics must provide a release statement with each database distribution to broadcast LOA status, state their compliance, and provide information on known deviations and modifications.

If further information concerning this project is needed, please contact the FAA's point of contact Mr. Huey Ton, Project Manager of Los Angeles Aircraft Certification Office. Mr. Ton can be reached by telephone at 1-562-627-5320 or by email at [Huey.Ton@faa.gov](mailto:Huey.Ton@faa.gov).

Sincerely,



Kevin Hull

Manager, Los Angeles Aircraft Certification Office