



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

Aviation Safety

**Compliance & Airworthiness Division  
Los Angeles ACO Branch**  
3960 Paramount Boulevard, Suite 100  
Lakewood, CA 90712-4137

September 17, 2019

In reply refer to: 790-19-10286

Universal Avionics Systems Corporation  
Attn: Ms. Geanine Ballard  
3260 E. Universal Way  
Tucson AZ 85756

TYPE 2 FAA LETTER OF ACCEPTANCE  
LOA0016LA

Dear Ms. Ballard:

The Federal Aviation Administration (FAA) has verified Universal Avionics Systems Corporation (UA) meets the objectives of AC 20-153B Section 3.1 for using an alternative means of compliance based on AC 20-153A and RTCA/DO-200A with regard to processing of the SVS Periodic Navigation and Obstacle data. Compatibility has been established with the ClearVision™ System SVS Periodic Database, RPRT-10207, Revision 01, dated 11-Sep-2019, or latest FAA approved revision.

The following terms and conditions are applicable to this Letter of Acceptance (LOA), are not transferable, and are effective until surrendered or withdrawn by the holder, or terminated by the FAA:

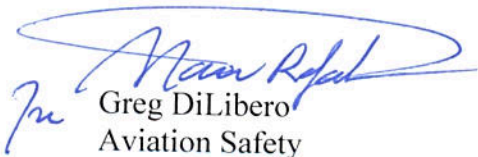
1. UA's data quality requirements for the receipt of data from other sources, and for the delivery of data to its customers, are defined in Universal Avionics 039035E-00, *DQR of EFVS DB for Jeppesen*, 033902E-00, *Synthetic Vision System Functional Requirements Specification*, 045252E-00, *Loader Functional Requirements Specification*, and 045251E-00, *Maintenance Function Segment Specification*.
2. The UA's procedures for processing data are defined in 041771E-01, *SVS Periodic DB Preparation Proc.* and 042101E-01, *End User Periodic DB Distribution Procedure*.
3. Reporting of Failures, Malfunctions, and Defects. UA must report to the FAA Los Angeles ACO Branch 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). UA 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 ACO Branch for acceptance prior to implementation.

5. Design Changes

- a. UA must submit minor changes to the data quality requirements, the data processing standards, or the QMS to the FAA Los Angeles ACO Branch in accordance with procedures described within UA documents SOP-ENG-DB-07.01, *Aeronautical Database Development and Sustainment* and T676-AERO-A, *Compliance with Aeronautical Database Approval Process*. 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 ACO Branch that an unsafe condition exists in a database product supplied under this LOA, UA must develop corrective action and submit it to the FAA Los Angeles ACO Branch for acceptance. UA must expedite distribution of the accepted corrective action to customers and users.
6. UA 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 ACO Branch. Additionally, the FAA may perform periodic audits.
  7. UA must provide a release statement with each database distribution to broadcast LOA status, state their compliance, and provide information on known deviations and modifications.
  8. UA 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.

If further information concerning this project is needed, please contact the FAA's point of contact Mr. Thanh Tran, Project Manager of the System and Equipment Section. Mr. Tran can be reached by telephone at 1-562-627-5304 or by email at [Thanh.B.Tran@faa.gov](mailto:Thanh.B.Tran@faa.gov).

Sincerely,



Greg DiLibero  
Aviation Safety  
Manager, Los Angeles ACO Branch