



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

Compliance & Airworthiness Division
Los Angeles ACO Branch
3960 Paramount Boulevard
Lakewood, California 90712-4137

April 20, 2018

In reply refer to: 790-18-3986

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

Dear Ms. Ballard:

TYPE 2 FAA LETTER OF ACCEPTANCE

LOA0014LA

The Federal Aviation Administration (FAA) has determined that Universal Avionics Systems Corporation (UASC) meets the objective 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 its processing of Electronic Chart Database (eChart) data. Compatibility has been established with the InSight[®] Display System Components, as listed in Table 1 and Appendix E in RPRT-2017-1014, Rev-03, dated 14-Mar-2018, 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are applicable to this Letter of Acceptance (LOA), are not transferable, and are effective until surrendered or withdrawn by the holder, or terminated by the FAA:

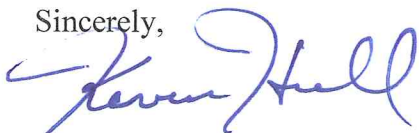
1. UASC's data quality requirements for the receipt of data from other sources, and for the delivery of data to its customers, are defined in Universal Avionics DQR-100010, Data Quality Requirements for the UASC Insight EFIS Electronic Chart Database.
2. The UASC's procedures for processing data are defined in CP-100004, RTCA/DO-200A Compliance Plan for the UASC InSight EFIS Electronic Chart Database.
3. Reporting of Failures, Malfunctions, and Defects. UASC 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). UASC 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. UASC 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 UASC documents SOP-ENG-DB-07.01, Aeronautical Database Development and Sustainment; and CP-100004, RTCA/DO-200A Compliance Plan for the UASC InSight EFIS Electronic Chart 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 ACO Branch, that an unsafe condition exists in a database product supplied under this LOA, UASC shall develop corrective action and submit it to the FAA Los Angeles Aircraft Certification Office for acceptance. UASC shall expedite distribution of the accepted corrective action to customers and users.
6. UASC must perform periodic internal audits as described in AC 20-153B Section 3.1, and 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 as appropriate.
 7. 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.
 8. UASC 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 Contracting 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 letter is needed, please contact the FAA's point of contact Mr. Huey Ton, Project Manager of Los Angeles ACO Branch. Mr. Ton can be reached by telephone at 1-562-627-5320 or by email at Huey.Ton@faa.gov.

Sincerely,



Kevin Hull
Manager, Los Angeles ACO Branch