



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

Aviation Safety
Aircraft Certification Service
Compliance & Airworthiness Division

West Certification Branch
3960 Paramount Boulevard, Suite 100
Lakewood, CA 90712-4102

Date: See digital signature

In Reply
Refer To: 776-25-00372

Mr. Wayne J. Fisch
Universal Avionics Systems Corp
3260 E. Universal Way
Tucson, AZ 85756

TYPE 2 FAA LETTER OF ACCEPTANCE (LOA)

LOA0012LA

Dear Mr. Fisch:

The Federal Aviation Administration (FAA) has reviewed and verified that Universal Avionics Systems Corporation (UASC) meets the objective of Advisory Circular (AC) 20-153B Section 3.1 for using an alternate means of compliance based on AC 20-153A and Radio Technical Commissions for Aeronautics (RTCA) DO-200A with regard to its processing of Obstacle data. Compatibility has been established with the InSight Display System Components, as listed in Table 1 in RPRT 2017-1014, Revision 17, dated March 5, 2025; or the latest FAA approved revision.

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following terms and conditions are applicable to this LOA, are not transferable, and are effective until surrendered or withdrawn by the holder, or terminated by the FAA:

1. UASC 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-100005, *Target Data Quality Requirements for the InSight™ EFIS Obstacle Database* and DQR-100002 *Jeppesen Supplier Data Quality Requirements for the UASC InSight EFIS Obstacle Database*.
2. The UASC procedures for processing data are defined in CP-100002, *RTCA DO-200A Compliance Plan for the InSight EFIS Obstacle Database*.

3. Reporting of Failures, Malfunctions, and Defects. UASC must report to the FAA West Certification 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 West Certification 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 West Certification Branch in accordance with procedures described within Universal documents SOP-ENG-DB-07.01 *Aeronautical Database Development and Sustainment*, and CP-100002. 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 West Certification 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 West Certification Branch for approval. UASC shall expedite distribution of the approved corrective action to customers and users.
6. UASC must perform periodic internal audits as described in AC 20-153B, Section 3.1, with a maximum time between audits of not more than one (1) 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 West Certification Branch. Additionally, the FAA may perform periodic audits.
7. 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.

8. The UASC 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. Gerardo C. Arca, Project Manager, of the West Certification Branch. Mr. Arca can be reached by telephone at (562) 627-5366 or by email at Gerardo.C.Arca@faa.gov.

Sincerely,

for Gregory S. DiLibero
Manager, West Certification Branch
Compliance & Airworthiness Division
Aircraft Certification Service