



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

Compliance & Airworthiness Division
Central Certification Branch
1801 Airport Road, Room 100
Wichita, Kansas 67209

Dated: See Digital Signature

Reply to: 24-DOC-55074

Mr. Sean Timp
FAA Coordinator
Rockwell Collins, Inc.
400 Collins Road NE
Cedar Rapids, IA 52498

Subject: Request for New Type 2 Letter of Acceptance for Rockwell Collins Aeronautical Data Process for ROAAS Airport Runway Databases and request to close FAA Type 2 LOA Audit

Reference: Rockwell Collins letter 24-151-R1 dated 17 April 2025, Request for New Type 2 Letter of Acceptance for Rockwell Collins Aeronautical Data Process for ROAAS Airport Runway Databases and request to close FAA Type 2 LOA Audit, Rockwell Collins Package #43622

Dear Mr. Timp:

TYPE 2 FAA LETTER OF ACCEPTANCE

The FAA has verified Rockwell Collins meets the objectives of AC 20-153B with regard to its processing of Airport Runway Database data. For this Type 2 Letter of Acceptance (LOA), compatibility has been established with the avionics systems identified in List of Applicable Part Numbers, dated 3 March 2025.

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following terms and conditions are applicable to this LOA, are not transferable, and are effective until surrendered or withdrawn by the holder, or terminated by the FAA: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. Rockwell Collins' data quality requirements for the receipt of data from other sources, and for the delivery of data to its customers, are defined in Rockwell Collins documents *NavData Data Quality Requirements Document for Collins 18 Delivery* (CPN 963-6747-004 Rev. A) and *Rockwell Collins Data Quality Requirements Document for "ARINC 424 Version 19" Delivery* (CPN 946-0331-006 Rev. -), respectively.
2. Rockwell Collins' procedures for processing data are defined in Rockwell Collins document *Aeronautical Data Team Processing Procedures* (CPN 946-1M82-001 Rev. K).
3. Reporting of Failures, Malfunctions, and Defects. Rockwell Collins must report to the FAA Central Certification Branch (CCB) 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). Rockwell Collins must maintain a QMS as described in RTCA/DO-200B, section 2.5. Changes to the QMS affecting the data quality objectives must be reported to the FAA CCB/Minneapolis Certificate Management Section (CMS) for acceptance prior to implementation.
5. Design Changes
 - a. Rockwell Collins must submit minor changes to the data quality requirements, the data processing standards, or the QMS to the FAA CCB in accordance with procedures described within Rockwell Collins document *Aeronautical Data Team Quality Management Procedures* (RCPN 946-1M83-001 Rev. D). 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 CCB of an unsafe condition existing in a database product supplied under this LOA, Rockwell Collins shall develop a corrective action and submit it to the FAA CCB for acceptance. Rockwell Collins shall expedite distribution of the accepted corrective action to customers and users.
6. Rockwell Collins must perform periodic internal audits of both AC 20-153B and RTCA/DO-200B as described in RTCA/DO-200B, 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-200B, section 3.4 must be reported to the FAA CCB. Additionally, the FAA may perform periodic audits in accordance with procedures described within Rockwell Collins document *Design Quality Assurance* (ET-DAC-P-001).
7. Rockwell Collins 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. Rockwell Collins must advise 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-200B and the means of approval or acceptance) for all previous chain participants (up to, but not including a Contracting State's Aeronautical Information Publication). The method must be timely to ensure customers can react to changes in the status of its LOA.

Additionally, the FAA has verified Rockwell Collins response ROAAS Type 2 LOA Audit Report and enclosed documentation provided in Appendix A and B of subject letter. Please consider the ROAAS Type 2 LOA Audit findings closed out.

Sincerely,

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ACHARYA

Digitally signed by
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Date: 2025.05.06
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For Paul (Vu) Nguyen
Manager, Central Certification Branch
Compliance & Airworthiness Division
Aircraft Certification Service

cc: Minneapolis CMS