



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

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

August 17, 2021

Reply to: 7K0-21-11291

Mr. Robert C. Godsy  
GARMIN International Inc.  
1200 East 151st Street  
Olathe, KS 66062

Subject: Request for new (RTCA/DO-200B) Type 2 Letter of Acceptance (LOA) for  
Garmin's aeronautical SafeTaxi airport map database process

Reference: Garmin Type 2 SafeTaxi airport map database LOA request letter dated August  
20, 2020 to Wichita ACO

Dear Mr. Godsy,

### **TYPE 2 FAA LETTER OF ACCEPTANCE**

The FAA has determined that Garmin International (Garmin) meets the objectives of AC 20-153B with regards to their processing of SafeTaxi airport map data. Compatibility has been established with the avionics systems identified in the RTCA/DO-200A/B List of Applicable Avionics Systems, 190-01999-00, Rev. L, dated August 12, 2021 or later FAA approved revisions.

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are applicable to this Letter of Acceptance (LOA), are not transferable, and are effective until surrendered or withdrawn by the holder, or terminated by the FAA: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. The Garmin International data quality requirements for the receipt of data from other sources, and for the delivery of data to their customers, are defined in Garmin document G2CD Data Quality Requirements (005-00210-17).
2. The Garmin International procedures for processing data are defined in Garmin documents G2CD SafeTaxi Database Process Requirements (005-00619-18) and SafeTaxi Database Release Procedures (005-00619-15).
3. Reporting of Failures, Malfunctions and Defects. Garmin International must report to the FAA Wichita 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). Garmin International must maintain a quality management system as described in RTCA/DO-200B, section 2.5. Changes to the QMS that may affect the data quality objectives must be reported to the FAA Wichita ACO Branch before implementation.
5. Design Changes.
  - a. Garmin International must submit minor changes to the data quality requirements, the data processing standards, or the quality management system to the FAA Wichita ACO Branch in accordance with procedures described within Garmin standard operating practice Aircraft Appliance Approval (SOP-044). All other changes are considered major, and must be substantiated and accepted prior to implementation in the same manner as that for the original LOA.
  - b. Upon receipt of notification by the FAA Wichita ACO Branch that an unsafe condition exists in a database product supplied under this LOA, Garmin International shall develop corrective action and submit it to the FAA Wichita ACO Branch for approval. Garmin International shall expedite distribution of the approved corrective action to customers and users.
6. Garmin International must perform periodic internal audits of both AC 20-153B and RTCA/DO-200B as described in RTCA/DO-200B, section 3, with the maximum time between audits (whether total or incremental) of not more than one year. Any major non-conformities as described in RTCA/DO-200B, section 3.4 must be reported to the FAA Wichita ACO Branch. Additionally, the FAA may perform periodic audits in accordance with procedures described within Garmin document G2CD Quality Management Plan and Procedures (005-00210-13).
7. This LOA applies to SafeTaxi airport map databases only, and does not apply to other aviation databases produced by Garmin.
8. Garmin International must provide a release statement with each database distribution to broadcast LOA status, state their compliance, and provide information on known deviations and modifications.
9. Garmin International 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 AIP). The method must be timely to ensure customers can react to changes in the status of its LOA.
10. This LOA assumes that Garmin International's customers will access the Garmin web site for LOA status and data alerts.

Sincerely,

Daniel S. Hilton  
Manager, Electrical/Avionics Section  
Wichita ACO Branch

Cc: Wichita MIDO