



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 30, 2022

In reply refer to: 791-22-00228

Honeywell International Inc.  
Attn: Mr. Erik Ringnes  
21111 N 19<sup>th</sup> Ave  
Phoenix, AZ 85027

Dear Mr. Ringnes:

TYPE 2 FAA LETTER OF ACCEPTANCE  
LOA0001LA Revision 3

Honeywell International Inc. (Deer Valley) is compliant with the objectives of Advisory Circular 20-153B and RTCA/DO-200B by utilizing the alternative means of compliance using AC 20-153A and RTCA/DO-200A with regard to its processing of navigation data. **This data may include tailored data not originating from a state authority. For this data, the end user must satisfy itself for suitability with intended use. Approaches restricted to authorized users designed by third party non-Type 1 LOA holders may be included in the database as long as these approaches are FAA approved.** Compatibility has been established with the Flight Management Systems identified in Document, FMS Part Number Matrix, 6510-153, Revision "-----", dated January 3, 2005, or later FAA approved revision.

The following terms and conditions are applicable to this letter of acceptance:

1. Honeywell International Inc. data quality requirements for the receipt of data from other sources, and for the delivery of data to their customers, are defined in Honeywell Data Quality Requirement C72-2004-001, C72-2005-001, C72-2005-002 and Compiler Requirements Document 5780-317 through 331, respectively.
2. Honeywell International Inc. procedures for processing data are defined in the Honeywell DO-200A Compliance Plan C72-1357-225 and the NavDB Work Instructions 6510-1 through 999.
3. Reporting of Failures, Malfunctions, and Defects. Honeywell International Inc. must report to the FAA Los Angeles Aircraft Certification Office (ACO) Branch and Phoenix Manufacturing Inspection District Office (MIDO) Section any failure, malfunction, or defect of the aeronautical data produced under this LOA that may have any safety effects on operational use of the data. In addition, Honeywell International Inc. must report any major non-conformities or non-compliances as applicable in the RTCA/DO-200A to the Los Angeles ACO Branch and Phoenix MIDO Section.
4. Maintain a Quality Management System (QMS). Honeywell International Inc. must maintain a quality management system as described in RTCA/DO-200A,

section 2.5. Changes to the QMS that may affect the data quality objectives must be reported to FAA Los Angeles ACO Branch and Phoenix MIDO Section before implementation.

5. Design Changes.

- a. Honeywell International Inc. must submit minor changes to the data quality requirements, the data processing standards, or the quality management system to the FAA Los Angeles ACO Branch in accordance with procedures described within Honeywell DO-200A Compliance Plan C72-1357-225. 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 Los Angeles ACO Branch and/or Phoenix MIDO Section that an unsafe condition exists in database product supplied under this LOA. Honeywell International Inc. shall develop corrective action and submit it to the FAA Los Angeles ACO Branch and/or Phoenix MIDO Section for approval. Honeywell International Inc. shall expedite distribution of the approved corrective action to customers and users.

6. Honeywell International Inc. (Deer Valley) must perform periodic internal audits of:

- a. AC 20-153B objectives 1-14, 1-15, 1-16, 2-2, 2-3, 2-4, and 2-5;
- b. AC 20-153A; and
- c. RTCA/DO-200A

as described in RTCA/DO-200A, section 3, with a maximum time between audits (whether total or incremental) of not more than one year. Any major non-conformities or non-compliances as described in RTCA/DO-200A, section 3.4 must be reported to the FAA Los Angeles ACO Branch and Phoenix MIDO Section. Additionally, the FAA may perform periodic audits in accordance with procedures described within Honeywell's Supplemental Product Development Quality Assurance Plan for NavDB C67-0210-004.

7. Honeywell International Inc. must notify their customers of the status of their LOA as well as the status of LOAs (or foreign acceptance, including designation of the foreign authority that acknowledges 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 Aeronautical Information Publication). The method must be timely to ensure that customers can react to changes in the status of their LOA.
8. Honeywell International Inc. must notify the FAA Los Angeles ACO Branch and Phoenix MIDO Section when they no longer comply with conditions of the LOA.
9. The LOA is not transferable and is effective until surrendered or withdrawn by Honeywell International Inc., or terminated by the FAA.

If further information concerning this project is needed, please contact the FAA

Los Angeles ACO Branch's Program Manager for Honeywell International Inc. He can be reached by email at [Charles.toliver@faa.gov](mailto:Charles.toliver@faa.gov) or by telephone at (562) 627-5367.

Sincerely,

Mansour Rafat  
Aviation Safety  
Manager, Systems & Equipment Section  
Los Angeles Aircraft Certification Office Branch

Cc: Phoenix MIDO Section, Erik Ringnes (Honeywell), Brad Miller (AIR-622)