



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

Aircraft Certification Service
Compliance & Airworthiness Division

Chicago ACO Branch
2300 East Devon Avenue, Rm 107
Des Plaines, IL 60018

July 16, 2021

Mr. Frederick Hall
GE Aviation Systems
3290 Patterson Avenue, SE
Grand Rapids, MI 49512-1991

Dear Mr. Hall:

This letter is response to your letter dated June 17, 2021, requesting an update to the Type 2 Letter Of Acceptance (LOA). The FAA has verified GE Aviation meets the objectives of AC 20-153B and RTCA/DO-200B with regard to its processing of navigation data. For this Type 2 LOA, compatibility has been established with the systems identified in GE Aviation Navigation Database Flight Management System Part Number Matrix, Document YV3825, Revision G, dated May 17, 2021, or latest FAA accepted 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following terms and conditions are applicable to this LOA, are not transferable, and are effective until surrendered or withdrawn by the holder, or terminated by the FAA: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. The GE Aviation Type 2 LOA system is defined by the following documents:

Document Number	Rev	Date	Document Title
ED5086	E	5/25/21	D0-200 Compliance Plan for the Navigation Database Update Service
ED5229	B	6/23/20	Quality Assurance Plan for the Navigation Database Update Service
ED5235	D	5/27/21	Tool Qualification Plan for the Navigation Database Update Service
ED5236	A	12/18/19	Competencies Management and Training Plan for the Navigation Database Update Service
ED5241	B	1/22/21	Configuration Management Plan for the Navigation Database Update Service
ED5242	B	5/8/20	System Configuration and Security Plan for the Navigation Database Update Service
ED5249	A	12/18/19	Data Quality Requirements Coordination Plan for the Navigation Database Update Service
ED5250	A	12/18/19	Data Supplier Coordination Plan for the Navigation Database Update Service

ED5251	A	12/18/19	Issue Plan for the Navigation Database Update Service
ED5252	A	12/18/19	Data Processing Plan and Procedures for the Navigation Database Update Service
ED5275	-	12/18/19	Review Plan for the Navigation Database Update
UM1565	B	2/8/21	Navigation Database User's Manual
LA1362	W	1/8/21	Data Quality Requirements for the Navigation Database Packing Program
LA1737	B	1/15/21	DAFIF Data Quality Requirements for the Navigation Database Packing Program

2. Reporting of Failures, Malfunctions, and Defects. GE Aviation must report to the FAA Chicago 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.
3. Design Changes.
 - a. GE Aviation must submit minor changes to the data quality requirements, the data processing standards, or the quality management system to the Chicago ACO Branch in accordance with procedures described within GE Aviation ED5086, Revision E, dated May 25, 2021, or later accepted revision. 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 Chicago ACO Branch of an unsafe condition existing in a database product supplied under this LOA, GE Aviation shall develop a corrective action and submit it to the Chicago ACO Branch for acceptance. GE Aviation expedite distribution of the accepted corrective action to customers and users.
4. GE Aviation 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 Chicago ACO Branch. Additionally, the FAA may perform periodic audits.
5. GE Aviation must provide a release statement with each database distribution to broadcast LOA status, state their compliance and provide information on known deviations and modifications.
6. GE Aviation 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.

If you have any questions, please contact Mr. Jeffrey Kuen, Senior Avionics Engineer at (847) 294-7125, fax (847) 294-7834, email jeffrey.kuen@faa.gov.

Sincerely,

for

Timothy P. Smyth
Manager, Chicago ACO Branch