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6 October 2022

RC-22-022

Department of Transportation
 Federal Aviation Administration
 Wichita Aircraft Certification Office
 1801 Airport Road, Room 100
 Mid-Continent Airport
 Wichita, KS 67209

WTS# 22-DOC-26192



Attention: Ms. Nhien Hoang, Aerospace Engineer EE

Subject: Request for Minor Change to Type 2 Letter of Acceptance for Rockwell Collins Aeronautical Data Process for Obstacle Databases, Rockwell Collins Package #42531

- Reference:
- (A) FAA / Rockwell Collins Type 2 LOA Audit, 31 July to 2 August 2018, Audit Team of Brad Miller (FAA), Nhien Hoang (FAA), Paul Rau (FAA)
 - (B) Rockwell Collins Letter dated 6 April 2020, Request for New Type 2 Letter of Acceptance for Rockwell Collins Aeronautical Data Process for Obstacle Databases (RC 41289)
 - (C) FAA Letter dated 1 May 2020, Type 2 FAA Letter of Acceptance (LOA) for Ref. (B)
 - (D) Rockwell Collins Letter dated 16 April 2021, Request for use of approved Type 2 Letter of Acceptance for AFD-3730, AFD-3740 and AFD-3760 for Obstacle Databases with FAA Acknowledgement Stamp dated 22 April 2021 (RC 41910)
 - (E) Minor Change and TSO Upgrade (Major Change) Letter for the Rockwell Collins SVM-6110H Synthetic Vision Module with Integrated HUD, dated 10 August 2022 (RC 42395)
 - (F) FAA Approval Letter, dated 15 September 2022 for Ref. (E)
 - (G) CD-ROM, Type 2 LOA Submittal for the Obstacle Databases, dated 6 October 2022, containing software documents

Dear Ms. Hoang:

Rockwell Collins is applying for a minor change to our Type 2 Letter of Acceptance (LOA) for our aeronautical data process. We meet the objectives of AC 20-153B and RTCA DO-200B and request your review of the enclosed data submitted in support of this application. We currently hold an FAA approved Type 2 Letter of Acceptance (LOA), Ref. (B) and Ref. (C), for the processing of aeronautical data for the Obstacle Database received from our Type 1 LOA holder, Jeppesen (Jepp) as well as another Rockwell Collins Type 2 LOA database (High Resolution Terrain Database).

This letter is a request for an updated LOA that recognizes revisions to the team procedures and the list of equipment compatible with the DQRs necessary to support the intended function. A brief description of the change and the change classification for each updated artifact is provided in Appendix B. Acceptance of our aeronautical data process is requested based on the specification and control of the data quality requirements, compliance with AC 20-153B and the compatibility of the delivered data with the following additional equipment.

Database	Equipment Type	SCID P/N	Equipment P/N	Jeppesen	Lufthansa	RC Terrain
Obstacle	SVM-6110H	964-5741-002	822-2539-501	X	N/A	X

Rockwell Collins has established compatibility with the equipment based on the original design documentation approved under the original TSO authorization, Refs. (E) through (F). The full list of compatible equipment can be found in the List of Part Numbers and Suppliers for Obstacle Database, dated 5 July 2022. Compatibility has also been established under EASA Type Certification. Compilation of data to the compatible format is accomplished using Rockwell Collins Obstacle Database Tool. This tool did not change for this LOA submittal.

We developed the data at Rockwell Collins, 400 Collins Road NE, Cedar Rapids, IA 54298. Rockwell Collins hereby certifies that the Data Quality Requirements, Data Processing Procedures, and Quality Management System are in accordance with RTCA/DO-200B, section 2, and we produce obstacle data in accordance with this system.

Your efforts in support of this request are most appreciated.

Sincerely,

Sean M. Timp

Digitally
signed by
**Sean
Timp**
Date:
2022.10.06
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