



**Sean M. Timp**  
FAA Coordinator 124-301  
Regulatory Compliance



400 Collins Road NE  
Cedar Rapids, IA 52498  
319.263.1727 Fax 319.295.3661  
Sean.Timp@rockwellcollins.com

16 April 2021

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

WTS# 21-DOC-06767



Attention: Ms. Nhien Hoang, Aerospace Engineer EE

Subject: Request for use of approved Type 2 Letter of Acceptance for AFD-3730, AFD-3740 and AFD-3760 for High Reliability Terrain Database (HRTDb), Rockwell Collins Package #41907

- 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 7 April 2020, Request for New Type 2 Letter of Acceptance for Rockwell Collins Aeronautical Data Process for High Reliability Terrain Database (HRTDb) (RC 41290)
  - (C) FAA Letter dated 1 May 2020, Type 2 FAA Letter of Acceptance (LOA) for Ref. (B)
  - (D) Conformance Statement for the Rockwell Collins AFD-3730 Adaptive Flight Display, dated 11 March 2020 (RC 40824)
  - (E) FAA Approval Letter, dated 28 March 2020 for Ref. (D)
  - (F) Conformance Statement for the Rockwell Collins AFD-3740 Adaptive Flight Display, dated 19 November 2020 (RC 41662)
  - (G) FAA Approval Letter, dated 17 December 2020 for Ref. (F)
  - (H) Conformance Statement for the Rockwell Collins AFD-3760 Adaptive Flight Display, dated 19 November 2020 (RC 41663)
  - (I) FAA Approval Letter, dated 18 December 2020 for Ref. (H)

Dear Ms. Hoang:

Rockwell Collins currently holds a Type 2 Letter of Acceptance (LOA) that acknowledges compliance with Advisory Circular AC 20-153B regarding aeronautical data processing, Refs. (B) and Ref. (C). The acceptance of this LOA is based upon compatibility with specific equipment. Rockwell Collins maintains a list that identifies systems for which compatibility has been established. We are requesting your concurrence to use an updated list of systems.

List of Top Level Part Numbers That Use High Resolution Terrain Database (HRTDb), dated 14 June 2019 has been previously submitted to your office and approved, Ref. (B) and Ref. (C). List of Top Level Part Numbers That Use High Resolution Terrain Database (HRTDb), dated 17 March 2021 is being submitted to your office with this package.

The updated list recognizes the new AFD-3730 Adaptive Flight Display which has been submitted to and approved by your office, Ref. (D) and Ref. (E). The updated list also recognizes the new AFD-3740 Adaptive Flight Display which has been submitted to and approved by your office, Ref. (F) and Ref. (G). In addition, the updated list also recognizes the new AFD-3760 Adaptive Flight Display which has been submitted to and approved by your office, Ref. (H) and Ref. (I). A complete summary of the additions is identified in the table below.

Database	Equipment Type	SCID P/N	Equipment P/N	State Data	Jeppesen Data
SFC HRTDb	AFD-3730	946-8187-003	822-3547-001	X	X
SFC HRTDb	AFD-3740	946-8187-003	822-3604-001	X	X
SFC HRTDb	AFD-3740	946-8187-003	822-3604-201	X	X
SFC HRTDb	AFD-3760	946-8187-003	822-3605-001	X	X
SFC HRTDb	AFD-3760	946-8187-003	822-3605-201	X	X

The documentation to support these changes is listed in Appendix A. There have been no changes to the databases themselves or the methodology used to create them. RCI continues to produce database types previously granted Type 2 acceptance.

Please note your concurrence of this request for a minor LOA change with your FAA Acknowledgement Stamp. If you have any questions or require additional information, please let me know.

Sincerely,

Sean M. Timp

**Sean**  
**Timp**

Digitally signed  
by Sean Timp  
Date:  
2021.04.16  
10:41:35 -05'00'

**Appendix A**

**NOTE:** The following documents are available upon request.

**Document No.**

**Document Title**

No RCPN, No Rev.

List of Top Level Part Numbers That Use High Resolution Terrain Database (HRTDb), dated 17 March 2021

946-1P43-001, Rev. D

Configuration Index Drawing for the Aeronautical Data Team, dated 1 April 2021