



Recommended and Required Avionics Version List

DATA COMMUNICATIONS INTEGRATED SERVICES (DCIS)
L3Harris Technologies
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Description:

The Recommended and Required Avionics Version List (RAV-E) contains the compatible avionics configurations for aircraft using U.S. Domestic En Route CPDLC services. Below there are two separate lists, the first one is for the mainline carrier's aircraft types and the second one is for the business and general aviation (GA) aircraft types. For more information on how to read the tables below, please see the *"Verification of Avionics Configurations: U.S. Domestic En Route CPDLC"* document that is also listed on our website under 'Data Comm Resources' located directly under this document.

Aircraft	CMU/Equivalent for MF VDL Mode 2	VDR for MF VDL Mode 2	Minimum FMS version	Minimum FMS version (DCL Only)
Boeing 737	Honeywell Mark II+ Core SW 998-6063- 522 or 523 with working DOC Data function Rockwell Collins CMU900-151 Core 16 (Due to COVID-19 delays, Core 12 or 14 permitted until TBD)	<u>Honeywell:</u> VHF RTA-44D w/SB 064-50000-2001 VHF RTA- 50D <u>Rockwell Collins:</u> VHF 2100: w/SB501 VHF-920: P/N 822-1250-002 w/SB16 or 822-1250-020 w/SB17 VHF-2100: P/N 822-1287-101/180 w/SB7 or 822-1287-121 or 141 VHF-2200: P/N 822-2763- 020 or 050	U11 or greater U12 or greater	
Boeing 747-8	Rockwell Collins CMU900-151 ATN 203 (Due to COVID-19 delays, Current version permitted until TBD)		NG-FMS BP4.0 (or later)	Available at EIS All FMS Versions
Boeing 747-400	Honeywell Mark II+ Core SW 998-6063- 522 or 523		PEG I with procedural mitigation PEG I with Point Fix (Expected Feb '21) PEG II	PEG I
Boeing 767/757	Rockwell Collins CMU900-151 Core 16 (Due to COVID-19 delays, Core 12 or 14 permitted until TBD)			
Boeing MD-11			BPV 17B	BP17 and above
Boeing 777	BPV 17B		CMF BPV6	Available at EIS BPV4 (or later)
Boeing 787	CMF BPV6		Honeywell Epic CMF 3.4	
Airbus A300	Honeywell Epic CMF 3.4			
Airbus A220 (CS100)	RIU-4010: P/N 822-1863- 615 or 616	VHF-4000: CPN 822-1468- 390	ProLine Fusion: V8A with pilot training or P/N 810-0163-2B0004 V8A.2 available soon P/N 810-0163-2B0006	
Airbus A320	ATSU CSB 7.5, CSB9.X (Due to COVID-19 delays, CSB7.2 or CSB7.4, permitted until TBD)	<u>Honeywell:</u> VHF RTA-44D P/N 064-50000-2052 w/SB23-1570 RTA 50D P/N 965-1696-0F1 <u>Thales: L20</u> <u>Rockwell Collins:</u> VHF-920: P/N 822-1250-002 w/SB16 or 822-1250-020 w/SB17 VHF-2100: P/N 822-1287-101 or 180 w/SB7 or 822-1287- 121 or 141 VHF-2200: P/N 822-2763- 020 or 050	Honeywell (H3) Thales (S8) Available at EIS	
Airbus A330/340	ATSU CLR 7.5, CLR9.X (Due to COVID-19 delays, CLR7.2 or CLR7.4, permitted until TBD)		Honeywell (P6) Thales (T6) Available at EIS	
Airbus A380	ATC and ACR batch 5 (ATC CLA4.1, ACR S2.1)	FMS SW from EIS acceptable ATC CLA4.2 ACR S3	Available at EIS	
Airbus A350	Available at EIS	FMS SW from EIS acceptable ATC CLV1.4 ACR S4	Available at EIS	

Note: DCIT recommendations for aircraft operating with Data Communications. Individual operator configurations are subject to regulatory approval.

Green text indicates recommended for best performance

Acceptable today, however there are updates that will address known issues available soon which will have associated cut in dates when available

EIS: Entry into service

Aircraft	CMU/Equivalent for MF VDL Mode 2	VDR for MF VDL Mode 2	Minimum FMS version	Minimum FMS version (DCL Only)
G280	RC RIU-4010/4100: DLCA-6000 *Interim approval until solution to improve handoffs is available	RC VHF-4000E: 822-1872-390	RC ProLine Fusion 6200 V3.6 (or later) *Permitted until 3.6.1 available	
G500 (GA5C)	HW CMF 3.1	HW EPIC VDR: 7026201-813 (Mod X)	HW NG FMS 3.1	
G600 (GA6C)			HW NG FMS 1 (Similar to Block 3)	
G700 (GA7C)	HW CMF 3.5			
F900 (A,B,C,EX)	HW Mark II+ Core SW 998-6063-522 (or later)	HW EPIC VDR: 7026201-815 (Mod U)	RC Primus 2000 HW SPZ-8000	
Falcon 8X	HW CMF 3.0	HW EPIC VDR: 7026201-814 (Mod S)	HW EASY III	
Global: 5000(GVFD), 5500, 6000, 6500, 7500	RC RIU-4010/4110: 822-1863-175/178/179/671/672 *Interim approval until solution to improve handoffs is available	<u>VHF-4000:</u> CPN 822-1468-210 with SB-8 CPN 822-1468-290 CPN 822-1468-302 with SB-11 CPN 822-1468-303 CPN 822-1468-310 with SB-8 CPN 822-1468-390	RC ProLine Fusion V5.1.5 (or later) P/N 810-0163-1B0013 Global 7500 V2.0.2 (or later) P/N 810-0163-3B0001	RC ProLine Fusion: All available
Challenger: 300, 350, 604 (EDS), 605, 650	RC RIU-4000: 822-1469-554/602/652 RC CMU-4000: 822-1739-603/704 *Interim approval until solution to improve handoffs is available	<u>VHF-4000E:</u> CPN 822-1872-310 with SB-8 CPN 822-1872-390	CL604 EDS V1.0 (or later) P/N 810-0163-1R0001 RC ProLine 21 Advanced: P/N 946-2720-110 946-2720-130 (or later)	
Embraer: Legacy 450/550 Praetor 500/600	RC RIU-4010: 822-1863-633-638 *Interim approval until solution to improve handoffs is available	<u>VHF-4000F:</u> CPN 822-2993-310 with SB-9 CPN 822-2993-390	Embraer Avionics 6.x PLF 810-0163-1E0004 (6.X)	
Not listed?	If your aircraft or configuration is not on this list, please contact your aircraft or equipment manufacturer (Garmin: Data.Link@Garmin.com or Universal Support: www.UASC.com)			

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