



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. 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)	FPL Filing (En Route)	
Boeing 737	Honeywell Mark II+ Core SW 998-6063-523 or 524 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-2100E: P/N 822-2168-121 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, U12, U13, U14.1 (U14 not approved)		1FANSE	
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	1FANSER	
Boeing 747-400	Honeywell Mark II+ Core SW 998-6063-523 or 524		All FMS Versions	1FANSER		
Boeing 767/757	Rockwell Collins CMU900-151 Core 16 (Due to COVID-19 delays, Core 12 or 14 permitted until TBD)		PEG I with procedural mitigation PEG I with Point Fix (Expected Mar '23) PEG II	PEG I	1FANSER	
Boeing MD-11			Pegasus 923, 924		1FANSE	
Boeing 777	BPV 17B, 17C		BPV 17B, 17C	BP17 and above	1FANSE	
Boeing 787	CMF BPV6		FMF BPV4 (or later)	Available at EIS FMF BPV4 (or later)	1FANSER	
Airbus A300	Honeywell Epic CMF 3.4		Honeywell Epic CMF 3.4		1FANSER	
Airbus A220	RC RIU-4010: 822-1863-615 or 616 (8B)		<u>Rockwell Collins:</u> VHF-4000: P/N 822-1468-390	RC ProLine Fusion 8A3	RC ProLine Fusion 8A2 P/N 810-0163-2B0006	1FANSER
Airbus A320	ATSU CSB 7.5, CSB9.X		<u>Honeywell:</u> VHF RTA-44D P/N 064-50000-2052 w/SB23-1570 RTA 50D P/N 965-1696-051 <u>Thales:</u> EVR 750 L22 P/N EVR750-04-0101B <u>Rockwell Collins:</u> VHF-920: P/N 822-1250-020 w/SB17 VHF-2100: P/N 822-1287-121 VHF-2200: P/N 822-2763-020 or 050	Honeywell (H3) Thales (S8) Available at EIS		1FANSE
Airbus A330/340	ATSU CLR 7.5, CLR9.X	Honeywell (P6) Thales (T6) Available at EIS		1FANSE		
Airbus A380	Not eligible for Enroute at this time	Not eligible for Enroute at this time		Available at EIS		N/A
Airbus A350	ATC CLV 1.4 & ACR S4 & ProDB RCF592292024300 (SB 23-P026)	Honeywell (S3) Available at EIS		1FANSE		

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