DEPLOYMENT ACTIONS/RECOMMENDATIONS ON OPERATORS

UPDATED on 16 October 2023, 19 active recommendations

Action No.	Who	Description	Due date	Status/Comments
DSG6 Deployment Action 1	Operators of aircraft equipped with Collins VDRs	Operators with Collins VDRs VHF-920, 2100 and 4000 to update Collins VDRs to fix the VDR deafness issue in accordance with EASA-SIB-2021-01 to address CRO-775 and CRO-914.		Revised EASA SIB published Apr2023, EASA SIB 2021-01R1
DSG6 Deployment Action 2	Operators of Boeing aircraft equipped with Honeywell RTA-44D VDRs	Operators with Honeywell RTA-44D VDRs on Boeing Aircraft to update Honeywell RTA-44D VDRs to fix the VDR Qc issue on Boeing Aircraft; for B717 Aircraft, update to PNs 064-50000-2032/998-2886-504 and 064-50000-2001/998-2858-504 for all other Boeing Aircraft to address CRO-776.		EASA SIB under development
DSG6 Deployment Action 3	Operators of Airbus aircraft equipped with Honeywell RTA-44D VDRs	Operators with Honeywell RTA-44D VDRs on Airbus Aircraft to update Honeywell RTA-44D VDRs to fix the VDR Qc issue on Airbus Aircraft; by updating to PN 064-50000-2052/998-2887-504 to address CRO-776.		EASA SIB under development
DSG6 Deployment Action 4	Operators of A320 Airbus aircraft using the ATSU CSB standard.	Operators using Airbus ATSU CSB Standard to update Airbus ATSU from CSB versions earlier than CSB8.3 FANS-B+ to a more recent CSB Standard to address CRO-779, CRO-414 and CRO-48.		Recommendation is for Operators to update to the most recent CSB Standard available, ATSU CSB9.4 version or later, addressing additional CROs. Operators are invited to contact Airbus for guidance on upgrading and information on available service bulletins.
DSG6 Deployment Action 5	Operators of A380 Airbus aircraft	Operators of A380 aircraft to upgrade the ATC System to the CLA4.2 version to address CRO-499.		Further updates for A380 are expected in line with open Airbus deployment actions. Operators are invited to contact Airbus for guidance on upgrading and information on available service bulletins.
DSG6 Deployment Action 6	Operators of A350 Airbus aircraft	Operators of A350 aircraft to upgrade the ATC system to the CLV1.4 version to address CRO-499.		Further updates for A350 are expected in line with open Airbus deployment actions. Operators are invited to contact Airbus for guidance on upgrading and information on available service bulletins.
DSG6 Deployment Action 7	Operators of aircraft equipped with Honeywell Mark2+ CMU	Operators using the Honeywell Mark2+ CMU to update Honeywell Mark2+ CMU versions earlier than 998-6063-522 to 998-6063-523 to address CRO-783 and CRO-592.		Further updates for Honeywell Mark2+ CMU are expected in line with open Honeywell deployment actions. Recommendation is for Operators to update to 998-6063-524 (addressing also CRO-870) or later.

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				Operators are invited to contact their OEM for guidance on upgrading and information on available service bulletins.
DSG6 Deployment Action 8	Operators of aircraft equipped with Collins CMU-900	Operators using the Collins CMU-900 to update Collins CMU-900 versions earlier than 815-5679-505 to 815-5679-505 to address CRO-301.		Further updates for Collins CMU-900 are expected in in line with open Collins deployment actions. Recommendation is for Operators to update to version 815-5679-522 or later when available addressing additional CROs. Operators are invited to contact their OEM for guidance on upgrading and information on available service bulletins.
DSG7 Deployment Action 37	Operators of B777 aircraft	Operators of B777 aircraft to update their fleet to V17C Service Bulletin.		Further updates for B777 are expected in in line with open Boeing deployment actions. Operators are invited to contact Boeing for guidance on upgrading and information on available service bulletins
DSG7 Deployment Action 38	Operators of A320 NEO aircraft	Operators of A320 NEO aircraft fitted with the CFM LEAP engine and Teledyne ACMS version D12 (PN: D12SAFC02C00000 or D12SAFC03CTFU01) to update the ACMS to software version D16 (PN D16SAFC03C00000) or later to fix the CRO-951 issue.		Airbus guidance TFU 31.36.00.087 addresses this issue. Operators invited to consult this document and contact Airbus for further information. Action text updated to specify concerned operators and equipment.
DSG8 Deployment Action 17	Operators of aircraft equipped with UASC Avionics	Operators of aircraft equipped with UASC Avionics (UniLink UL-80X) to update to SCN 31.4 (SB Number:1080X.0X-23-3750) to have improved VDL Mode 2 handoff performance.		Further updates for Unilink are expected in line with open Universal deployment actions. Operators are invited to contact Universal for guidance on upgrading and information on available service bulletins.
DSG8 Deployment Action 18	Operators of Ejets E190 or E195 aircraft with EPIC avionics	Operators of Ejets (E190, E195) aircraft to update their fleets to Honeywell EPIC CMF 3.4, aircraft with EPIC FMS to install Load 25.9 and aircraft with EPIC NG FMS to install Load 27.4 to address CRO-777, CRO-48, CRO-592, CRO-225 and CRO-1192		
DSG8 Deployment Action 19	Operators of B777 aircraft equipped with Collins Aerospace	Aircraft operators with B777 in their fleet are asked to make crews aware of the potential impact to datalink associated with a loss of GPS signal or GPS signal interference. Operators are invited to consult the Boeing Flight Ops Technical Bulletin, (FOTB) 777-47-R3, to understand the potential system impacts and flight deck effects associated with GPS interference. In the		A fix is also under consideration for Collins GLU-xxx MMR.

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	GLU-925/GLU-2100 MMR	event that date and time shifts persist after a GPS signal loss or interference event, maintenance staff should apply Maintenance Tip 777-MT-34-051 to restore proper functionality (applicable to Collins Aerospace GLU-925/GLU-2100 MMR).		
DSG8 Deployment Action 20	Operators of A31x or A32x aircraft	Operators of A31x or A32x aircraft series equipped with Northrop-Grumman (formerly LITTON) ADIRU version 316 (PN:465020-0303-0316 or 465020-0304-0316) and THALES MMR (PN: TLS755-01-0101B or TLS755-01-0102A or TLS755-14-0101A or TLS755-01-0102A or TLS755-14-0103A) to implement the means and/or actions described in Airbus TFU 34.36.31.003 to address the issue of the avionic clock date unexpectedly sifting backwards by 19.5 years (CRO-1132).		Airbus guidance TFU 34.36.31.003 addresses issue and proposes possible mitigation means and permanent corrective actions. Operators invited to consult TFU and contact Airbus for further information.
DSG9 Deployment Action 11	Operators of C68A aircraft	Recommendation on hold Operators of C68A aircraft with Garmin Avionics system software version 4.5 to update to 4.8 by applying SB680A-34-10 for next generation hardware or CB680A-34-16 for legacy hardware to address CRO-947.		Recommendation on hold Observed performance of Garmin avionics is not good and Garmin avionics are in the Logon List of avionics with performance concerns. Further updates for Garmin avionics are expected in line with open Garmin deployment actions.
DSG10 Deployment Action 12	Operators of A350 Airbus aircraft using the ACR standard	Operators of A350 aircraft with ACR S4 to upgrade PRODB database to RCF592292024300 for improve handoff to address CRO-953		Operators are invited to contact Airbus for guidance on upgrading and information on available service bulletins
DSG10 Deployment Action 13	Operators of the B747-8 aircraft	Operators of the B747-8 aircraft with Collins Avionics to update to the -203 software by applying the Service Bulletin:SB-747-23-2618 to fix CRO-774, CRO-834, CRO-912, CRO-487, CRO-589, CRO-881, CRO-301, CRO-1016 and CRO-913.		Operators are invited to consult Boeing related Guidance 747 FTD 23-20002.
DSG11 Deployment Action 22	Operators in EFIN airspace	Operators in EFIN airspace to check their avionics datalink logon HMI interface for availability of the EFIN NSAP code and if missing to follow up with NSAP address database providers to update the NSAP database.		
DSG11 Deployment Action 23	Operators of A380 Airbus aircraft using the ACR standard	Operators of A380 aircraft with ACR S3 to upgrade PRODB database to RCF592292024300 for improve handoff to address CRO-953		Operators are invited to contact Airbus for guidance on upgrading and information on available service bulletins