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Service Information Letter

SIL Number CMD-2016-01

Effective April 4, 2016

Reason:

Change in requirement for Transponder Flight ID Capability for CMD Flight Solutions AML STCs ST03424CH and SA04051CH.

History:

CMD Flight Solutions obtained FAA Approval of Approved Model List STCs ST03424CH and SA04051CH in 2015. At the time of the STC creation, CMD Flight Solutions was informed by the FAA AIR-130 Systems and Equipment Branch the requirement for Flight ID capability, on the aircraft, to meet the ADS-B Out requirements, was optional, based on the ATC System defaulting to the Mode-S ICAO code, for aircraft identification. After further discussion with Rockwell Collins and AIR-130 in March 2016, it has been determined that to be in full compliance with 14CFR 91.227, a means to provide Flight ID, must be provided. The change in STC requirements may affect aircraft previously incorporating the above STCs and must be incorporated, on any new installations.

Effectivity:

All aircraft with Rockwell Collins ADS-B Out capable TDR-94/94D Transponders upgraded in accordance with CMD Flight Solutions STC ST03424CH or SA04051CH.

Compliance:

Any aircraft installation using STC ST03424CH or SA04051CH must have capability for aircraft Flight ID input. The BDS 0,8 register must be filled with the Flight ID information and can be confirmed following the STC's GTP. The Flight ID A429 labels may be provided to the TDR-94/94D via any of the three Control Inputs, the FMS Input, the IOC Input, or the AIS/ADS Input.

Flight ID may be provided to the transponders by an existing Transponder Control Head, Control Head upgrade, dedicated Flight ID Controller or Flight Management System capability to set the aircraft Flight ID on the transponders. Additional methods may currently be available or become available, please consult CMD Flight Solutions, in this case.

CMD Flight Solutions is amending the above STC data for this requirement and will provide approval within the STC for Flight ID capability and various known interface approvals.

Support:

Contact CMD Flight Solutions at 269-753-9003 or dan@cmdflightsolutions.com.