

Press Release

Airbus launches “Skywise Health Monitoring” with US airline Allegiant Air as early adopter

- Enabling the real-time management of aircraft events and troubleshooting
- Allowing prioritization and tracking
- Increasing dispatch reliability

@Allegiant #skywise #MROAM

MRO Americas, Atlanta, 10th April 2019 – Airbus has launched first operations of a new Skywise service – Skywise Health Monitoring (SHM) – with Allegiant Air on its A320s. Dynamically coupled with Skywise Reliability Services (SRS) and Skywise Predictive Maintenance (SPM), SHM is hosted on Skywise, gathering live diagnostic feeds from the aircraft through its *ACARS link to the airline’s information system.

Using the power of the Skywise aviation data platform, SHM collates and centralises the alerts, flight-deck effects, maintenance messages etc., prioritizes them, correlates any faults with the relevant troubleshooting procedures, highlights operational impacts, provides the maintenance history of the system (from the logbook and **MIS information collected through Skywise Core and stored in the data lake), allowing effective tracking of the alerts.

When fully deployed, and following the in-service feedback from Allegiant Air and other ‘early adopters’, SHM will support airlines’ Maintenance Control Centers, Line Maintenance and Engineering departments in identifying, prioritizing, analyzing and handling in-service events, enabling quicker decision-making and preparation of the optimal solution to ensure aircraft on-time dispatch and minimizing AOG risks.

Overall, SHM saves airlines time and decreases the cost of unscheduled maintenance. Natively interfaced with SPM and SRS to provide an integrated user-experience, and also ready to harness the new on-board Flight Operations and Maintenance Exchanger (“FOMAX”) data router which can capture over 20,000 real-time aircraft parameters, SHM enables end-to-end unscheduled event management/fixes for example by anticipating tools and parts’ availability closest to the aircraft. More early adopters will join in the months to come to pilot SHM for other Airbus aircraft, including A330, A350 and A380.

*ACARS = Aircraft Communication Addressing and Reporting System

**MIS = Maintenance Information System

About Airbus

Airbus is a global leader in aeronautics, space and related services. In 2018 it generated revenues of € 64 billion and employed a workforce of around 134,000. Airbus offers the most comprehensive range of passenger airliners. Airbus is also a European leader providing tanker, combat, transport and mission aircraft, as well as one of the world’s leading space companies. In helicopters, Airbus provides the most efficient civil and military rotorcraft solutions worldwide.

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