ALD Software Provides THALES Aerospace with the Knowledge and Capability to Assure Reliability, Availability, and Safety of THALES UAVs

Thales Aerospace, a business unit of French aerospace and defense company Thales Group, has operations in Australia, Canada, China, France, Germany, Italy, Singapore, the UK, and the US. Thales Aerospace includes Thales Airborne Systems, Thales Avionics, Thales Computers, Thales Microelectronics, and Thales MESL.

ALD's Reliability and Safety Solutions have been adopted by Thales Aerospace in the UK, a leader in UAV (Unmanned Aerial Vehicle) manufacturing and maintenance.

FavoWeb, ALD's **Failure Reporting Analysis and Corrective Action System** (FRACAS) is used across Thales Aerospace sites to obtain data and perform analysis on defects (during manufacturing assembly phase) and failure/repair (during operational phase).

ALD's FRACAS tool Issues meaningful analyses on equipment failures, such as Pareto analysis of data (by location, symptom, part number, etc.), MTBF, MDBF, MTTR, Reliability Trends, Spares Consumption and many others. It also manages the implementation of corrective action on systematic failures as an imbedded part of the failure management process.

Thales Aerospace, part of the French Thales Group, is the leading aerospace electronics contractor in Europe. It equips civil and military aircrafts and helicopters with products and services, including electrical systems, navigation systems, radars and sensors, air traffic management, training and simulation systems, and in-flight entertainment systems. It serves aerospace manufacturers, airlines, military forces, and defense agencies.

FavoWeb FRACAS provides Thales Aerospace with the necessary knowledge and capabilities to assure its UAV's superior safety, reliability, and availability, thus directly contributing to mission success.

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