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   Sommario/riassunto   The DASC is the premier annual conference providing authors an opportunity for publication and presentation to an international audience of papers encompassing the field of avionics systems for aircraft rotorcraft unmanned aircraft (commercial, military, business and general aviation), navigation, communications (all bands voice sensor data), sensors, crew interface, avionics architectures, software, and space and ground components needed for the safe operation of commercial and military aircraft, and space systems Conference papers and plenary presentations cover all aspects of aviation from development, testing, production, to operation and maintenance Avionics sensors embedded in aircraft employing new materials and manufacturing methods and active control computing systems are key contributors to system safety and high aircraft availability Tutorials on highly relevant avionics subjects are offered on two days preceding the technical sessions.