

Andy Lacher

Chief Technologist for Future Airspace Operations – Intelligent Flight Systems, NASA Langley Research Center



Andy Lacher is Chief Technologist for Future Airspace Operations in the Intelligent Flight Systems organization at NASA's Langley Research Center, where he works on the safe operational integration of new aviation technologies. He is a subject matter expert on the safe and secure operations of unmanned and autonomous systems.

He was the Director of the Aerospace Systems Research Center at Noblis and was the Senior Manager for Autonomous Aircraft Integration at Boeing, working with the NeXT team. Before that, he was the Autonomous Systems Integration and Adoption Lead for The MITRE Corporation, where he worked for 30 years. Mr. Lacher has also been an information technology consultant for small airlines and worked on satellite-based asset

tracking.

Mr. Lacher has served on several research advisory boards and standards bodies, including the National Academy of Science's Aeronautics and Space Engineering Board and the Federal Aviation Administration's RE&D Advisory Committee. He has contributed to several Aviation Rulemaking Committees recommendations and several National Academy of Science studies related to aerospace. Mr. Lacher is an Associate Fellow of the AIAA where he is active on the Intelligence Systems Technical Committee. He has a bachelor's degree in electrical engineering and a master's degree in operations research, both from The George Washington University.