

**Dawn McGarvey-Buchwalder** works for Dayton Aerospace, Inc., as a Senior Associate, consulting with the Aerospace and Airworthiness (AW) communities. She is also a board member with the Association of Airworthiness Professionals. Recently she retired from the USAF with 33 years of service.

Within the USAF, she served as the USAF's first Technical Advisor and Branch Chief for AW from 2011-16, executing DOD & Air Force Policy Directives on AW. Key to this duty was facilitating issuance of flight authorizations for over 150 USAF military types through development of bulletins and operating instructions, providing effective training, establishing the infrastructure for planning, reviewing, tracking and auditing of AW products, liaising with National and International AW Authorities and promulgating accurate, expeditious and thorough assessments for safety of the warfighter.



Prior to this appointment, Ms McGarvey-Buchwalder was the F-35 Chief Flight Systems Engineer and Pilot Systems Lead from 2004-11. She was the technical focal point for the development, qualification, certification, production readiness and flight testing of all F-35 pilot centric hardware, to include helmet mounted display, head down displays, ejection system, life support, pilot flight equipment, pilot vehicle integration, accommodation, cockpit equipment, lighting and canopy.

Ms McGarvey-Buchwalder's career has also had her leading life support programs on X-32, X-35, F-22, YF-22, YF-23, KE-3A, and C-12 with a focus to ensure that warfighter protection was commensurate with aircraft capability. She was integral to technology transition from the laboratory to the field in areas of Helmet mounted display, G/Altitude protection, Ejection restraint, Thermal protection, Vulnerability protection and Onboard Oxygen Generating Systems.