

LEISA LEMASTER

ASSOCIATE, DAYTON AEROSPACE, INC.

PROFILE

Experienced configuration management (CM) subject matter expert (SME) with 40 years of experience in Department of Defense (DoD) acquisition development, production, and sustainment programs, possessing unique qualifications, insights and understanding of CM, data management and data digital transformation. Experienced in both US Air Force (USAF) and foreign military sales (FMS) programs to include F-16, F-15, Advanced Targeting Pod (ATP), Global Hawk, MQ-1 and MQ-9. Principal author of MIL-HDBK-61B, *Configuration Management Guidance*, and major contributor to the creation and maintenance of industry standards governing CM—providing up-to-date solutions to current CM challenges. Active instructor for SAE industry standards to include SAE-649C, *Configuration Management*, and SAE-649-1A, *Configuration Management for DoD Contracts*. NH-03, Department of the Air Force (DAF) (Retired).

PRINCIPAL AREAS OF EXPERTISE

Change Management	Airworthiness Certification	Configuration Audits
Data Rights	Configuration Management	Deficiency Reporting
Data Management	Process Improvement	Education & Training

WORK HISTORY

Associate | Dayton Aerospace, Inc.
2022-present, Dayton, OH

Leads teams of multi-functional experts solving configuration, data, and airworthiness management challenges—bringing assets under configuration control and managing system configuration control—for both government and industry clients.

Owner/Operator | CMTraining, LLC
2020-present, Dayton, OH

Leveraging nearly 40 years of government configuration and data management experience and a Configuration Management Product Improvement Center (CMPIC) Master Certificate, provide instructional training in all areas of configuration, data and airworthiness management to government and industry personnel worldwide, helping clients better understand and address solutions for each unique CM challenge.

Lead, Airworthiness Configuration/Data Management Specialist | Configuration/Data Management Branch, Engineering Directorate, Air Force Life Cycle Management Center (AFLCMC/EZSC)
2016-2019, WPAFB, OH

CM team lead for USAF airworthiness, non-DoD military airworthiness (NDMA) and contractor-owned, contractor-operated (COCO) airworthiness programs. Instituted standardized processes to execute airworthiness office responsibilities for the development and modification of the USAF's 150+ military design series, resulting in on-time approval of 60+ flight authorizations, 50+ assessment bases and 25 plans per calendar year as tracked by the AFLCMC Commander. Additionally, successfully completed the first NDMA assessment basis directed by Secretary of the Air Force. One of ten configuration managers endorsed by the USAF Technical Airworthiness Authority (TAA) to evaluate MIL-HDBK-516B, Sections 4.6/4.7 (Configuration Management Identification, Status Accounting and Control) assessing the sufficiency of the technical design and processes. Acted as the AFLCMC engineering focal point to the Air Force Materiel Command (AFMC) Product Life Cycle Management Standards and Processes Board and as the USAF liaison to the SSTC G-33 Configuration Management Industry Committee. Led the DoD initiative to update MIL-HDBK-61A, *Configuration Data Management Guidance*.



DAYTON AEROSPACE

4141 Colonel Glenn Hwy.
Suite 252
Dayton, Ohio 45431
P: (937) 426.4300

EDUCATION

BS, Business Administration
Park College
Master Certificate in Configuration Management
University of Houston

CERTIFICATIONS

USAF Airworthiness Endorsement
Level III
Acquisition Professional Development Program (APDP)
Production, Quality and Manufacturing – Level II
Program Management – Level I

AWARDS & RECOGNITION

Teal Award for Excellence in Configuration/Data Management, 1989 & 2008
Secretary of Defense Medal for Global War on Terrorism, 2008
Air Force Civilian Achievement Medal, 2006

WORK HISTORY (CONT'D)

Configuration/Data Management Specialist | AFLCMC/EZSC

2015-2016, WPAFB, OH

Airworthiness SME for CM criteria for USAF programs. Reviewed and assessed certification bases, defined compliance level, and prepared and presented findings to the Director of Engineering (DOE). AFLCMC Change Management Standard Process focal point to ensure change management was implemented consistently across AFLCMC. Instructed CM and data management professionals at AFLCMC to ensure a high level of understanding and consistency for process/policy guidance including baseline establishment and control, airworthiness, developing and managing contract data requirements list (CDRL) deliverables, functional/physical configuration audits (FCA/PCA), and temporary mods.

Configuration/Data Management Supervisor | Medium Altitude Unmanned Air Vehicle System (AFLCMC/WI)

2010-2015, WPAFB, OH

Configuration/Data Management Division lead to develop and implement the first CM system to support the Predator and Reaper programs, bringing 250+ assets under configuration control. Obtained and institutionalized TopVue configuration/data management and airworthiness modules program wide, providing a tool for managing all data submittals, technical baselines, engineering changes, air vehicle fleet status accounting and airworthiness artifacts—recognized by the airworthiness authority as a best practice. Member of small technical team to execute division level program reviews to include preliminary and critical design reviews (PDR/CDR), as well as system requirements review (SRR), program management reviews and all configuration/data management reviews and audits. Developed, trained, and implemented processes for configuration change control, CDRL development, contractor data review and approval, initial technical baseline establishment, temporary modification processing and airworthiness baseline management and control.

Configuration/Data Management Specialist | Global Hawk (AFLCMC/WI)

2005-2010, WPAFB, OH

CM/DM specialist responsible to ensure all facets of configuration/data management were implemented across all USAF, US Navy (USN) and FMS partners. Developed internal CM/data management policies and procedures, training personnel on the use of these policies and coordinating with other internal functional offices to ensure all personnel were utilizing the guidance set forth. Identified the configuration items to be managed, obtaining all data necessary to support the programs, reviewed all technical documentation, assessed temporary and permanent modifications and change proposals, and conducted all configuration audits. Surveilled the contractor by reviewing all drawings submitted, monitoring/managing status accounting and managing all deficiency reports. As airworthiness specialist, managed the first airworthiness certification activity for the program reviewing not only the configuration/data management criteria but ensuring successful completion and issuance of airworthiness certification. Selected for deployment as a liaison officer to the Global Hawk Forward Operating Location (FOL).

Configuration Management Specialist | Other Program Support

1985-2004, WPAFB, OH

Performed program configuration/data management responsibilities for USAF and FMS programs to include the following: LANTIRN, LITENING and Advanced Targeting Pod (ATP), Sniper Targeting Pod, F-16 Block 50 Israeli Program, F-16 Singapore Program, and the F-16 USAF Falcon 2020 Program.

Director, Total Quality Management Coordinator | Aeronautical Systems Center (ASC)

1992-1993, WPAFB, OH

Conducted team building activities for program teams to include roles and responsibilities identification, problem solving, process improvement and team/program transition. Responsibilities included weekly reporting to the director (level) on status of team building and quality training. Facilitated for multiple two-letter organizations as they attempted to re-organize their directorates.

DAYTON AEROSPACE

4141 Colonel Glenn Hwy.
Suite 252

Dayton, Ohio 45431

www.daytonaero.com