

Biography



Carl McMurry
Director,
F-35 Vehicle Sciences & Systems
Lockheed Martin Aeronautics Company

Carl McMurry is serving as Director, F-35 Vehicle Sciences & Systems (VS&S). VS&S' responsibilities include Flight Controls (software and actuation systems), Utilities & Subsystems (vehicle management computers, hydraulics, landing and arresting gear, electrical power, fuel systems, oxygen and inert gas generation, etc.), Propulsion and Power Thermal Management Systems (main engine and lift system, engine start, emergency power, air, liquid and Fuel cooling, Integrated Flight Propulsion Controls), Pilot Systems (ejection seats, pilot cooling, pilot breathing) and Weapons Integration. In this role, Carl is responsible for all activities associated with the development, integration, flight certification, and performance of the VS&S products. In addition to VS&S, Carl is also the leader of the F-35 Government/Industry Propulsion Integrated Product Team (IPT), responsible for the development, integration, flight certification, procurement of the conventional take-off/landing, short take-off/vertical landing, and aircraft carrier variant propulsion systems. The Propulsion IPT members include Lockheed Martin, Pratt & Whitney, Rolls-Royce and the F-35 Joint Program Office.

Carl has 27 years of experience with Lockheed Martin and its heritage companies in Fort Worth. Carl served as F16 Block 60 Propulsion IPT Lead from 2000 to 2005 and was a key member of the UAE/F-16 Block 60 Program Marketing/Capture Team from 1996 to 2000. Carl's contributions to the success of the Block 60 program were recognized by his inclusion on two teams awarded the prestigious Lockheed Martin NOVA award. Prior to that, Carl held positions of increasing technical and leadership responsibilities on numerous Special Projects programs. He earned his B.S. degree in Aerospace Engineering and M.S. degree in Mechanical Engineering from Oklahoma State University. He also holds an MBA from Oklahoma State University.