



Monica Mohtasham
Pratt & Whitney
Flight Test Instrumentation Supervisor

Monica's interest in instrumentation started when she attended a vocational technical high school in Manchester choosing to study electronic theory for 4 years. After high school she joined the U.S. Navy and trained to be an avionics technician working on radar systems on P-3 Orion aircraft (nicknamed "submarine chasers") for 4 years traveling throughout the Middle and Far East and serving in Operation Desert Shield during the first Gulf War in 1990.

After leaving the military, she worked as an avionics technician for Learjet, Inc., a division of Bombardier Aerospace. She worked on modifying electrical systems on Learjet and Challenger aircrafts. She left Learjet to go back to school. She received an Associate's degree in Engineering Science from Manchester Community College in 2002, a Bachelor's degree in Electrical Engineering from the University of Connecticut in 2004, a Master's degree in Systems Engineering from Worcester Polytechnic Institute in 2012 and a Certificate in Space Systems Engineering from Steven Institute of Technology in 2021.

Monica's work experience includes 3 years at Connecticut Light & Power (CL&P) in the Engineering Rotation Program (ERP) working on distribution circuit design, project management and substation engineering, 4 years at UTC Power in the Test & Reliability group as an Associate Engineer working on PAFC and PEM fuel cell test stands, and 3 years working in the P&W Military Engines department as a Project Engineer in the Engine Test Systems & Services group supporting F100, F117, F119 and F135 test cells on military bases and managing a P&W offset project in Greece that required travel to both the supplier site in Canada and the customer site in Greece.

Monica joined the Flight Test Instrumentation (FTI) group in 2013, becoming the FTI Lead for the PW1400G-JM Irkut compliance program. She has worked finalizing requirements with the customer and internal CIPTs, worked with the MSE design and sensor engineering groups to create and finalize FTI designs and worked with the engine assembly and ground/flight test teams to ensure instrumentation was integrated correctly to both ground and flight test interfaces. In 2018, Monica was promoted to a Flight Test Instrumentation Supervisor managing employees in Middletown.

Monica's interests and hobbies include reading, traveling and spending time with her husband and four children. In her free time, she enjoys mentoring students wanting to become engineers at all levels of education. She has also been a part of and supported the Hispanic Leadership Forum and the Women's Forum at Pratt & Whitney.