National Aeronautics and Space Administration

Peter Coen

Quesst Mission Integration Manager

Peter Coen brings 40 years of supersonic research experience to his role as the Quesst mission integration manager. In this role, Coen is responsible for ensuring that Quesst mission elements, including the X-59 aircraft development, acoustic validation, and community testing, remain coordinated and on track to deliver data on community response to quiet supersonic flight.

Experience

Previously, Coen managed the Commercial Supersonic Technology project in NASA's Aeronautics Research Mission Directorate. In that role, Coen led a team from the agency's four Aeronautics research centers in the development of tools and technologies for a new generation of quiet and efficient supersonic civil transport aircraft.

Coen has studied technology integration in practical designs for many different types of aircraft and has made technical and management contributions to all of NASA's supersonic-related programs during the past 30 years. Among the projects Coen worked on was the DARPA-NASA Shaped Sonic Boom Demonstration, which used a modified F-5E Navy fighter to prove that the fundamental concepts required to reduce sonic boom noise would work in flight.

Coen has also been instrumental in building a consensus for new standards for quiet supersonic flight over land through engagement with external organizations, such as aerospace companies, the Federal Aviation Administration, and the International Civil Aviation Organization.

Coen is also a licensed private pilot with his own airplane.

Education

Coen earned a bachelor's degree in aerospace engineering from the Polytechnic Institute of New York University in Brooklyn, New York. He earned a master's degree in aeronautical engineering from George Washington University in Washington, D.C.

Honors

Coen has received numerous honors and awards, including two NASA Outstanding Leadership Medals. He is an associate fellow of the American Institute of Aeronautics and Astronautics.