

SAE 2019 Noise and Vibration Conference and Exhibition
Wednesday Keynote - **The Sound of Synergy**
Featured Speaker - **JOHN MAXON**

John Maxon, Manager of the Acoustics, Vibration, & Community Noise Group at Gulfstream Aerospace, will discuss the benefits and successes that resulted from the synergistic sharing of the General Dynamics acoustic and vibration resources by Jet Aviation and Gulfstream to design and build the quietest and most stunning aircraft interiors on narrow- and wide-body aircraft developed for use by private individuals, corporations and governments alike.

In the business aviation industry, low cabin noise levels and lightweight completion packages are commonly incompatible, but they represent two of the most important items that private aircraft clients ask for in their aircraft.

To meet the client's expectations of a quiet and comfortable cabin interior, every completion center develops its own sound-proofing package, which typically involves a significant amount of additional weight. While it works to quiet the aircraft, this added weight can and often does adversely affect aircraft performance.

Jet Aviation and Gulfstream have leveraged the proven expertise and technologies of Gulfstream to help find innovative solutions to not only lower the cabin noise levels but also reduce the weight of the sound-proofing packages on some of the most beautiful and technically challenging interiors flying today.

Maxon will highlight how this corporate cooperation has benefited both sister companies as well as the clients they serve.