



# Air Force Research Laboratory|AFRL

*Science and Technology for Tomorrow's Air and Space Force*

## **Success Story**

### **AEROSPACE PROPULSION CHIEF NAMED CHAIRMAN OF INTERAGENCY COMMITTEE**



Mr. Parker L. Buckley, Chief of the Propulsion Directorate's Aerospace Propulsion Office, now heads the executive committee of an interagency propulsion team designed to enhance missile, gun, and space propulsion research, development, and applications across the Department of Defense (DoD) and the National Aeronautics and Space Administration (NASA).



Air Force Research Laboratory  
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### **Accomplishment**

The Joint Army Navy NASA Air Force (JANNAF) Committee recently named Mr. Buckley as the new chairman of the JANNAF Executive Committee. He will oversee the governing body of JANNAF and its interagency propulsion committee, which exists to promote and facilitate the exchange of technical information; establish standards; and affect coordination of research, exploratory development, and advanced development programs in the areas of missile, gun, and space propulsion.

Mr. Buckley and his team, in the directorate's Aerospace Propulsion Office, work on the development of ramjet and supersonic combustion ramjet (scramjet) technology and integration into combined-cycle engines. Applications of this technology include high-speed weapon systems and low-cost, on-demand access to space.

### **Background**

The JANNAF Interagency Propulsion Committee is composed of representatives from DoD and NASA, and consists of technical subcommittees and ad hoc committees. JANNAF's work includes propulsion systems based upon chemical or electrical energy release intended for use in missiles, rockets, boosters, spacecraft, satellites, or guns. Technical areas of interest include air-breathing propulsion, combustion, exhaust plumes, propellant development, rocket nozzle technology, safety and environmental protection, and structures and mechanical behavior.

Mr. Buckley received a Bachelor of Science Degree in Aerospace Engineering from the University of Cincinnati in 1972 and a Master of Science Degree in Mechanical Engineering from the University of Dayton in 1981. He flew KC-135 Stratotankers as a reservist in the Ohio Air National Guard for 22 years and flew in Operation DESERT STORM.

Propulsion  
Awards/Recognition

### **Additional information**

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