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**NASA Langley Managers Receive SAE Awards**

Langley Research Center managers Percy J. "Bud" Bobbitt and Bruce J. Holmes were honored at the Society of Automotive Engineers (SAE) International Congress and Exposition held March 1 at Cobo Hall, Detroit. SAE is the Engineering Society for Advanced Mobility—Land, Sea, Air and Space.

Bobbitt, chief, Transonic Aerodynamics Division, was presented the Forest R. McFarland Award and Holmes, head, Flight Applications Branch, received the SAE Distinguished Speaker Award at the annual Honors Convocation. Both have contributed significantly to SAE's success and the advancement of mobility technology.

The Forest R. McFarland Award recognizes session organizers and committee members who have rendered outstanding service in the organization of technical sessions for SAE meetings and conferences. Bobbitt, founder and chairman of the SAE Aerodynamics Committee, is being recognized by the SAE Engineering Activity Board for his "efforts and leadership in the last three AEROTECH Conferences."

"I thought it important for the committee to participate in the SAE AEROTECH conferences and displays put on each year at the Long Beach, Calif., Conference Center," Bobbitt explains. "In October of 1985, 1986 and 1987, the Aerodynamics

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Committee organized and expedited an Aerodynamics Conference to compliment the many vehicle-specific conferences put on at the same time by other SAE committees. Our conferences have been a potpourri of theoretical and experimental, military and civil aircraft, and applied and basic aerodynamics."

Bobbitt joined the Langley Research Center staff in 1950 as a research engineer. In 1966, he was named acting head of the Applied Mechanics Branch; in 1970, head of the Applied Loads Branch; and in 1973, head of the Theoretical Aerodynamics Branch.

In his present position, Bobbitt is responsible for aeronautical research in fundamental fluid flows and configuration aerodynamics, including stability and control, propulsion system integration and related aerodynamic phenomena. His division serves as support and consultant for the aircraft industry and the military.

Holmes has received the SAE Award for Excellence in Oral Presentations three times in the past four years. The purpose of the oral presentation program, established in 1972, is to maintain the high quality of presentations at SAE technical sessions by recognizing individuals who make outstanding presentations. Only 5 percent of SAE's oral presentors receive this award.

As a result of these accomplishments, Holmes was presented the SAE Distinguished Speaker Award. This award and trophy gives special recognition to speakers who have received the Oral Presentation Award more than twice.

Holmes feels this award provides national recognition for the Langley system of presentation review. "It is common knowledge that Langley speakers are well-rehearsed
and offer the highest quality information at technical society meetings. This award is one more indication that the Langley system works."

Holmes began his NASA career in 1977 and much of his research background has involved basic and applied aerodynamic research in the flight environment including research on aircraft as varied as the man-powered Gossamer Albatross, agricultural airplanes, business jets and a supersonic airplane.

In his present position, Holmes is responsible for research in applied aerodynamics and aviation safety with emphasis on subsonic business, commuter and commercial transport airplanes.

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