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LAMAR AND HUMMEL WIN AIAA INTERNATIONAL COOPERATION AWARD

May 5, 2009 – Reston, Va. – The American Institute of Aeronautics and Astronautics (AIAA) has selected Dr. John E. Lamar, of Newport News, Va., and Dr. Ing. Dietrich Hummel, of the Institute of Fluid Mechanics, Technical University of Braunschweig, Braunschweig, Germany, to receive the AIAA International Cooperation Award for 2009. Drs. Lamar and Hummel will receive the award at the AIAA Aerospace Spotlight Awards Gala on May 13 at the Ronald Reagan Building and International Trade Center in Washington, D.C.

The AIAA International Cooperation Award recognizes significant contributions to the initiation, organization, implementation and/or management of activities with significant U.S. involvement and extensive international cooperative activities in space, aeronautics, or both.

This year's award honors Lamar and Hummel for their outstanding leadership of international workgroups that studied, and improved the understanding of, vortical flow phenomena concerning fighter aircraft and delta wings. The awardees advocated for the establishment of an international task force focused on "Understanding and Modeling Vortical Flows to Improve the Technology Readiness Level for Military Aircraft," which led to a memorandum of agreement allowing NASA and foreign partners to conduct flow field tests in Europe on a NASA test model and four test models contributed by the European partners. Hummel and Lamar also collaborated on a second project, "Cranked-Arrow Wing Aerodynamics Project International," which studied the geometry of the F-16XL fighter plane.

Dr. Ing. Hummel is a retired professor of mechanical engineering at the Technical University of Braunschweig, Braunschweig, Germany, where he focused on all facets of aerodynamics and flight mechanics, with his main area of expertise being the effects of vortical flow on delta wings. Dr. Lamar, a retired senior research scientist in the configuration aerodynamics branch at the NASA Langley Research Center, Hampton, Va., where he specialized in the study of vertical flows, is a prior winner of the AIAA Aerodynamics Award and the National Space Club's Dryden Memorial Fellowship. Hummel and Lamar co-chair NATO's RTO/AVT-113 task group, which is responsible for the ongoing "Second International Vortex Flow Experiment."

For more information on the AIAA Honors and Awards program, please contact Carol Stewart at 703.264.7623 or carols@aiaa.org. For more information on the AIAA Aerospace Spotlight Awards Gala, please contact Duane Hyland at 703.264.7558 or duaneh@aiaa.org.

AIAA advances the state of aerospace science, engineering, and technological leadership. Headquartered in suburban Washington, D.C., the Institute serves over 35,000 members in 65 regional sections and 79 countries. AIAA membership is drawn from all levels of industry, academia, private research organizations, and government. For more information, visit www.aiaa.org.

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