



AIAA IEEE(AES) Joint Section Meeting

Wednesday, February 24, 2016

Bobby Berrier
AIAA Distinguished Lecturer



“Birth of the National Advisory Committee for Aeronautics”

Location: **Bethpage Public Library**
47 Powell Avenue
Bethpage, NY 11714

RESERVATIONS REQUESTED
RSVP BY Feb. 23, 2016
davidsparis@twc.com
or (516) 458-8593

Time: **6:00 PM Social Time**
6:30 PM Pizza
7:00 PM Presentation

Cost for Pizza: \$5, Members and Guests
Free, for Students

The National Advisory Committee for Aeronautics (NACA) was formed in 1915 by act of Congress and in 1958 was transformed into the National Aeronautics and Space Administration (NASA). This presentation covers the birth of the NACA and its first laboratory at Langley Field in Hampton, Virginia. The time period covered is from about 1911 to 1922. The necessity for and the efforts leading to the establishment of a government funded agency chartered to “supervise and direct the scientific study of the problems of flight, with a view to their practical solutions” will be covered. Problems encountered along the way, with both nature and the military, will be discussed. Finally, several interesting intersections of history, including the birth of a signer of the U. S. Constitution, the first free public school in America, and the assistance of a famous American author are discussed.

After receiving B.S. and M.S. degrees, Mr. Berrier started his career at NASA in 1963. During a distinguished career that spanned 43 years, he made significant contributions toward advancing the state of the art in both propulsion and aeronautics and has authored or coauthored over 90 technical publications. He is a nationally and internationally recognized authority in the field of propulsion airframe integration and has played a major role in the development of many advanced military aircraft currently flying today.

Mr. Berrier spent almost his entire career at the NASA Langley Research Center 16-Foot Transonic Tunnel and served as a Section Head, Assistant Branch Head and Branch Head at the facility. He retired from NASA in 2005 but remained active in the field as a Distinguished Research Associate (DRA) and part-time Alliant Techsystems (ATK) and Analytical Mechanics Associates (AMA) employee at Langley. Mr. Berrier is an AIAA Fellow and recipient of the Society of Automotive Engineering Charles M. Manly Memorial Metal, the NASA Exceptional Engineering Metal, the NASA Exceptional Service Metal, the AIAA Air Breathing Propulsion Metal, and the NASA Langley Research Center Richard T. Whitcomb Aerospace Technology Transfer Award.

Directions: The library is west of Route 135 in Bethpage. Take Route 135 to Exit 8, then West on Powell Ave. for about 0.25 miles. The library is on the south side of the street. Park across Powell Ave., opposite the library.