MEMORANDUM

TO: 116/Director for Aeronautics

FROM: 359/Head, Transonic Aerodynamics Branch, STAD

SUBJECT: Position Description for Vought Research Associate

The position is that of Research Engineer in the Transonic Aerodynamics Branch, Subsonic-Transonic Aerodynamics Division. Principal assignment concerns the design and investigation of high aspect ratio wing-body configurations having high lift-to-drag ratios. The incumbent will work very closely with Dr. R. T. Whitcomb and his associates and he will utilize the Langley 8-foot transonic pressure tunnel and the Langley computational facilities. He will also make use of the latest airfoil and wing analysis and design programs to develop configurations and to assess and evaluate the unique aerodynamic design features necessary for supercritical applications. Winglet applications and propulsion integration may also be investigated in the assignment. Results of these investigations will be reported in suitable publications.

R.T. Whitcomb

Richard T. Whitcomb
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