DEPARTMENT OF THE AIR FORCE
HEADQUARTERS AERONAUTICAL SYSTEMS DIVISION (AFSC)
WRIGHT-PATTERSON AIR FORCE BASE, OHIO 45433

Office of the Commander

NOV 1965

SUBJECT: Appreciation for National Aeronautics and Space Administration Assistance

TO: Director
National Aeronautics & Space Administration
Washington 25, DC

1. Tests of models of the C-5A aircraft were recently completed by the National Aeronautics and Space Administration. The tests were used in the C-5A evaluation to validate the aerodynamic performance calculated for each design. The test results were invaluable in evaluation of the contractors' proposals since they provided information for all the competing designs from a single aeronautical facility. The NASA effort was under the capable guidance of Dr. John Parkinson, NASA Hqs, and Dr. Floyd L. Thompson, Director, Langley Research Center.

2. The efforts expended by Dr. Richard T. Whitcomb, Mr. Arvo Luoma, Mr. Donald Loving and by the test, computing, and plotting personnel of the 8 ft. transonic facility reflect the highest professional competence on the part of all concerned. In addition, the services of Mr. Alexander D. Hammond in evaluating the high lift data submitted by the competing contractors, and of Dr. Richard T. Whitcomb and Mr. Edward C. Polhamus in reviewing and approving the drag analysis methods and results used in the evaluation were also greatly appreciated and were considered of great value to the success of the evaluation.

3. Never before has an evaluation been conducted by the Air Force with completely validated aerodynamic data, and with such timely and competent assistance. As a result of the NASA effort, the evaluation of the C-5A performance was accomplished in greater detail and with greater confidence than would have been possible by other means. I wish to thank all the C-5A evaluation participants from the National Aeronautics and Space Administration for their assistance and excellent cooperation. I am thoroughly convinced that with NASA participation the Government team performing the evaluation was second to none.

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CHiRLES H. TERHUNE, JR.
Major General, USAF
Commander