

AIAA GENERAL AVIATION AIRCRAFT DESIGN AND OPERATIONS MEETING

MAY 25-27, 1964

WICHITA, KANSAS

At this meeting it is planned to highlight particularly the needs of the general aviation designer and operator for research and development, directed specifically to fixed-wing, V/STOL, and near surface and hydrofoil aircraft types, in the areas of performance, reliability, quality control, safety, and overall acceptability.

Topic areas to which approximately 12 **unclassified** sessions will be devoted are given below. The sessions will consist of both invited and contributed papers. Two panel discussions will be held, one by leaders in industry and government to cover the broad objectives for general aviation, and the other is to be a critique of the meeting.

Contributors should submit abstracts, in triplicate, containing 500 to 1000 words to the appropriate session organizer listed below by **October 4, 1963**. Papers will be accepted tentatively or rejected on the basis of the abstract. Final acceptance will be based on a review of the first draft manuscript.

The meeting Co-Chairmen are Ernest Stout, Mgr., Systems Planning, Lockheed-Calif. Co., and Brig. Gen. David B. Parker, Comdr., Army Aviation and Surface Materiel Command.

Topic Areas

TECHNOLOGIES: Papers are desired specifically related to the following:

Propulsion Systems

Eli H. Benstein
Staff Engr. Tech. Mgt.
Continental Aviation & Engineering Corp.
12700 Kercheval Ave.
Detroit 15, Mich.

Structures and Materials

Alexander Gomza
Engineering Dept. Plant 5
Grumman Aircraft Engrg. Corp.
Bethpage, N. Y.

Aerodynamics, Hydrodynamics, and Handling Qualities

John B. Parkinson
Code RAA
NASA
Washington 25, D. C.

Ground Support and Maintainability

Robert J. Myer
The Kaman Aircraft Corp.
Old Windsor Road
Bloomfield, Conn.

VEHICLE DESIGN: Papers are desired concerning the problems of design compromise, the solutions thereto, and the limitations imposed by current technology:

Fixed Wing, i.e., Conventional

Marvin J. Gordon
Beech Aircraft Corp.
9709 E. Central
Wichita, Kan.

V/STOL

John Beebe
Army Materiel Command Hqts.
Dept. of the Army
Washington 25, D. C.
Attention: AMC RD-RP

Near Surface and Hydrofoil Craft

Robert E. Bateman
Mgr., Adv., Marine Sys. Org.
The Boeing Co.
Box 3707
Seattle, Wash.

OPERATIONAL ASPECTS: Papers are desired concerning problems and requirements of the user on which research and development is needed:

Fixed Wing, i.e., Conventional

Harry B. Combs
President, Combs Aircraft Inc.
Stapleton Airfield
Denver, Colo.

V/STOL

Robert L. Lichten
Chief, Experimental Project Engineer
Bell Helicopter Co.
Box 482
Ft. Worth, Texas

Near Surface and Hydrofoil Craft

Robert E. Bateman
Mgr., Adv., Marine Sys. Org.
The Boeing Co.
Box 3707
Seattle, Wash.

Please be sure that your abstract includes the following data: 1) a concise statement of the problem (and possibly its genesis) or objective covered; 2) an indication of the scope and methods of approach coupled with a statement of what you consider to be new or a contribution of the art; 3) a summary of important conclusions with a statement as to whether yours is new material or whether similar results have been, or may be, published or presented elsewhere (all papers presented at AIAA meetings will be considered for publication by AIAA; prior publication rights accordingly are reserved; papers published previously in AIAA publications or elsewhere are not eligible for presentation at an AIAA meeting); 4) a brief statement of the data used to substantiate your conclusions and free-hand sketches of major figures to be used; 5) your name, title, company affiliation, and address, including department or section; 6) a complete title of proposed paper.