Fourth Pacific Area Meeting Papers

Symposium on

FATIGUE TESTS OF AIRCRAFT STRUCTURES: LOW-CYCLE, FULL-SCALE, AND HELICOPTERS

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FOREWORD

The papers in this Symposium on Fatigue of Aircraft Structures were presented during four sessions held on October 1–3, 1962, at the Fourth Pacific Area National Meeting of the Society, Los Angeles, Calif. The symposium, sponsored by Committee E-9 on Fatigue, was organized into three broad categories.

The first section on Low-Cycle Fatigue was organized by Ivan Rattinger of Aerospace Corp. The second group of papers dealing with Helicopter Fatigue Problems was organized by M. J. McGuigan, Jr., of Bell Helicopter Corp. The final section of this symposium, on Problems in Design and Evaluations of Full-Scale Structures, was presented under the leadership of M. S. Rosenfeld of the Navy Air Material Center. The over-all chairman of the symposium program was H. F. Hardrath, National Aeronautics and Space Administration.

A transcript of the panel discussion on low-cycle fatigue held during this symposium was supplied by Ivan Rattinger.

Presiding officers of the sessions were R. E. Peterson, Westinghouse Electric Corp.; F. B. Stulen, Curtiss-Wright Corp.; H. J. Grover, Battelle Memorial Inst.; and T. J. Dolan, University of Illinois. Acting as session chairmen were Messrs. McGuigan, Hardrath, Rattinger, and Rosenfeld.

NOTE.—The Society is not responsible, as a body, for the statements and opinions advanced in this publication.

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