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# **Ames Research Center Publications — 1977**

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National Aeronautics and  
Space Administration

**Ames Research Center**  
Moffett Field California 94035

## FOREWARD

This volume is the fifth issue of *Ames Research Center Publications* covering literature published in 1977. The previous issues covered the period from July 1, 1971 through December 31, 1976. Annual issues are intended for each subsequent calendar year. *Ames Research Center Publications* continues the earlier *Contributions of Ames Research Scientists to the Aerospace Literature*, which covered the fiscal years 1969, 1970, and 1971.

The bibliography is divided into two sections: Section I includes published works appearing during the calendar year 1977; and Section II includes publications for earlier years not included in previous annual bibliographies. Publications are listed by directorate, type of publication and author. The Ames organization code appears in the lower right hand corner of each page containing citations for directorates represented in the bibliography. Each NASA report is identified by a technical report number and by a NASA accession number so that most items can be ordered by using the information provided.

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Betty R. Sherwood  
Compiler

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