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No. 956

BIBLIOGRAPHY ON PISTON RING LUBRICATION

By Mayo D. Hersey
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INTRODUCTION

In the course of an investigation of the lubrication, friction, and wear of aircraft engine piston rings conducted at the Massachusetts Institute of Technology under the sponsorship of the National Advisory Committee for Aeronautics, a survey was made of technical information contained in the literature on this subject. Over 300 sources were reviewed and classified according to the type of information presented.

Since it is believed that the results of this survey will be of interest to the laboratories and agencies who are currently engaged in research on aircraft piston rings, and to the manufacturers of aircraft engines, this classified bibliography has been prepared.

References are arranged chronologically by years and alphabetically by authors in any one year, as indicated by identification symbols in left margin. Classification symbols A, B, C at the right designate, respectively, engine experiments, other experiments, and publications without new experimental data. For example, reports on wear testing of ring materials belong in class B, while review articles and textbooks are put in class C.

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