



**Transonic aerodynamics
series organisation:
preface
location schedule
amendment record**

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TRANSONIC AERODYNAMICS SERIES ORGANISATION

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TRANSONIC AERODYNAMICS SERIES ORGANISATION

1. PREFACE TO TRANSONIC AERODYNAMICS SERIES

The aim of these Memoranda is to provide, in a form convenient to designers and others, information on aerodynamic phenomena in the transonic flow regime, though some will not be restricted to this speed range alone. The data and methods concerning Transonic Aerodynamics are widely scattered and when located may be at variance. The worker in this field does not, generally, have the facilities or time required to collect and evaluate all the data and methods available that may be applicable to a task. Accordingly, the Engineering Sciences Data Unit collects this information, evaluates it or correlates it as far as might be possible and presents authoritative statements on design methods and analytical procedures. The work is guided by the Transonic Aerodynamics Committee, the present constitution of which is:

Chairman	
Mr G.R. Richards	— Independent
Members	
Mr C. Burke	— Aircraft Research Association Limited, Bedford
Mr K. Burton	BAE SYSTEMS, Brough
Mr A. Dyke	Airbus, Bristol
Mr M. Finch	— Airbus UK, Filton
Mr M.C.P. Firmin	— Member Emeritus
Prof. J.L. Fulker	— QinetiQ, Aerospace Division, Bedford
Mr K.C. Hackett	— QinetiQ, Bedford
Mr G.R. Hargreaves	— BAE SYSTEMS, Woodford
Mr T. Pemberton	— BAE SYSTEMS, Warton
Dr S. Prince	— The City University, London
Dr S. Shaw	— Airbus UK, Filton
Mr P.W.C. Wong	— Aircraft Research Association Limited, Bedford
Dr M.M. Freestone	— Independent
Technical Staff	
Dr D.R. Philpott	— Senior Engineer

The person with overall responsibility for the work in this subject area is Mr D.J. Mitchell.

The Committee, which first met in September 1960 under the Chairmanship of Mr A.B. Haines, has the co-operation of the Society of British Aerospace Companies and of many individuals in the aircraft industry and research establishments from whom much assistance and unpublished information are being received. The Memoranda published to date (see Contents) in many cases do not provide data in the generalised parametric form sometimes used in the ESDU Aerodynamics Series because the subject matter contains too many variables for this form to be appropriate. This is likely to be the case with future Memoranda; their contents representing, at time of issue, what is considered to be the best information available presented in the form most convenient to the purpose of the user.

Because of the continuous increase of knowledge in this field some Memoranda may be of a tentative nature. Issue of tentative statements will be preferred, in some cases, to delaying the issue of useful information until a formal, more comprehensive, statement can be prepared. All Memoranda contain clear statements of their limitations and will be subject to review and re-issue, if appropriate, to ensure that they represent the best information available at any time.

Users should note that although Papers quoted in the Reference Section, or Bibliography, of Memoranda can usually be obtained by application to the appropriate quarters, no guarantee is given that they can always be so obtained.