

AERONAUTICAL JOURNAL BINDING

Journals for binding, with a note of the name and address of the sender, should be sent direct to the Lewes Press Ltd, Friars Walk, Lewes, Sussex BN7 2LH, and the remittance to the Secretary, at the offices of the Society.

1977 Volume (including postage and packing in the United Kingdom) £5.50

Previous Volumes (including postage and packing in the United Kingdom) £5.75

Members are asked to be certain that the address to which they want their journals sent is the same on their letters to the Lewes Press and to the Society.



Gas Dynamics Vols 1 & 2

by M.J. Zucrow and J.D. Hoffman, both of *Purdue University*.

Volume 1 contains a detailed introduction to the science of gas dynamics with extensive applications to problems in engineering. It uses a classical approach and presents numerical techniques to analyze the flow of imperfect gases. Volume 2 emphasizes numerical methods of solution and the analysis of multidimensional flows. Details numerous problems in SI units and presents computer programs for implementing the numerical methods.

0471 98440 X 782 pages September 1976 \$35.60/£19.90
0471 01806 6 490 pages August 1977 \$37.00/£18.95

Environmental Aerodynamics

by R.S. Scorer, *Professor of Theoretical Mechanics, Imperial College of Science and Technology, University of London*.

This successor book to the author's "Natural Aerodynamics" (1958) is now entirely rewritten and expanded by some 50% to include new topics and a treatment of recent developments. The text places the emphasis on physical understanding of the mechanics of a wide range of natural phenomena relevant in meteorology, air pollution, aviation, architecture and engineering. It also treats biological implications of aerodynamics and looks forward to new developments in such fields as insect control. The opening chapters review classical fluid mechanics through the eyes of a well-known environmentalist and meteorologist, making the mathematics come to life in support of physical understanding. There are new mathematical treatments of secondary vorticity, lee waves, billows, and even environmental turbulence which will be applicable to a wide range of problems. (Mathematics and its Applications: Series Editor, Professor G.M. Bell, Chelsea College, University of London)

approx. 400 pages In Press
085312 063 3 approx. \$30.40/£16.00

Published by Ellis Horwood Ltd., Chichester, and distributed by John Wiley & Sons Ltd.

John Wiley & Sons Limited
Baffins Lane · Chichester · Sussex · England

Choose with confidence

Dodson Bull

Discount and Service to members since 1961

CARPETS-FURNITURE-FABRICS

15% TO 33 1/3% DISCOUNT

In the Barbican Furnishing Centre we have a comprehensive range of carpets, furniture and fabrics by all leading manufacturers, on display in room settings. All our showrooms have a wide range of carpets on show—in addition Bristol and Manchester have furniture showrooms. All goods can be obtained from any branch. Just discuss your requirements with the manager—he will be pleased to help. We maintain substantial stocks for immediate delivery—free of charge—anywhere in the U.K. Full fitting service for carpets throughout the country.

PERSONAL EXPORT SCHEME
Goods may be shipped in bulk
or to individual requirements
—anywhere in the world!

ABERDEEN: 11 Exchange St., AB1 2NH. Tel: 54055/6
BIRMINGHAM: 164 Edmund St., B3 2HB. Tel: 021-236 5862
BOURNEMOUTH: 268 Old Christchurch Rd., BH1 1PH. Tel: 21248
BRIGHTON: 2-5 North Road, BN1 1YA. Tel: 66402
BRISTOL: 2-3 Royal London Hse., Queen Charlotte St., BS1 4EX. Tel: 28857
EXETER: 157 Fore St., EX4 3AT. Tel: 32019
FALMOUTH: 35 Killigrew St., TR11 3PW. Tel: 313555
GLASGOW: 166 Howard St., G1 4HA. Tel: 041-221 3278
LEEDS: 12 Great George St., LS1 3DW. Tel: 41451
LONDON: 100 Aldersgate St., EC2Y 8AE. Tel: 01-628 7020
MANCHESTER: 55-61 Lever St., M1 1DE. Tel: 061-236 3687/8/9
NEWCASTLE-upon-TYNE: 90-92 Pilgrim St., NE1 6SG. Tel: 20321/21428
WESTCLIFF-on-SEA: 495 London Rd., SS0 9LG. Tel: Southend 46569
Write, phone or call for details to Dept. RAS

Dodson Bull Ltd

Hours: Mon. to Fri. 9.00 - 5.30
Sat. 9.00 - 5.00 (London only)
BRANCHES CLOSE SATURDAYS at 12.30pm

Barbican Furnishing Centre (Opposite Barbican Underground Stn.)
100 Aldersgate Street, London EC2Y 8AE Telephone: 01 628 7020

DECCA AVIONICS

The British Ministry of Defence has chosen the new Decca Doppler 80 system and Automatic Chart Display to be the navigation system for British Army Westland/Aerospatiale Gazelle helicopters.

The contract, which has recently been signed, is worth over £2 million and provides for the equipping of more than 190 aircraft.

A number of overseas governments are showing keen interest in the Doppler 80 system and it is

believed that there is considerable export potential for it.

The basic Decca Doppler 80 system comprises a lightweight Doppler Radar with Position Bearing and Distance Indicator (PBDI). The Automatic Chart Display chosen by MOD is an additional system option.

The choice of the new Doppler 80 system follows the success of the Decca Doppler 70 series. Production of the 70 series Doppler now exceeds 1,000 units. The equipment has been

fitted to some 86 different types of fixed and rotary winged aircraft and is used by 45 different nations.

The Doppler 80 system has been designed specifically as a complementary system to the 70 series and will meet the operational requirements of small helicopters where cost, size, ease of installation and light weight are of paramount importance.



A Decca Doppler 80 equipped Westland/Aerospatiale Gazelle helicopter.



The Decca Navigator Company Limited
9 Albert Embankment London SE1 7SW

