



THE AERONAUTICAL QUARTERLY

A JOURNAL DEVOTED TO AERONAUTICS AND THE ALLIED SCIENCES

Vol XXIX

February 1978

Part 1

CONTENTS

The Aerodynamic Efficiency of Windmills	<i>G.M.Lilley</i>	1
The Confluence of Three Shock Waves in Three-dimensional Flow	<i>B.L.Hunt and P.J.Lamont</i>	18
Some Measurements in Two-dimensional Turbulent Wakes	<i>K.W.Everitt</i>	28
Effects of Stream Turbulence on Free Shear Flows	<i>R.P.Patel</i>	33
On the Calculation of the Incompressible Flow Past an Aerofoil with a Jet Flap	<i>R.O'Mahoney and F.T.Smith</i>	44

ROYAL AERONAUTICAL SOCIETY
4 HAMILTON PLACE, W1V 0BQ
LONDON

THE AERONAUTICAL QUARTERLY

Editorial Board

Professor W A Mair, CBE, MA, FRAeS (*Chairman*)
Sir Arnold Hall, MA, FRS, HonFRAeS, HonFAIAA
Dr J H Horlock, MA, PhD, FRS, FRAeS
Lord Kings Norton, DSc, DIC, PhD, HonFRAeS, FAIAA
Sir Morien Morgan, CB, MA, FRS, FRAeS
Sir Alfred Pugsley, OBE, DSc, FRS, HonFRAeS
Professor S C Redshaw, DSc, PhD, FRAeS, FICE, FIStructE
Sir Owen Saunders, FRS, FRAeS
Professor W H Wittrick, ScD, PhD, FRAeS

Editor — Prof. L.F.Crabtree
Queen's Building
University Walk
Bristol BS8 1TR

Editorial Referees

It has been decided to omit the full list of referees, previously appearing on this page, and instead to acknowledge from time to time the help of those referees who have advised the Editor during the previous year. A list of these appeared in the November 1977 issue.