



THE AERONAUTICAL JOURNAL

DECEMBER 1971

NOTICES

- THE BOEING 747—THE PILOT'S VIEW **Brien S. Wygle**
- BOEING MODEL 347 FLYING QUALITIES DEMONSTRATOR **W. Euan Hooper**
- THE APPLICATION OF "FAST-TIME" SIMULATION TECHNIQUES TO THE STUDY OF ATC SYSTEMS **Dr. R. J. Burford**

TECHNICAL NOTES

- Effect of Environmental Forces on the Attitude Dynamics of Gravity Orientated Satellites. **V. J. Modi and R. C. Flanagan**
- Part II. Intermediate Altitude Orbits Accounting for Earth Radiations
- Biaxial Yield Criteria **Dr. E. H. Mansfield**
- The Analysis of Radial Flow Impellers by the Matrix Finite Element Method **A. S. L. Chan and R. K. Henrywood**

THE LIBRARY

SUPPLEMENTARY PAPERS

- THE EFFECT OF CARBON FIBRE COMPOSITES ON DESIGN **R. C. Sanders**
- A CARBON FIBRE VULCAN AIRBRAKE FLAP **J. Fray**
- THE USE OF CARBON FIBRE COMPOSITES IN HELICOPTERS **H. F. Winny**

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Incorporating The Institution of Aeronautical Engineers and The Helicopter Association of Great Britain

Telephone: 01-499 3515 Telegrams: Didaskalos, London, W1

Published Monthly at 4 HAMILTON PLACE, LONDON W1V 0BQ

Subscriptions: £15.75 per annum, post free
Single Copies, including back numbers: £1.50

VOLUME 75

NUMBER 732

DECEMBER 1971

CONTENTS

	Page
NOTICES	xii
Brien S. Wygle THE BOEING 747—THE PILOT'S VIEW	821
W. Euan Hooper BOEING MODEL 347 FLYING QUALITIES DEMONSTRATOR	826
Dr. R. J. Burford THE APPLICATION OF "FAST-TIME" SIMULATION TECHNIQUES TO THE STUDY OF ATC SYSTEMS	839
TECHNICAL NOTES	
V. J. Modi and R. C. Flanagan Effect of Environmental Forces on the Attitude Dynamics of Gravity Orientated Satellites. Part II. Intermediate Altitude Orbits Accounting for Earth Radiations	846
Dr. E. H. Mansfield Biaxial Yield Criteria	849
A. S. L. Chan and R. K. Henrywood The Analysis of Radial Flow Impellers by the Matrix Finite Element Method	850
THE LIBRARY	861

SUPPLEMENTARY PAPERS

R. C. Sanders THE EFFECT OF CARBON FIBRE COMPOSITES ON DESIGN	867
J. Fray A CARBON FIBRE VULCAN AIRBRAKE FLAP	875
H. F. Winny THE USE OF CARBON FIBRE COMPOSITES IN HELICOPTERS	880

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PRINTED BY THE LEWES PRESS LTD, FRIARS WALK, LEWES, SUSSEX, ENGLAND, AND PUBLISHED BY THE ROYAL AERONAUTICAL SOCIETY, 4 HAMILTON PLACE, LONDON, W1V 0BQ, ENGLAND.

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