

Aerospace

The following is a list of main papers published in Aerospace during the past year:

JULY 1974

The role of the RAE in European collaboration
R. P. Probert, MRAeS

Automatic control—the new dimension in aircraft
design
P. A. Hearne, FRAeS

Aerospace talks to the President (B. P. Laight,
FRAeS)

AUGUST 1974

Aeronautics in a finite world
J. E. Allen, FRAeS

Aeronautics and the quality of life
Prof. D. A. Gabor

Aerospace talks to Sir Harry Broadhurst

No September issue published

OCTOBER 1974

The life and work of H. P. Folland
E. H. S. Folland

The development of the Nomad and its STOL
capability
S. G. Pearce, MRAeS

Aerospace talks to Dr. George Hislop

NOVEMBER 1974

Growth of aviation in New Zealand
Sir Geoffrey Roberts

The aeronautical activities of the NGTE
I. M. Davidson, FRAeS

Aerospace talks to Lawrie Wingfield

DECEMBER 1974

Spacelab—Europe's orbital laboratory
Dr. D. J. Shapland

The introduction of Rapier into the RAF
Air Vice-Marshal D. A. Pocock

Aerospace talks to Alan Bramson

JANUARY 1975

Civil offshore helicopter operations
David Videan, FRAeS

Operational and technical problems of European air
traffic
Franz Roth, FRAeS

Aerospace talks to Mike Ramsden

FEBRUARY 1975

Prestwick 1935–75
Wg. Cdr. N. J. Capper

Development of the Bulldog and Jetstream
Capt. John Blair

Aerospace talks to Stanley Roscoe

MARCH 1975

Airworthiness—yesterday, today, tomorrow?
Dr. Walter Tye, FRAeS

The life and work of Sir Alan Cobham
Peter G. Procter

Aerospace talks to Alan Stratford

APRIL 1975

From Merlin to Pegasus, from Hurricane to Harrier
Sir Stanley Hooker, HonFRAeS

The Edwards Report in retrospect and prospect
Prof. Sir Ronald Edwards

Aerospace talks to Philip Norman

MAY 1975

Forty years on
Roy Sisson, FRAeS

European aerospace—the choice
A. H. C. Greenwood, FRAeS

JUNE/JULY 1975

Opportunity in short haul aviation
C. F. Bethwaite, FRAeS

Engineering and supply in the RAF
Air Marshal Sir Charles Pringle, FRAeS

Aerospace talks to Dr. Tony Barrett

Copies of Aerospace, price 50p each (\$1.20) may be obtained from The Royal Aeronautical Society, 4 Hamilton Place, London W1V 0BQ.

CARPETS

for aircraft, passenger reception, airline offices, flying clubs, etc.

All leading makes of Branded Carpets
WILTONS · AXMINISTERS · TUFTED · ORIENTALS

at Highly Competitive contract prices

Expert fitting service and free delivery throughout UK

OVER £200,000 STOCKS in our London showrooms

Private individuals in the aircraft industry may purchase from us at up to 30% DISCOUNT

DODSON BULL CARPET CO. LTD.

Please write to Dept. R.A.S.

LONDON: 5 & 6, Old Bailey, EC4M 7JD. Tel: 01-248 7971
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
GLASGOW: 166, Howard St., G1 4HA. Tel: (041) 221 3278
LEEDS: 12, Great George St., LS1 3DW. Tel: 41451
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
 Open: 9.00-5.30 Mon.-Fri., Sat. 9.00-12.00



Portsmouth Polytechnic



Department of
 Mechanical Engineering
 and Naval Architecture

Fatigue as a Design Criterion

The main purpose of this course is to study in depth high cycle fatigue, low cycle fatigue and fracture mechanics, with a view to establishing the fundamentals of fatigue design. The course would be of interest to engineers, materials scientists and physicists, as well as others interested in the mechanical behaviour of materials.

The course will be held from 13th to 24th October.

Further details may be obtained from:

Dr. T. V. Duggan
 Department of Mechanical Engineering
 Portsmouth Polytechnic
 Anglesea Road
 PORTSMOUTH PO1 3DJ

Tel No Portsmouth (STD code 0705) 27681
 Ext 128

Microfilm Service for Back Issues

The Society is having to run down its back issue operation with Dawsons and Sons Ltd. In its place the microfilm facilities with University Microfilm Ltd are being extended. Costs of the new service are detailed below:

The Aeronautical Journal

35mm:

January 1897–December 1958 £200.50
 January 1959–December 1973 £5.20 pa
 1974 +, subscription price..... £4.05 pa

16mm:

January 1966–December 1973 £5.20 pa
 1974 +, subscription price..... £4.05 pa

The Aeronautical Quarterly

35mm:

May 1949–November 1956
 February 1959–1973..... £3.00 pa
 1974 +, subscription price..... £2.30 pa

16mm:

February 1966–1973..... £3.00 pa
 1974 +, subscription price..... £2.30 pa

Aerospace

Will be taken on by University Microfilms at the end of 1975 for the period July 1974–December 1975, and annually thereafter at prices which will be advised in due course.

The microfilms can be obtained by writing direct to University Microfilms Ltd, St. John's Road, Tylers Green, High Wycombe, Bucks. HP10 8HR. Tel.: 049-481 3844.

DECCA AVIONICS

Decca Aviation Electronics – the choice of an ever growing number of users:

Decca Doppler has been installed in over 70 different types of aircraft and supplied to more than 35 different countries. The TANS Computer/Display has been chosen by the British Armed Services.

The Decca Navigator is used by the Royal Air Force, British Airways and in a wide variety of

fixed and rotary wing civil and military aircraft throughout the world.

Decca Loran is used by the RAF, the USAF and many airlines. The MONA area navigation system, certified by the CAA and FAA in the Lockheed TriStar, is now in widespread airline service.

Decca provides a range of airborne VHF Nav/Comm and DME equipment, ordered in quantity by the Ministry of Defence.

Ground equipment includes a

CAA approved NDB, ILS, and a Doppler/VOR Beacon recently awarded a contract by the Portuguese Directorate General of Civil Aviation. The AN/TRN-26 portable TACAN has been chosen by the Ministry of Defence (RAF).

The Decca range of equipment includes electronic warfare systems, ASMI, radio communications and Omega.

Throughout the world, Aviation relies on Decca for safety and reliability in navigation.



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



Decca Doppler VOR at Biggin Hill