



SEPTEMBER 1975

THE
aeronautical
JOURNAL



THE ROYAL AERONAUTICAL SOCIETY

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

Operation 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

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Cover picture:

Although the outward shape of the helicopter has hardly altered over the years when compared with the changes in configuration of the second and third generation of jet-powered airliners, they have undergone radical developments in engineering and control techniques. K. I. Grina describes in this issue the progress made at Boeing and mentions the Canadian Forces CH-147 shown on the cover which has a maximum gross weight of 50 000 lb compared with the 33 000 lb of the original CH-47A introduced in 1962.

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