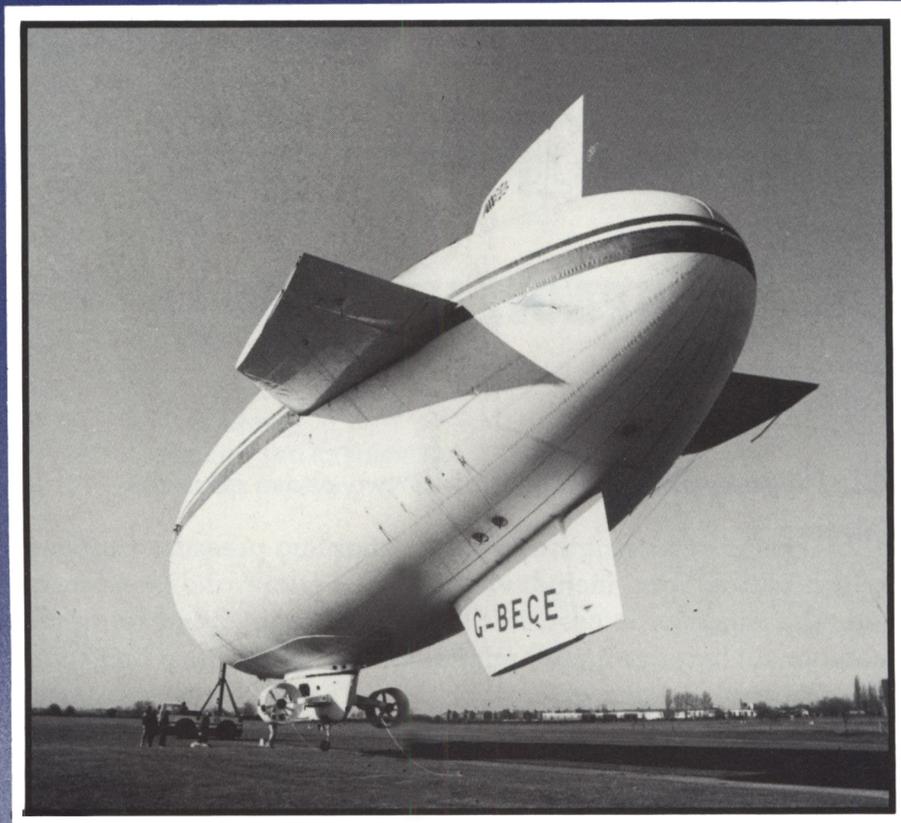


The **AERONAUTICAL** Journal



MARCH 1981 Volume 85 No 842

**Airship technology —
components and installations
Communications to RPVs**

COMpac 8018

SPECIFICATION

SUBJECT: Pressure change in the flow of two-phase mixtures.

PURPOSE: This is an interactive program enabling pressure changes in pipes carrying two-phase flow, including those in boilers and condensers, to be estimated. The program is used in SI units and is intended for application to single-component (vapour-liquid) mixtures. Any fittings must be accountable in terms of additional lengths of straight pipe. The COMpac assumes no prior computer knowledge and responds in a logical fashion that is instructive for those without specialist knowledge of two-phase flow. For those with such knowledge, it is a flexible and powerful tool.

BASIS: ESDU Data Items Nos. FMI 2, 76018, 77016, 78001 and 78018 with latest amendments.

MECHANICAL DETAILS: The COMpac comprises a User's Manual, ESDU Data Items FMI 2, 76018, 77016, 78001 and 78018, and a program currently available in the following form(s):

1. DC-300A Data Cartridge for Tektronix 4051 (16k version), 4052 or 4054.

MAY 80



ENGINEERING
SCIENCES
DATA UNIT

251-259 Regent Street, London W1R 7AD Tel: 01-437 4894 Telex: 266168 Endasa G
Suite 1037, 733 15th Street NW, Washington DC20005 Tel: (202) 638 0055

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Editor: Jay Wolff,
Assoc. Member RAeS
Assistant Editor: Carol Evans

Secretary of the Society:
E. M. J. Schaffter, MA, CEng, FRAeS
4 Hamilton Place, London W1V 0BQ
Tel: 01-499 3515
Telegrams: Didaskalos,
London W1

Advertisements:
J. G. Heller,
Cheiron Media Ltd,
43a Dulwich Village,
London SE21 7BN
Tel: 01-299 1711/2

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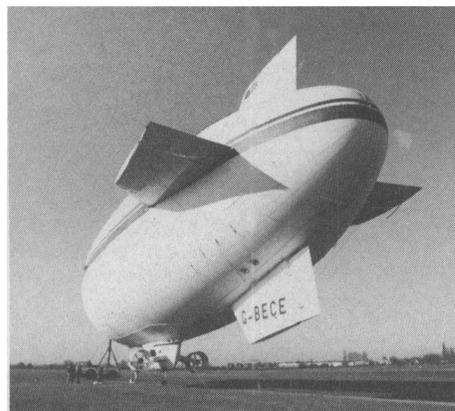
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The AD500, a British designed and built
airship, photographed at Cardington,
Bedfordshire in March 1979. A successor to
this airship is now being manufactured and
will be assembled this summer.

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