

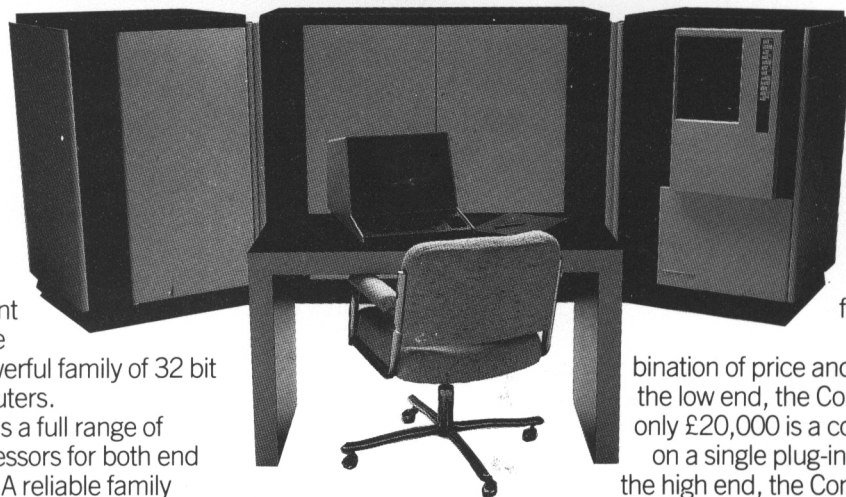
The **AERONAUTICAL** Journal



**Role of research establishments
Control and management systems
Aerodynamics of ski-jumpers**

DECEMBER 1982 Volume 86 No 860

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Incorporating The Institution of Aeronautical Engineers
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Editor: Jay Wolff,
Assoc. Member RAeS

Assistant Editor: Michèle Didyk

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:
Harris Associates,
15 Studlands Rise,
Royston, Herts SG8 9EZ.
Tel: 0763 42890

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Photograph courtesy of Swiss National Tourist Office.

Cover picture

Scientific methods are increasingly being
applied to every branch of sport in order to
obtain the maximum from human
performance. In this issue, A. J. Ward-Smith
and D. Clements report on the aerodynamic
pitching moment, lift and drag forces acting on
a ski-jumper during the free-flight and landing
phases measured using scaled models in a
wind tunnel, and measurements and
observations of actual ski-jumps.

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