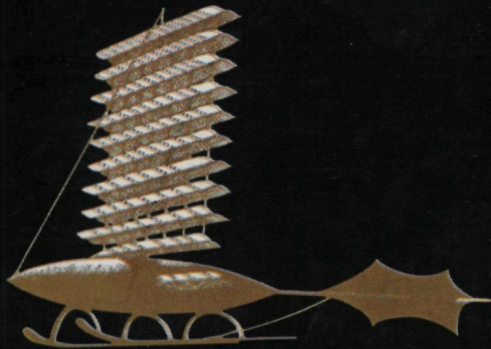




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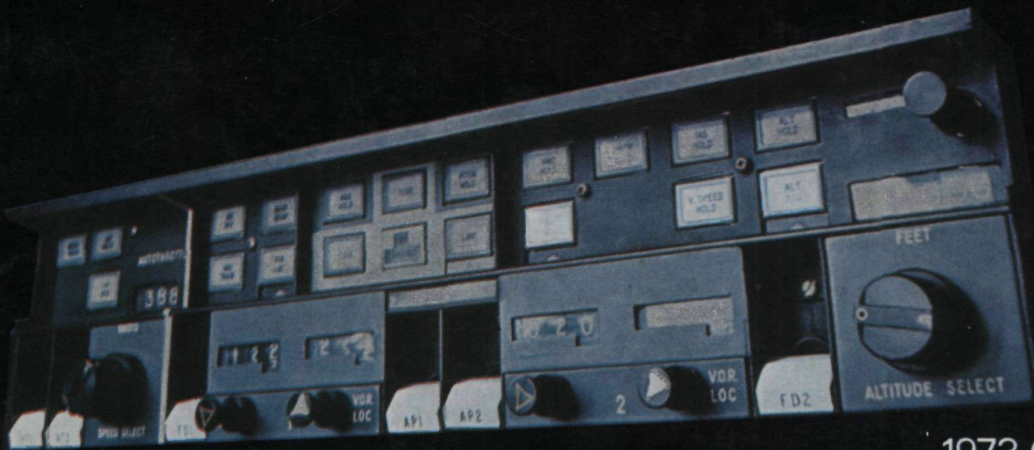
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THE *aeronautical* JOURNAL



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contents

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Cover picture:

The ten winged glider or deca-plane depicted on the cover was built by Charles Renard in 1873 and was the first design to incorporate a form of automatic flight control in that its lateral stability was augmented by rotatable wings on each side of the fuselage. In contrast, the pilot's controller shown is for the Concorde automatic flight control system produced by Marconi-Elliott Avionic Systems Ltd in collaboration with SFENA. The system comprises dual autopilots, flight directors, automatic throttles, landing displays, incidence controls and on-board testing and is used from take-off until touchdown. The history of the first hundred years of automatic flight control is given in the paper by R. W. Howard which appears in this issue.

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