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Cover picture:

Interface problems with aircraft power supplies have become more acute with the development of advanced avionic systems that have ever increasing application to the basic control and safety of the aircraft. J. P. Ratcliffe examines the reasons for the controversy concerning present day avionic power supplies in this issue and concludes, *inter alia*, that far greater attention should be paid to power supply compatibility in the future. An impression of the complex and intricate wiring of a modern transport aircraft is given in this picture of the flight deck area of an early Concorde.

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