



AUGUST 1976

THE  
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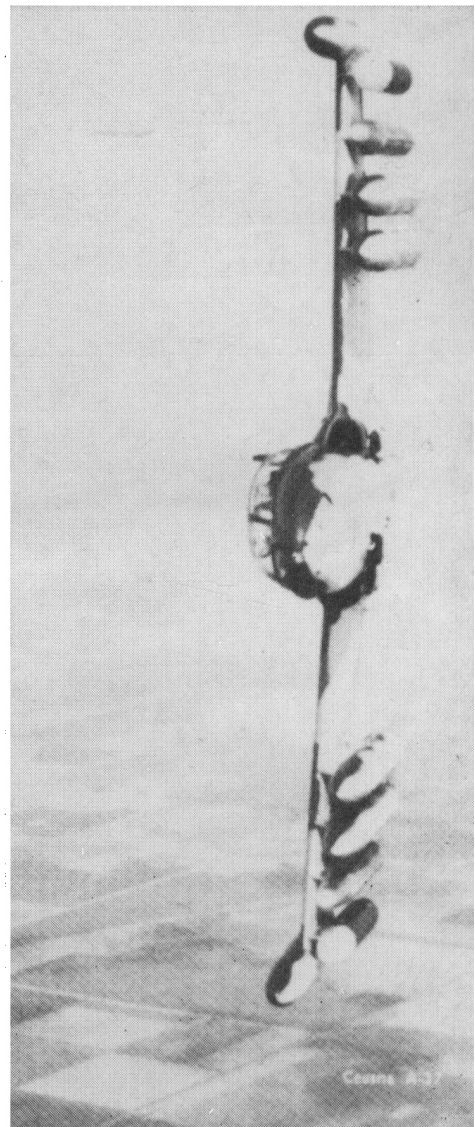
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VOLUME 80  
NUMBER 788  
AUGUST 1976

THE  
**aeronautical**  
JOURNAL

*Incorporating The Institution of Aeronautical Engineers and  
The Helicopter Association of Great Britain*

*Published Monthly*

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must be taken as expressing the  
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- Advertisements:  
John G. Newman,  
Wheelwrights, Dormansland,  
Lingfield, Surrey RH7 6PS.  
Tel: Lingfield (STD 0342)  
832603.*
- Printed by  
Lewes Press Ltd.,  
Lewes, Sussex, England.
- Subscriptions: £27.50 per annum,  
post free.
- Single copies, including back  
numbers: £2.50
- Published by  
The Royal Aeronautical Society,  
4 Hamilton Place,  
London W1V 0BQ, England.  
ISSN: 0001-9240
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### Cover picture:

A socially acceptable noise level is perhaps of even greater importance for a short haul airliner than the intercontinental types and the present families of high bypass ratio single stage turbofans have become established as the preferred design for high subsonic cruise aircraft, from both noise and fuel consumption characteristics. Typical of the small engines in this field is the M45H, originally a joint project of Rolls-Royce and Snecma, shown on the cover installed in the unusual overwing position on the VFW 614. Messrs Denning, Miller and Wright discuss in this issue the possible trends of this type of engine over the next two decades.

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