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THE AERONAUTICAL JOURNAL

APRIL 1970

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ANNUAL REPORT AND ACCOUNTS				
THE PICTURES OF "THE THREE FAVORITE AERIAL TRAVELLERS" Lord Kings Norton				
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THE ROYAL AERONAUTICAL SOCIETY 4 HAMILTON PLACE LONDON W1

https://doi.org/10.1017/S0001924000047540 Published online by Cambridge University Press

27s 6d

THE AERONAUTIGAL JOURNAL

THE ROYAL AERONAUTICAL SOCIETY

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

 Telephone: 01-499 3515
 Telegrams: Didaskalos, London, W1

 Published Monthly at 4 HAMILTON PLACE, LONDON W1V 0BQ

 Subscriptions: £15 15s. 0d. per annum, post free
 Single Copies: 27s. 6d.

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PRINTED BY THE LEWES PRESS WIGHTMAN & CO. LTD., LEWES, SUSSEX, ENGLAND, AND PUBLISHED BY THE ROYAL AERONAUTICAL SOCIETY, 4 HAMILTON PLACE, LONDON, W1V OBQ, ENGLAND.

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The unretouched photo taken on long exposure shows a $5\frac{1''}{2}$ c.r.t. display of engine pressure ratio and emphasises the clarity and stability of the symbology. Virtually any type of information can be presented on this type of head-down display on a sequential or selective basis.

The head-down unit receives information from the new Smiths digital waveform generator, which represents a major advance in symbol generation for electronic displays.

Small, light and entirely new in concept, this generator greatly increases the flexibility of the display system by use of plug-in modules for re-programming. It employs M.O.S. chips and multi-layer circuit boards for greater reliability and will accept digital and/or analogue input signals —other features include failure monitor capability, press-to-test facility and a predicted MTBF in excess of 1000 hours.

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	2·0 ·	2:0 :	2·0 ·
1.44 —	_1.5 🗢 _	- ^{1.5}	-1.2
	1.0	1.0	1.0
EPR	1.53	1.46	1.41
Νι %	93	85	91
Т _{бт} ℃	.742	701	723

Compensation for variations in fuel permittivity is easily incorporated by the addition of an immersed capacitance reference unit.

While primarily designed for aircraft fuels, Type 7 can also be applied to oil contents measurement.

A ltitude alerting meets FAA mandatory requirements

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