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JUNE 1973

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Cover picture:

One classic example of a composite aircraft was the Short-Mayo Composite of 1937 featured in our cover picture. This was built to test the theories of Major Mayo on assisted take-off and very long-range flights. The upper component was too heavily laden to take off under its own power and the wings of each aircraft had different C_L such that at the desired speed and altitude the upper component carried the greater proportion of the combined weight ensuring a clean separation. Composite aircraft are the theme of the paper by P. A. E. Stewart on "Airborne aircraft carriers" in this issue.

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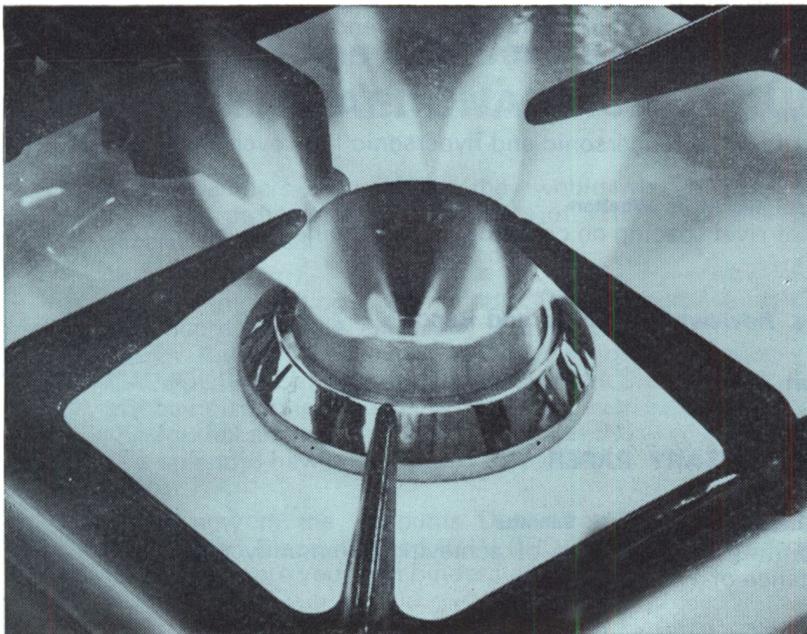
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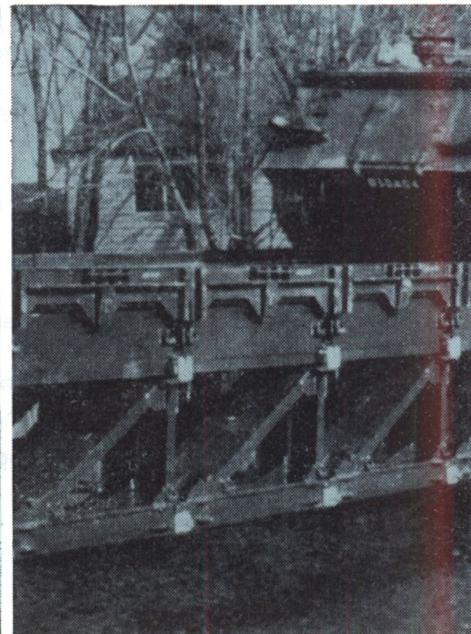
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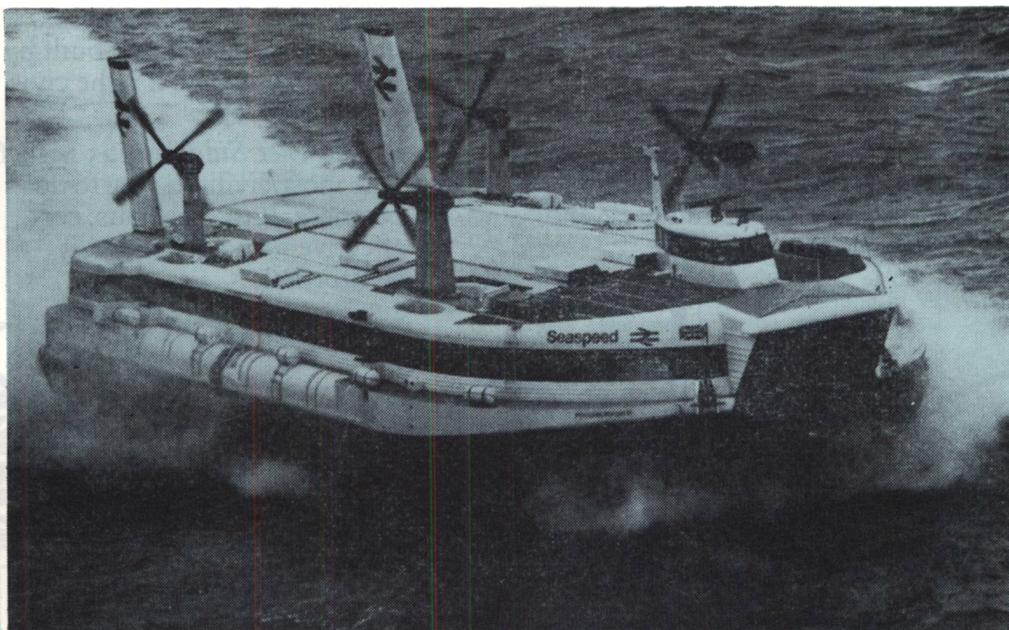
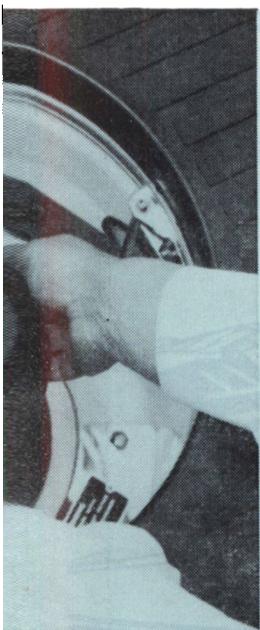
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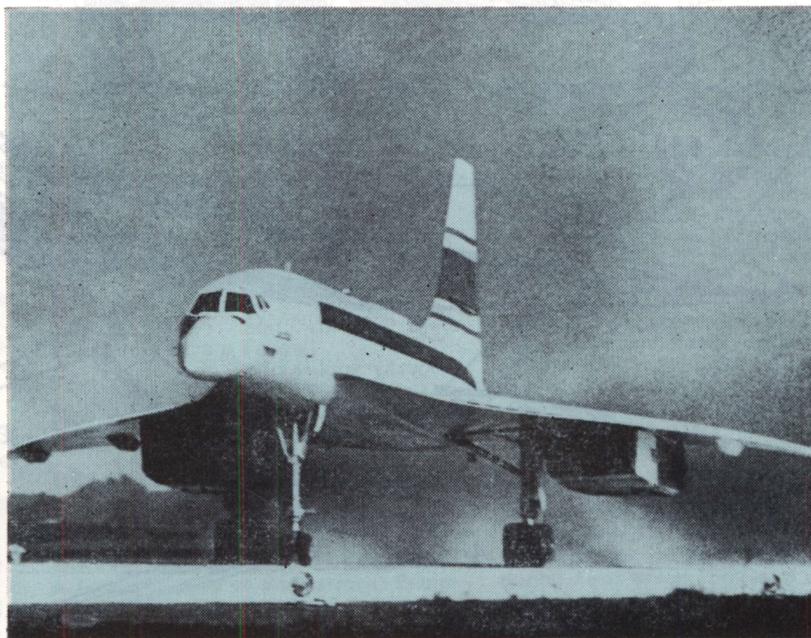
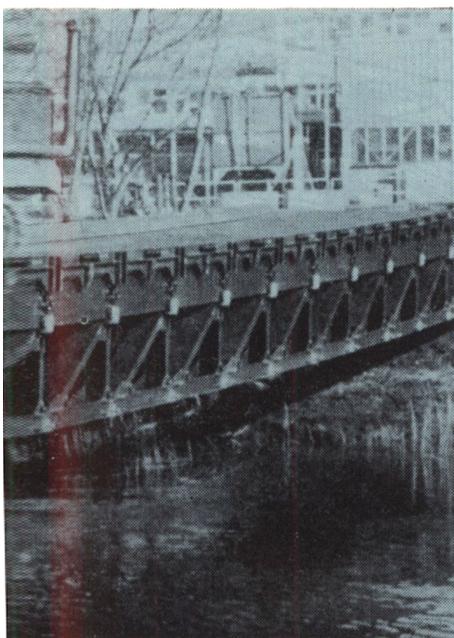
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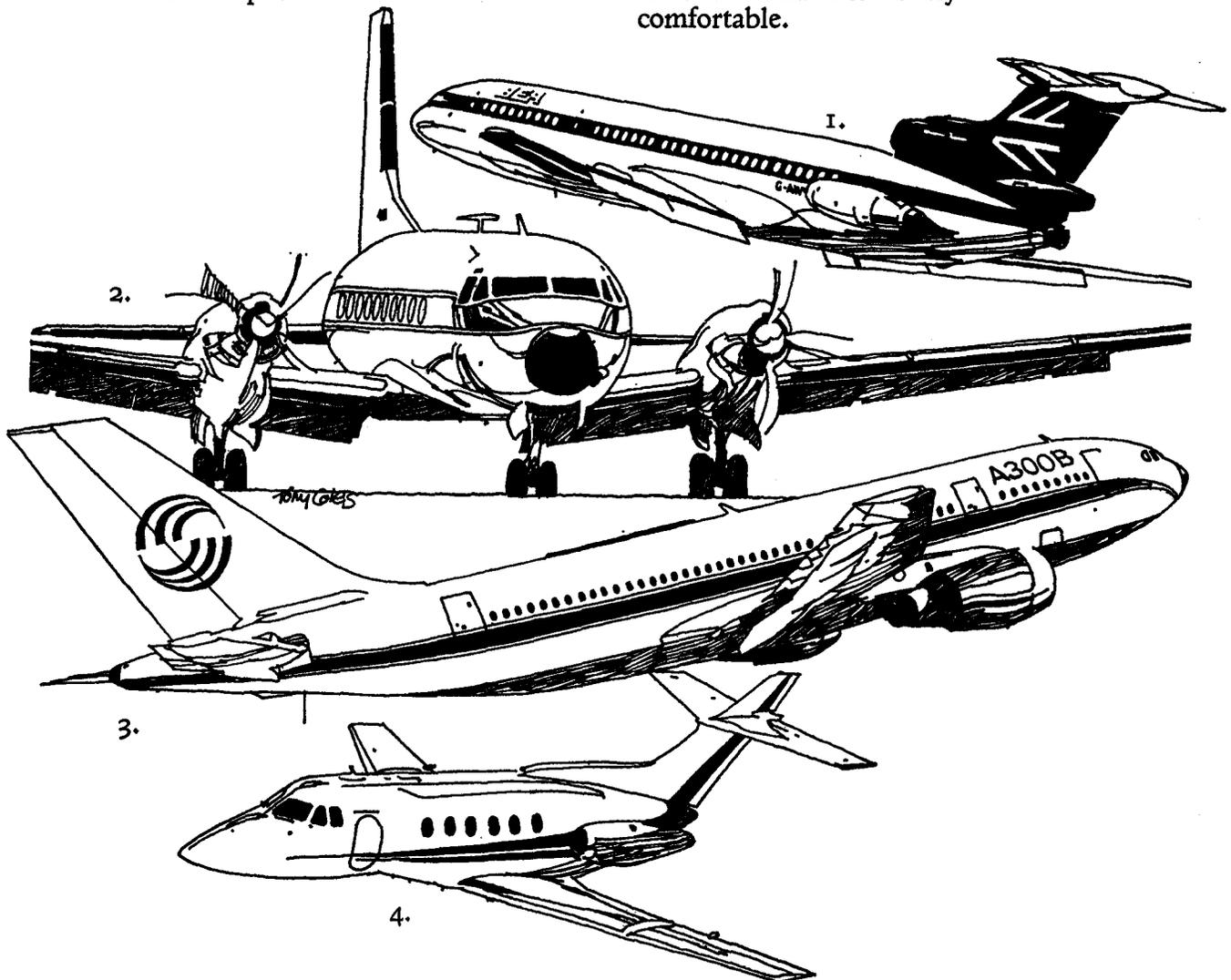
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