

The Journal of

**THE HELICOPTER
ASSOCIATION OF
GREAT BRITAIN**

CONTENTS include

The Possibility of the Flight Simulator as a
Training Aid to Helicopter Pilots By
Norman Hill and Pierre de Guillenchmidt

Bristol Type 173 Design Development and
Experiences By Raoul Hafner

LONDON
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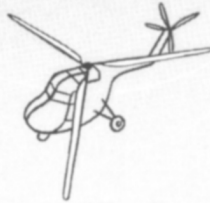
Vol 8 No 4 APRIL, 1955



Helicopter

MAIN & TAIL

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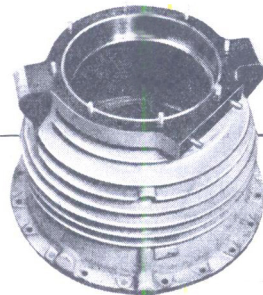
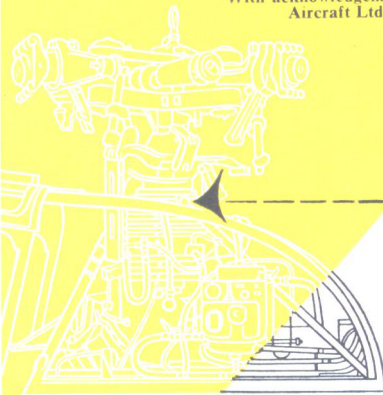


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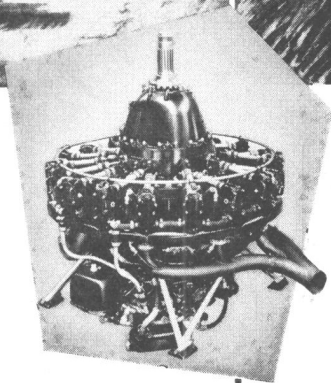
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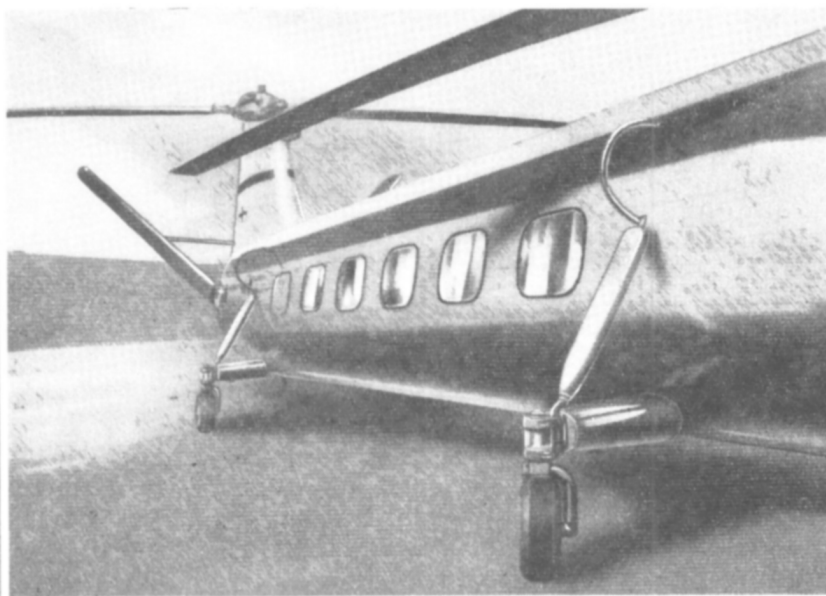
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OF GREAT BRITAIN

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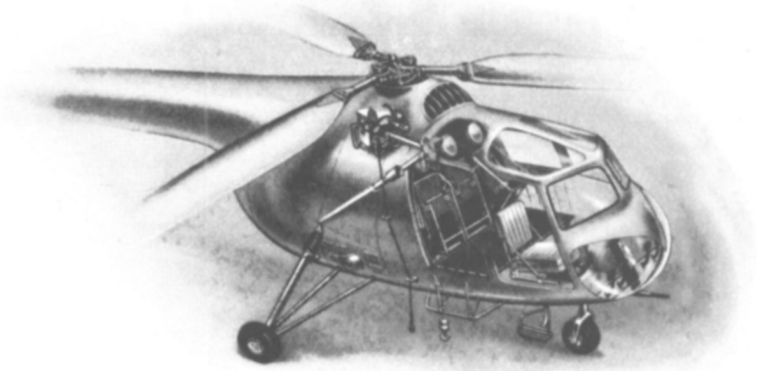
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OBJECTS OF THE ASSOCIATION

The objects of the Association are to collect compile and disseminate information of a technical and semi technical nature pertaining to Helicopters and all other types of Rotating Wing Aircraft. The Association aims to work in close co operation with existing Aeronautical Bodies on matters affecting its objects and it may act as an Advisory Body in the promotion of legislation calculated to be of benefit to the development of Rotating Wing Aircraft.



S Y C A M O R E

THE Bristol Sycamore Mark 4 helicopter is here shown equipped for search and rescue duties, for which it has been adopted by the Royal Air Force. The hydraulic winch, which is served by a hydraulic pump attached to the drive on the main gearbox, is installed on the side of the fuselage above and immediately aft of the starboard entry, so that the cable hangs directly in front of the opening. The intercommunication cable which links the crewman with his pilot during a rescue operation is secured immediately beside the opening, below which is a guard-rail which provides a convenient handgrip when a casualty is brought aboard. The canvas screen which covers the aperture during flights to and from the scene of rescue is rolled up above the opening, leaving a completely unobstructed entry. The door sill is flush with the floor, which is level throughout and wholly covered by a rubber drip-tray. The three canvas folding seats at the rear of the cabin are shown ready for use, and first-aid equipment is secured to the bulkhead immediately above the seats.

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