

*The Journal of*

THE HELICOPTER  
ASSOCIATION OF  
GREAT BRITAIN

CONTENTS include

Problems associated with the Strength Assessment  
of Rotor Blades by V A B Rogers

Military Helicopter Operations in Malaya  
by W R Williams

Helicopter Operations at Port Said by J F T Scott

LONDON  
4, THE SANCTUARY,  
WESTMINSTER S W 1

Vol 11 No 4 AUGUST, 1957



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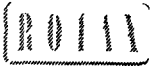
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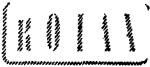
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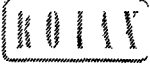
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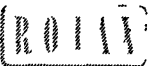
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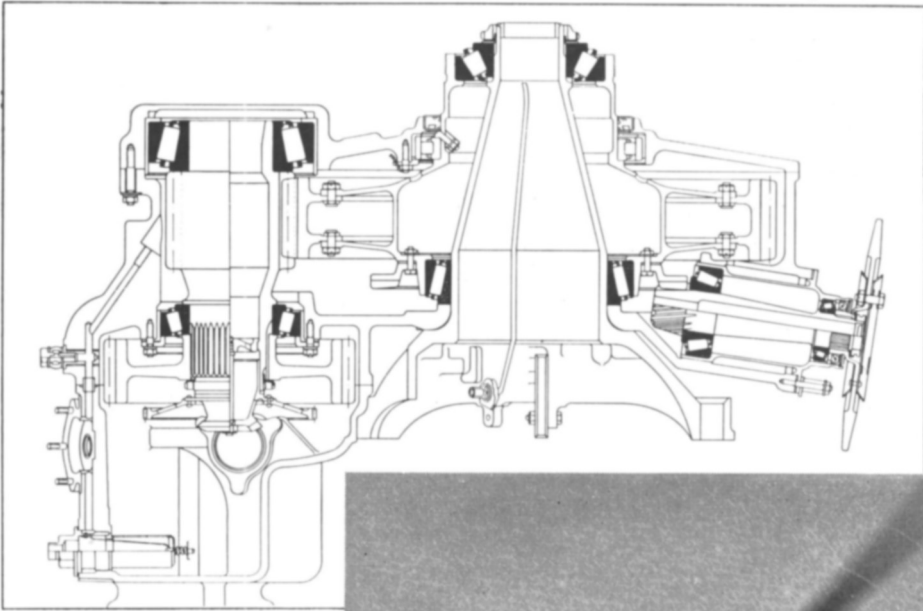


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The twin rotor Bristol 192 is powered by two 1 300 s h p N Ga 2 free turbine GAZELLES mounted vertically and with an emergency rating (applicable to single engine operation) of 1 650 s h p. The GAZELLE can be installed in any position between vertical and horizontal.

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This Fairey Rotodyne convertible helicopter is powered by two 3 500 e h p ELAND propeller turbines each with an auxiliary compressor mounted co-axially at the rear which supplies compressed air to combustion chambers at the rotor tips for vertical flight.



### Powered by two Elands

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VOL 11 No 4

AUGUST 1957

PRICE 10/6

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### OBJECTS OF THE ASSOCIATION

The objects of the Association are to collect complete and dis-  
seminate 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  
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## GERMANY SELECTS BRISTOL SYCAMORES

Bristol Sycamore Helicopters are coming into service with the German Army, Navy and Air Force on ambulance, search and rescue, and transport duties.

An order for fifty Sycamores has been placed by the Federal German Ministry of Defence with Bristol Aircraft Limited. Deliveries have already begun. Since the Sycamore was chosen after

exhaustive evaluation trials, its selection is a tribute to its versatility and reliability.

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→  
**Sycamore**

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