

*The Journal of*

THE HELICOPTER  
ASSOCIATION OF  
GREAT BRITAIN

LONDON

LONDONDERRY HOUSE,  
19 PARK LANE, LONDON, W 1

Vol 6 No 3 ~~JAN-FEB-MARCH, 1959~~

~~NOV-DEC 1952 JAN 1953~~



# Helicopter

MAIN & TAIL

# Rotor Blades



**HORDERN — RICHMOND**  
LIMITED

HYDULIGNUM WORKS, HADDENHAM, BUCKS., ENGLAND  
TELEPHONE: AYLESBURY 1100, 1102      TELEGRAMS: WINSTIX, HADDENHAM, BUCKS.



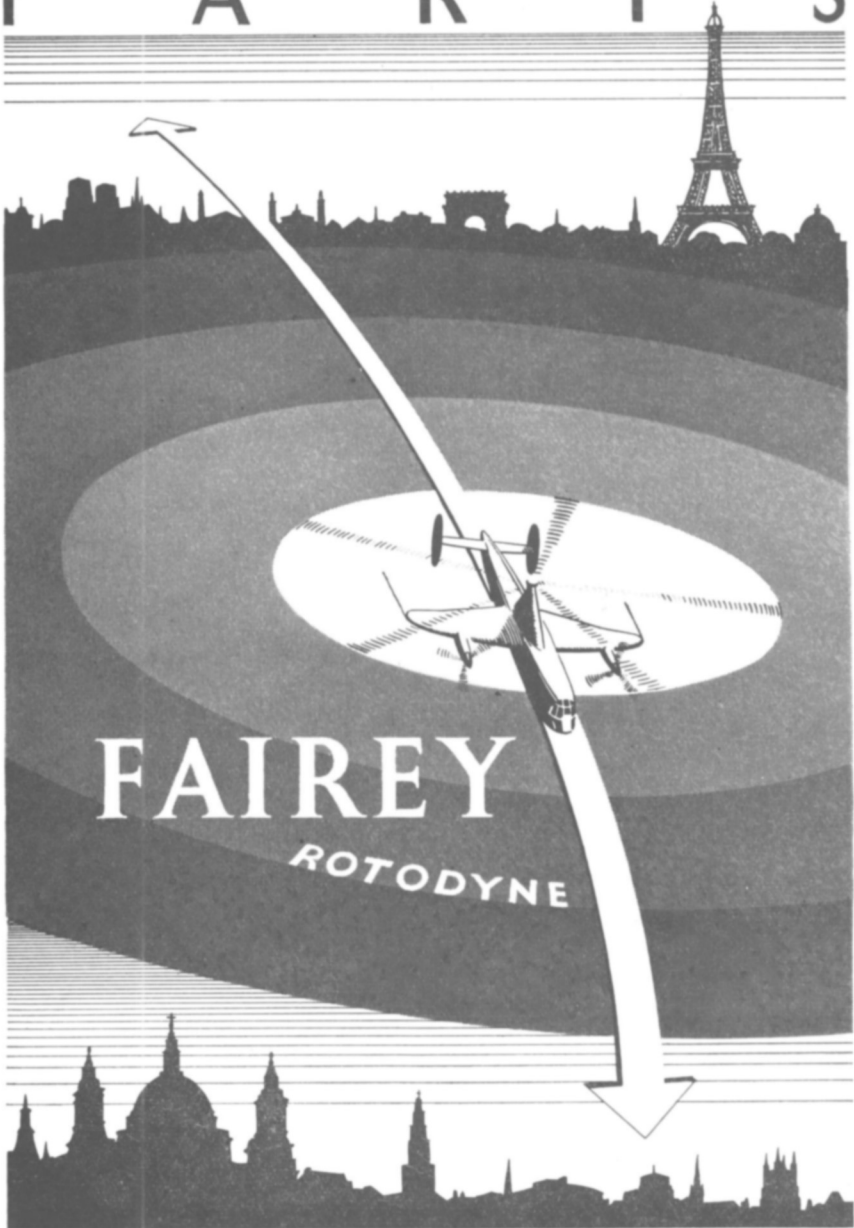
*The Bristol 173 Helicopter is fitted  
with two Alvis Leonides Engines*



**LEONIDES**

ALVIS LIMITED COVENTRY ENGLAND

P A R I S



FAIREY  
ROTODYNE

L O N D O N



*The*  
**WESTLAND**  
*S.55*  
*HELICOPTER*

FIRST BRITISH 10/12 SEATER  
TO BE BUILT FOR H M FORCES



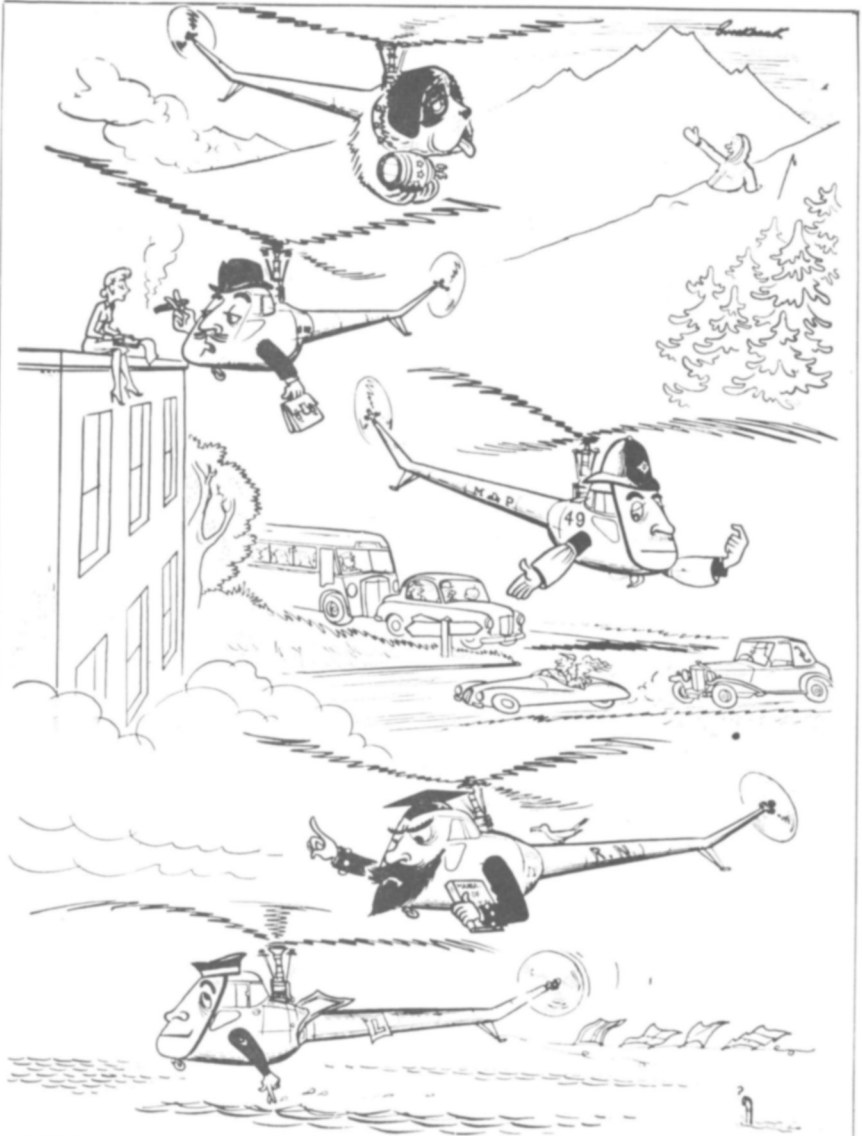
FIRST BRITISH HELICOPTER  
WITH OVER 1,200 lbs PAYLOAD



FIRST LARGE BRITISH  
HELICOPTER IN FULL PRO-  
DUCTION FIRST MACHINE  
OFF THE PRODUCTION LINE  
AND NOW FLYING



WESTLAND AIRCRAFT LTD , YEOVIL, ENGLAND  
CABLES AIRCRAFT, YEOVIL



*Skeeter applications*

*drawn by Brockbank*

Issued by

**SAUNDERS  ROE LTD**

Helicopter Division, Eastleigh, Southampton

WORKS AT EAST COWES, ISLE OF WIGHT EASTLEIGH, SOUTHAMPTON BEAUMARIS, ANGLESEY

*The Journal of*  
**THE HELICOPTER ASSOCIATION**  
**OF GREAT BRITAIN**

Offices Londonderry House, 19 Park Lane, London W 1 Tel Grosvenor 1771

VOL 6 No 3

January February March 1953

IRICL 10/6

*President*  
 L Mensforth C B E M A  
 M I Mech L F R Ae S  
 M I I I

*Vice President*  
 J G Weir C M C C B I  
 F R Ae S

**IHL COUNCIL**

*Chairman*  
 Norman Hill A M I Mech E  
 A R Ae S

R A C Brie A F R Ae S  
 A F I Ae S

C Colin Cooper  
 J S Fay  
 O L L Fitzwilliams B A  
 H Grinstead C B I B Sc  
 F C C I F R Ae S

R Hafner  
 G S Hlop Ph D B Sc (Eng)  
 A R T C M I Mech I  
 A McClements A R T C  
 M I Mech I

J W Richardson  
 H Roberts Ph D B Sc D I C  
 A F R Ae S A M I Mech I  
 N E Rowe C B I D I C  
 B Sc A C C I M I Mech E  
 M Inst T A A F I Ae S  
 F R Ae S

J S Shapiro Dipl Ing  
 A F R Ae S

W Stewart B Sc

*Coopted*  
 R H Whitby D I C A R C Sc  
 B Sc A F R Ae S

*Hon Secretary*  
 Lt Col J W Richardson

*Hon Treasurer*  
 W G Leslie A C I S

*Hon Editors*  
 A McClements A R T C  
 M I Mech I  
 R H Whitby D I C A R C Sc  
 B Sc A F R Ae S  
 C Colin Cooper

*Asst Secretary*  
 Miss P R McKim

*Auditors*  
 W B Keen & Co

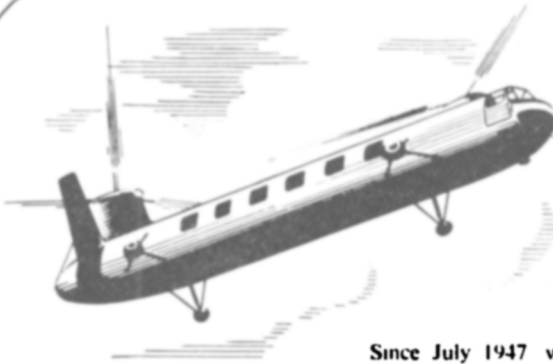
*Publications*  
*Advertisement Manager*  
 S H Pilton  
 Effingham House  
 Arundel Street, London W C 2

CONTENTS

	<i>Page</i>
<p style="text-align: center;">●</p> <p>SOME THOUGHTS ON                      THE OPERATIONAL FUTURE OF                      THE TRANSPORT HELICOPTER</p> <p style="text-align: right;">By PETER G MASEFIELD</p>	77
DISCUSSION	106
BRAINS TRUST	116
FORTHCOMING LECTURES	124
EDITORIAL NOTICES	124

OBJECTS OF THE ASSOCIATION

The objects of the Association are to collect complete 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



Since July 1947 when the Bristol Type 171 became the first British commercial helicopter to fly, The Bristol Aeroplane Company Ltd has played an outstanding part in the development of rotating wing aircraft. While the suitability of the Type 171 for civil and military operation in all parts of the world and under all conditions of service has been established by exhaustive testing, the maiden flight of Type 173 Britain's first twin engine twin rotor helicopter has re-affirmed Bristol's lead in this field and has brought appreciably nearer the day when scheduled helicopter services will augment existing air transport facilities in Britain and throughout the world.

*Bristol*



THE BRISTOL AEROPLANE COMPANY LIMITED ENGLAND