

The Journal of

THE HELICOPTER
ASSOCIATION OF
GREAT BRITAIN

LONDON

LONDONDERRY HOUSE,
19 PARK LANE, LONDON, W 1

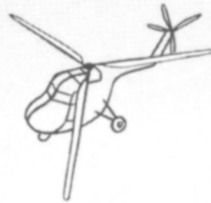
Vol 6 No 2 AUG -SEPT -OCT , 1952



Helicopter

MAIN & TAIL

Rotor Blades



HORDER-RICHMOND
LIMITED

HYDULIGNUM WORKS, HADDENHAM, BUCKS., ENGLAND

TELEPHONE AYLESBURY 1100 1102

TELEGRAMS WINSTIX HADDENHAM BUCKS

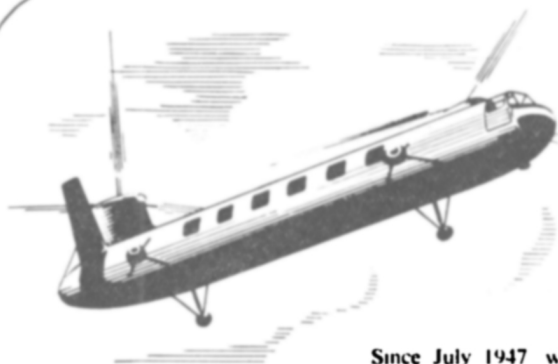


*Powered by an ALVIS LEONIDES engine
a Westland Dragonfly operates during a
combined services amphibious exercise*



LEONIDES

ALVIS LIMITED, COVENTRY, ENGLAND



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

AT de Havilland factories in England, Canada, Australia and New Zealand, military production predominates at present. Even so, de Havilland, England, has secured sixty million pounds' worth of export business since the War ended. de Havilland concentrates upon essential products within the wide span of its ability. de Havilland service extends into every corner of the free world.

D E H A V I L L A N D



FIRST ATLANTIC CROSSING BY HELICOPTER

(Goose Bay to Prestwick via Greenland and Iceland July 1952)

THE S55 IS THE WORLD'S MOST ADVANCED AND BEST TRIED LARGE
CAPACITY HELICOPTER FOR MILITARY AND CIVIL DUTIES

WESTLAND'S S.55

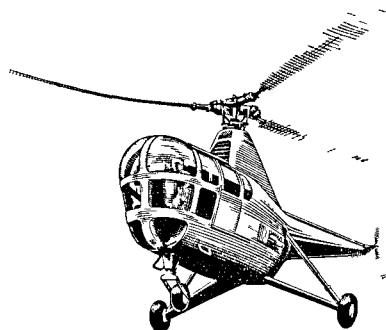
IS THE ONLY 10/12 SEAT HELICOPTER NOW IN
FULL PRODUCTION IN BRITAIN

Private enterprise alone has made deliveries of this outstanding machine possible. Unique in having all metal blades and servo controls the Westland S 55 has a capacity of 1 ton of military or civil load with a range of 450 miles

WESTLAND'S S.51

IS IN USE ALL OVER THE
WORLD IN MILITARY,
NAVAL AND CIVIL ROLES

BOTH HELICOPTERS ARE BUILT
AT YEOVIL IN EUROPE'S LARGEST
HELICOPTER FACTORY



WESTLAND AIRCRAFT LIMITED

YEOVIL

Cables Aircraft Yeovil

ENGLAND

The Journal of THE HELICOPTER ASSOCIATION OF GREAT BRITAIN

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

VOL 6 No 2

August September October 1952

PRICE 10/6

President
L. Mensforth CBE MA
MI Mech E FR Ae S
MIPE

Vice President
J G Weir CMC CBF
FR Ae S

THE COUNCIL

Chairman
Norman Hill AMI Mech E
AR Ae S

R A C Brie AFR Ae S
AFI Ae S

C Colin Cooper
JS Fay
OL L Fitzwilliams BA
H Grinstead CBF BSc
FCCI FR Ae S

R Hafner
G S Hislop Ph D BSc (Eng)
ARIC MI Mech E
A McClements ARIC
MI Mech E

J W Richardson
H Roberts Ph D BSc DIC
AFR Ae S AMI Mech E

N E Rowe CBE DIC
BSc ACGI MI Mech E

M Inst T AFI Ae S FR Ae S
J S Shapiro Dipl Ing
AFR Ae S

W Stewart BSc

Co opted
R H Whitby DIC ARCS
BSc AFR Ae S

Hon Secretary
Lt Col J W Richardson

Hon Treasurer
W G Leslie ACIS

Hon Editors
A McClements ARIC
MI Mech E

R H Whitby DIC ARCS
BSc AFR Ae S
C Colin Cooper

Asst Secretary
Miss P R McKim

Auditors
W B Keen & Co

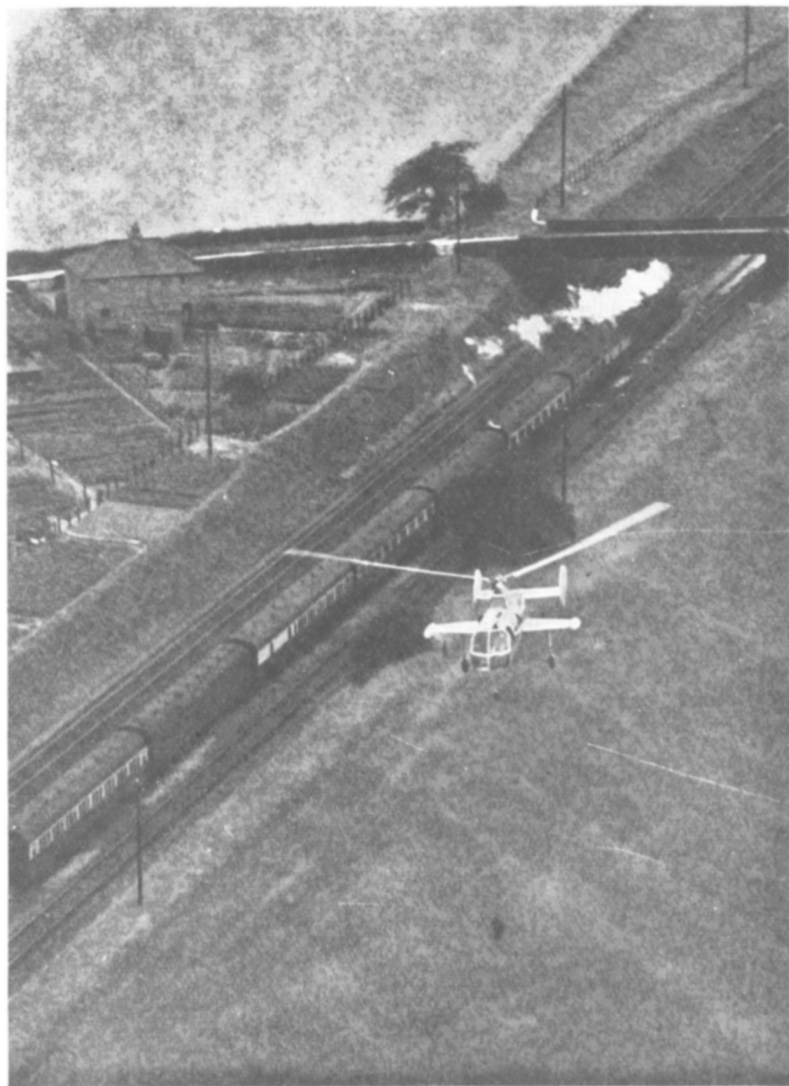
Publications
Advertisement Manager
S H Pilton
Effingham House
Arundel Street London WC 2

CONTENTS

	<i>Page</i>
HELICOPTER OPERATING EXPERIENCES	
By A V J VERNIEUWE	31
DISCUSSION	41
BRITISH HELICOPTER DEVELOPMENTS	
By A McCLEMENTS	49
THE SIXTH ANNUAL DINNER	71
OBITUARY F/LIEUT JOHN G MINIFIE	72
FIRST HELICOPTER ATLANTIC CROSSING	73
CIERVA MEMORIAL PRIZE	74
BOOK REVIEWS	75

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.



***FAIREY GYRODYNE on its International
Record Speed Run at White Waltham
28th June, 1948***

THE FAIREY AVIATION CO LTD HAYES MIDDLESEX