The Journal of

THE HELICOPTER ASSOCIATION OF GREAT BRITAIN

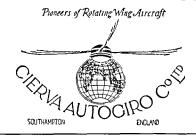
LONDON
LONDONDERRY HOUSE,
19 PARK LANE, LONDON, W 1
Vol 2 No 2 JULY-AUGUST-SEPTEMBER, 1948

ACCLES & POLLOCK

Makers and Manipulators of

AIRCRAFT TUBES

in carbon alloy and stainless steels



ALVIS LIMITED



HOLYHEAD ROAD COVENTRY Telephone Coventry 5501



 Γ HAVILLAND

W. T. BOOTH LTD.

EXPERIMENTAL WOODWORK

10 HIGH ST HAMPTON WICK KINGSTON ON THAMES

KINgston 5671 2

SPECIFY DUNLOP

Tyres · Wheels · Brakes

BRITISH AVIATION INSURANCE CO, LTD 3/4 LIME STREET LONDON EC3



BRITISH AVIATION **SERVICES** LIMITED

ONE GREAT CUMBERLAND PLACE W I

FOLLAND AIRCRAFT LTD



HAMBLE SOUTHAMPTON

BRITISH EUROPEAN AIRWAYS



THE KEY TO FUROPE

SPACE RESERVED FOR

THE FAIREY

AVIATION CO. LTD

The Journal of

THE HELICOPTER ASSOCIATION

OF GREAT BRITAIN

ISSUED QUARTERLY	July—August—September 1948 PRICE 1	0/6
THE COUNCIL Chairman H A Marsh A F C A F R Ae S	CONTENTS	
Vice Chairman N. J. G. Hill. A. M. I. Mech. E.	CALENDAR — WINTER SESSION 1948/9	2
A R Ae S I A I Bennett D Sc F R Ae S	EDITORIAL	3
C G Pulin F R Ae S M I Mech E	M J B STOKER—An Appreciation	4
F F Crocombe B Sc F R Ae S A Carpmael A I A E F J Cable A F C A R Ae S G C Turner, A F C	THE FAIREY GYRODYNE By J A J BENNETT, D Sc, F R Ae S	
J E Harper A F C R Hafner	(Preceded by Introduction by the Chairman) 5
R N Liptrot CBE BA (Cantab) O L L Fitzwilliams BA (Eng)	CIERVA MEMORIAL PRIZE AWARD	17
B H Arkell A R Ae S A McClements A R T C A M I Mech L Major H O Nelson R T R Hon Secretary	CIERVA MEMORIAL PRIZE ESSAY The Structural Airworthiness of Helicopters with particular reference to Fatigue Failure	
Major J W Richardson	By D R Garraway	18
Hon Treasurer G C Turner A F C	THE NAVIGATION OF THE HELI- COPTER	
Auditors Wessrs W B Keen & Co	By R W Usher, B Sc, F R Met S (Preceded by Introduction by The Chairman)	25
Publications Committee E. G. Smettem (Chairman)	OBITUARY J A McMullen, MBE	
B H Arkell C Colin Cooper	(Pioneer of Rotary Wing Flying) P W Howes	39 40
Offices Londonderry House	Lt E J Ockelford (R N)	40
19 lark Lane London W 1 Tel Grosvenor 1771	NOTICE—Change of Address	40

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 Acronautical 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