

## THE ALAN MARSH MEMORIAL TRUST FUND

For the advancement of education and encouragement  
of the science of helicopter flight

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### STATEMENT BY THE TRUSTEES

The Trustees of the Alan Marsh Memorial Trust Fund are pleased to acknowledge the following donations which have been received since the last announcement in the July issue of the Journal, Volume 9, No 1

Lazard Brothers	£100
Royal Air Force Association Romsey Branch	£25

The Fund now totals £1,329 17s 0d and the sum of £1,000 has been invested in 4% Defence Bonds

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The Trustees and Committee have agreed —

### The Alan Marsh Medal

That Silver Medals, now being designed, will be awarded from time to time in recognition of outstanding helicopter pilotage achievement. It is intended to select a recipient annually and the first will be announced this year

### The Alan Marsh Award

An Award will be made from time to time to a British student who has shown exceptional technical ability in the rotary wing field. He (she) should not normally be over 25 years of age, and should be, in the opinion of the Trustees, in need of financial assistance to further such studies. The award will take the form of a number of hours of elementary helicopter pilot training at a recognised school, in order to provide some additional practical background which the student might not otherwise be able at that time to acquire

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The amount of flying experience that can be provided for a selected student in any one year depends upon the annual income of the Fund. At present this would only provide about 2½ hours, at current charges, whereas a minimum of five is desirable

A further appeal for funds is now being made via the medium of the Aeronautical Press

The Council most earnestly asks members to support what is in their opinion, a most useful and practical Memorial to our first chairman, not only by their personal contributions but also by making the existence and objects of the Trust more widely known. For the latter purpose a leaflet is enclosed with this Journal

Donations should be sent to the HONORARY SECRETARY, THE HELICOPTER ASSOCIATION OF GREAT BRITAIN, 4 THE SANCTUARY, WESTMINSTER, LONDON, S W 1

## BOOK REVIEW

### "ABC of Helicopters"

by JOHN W R TAYLOR, Published by Ian Allan, Ltd

This year we have again received a complimentary copy of this booklet which is a revised and extended version of last year's first issue which we learn sold out within one month of its initial publication

"ABC of Helicopters" is a remarkably well informed booklet and is copiously illustrated with 90 photographs of the various helicopters and each machine has the essential details tabulated by the side of the photograph together with a few remarks of general interest. We are pleased to note too that this year's edition includes a larger historical section together with one or two pictures of early designs

It is felt again that this booklet forms an interesting and invaluable small reference book for all those concerned with helicopters

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## PRESENTATION TO THE LIBRARY

Mr H M Yeatman, a Founder Member, has very kindly presented to the Association's Library two works by the late Senor Juan de la Cierva on "The Engineering Theory of the Autogiro" and "Theory of Stresses in Autogiro Rotor Blades". Whilst the Association holds copies of these books, those presented to us by Mr Yeatman are of particular interest since they contain revisions and corrections made by Cierva in his own hand. We would like to take this opportunity of placing on record our appreciation of Mr Yeatman's contribution to our Library records

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## ADDITIONS TO THE ASSOCIATION'S LIBRARY

### BOOKS

"ABC of Helicopters" (2nd Edition, 1955) By J W R Taylor  
(Ian Allan Ltd)

### PAPERS

"Heliport Location and Design" The Port of New York Authority  
(May, 1955)  
"Design of Large Helicopters" By Bartram Kelley  
(Institute of Aeronautical Sciences,  
1955)  
"Report on Proceedings" Discussion on Papers presented at  
the Rotterdam Helicopter Conference,  
July, 1955

**Papers presented to The Society of Automotive Engineers, Inc, U S A, at their Golden Anniversary Aeronautical Meeting, New York, 18-21 April, 1955**

"Shaft Gas Turbines for Helicopters" By W S Miller, Jr, R P Krebs  
and T C Blaschke  
"Marine Corps Assault Aircraft Transports" By Col K B McCutcheon  
"Helicopter Horizons" By G H Aldrich

### U S Department of Commerce Handbooks

Vol 2 "Special Types of Rotary Wing Aircraft" Edited by E K Liberatore (1954)

### Eleventh Annual Forum—American Helicopter Society—April, 1955

"Whirling-Arm Study of Wing Helicopters" By Wesley L Cresap and George Galerstein  
"Remarks on the Unloaded Rotor Type of Convertiplane" By Kurt H Hohenemser  
"The Bristol Type 173—Design, Development and Experiences" By Raoul Hafner

- “Development of the Cessna CH-1 Helicopter”  
By Charles M Seibel
- “Rotor Speed Control for Free Turbine Engines in Multi-Engine Helicopters”  
By R H Rosenberg and R L Paquette
- “Application of Helicopter Flight Simulators for Training and Research Purposes”  
By P de Guillenchmidt
- “Contact Flight Simulator”  
By Thomas R Harriman
- “Preliminary Investigation of the Karman-Yuan Helicopter Rotor System”  
By Dr S W Yuan
- “Effect of Blade Stalling and Drag Divergence on Power Required by a Helicopter Rotor at High Forward Speed”  
By Kenneth B Amer
- “The Helicopter Activities of British European Airways”  
By R A C Brie
- “Design Requirements for Transport Type Helicopters”  
By J E Gallagher
- “Helicopter Operations of SABENA”  
By A V J Vernieuwe
- “The Operation of Okanagan Helicopters Ltd”  
By Carlyle C Agar
- “The Regulatory Aspects of Helicopter Operations”  
By K S Cooper
- “The Helicopter Take-Off Problem”  
By R B Lightfoot
- “Equipment for Blind Approaches”  
By G S Hislop
- “Future Heliports”  
By Martin A Warskow
- “Helicopter Navigation”  
By Cmdr W W Bush
- “Instrumentation for Helicopter Navigation”  
By Dr D G C Luck
- “Theory of Rotor Blade Uncoupled Lag Bending Aero-Elastic Vibrations”  
By Peter F Leone

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### BOUND BOOKS OF THE ASSOCIATION'S JOURNAL

The following books, bound in blue with gold lettering on the spine, containing the Association's Journal are now available

Book (i)	Vols 1 and 2	£5 0 0
Book (ii)	Vols 3 and 4	£5 0 0
Book (iii)	Vols 5 and 6	£5 0 0
Book (iv)	Vol 7	£2 10 0
Book (v)	Vol 8	£2 10 0

The first three books have been photographically reproduced as many early issues of the Journal were out of print. Books (iv) and (v) contain individual copies of the Journal which have been bound

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### NEW MEMBERS

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## EDITORIAL NOTICES

Papers submitted for publication in the JOURNAL should be submitted to the CHAIRMAN, PUBLICATIONS COMMITTEE, 4, THE SANCTUARY, WESTMINSTER, S W 1

None of the papers or articles must be taken as expressing the opinion of the COUNCIL of the ASSOCIATION, unless such is definitely stated to be the case

The submission of matter for publication will be understood to imply that it is offered to this Journal alone

If accepted for publication, the copyright of papers becomes the property of the Association, but they may be re-published by permission of the Council, provided due acknowledgement be made of their having appeared in the JOURNAL

Papers should, if possible, be typewritten, they should be concisely written with subject matter logically arranged and sub-divided, and with indications of the position, in the text, of illustrations, tables, etc

TITLES should be as brief as consistent with clarity, and in many cases the value of a paper is enhanced by a short SUMMARY

CHARTS, GRAPHS and DRAWINGS should be, if possible, in Indian ink on white board or strong paper, with detail and essential lettering large enough to be clearly legible after reduction if necessary

ILLUSTRATIONS—If the number sent in is considered excessive, the author may be informed and given the opportunity of contributing to the cost

COLOURED PLATES are made only at the author's expense

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## ADVERTISEMENTS

Approved advertisements are accepted by the Council of the Association for insertion in the official Journal, a minimum of four issues are published annually

The Journal is priced at 10/6 each number (free to Members)

Annual Subscription to non-members, 43/- post free

### Advertisement Rates

Size of page 5½ in wide, 8¾ in deep Type area 4½ in wide, 7¼ in deep  
Half-tone illustrations 120/133 screen

\*Series rate per issue for four consecutive issues, per page £12 0 0

\*Series rate per issue for four consecutive issues, per half page £7 10 0  
Colour printing Rates on application

PUBLISHING DATES January 25th, April 25th, July 25th, October 25th

LATEST DATES FOR COPY Advertisements requiring proofs 1st of month preceding publication  
Advertisements not requiring proofs 6th of month

### Token Panel Announcements

Token Panel Announcements 2½ in × 1½ in deep are inserted in the Journal for an Annual Subscription to the Association of £12 12s 0d

\*Panel Announcements are inserted gratis to all Full Page and Half Page Advertisers

### Advertisers to Note

All matter relating to advertisements in this Journal should be addressed to the Association's Advertisement Contractors J M P PUBLISHING SERVICES, EFFINGHAM HOUSE, ARUNDEL STREET, LONDON, W C 2 Tel Temple Bar 9525