

Our Library.

MEMBERS are reminded that the Institution has a very comprehensive library which is maintained for their use

Books may be borrowed free of charge, and they will be sent by post to any members who apply, enclosing the necessary postage. Books may normally only be borrowed for one week at a time, but this period will be extended—provided no other applications for that book have been received—on condition that members send a report to the Institution weekly, giving particulars of the book they have in their possession, etc

No member may borrow more than two books at a time

Recent additions to the Institution Library include —

(1) “All the World’s Aircraft,” by C G Grey

This book is divided into various sections

Section A is an historical section and records year by year all progress of both civil and military aviation all over the world, and it is extremely interesting, and also gives particulars of well-known air officers, aerial clubs, aerial publications, etc, in each country

Section B deals with Aircraft, and it gives pictures and discussions of practically every aeroplane that has ever been designed, and it is interesting to note that there are approximately 600 different types of aircrafts in existence to-day

Section C deals with air engines, and contains descriptions of all the best known engines, including such recent additions as the Armstrong Siddeley, etc

Section D describes Airships of the world very fully

We consider this book of extraordinary value to anyone engaged in Aeronautics, and we strongly advise members to read it

(2) “The Approach towards a System of Imperial Air Communications,” by the Secretary of State

This is a copy of the Memorandum which was laid before the last Imperial Conference, by the Secretary for State of Air

This publication deals with the progress of Civil Aviation both in the British Empire and abroad, and includes about 25 maps showing the airways of the world, and it also deals with existing and future airship routes between the British Empire, and it is altogether a very well produced and interesting publication

Among other books in the Institution Library are —

AERODYNAMICS

Aerial Navigation J E Dumbleton
 Aerial Navigation of To-day C C Turner
 Dynamics and Hydrostatics R H Pinkerton
 Elementary Hydrostatics J Hamblin Smith
 Elements of Dynamics J Blaikie
 Elements of Dynamics S L Loney
 Principles of Flight A E Berriman
 Soaring Flight Lt-Col R deVillamil
 Artificial and Natural Flight Sir Hiram Maxim
 Meteorology Col H E Rawson

AIRCRAFT (General)

Aircraft in the Great War Claude Grahame White
 Aircraft of the World Major F A deV Robertson and Harry Harper
 Aircraft in Warfare Major H Bannerman Phillips
 The Aeroplane T O B Hubbard
 Aeroplane Design W H Sayers
 Aeroplane Structural Design T H Jones and J D Frier
 Aviation A E Berriman
 Aviation Claude Grahame White
 Aviation S F Walker
 Balloons Gertrude Bacon
 Ballooning as a Sport Major Baden Powell
 Complete Aeronautics Clarence Winchester
 Design of Aeroplanes A W Judge
 Flight Manual A E Berriman
 Flying Book W L Lade
 Flying Round the World Major W T Blake
 The Helicopter Flying Machine J Robertson-Porter
 How to Build an Aeroplane R Petit
 The Mechanical Principles of the Aeroplane S Brodetsky
 Military Aeroplanes G C Leoning
 The Pocket Book of Aeronautics H W L Moedbeck
 Practical Aeroplane Construction F T Hill
 Vehicles of the Air V Loughheed
 Telegraphy, Aeronautics and War Sir Charles Bright

ENGINES

Aero Engines G A Burke
 The 80 h p Gnome Engine J D B Fulton
 The 100 h p Monosoupape Gnome Engine (Handbook) Harrison & Sons
 The Internal Combustion Engine H E Wimperis
 The Renault Engine Harrison & Sons

Model Steam Turbines H H Harrison
 Windmills and Wind Motors T E Powell
 Radial Air-Cooled Engines R Fedden
 Internal Combustion Engine Cams B B Low

METALLURGY

Metallurgy and its Influence on Modern Progress Sir Robert Hadfield D Met,
 F R S , D Sc , etc
 The Crystallisation of Metals Colonel Belaeuw, C B
 The Inner Structure of the Pearlite Grain Col Belaeuw, C B
 The Present and Future Problems of Metallurgy Prof W Rosenham

GENERAL SUBJECTS

Electricity Magnetism Lardner
 Elements of Astronomy Ball
 Engineering Mathematics H H Harrison
 Mechanics Lardner
 Mechanics for Engineers Morley
 Modern Inventions V E Johnson
 Modern Science Sir John Lubbock
 Natural Philosophy Lardner
 Stresses and Strains F R Farrow
 The Life of Sir Charles Tilston Bright, Civil Engineer Sir Charles Bright,
 F R S E , M Inst C E