# AERONAUTICAL JOURNAL



Edited for the Council of the Aeronautical Society of Great Britain
By ERIC STUART BRUCE, M.A. Oxon., Fellow of the Royal Meteorological Society.

OCTOBER, 1900. Vol. IV. No. 16. All Rights Reserved.] Contents. PAGE. NOTICES OF THE AERONAUTICAL SOCIETY. 143 THE RESIGNATION OF MAJOR BADEN-POWELL FROM THE HONORARY SECRETARYSHIP OF THE AERONAUTICAL SOCIETY .. 143 GENERAL MEETING OF THE AERONAUTICAL SOCIETY 144 I. THE ZEPPELIN AIR SHIP. BY HIRAM STEVENS MAXIM 144 2. CLOUD PHOTOGRAPHY FROM BALLOON. BY THE REV. J. M. BACON, F.R.A.S. 146 3. PORTABLE ELECTRIC BALLOON SIGNALLING IN WAR. STUART BRUCE, M.A. OXON., F.R.MET.Soc. 148 THE WECZERA FLYING MACHINE. By L. W. BROADWELL 150 5. DR. DANILEWSKY'S FLYING MACHINE. By DR. K. DANILEWSKY -Discussion AERONAUTICS IN 1900 .. 153 MONSIEUR JACQUES FAURE'S BALLOON VOYAGE ACROSS THE CHANNEL-LETTER FROM MONSIEUR FAURE TRANSLATED BY HELEN AUXILIUM 155 THE RECENT HIGH KITE ASCENTS AT THE BLUE HILL OBSERVATORY. COMMUNICATED BY MR. LAWRENCE ROTCH .. THE PARIS INTERNATIONAL AERONAUTICAL CONGRESS 156 THE LIFTING POWER OF AIR PROPELLERS. BY WILLIAM GEORGE WALKER, A.M.I.C.E., M.I.M.E. .. 156 NOTES: THE BALLOON ASCENT FROM THE TOP OF THE RIGHI-WIRELESS TELEGRAPHY EXPERIMENTS FROM A BALLOON—FATAL BALLOON ACCI-DENT AT NAPLES-M. Rose's Air Ship-The Paris Balloon Contests -M. SANTOS DUMONT'S MOTOR BALLOON-THE PARIS EXHIBITION AWARDS FOREIGN AERONAUTICAL PERIODICALS 163 164 NOTABLE ARTICLES .. APPLICATIONS FOR PATENTS—PATENTS PUBLISHED LONDON: Published by the Aeronautical Society of Great Britain, and Printed by KING, SELL, & RAILTON, LTD., GOUGH SQUARE AND BOLT COURT, E.C.

### AUGUSTE E. GAUDRON, Aeronautical Engineer.

MANUFACTURER OF

GOLDBEATERS' SKIN (BEAUDRUCHE), SILK, & CAMBRIC BALLOONS
For Private and Military Purposes.

Experiments Conducted on Large and Small Scale.

GOLDBEATERS' SKIN MODEL BALLOOMS FOR PRIMARY EXPERIMENTS.

PRIVATE AND SCIENTIFIC ASCENTS CONDUCTED.

Mr. Gaudron begs to inform inventors that he has at their service a large works, suitable for any kind of Aeronautical experiment; also a trial ground with gas, &c.

AUGUSTE E. GAUDRON,
Aeronaut and Balloon Manufacturer,
7, VICTOR ROAD, LONDON, N.

Registered Telegraphic Address: "GAUDRON, LONDON."

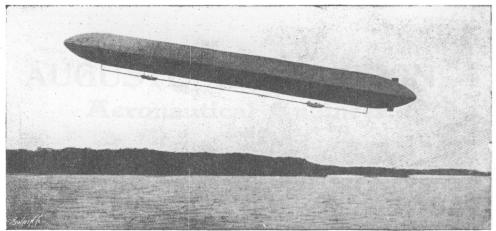
## THE AERONAUTICAL JOURNAL.

#### BACK NUMBERS.

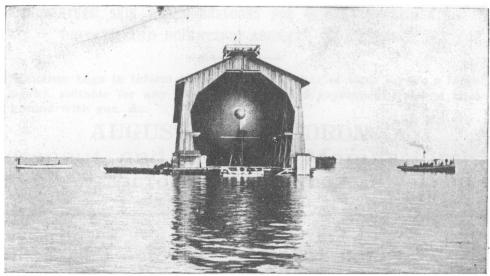
In reply to numerous enquiries, back numbers of the Aeronautical Journal may be obtained from the Publishers,

Messrs. KING, SELL, & RAILTON, 4, BOLT COURT, LONDON, E.C.

#### THE ZEPPELIN AIR-SHIP.



The air-ship on its voyage, July 2nd, 1900.



The air-ship in its shed.

