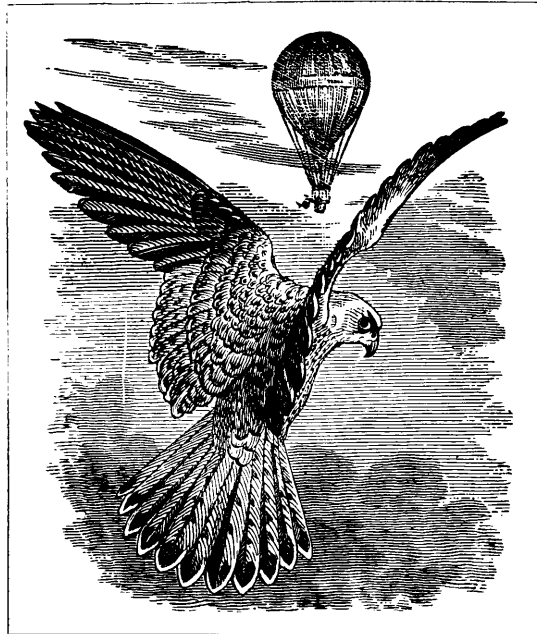


# THE AËRONAUTICAL JOURNAL



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

No. 22.

APRIL, 1902.

VOL. VI.

*All Rights Reserved.]*

## Contents.

	PAGE.
NOTICES OF THE AËRONAUTICAL SOCIETY .. .. .	21
SCIENTIFIC BALLOON ASCENTS .. .. .	21
THE INTERNATIONAL KITE COMPETITIONS .. .. .	21
GENERAL MEETING OF MARCH 11, 1902—	
1. THE POSITION OF THE AËRONAUTICAL SOCIETY OF GREAT BRITAIN IN 1902 .. .. .	22
2. THE ST. LOUIS EXHIBITION AND AIRSHIP TOURNAMENT. COM- MUNICATION FROM THE DIRECTORS OF THE ST. LOUIS EXHIBITION .. .. .	22
3. THE DEVELOPMENT OF AERIAL NAVIGATION IN GERMANY. BY MAJOR W. L. MOËDEBECK.—THE ENGLISH TRANSLATION BY HELEN E. BRUCE.—DISCUSSION .. .. .	24
4. PHOTOGRAPHY FROM A BALLOON. BY GERTRUDE BACON ..	28
5. SOME FURTHER NOTES ON THE BARTON AIRSHIP. BY DR. F. A. BARTON.—DISCUSSION .. .. .	30-38
APPLICATIONS FOR PATENTS .. .. .	38

LONDON :

PUBLISHED BY THE AËRONAUTICAL SOCIETY OF GREAT BRITAIN, AND PRINTED BY  
KING, SELL & OLDING, LTD., LONSDALE CHAMBERS, 27, CHANCERY LANE, W.C.

# 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 AND OLDING, LTD., Gough Square and Bolt Court, Fleet Street, London, E.C.

*The following is a list of Articles of special interest which have appeared in the AERONAUTICAL JOURNAL:—*

**THE DEATH OF LILIENTHAL.**—January, 1897.

**FLYING MACHINES:** Lecture by the late Mr. P. S. PILCHER.—April, 1897.

**LANGLEY'S FLYING MACHINE** (Illustrated).—July, 1897.

**KITES: their Theory and Practice,** by Major B. F. S. BADEN-POWELL.—April, 1898.

**EXPERIMENTAL SOARING,** by the late Professor G. F. FITZGERALD, F.R.S.

**THE ZEPPELIN AIRSHIP** (Illustrated), by Major B. F. S. BADEN-POWELL.—October, 1899.

**FATAL ACCIDENT TO MR. PILCHER** (Illustrated).—October, 1899.

**THE BALLOON AT THE FRONT.**—January, 1900.

**ON FORMS OF SURFACES IMPELLED THROUGH THE Air, and their Effects in Sustaining Weights** (with Diagrams), by F. H. WENHAM, C.E.

**THE ZEPPELIN AIRSHIP,** by Sir HIRAM S. MAXIM.—October, 1900.

**PORTABLE ELECTRIC BALLOON SIGNALLING IN War,** by ERIC STUART BRUCE.—October, 1900.

Special Illustrated . . . .

Paris International Aeronautical Congress Number,

. . . . January, 1901.

CONTAINING AMONGST OTHER ARTICLES:—

THE PRESIDENTIAL SPEECH.

THE SECTIONAL SUBJECTS AT THE PARIS CONGRESS.

M. SANTOS DUMONT'S NAVIGABLE BALLOON, by a Member of the Paris Aéro-Club (Illustrated),

THE VINCENNES COMPETITIONS, by HELEN AUXILIUM BRUCE (Illustrated).

SOME CELEBRITIES OF THE PARIS CONGRESS:

1. M. JANSSEN (Portrait).
2. MAJOR F. C. TROLLOPE (Frontispiece).
3. M. WILFRED DE FONVIELLE (Portrait).
4. M. JACQUES FAURE.
5. M. LOUIS TRIBOULET (Portrait).