

CANADIAN AVIATION

OCTOBER, 1948

Vol. 21 No. 10

FIRST IN CANADA — 21st YEAR OF PUBLICATION



Member of
the Audit
Bureau of
Circulations



Member of
the Business
Newspapers
Association

Subscription Price: In Canada and the Empire (excluding Australia) 1 year \$2, 2 years \$3.50, 3 years \$5. Australia, United States, Central and South America 50 cents extra per year; other countries \$1 extra per year. Single copies 25c. in Canada.

Printed and Published by

MACLEAN-HUNTER
Publishing Company Limited
481 University Ave., Toronto 2,
Ont.

JOHN BAYNE MACLEAN
Founder and Chairman

HORACE T. HUNTER, President

FLOYD S. CHALMERS
Executive Vice-President

THOMAS H. HOWSE
Vice-President and Treasurer

MONTREAL Centre 2—Dominion Square
Bldg., 1010 St. Catherine St. West. Tele-
phone Marquette 2331. Paul Falkner. Adv.
rep.

UNITED STATES—522 Fifth Ave., New
York 18; 309 West Jackson Blvd., Chicago
6; Duncan A. Scott & Co., Western Pacific
Bldg., Los Angeles; Duncan A. Scott & Co.,
Mills Bldg., San Francisco.

GREAT BRITAIN—Maclean-Hunter Lim-
ited, Sun Life of Canada Building, Traf-
algar Square, London, S.W.1. Phones:
Whitehall 6642 and Whitehall 6643. Cable
address: Atabek, London, England.

PUBLISHERS OF

Maclean's Magazine, Chatelaine, Mayfair,
Canadian Homes and Gardens, The Finan-
cial Post, Canadian Advertising, Canadian
Machinery, Modern Power, Canadian
Printer and Publisher, Industrial Progress,
Canadian Trade Abroad, Canadian Ship-
ping, Canadian Automotive Trade,
Canadian Aviation, Bus and Truck
Transport, Hardware and Metal, Canadian
Grocer, Drug Merchandising, Canadian
Bookseller, Canadian Stationer, Canadian
Paint and Varnish Magazine, Painting and
Decorating Contractor, Style, Men's Wear
of Canada, Le Prix Courant, L'Espeier,
General Merchant, Sanitary Engineer, Can-
adian Hotel Review, Plant Administration,
and five business publications in the United
States and Great Britain.

OTHER SERVICES

The Financial Post Corporation Service,
Canadian Press Clipping Service.

Authorized as Second-Class Matter by the
Post Office Department, Ottawa, Ontario.

In This Issue

Editorial Comment	17
Forced Ejection	18
<i>An exciting account of trial jumps with the ejector seat from fast aircraft. By P. J. Page</i>	
The Calgary Air Show	20
Grandfather Wins Webster Trophy	21
<i>By Ronald A. Keith</i>	
Prospector With Wings	22
<i>Use of the magnetometer for mineral survey already is far advanced</i>	
Canada's Air Cadets	24
<i>By George M. Ross</i>	
Pylo Terror's Many Disciples	26
<i>Continuing the Safety Series</i>	
Accidents Threaten Insurance Structure	28
<i>By John R. Morgan</i>	
Letters to the Editor	29
Report from London	30
<i>By R. G. Worcester</i>	
Ottawa Report	31
<i>By Arthur Macdonald</i>	
Australian News	32
<i>By H. Bowden Fletcher</i>	
Thermal De-Icer Developed	33
U. S. Navy's Supersonic Research	34
Rainmaking Research, Part II	35
Maintenance Section	36
<i>Polishing Metal Aircraft</i>	
Canadian Aviation's News	57
What's In The Air	68

THE STAFF

EDITOR	Ronald A. Keith	England	R. G. Worcester
ASSOCIATE EDITOR	James H. McLean	MANAGER	Stan Allen
Vancouver	Eric Beardmore	Advertising Mgr.	Kenneth Pugsley
Edmonton	Eric B. Young	Advtg. Layout Dept.	W. A. Weir
Newfoundland	Rupert Jackson	Circulation Mgr.	D. G. McFadden