

# SOARING

## *The Journal of*

THE SOARING SOCIETY OF AMERICA, Inc.

and

THE SOARING ASSOCIATION OF CANADA



Vol. 14      Sept.-Oct., 1950      No. 9

### SOARING SOCIETY of AMERICA, Inc.

Jon D. Carsey .....	President
Dr. Wolfgang Klemperer .....	V.-Pres., West Coast
Capt. Ralph Barnaby .....	V.-Pres., East Coast
Paul A. Schweizer .....	Secretary
Ben Shupack .....	Treasurer
Eugart Yerian .....	Editor—Soaring
Dr. August Raspel .....	Chairman Scientific Committee
Paul Bikle .....	Chairman Technical Committee
William H. Coverdale .....	Chairman Contest Committee

### SOARING ASSOCIATION of CANADA

A. N. LeCheminant .....	President
Gordon Spafford .....	Vice-President
Barrie Jeffery .....	Secretary
Lou Groom .....	Treasurer

Membership in the Soaring Society of America is open to anyone interested in the art, the science, the sport of motorless flight.

On matters concerning Membership in the Soaring Society of America, payment of dues, notice of change of address, write The Soaring Society of America, Box 71, Elmira, N. Y.

Editorial office of SOARING, published bi-monthly by The Soaring Society of America, Inc., is 3778 Marion Ave., Memphis, Tenn. Entered as second class matter at Memphis, Tenn. Office of the Soaring Association of Canada, P. O. Box 851, Ottawa, Canada.

Membership in either organization is \$5.00 per year, \$3.00 of which is for a year's subscription to SOARING. Life membership in the Soaring Society of America, Inc., is \$100.00.

Family membership for two members is \$7.50 per year.

Material contained herein may be reproduced in part or in whole, but notification must be given the Soaring Society of America, Inc. and proper credits must be given "SOARING, The Journal of the Soaring Society of America."

## EDITORIAL

The editor has seen fit to devote a large portion of this issue to a memorial to a relatively young man in motorless aviation. The spontaneity of the contributions by Paul Tuntland's friends not only makes clear the reason for such a memorial, but reveals a cross section of a nation-wide, healthy movement that is heartening for a dyed-in-the-wool soaring enthusiast to see. Let this memorial be a source of renewed inspiration to all of us who call ourselves soaring enthusiasts.

## To Paul Tuntland

By AUGUST RASPET

It is my sincere honor to report some little known contributions to society made by Paul Tuntland during his short but active life. In the Thunderstorm Project in Florida, Paul was the first pilot barring none to enter the thunderstorm with the express aim of collecting scientific information. Paul entered these violent and powerful atmospheric disturbances with a cool consideration with absolutely no trace of flamboyant glamor. His was a mission to bring down by radio and on film some knowledge of the turbulence to be expected in the case of the thunderstorm. Following his several initial flights, the P-61 pilots began their work of sectioning the thunderstorms.

It was my sincere pleasure to work closely with Paul in the Ridge Flow Project of the Aerophysics Institute of which Paul was a director. At this time I learned how critical Paul was of his own efforts, how observant he was of all facts connected with his task and how sincere his philosophy in research. He was ever critical of his own efforts, but always considerate in his criticism of the efforts of others.

Because of his concentration on improving his work and on bringing down a maximum of information for the scientists, he had built an enviable reputation for himself and for the scientific phases of motorless flight. Even when flying a Constellation, Paul had contributed valuable information on the meteorology of atmospheric waves.

To Paul we are greatly indebted for the gains the sailplane has made in the past few years as a scientific tool.

## CONTENTS

My Golden "C" Distance Flight by J. S. Irvine .....	2
PAUL TUNTLAND Articles by Edward G. Minghelli, Robert Thomas, John Campion, Homer M. Davies, Wm. G. Briegleb, Edna M. Tuntland, Peter Tuntland, Ramona Tuck, Mrs. Arthur Riedlinger, Wm. Frank Kelsey, Warren J. Merboth.	
Photo History of Paul Tuntland .....	8
Report on Tuntland Accident by Irving Prue .....	10
Pacific Northwest Regatta .....	11
Letters to the Editor .....	12
Tuntland Memorial Announcement by Jon Carsey .....	12
1951 National at Elmira .....	13
1950 El Mirage Regatta .....	13
Facts on Contest Soaring by E. J. Reeves .....	14
The Canadian Scene, by Douglas A. Shenstone .....	15
Financial Report of the 1950 National Contest .....	15
News From Clubs and Members .....	16
International Gliding Records .....	Back Cover