

## Volume 37, Number 2

### EDITOR

Dr. Judah Milgram

### JOURNAL MANAGER

Em. Prof. Dr. Edward (Ward) Hindman

### ASSOCIATE EDITORS

Prof. Dr. Zafer Aslan — *Turkey*

Chair, Scientific Section and Chair, Meteorological Panel

Prof. Dr. Mark Maughmer — *USA*

Chair, Technical Section

Dipl. Ing. Helmut Fendt — *Germany*

Chair, Sailplane Development Panel

Dipl. Ing. Ian Oldaker — *Canada*

Chair, Training and Safety Panel

Prof. Dr. Goetz Bramesfeld — *Canada*

### OSTIV PRESIDENT

Em. Prof. Ir. Loek M. M. Boermans

*The Netherlands*

### OSTIV VICE PRESIDENT

Dipl. Ing. Christoph Kenschke

*Germany*

### MEMBERS OF THE OSTIV BOARD

Dipl. Ing. John Ashford — *Australia*

Dipl. Ing. Helmut Fendt — *Germany*

Prof. Dr. Edward Hindman — *USA*

Prof. Dr. Mark Maughmer — *USA*

Dipl. Ing. Ian Oldaker — *Canada*

Dr. Ing. Lukáš Popelka — *Czech Republic*

Dr. Hermann Trimmel — *Austria*

Copy editing/Layout: Judah Milgram  
Washington, DC USA  
Printing: The Hub Print and Copy Center  
Ft. Lee NJ USA  
Distribution: IMEX  
Elk Grove Village IL USA

© 2013 Organisation Scientifique et Technique Internationale  
du Vol à Voile  
All rights reserved  
ISSN#0744-8996

From the Editor ..... 19

Reader Comment: "Safe Winch Launches" — an Update  
(*Technical Soaring* 37(1))

Hugh Browning ..... 19

Refinement of Glider Aerodynamic Design using CFD

Johannes J. Bosman ..... 20

An On-line Meteorological Self-briefing System for Glider  
Pilots

Edward (Ward) Hindman ..... 26

The objective of *Technical Soaring (TS)* is to document recent advances in the science, technology and operations of motorless aviation.

*TS* is published quarterly by the Organisation Scientifique et Technique Internationale du Vol à Voile (International Scientific and Technical Organization for Gliding, OSTIV); Kluyverweg 1, NL-2629 HS Delft, The Netherlands, Tel: +31 15 278 6387, fax: +31 15 278 3533, email: l.m.m.boermans@tudelft.nl, URL: www.ostiv.org.

Subscription is restricted to OSTIV members but material can be submitted by anyone. Rates per calendar year are €25 for students under 25 years of age, €45 for Individual/Local Club Membership; €80 for Scientific/Technical Organization/Library Membership and €250 for Active Members (National Aero Club Members of FAI). Issues are sent by air overseas then surface bulk delivery.

Submitted research papers will be peer-reviewed. Guidelines for preparation and submission of manuscripts can be found on the OSTIV website in the 'editor' section.

*TS* is in print (grey-shade) and online (full-color) at journals.sfu.ca/ts/. The print copy will continue indefinitely. Back issues, from Vol. 24, No. 1 to the current issue, are online; earlier issues will be put online as possible. OSTIV members have complete access to *TS* online; non-members access titles and abstracts. Members should contact the webmaster, Jannes.Neumann@t-online.de, for access. Back issues can be purchased from either the OSTIV Secretariat or, in the USA, by email from bernald@juggernaut.com. A quick-start guide to access *TS* online is on the OSTIV website.

An index of *TS* (Vol. 1 through Vol. 34) is at soaringweb.org/Soaring\_Index/Technical\_Soaring. Issues are indexed by author, subject and issue. Additional information on *TS* and information on OSTIV Publications can be found on the OSTIV website in the OSTIV Index. The Index can be searched by right-clicking on the first page, clicking on 'Search', typing in the keyword and clicking on the 'Search' button. The name *Technical Soaring* and its cover layout are fully rights-protected and belong to the Soaring Society of America; they are used by permission.