

Soaring Magazine Index for Technical_Soaring organized by subject

The contents have all been re-entered by hand, so there are going to be typos and confusion between author and subject, etc...

Please send along any corrections and suggestions for improvement.

Aerodynamics

- Robert A. McKnight, *Mechanics of airspeed*, volume II, number 1, 1972, page 25
- Ludomir Laudanski, *Gust loads on gliders taking into account their flexibility*, volume III, number 1, 1973, page 27
- William H. Phillips, *Gyroscopic Moments on a Glider in Turning Flight*, volume II, number 4, 1973, page 29
- J.H. McMasters, *An Analytic Survey of Low Speed Flying Devices - Natural and Man-Made*, volume III, number 4, 1974, page 17
- Dan M. Somers, *Experimental and Theoretical Investigation of Differences between a Manufactured and the Corresponding Design Airfoil Section*, volume IV, number 2, 1976, page 1
- Patrick K. Squires, *Development of a Computerized Sailplane Performance Analysis*, volume IV, number 3, 1976, page 12
- Patrick K. Squires, *Configuration Optimization of a 13 Meter Span Sport Sailplane*, volume IV, number 3, 1976, page 19
- T.W. Glade and J.C. Westkaemper, *Planform Effects on the Induced Drag of Untwisted Wings*, volume IV, number 3, 1976, page 35
- D. Althaus, *Measurements on Airfoils with Flaps at Medium Reynolds-Numbers*, volume V, number 2, 1978, page 22
- Henry Millicer, *The Deep Stall of Sailplanes, Part 1*, volume V, number 2, 1978, page 35
- NASA-SSA *Third International Symposium on the Science and Technology of Low Speed and Motorless Flight*, volume V, number 2, 1978, page 39
- D.J. Marsden, *Sailplane Performance Estimation*, volume V, number 3, 1979, page 15
- J.H.M. Gooden, *Experimental Low-Speed Aerodynamic Characteristics of the Wortmann FX 66-S-196 VI Airfoil*, volume V, number 3, 1979, page 21
- L.M.M. Boermans and D.C. Terleth, *Wind Tunnel Tests of Eight Sailplane Wing-Fuselage Combinations*, volume VIII, number 3, 1984, page 70
- L.M.M. Boermans and B. Oolbekkink, *Wind Tunnel Tests on an Outer Wing Segment of the ASW-19X Sailplane*, volume VIII, number 3, 1984, page 86
- Udo Drebler, *Aerodynamic Design of Winglets for a Standard-Class Glider*, volume VIII, number 4, 1984, page 118
- Ilan Kroo, *Trim Drag, Tail Sizing and Soaring Performance*, volume VIII, number 4, 1984, page 127
- Alex Strojnik, *Improving the Constant Chord Wing*, volume IX, number 1, 1985, page 18
- R. John Hansman, Jr., *Performance Degradation of Natural Laminar Flow Airfoils Due to Contamination by Rain or Insects*, volume 9, number 3, 1985, page 73
- H.U. Mai, *The Effect of Aeroelasticity upon Energy Retrieval of a Sailplane Penetrating a Gust*, volume 10, number 4, 1986
- R. Horten, *Lift Distribution on Flying Wing Aircraft*, volume 10, number 4, 1986
- Bruce H. Carmichael, *A Significant Increase in Lift to Drag Ratio of Airfoils at Low Reynolds Number Through the Use of Multiple Trippers and Low Drag Laminar Flow*, volume 11, number 1, 1987, page 6
- Irv Culver, *Tailless Flying Wings*, volume 11, number 1, 1987
- Werner Pfenninger, *All Laminar Sailplanes with Low Drag Boundary Layer Suction*, volume 11, number 2,3,4, 1987
- D. Marsden and R.W. Toogood, *Wind Tunnel Tests of a Slotted Flapped Wing Section for Variable Geometry Sailplanes*, volume 12, number 1, 1988
- L. Boermans and P. van den Borne, *Design and Tests of a Flexible Sailwing Airfoil for Lightweight Aircraft*, volume 12, number 2, 1988
- A. Blackman, *Canards: The Myths and the Realities*, volume 12, number 3, 1988
- F. Irving, *Upsets in Pitch: A Guide to Design Diving Speed*, volume 12, number 3, 1988

- W. Staffiej, *Flight Measured Wing Loading Spectrum in Aerobatics on SZD-51-1 "Junior" Club-Class Glider*, volume 12, number 4, 1988
- Francisco L. Galvao, *Friction Drag Reduction (and Speculative Essay)*, volume 13, number 1, 1989, page 6
- L.M.M. Boermans and G. Waibel, *Aerodynamic Design of the Standard Class Sailplane ASW-24*, volume 13, number 3, 1989, page 72
- Armin Quast, *Detection of Transition by Infrared Image Techniques*, volume 13, number 3, 1989, page 96
- Wojciech Potkanski and Wojciech Chajec, *Flutter Analysis During the Design of Sailplanes*, volume 13, number 4, 1989, page 135
- D.J. Marsden, *Wind Tunnel Tests of an Ultralight Sailplane Wing Section*, volume 14, number 1, 1990, page 7
- Reimar Horten, *Flying Wing Geometry*, volume 14, number 1, 1990, page 29
- Oran W. Nicks, *Experimental Comparisons of Two Wing Tips*, volume 14, number 3, 1990, page 81
- Fritz Kiessling, *On Simplified Analytical Flutter Clearance Procedures for Light Aircraft*, volume 15, number 3, 1991, page 83
- Cedric Vernon, *Trim Drag*, volume 16, number 1, 1992, page 17
- Richard M. Howard, *Design of A High-Lift Airfoil for Hang-Glider Applications*, volume 16, number 1, 1992, page 27
- L.M.M. Boermans and F. Bennis, *Design and Windtunnel Tests of an Airfoil for the Horizontal Tailplane of a Standard Class Sailplane*, volume 16, number 2, 1992, page 35
- Dan M. Somers and Mark D. Maughmer, *The SM701 Airfoil: An Airfoil for World Class Sailplanes*, volume 16, number 3, 1992, page 70
- Oran Nicks, Gregory Steen, Michael Heffner, and David Bauer, *Wind Tunnel Investigation and Analysis of the SM701 Airfoil*, volume 16, number 4, 1992, page 109
- Kenneth D. Korkan, Robert C. Griffiths, and Stefan A. Ullenbeg, *Verification of the SM701 airfoil aerodynamic characteristics utilizing theoretical techniques*, volume 17, number 1, 1993, page 8
- D. Althaus and W. Wurz, *Wind tunnel tests of the SM701 airfoil and the UAG88-143/20 airfoil*, volume 17, number 1, 1993, page 21
- Dongbiao Zhao and Xub Qiao, *CAD optimization of glider design with program NAI 186*, volume 17, number 3, 1993, page 91
- L. Smrcek, *Application of Microcomputer Software to the aerodynamic design of a motor glider*, volume 17, number 4, 1993, page 107
- Oran W. Nicks, *A Physical View of Wing Aerodynamics*, volume 17, number 4, 1993, page 122
- D.G. Marsden, *Wind Tunnel Tests of the UAG92 170/SF Slotted Flapped Wing section*, volume 18, number 1, 1994, page 21
- Fred Hermanspann, *Aerodynamic Efficiency of Gliding Vehicles*, volume 18, number 2, 1994, page 60
- Wojciech Chajec, *Critical Flutter Speed of Sailplanes Calculated for High Altitude - Examples of Computation*, volume 18, number 3, 1994, page 69
- Walter Stender, Fritz Kiessling, and Joachim P. Kuettner, *Possibilities of High Altitude Flutter During Wave Flights*, volume 18, number 4, 1994, page 114
- Victor M. Saudek, *A Method to find Defects which may Disrupt Laminar Flow*, volume 19, number 1, 1995, page 9
- D. Althaus, *An Instrument for Drag Measurement in Flight - Optimization of Flap Settings*, volume 19, number 1, 1995, page 29
- R.J. Huyssen, C.P. Crosby, and E.H. Mathews, *Static Margin Control for Tailless Flight*, volume 20, number 1, 1996, page 28
- C.P. Crosby, P. Ashman, and H. Terblanche, *Full-Scale In-Flight Pressure Measurements on a Winglet Fitted to an AS-W 20*, volume 20, number 3, 1996, page 74
- R.E. Baker, *An Investigation Into Performance Enhancement of a Sports-Class Sailplane by Use of Turbulator Tapes*, volume 20, number 3, 1996, page 78
- R. Eppler, *Induced Drag and Winglets*, volume 20, number 3, 1996, page 89

- L.M.M. Boermans and A. Van Garrel, *Design and Windtunnel Test Results of a Flapped Laminar Flow Airfoil for High Performance Sailplane Applications*, volume 21, number 1, 1997, page 11
- Piotr Czarnocki, Tadeusz Wiacek, and Waldemar Wingralek, *Effects of Replacement of a Dynamic Crash Test with a Quasi Dynamic One. Test of PW-5 World Class Glider*, volume 21, number 3, 1997, page 72
- Tsuneari Nagaoka and Etsuo Morishita, *An Inverse Method for the Design of Airfoils*, volume 21, number 3, 1997, page 76
- M. Torres, *A Practical Investigation of the Effect of Turbulator Geometry on Tripping Effectiveness for a Wortmann FX-63-137 Airfoil*, volume 21, number 3, 1997, page 90
- Robert P. Atkinson, *A New Wing Tip with Improved Lift, Drag and Stall Performance*, volume 21, number 3, 1997, page 94
- J. Reneaux, A.M. Rodde, and J.J. Thibert, *Airfoil Design for Sailplanes and Ultralight Aircraft*, volume 21, number 4, 1997, page 122
- Gary Weir, *The Optimization of Wing Planforms for Light Sailplanes*, volume 22, number 1, 1998, page 27
- Pekka Koivisto, Sami Hämäläinen, and Urpo Pesonen, *Comments on the Development of Airfoils Related to Standard Class Glider Performance*, volume 22, number 2, 1998, page 44
- Z. Gabrijel, V. Soronda, and L.J. Vasov, *Wind Tunnel Experiments on the Model of Yugoslav "World Class" Glider*, volume 22, number 4, 1998, page 103
- Mauro Darida and Ladislav Smrcek, *Numerical Predictions of Ground Effect on NACA 0012*, volume 23, number 1, 1999, page 10
- M. Torres, D.J. Cappelleri, D.S. Anes, M.P. Reiter, and A.P. DeGuilio, *Turbulator Geometry Influence on Tripping Effectiveness Based on Low-Speed Wing-Tunnel Data*, volume 23, number 1, 1999, page 23
- Richard Eppler, *An Empirical Criterion for Laminar to Turbulent Boundary Layer Transition*, volume 23, number 2, 1999, page 33
- Ernst Schöberl, *Possibilities and Requirements for Long Endurance High Flying Solar Powered Platforms*, volume 23, number 3, 1999, page 66
- B.F. Seffinga and M.S.G. Wittebrood, *Design and Analysis of the Standard Class Tailless Sailplane DUTAG*, volume 23, number 4, 1999, page 98
- Erkki Soenne, *Navier-Stokes Computations on a Laminar Airfoil*, volume 23, number 4, 1999, page 111
- D.P. Coiro and F. Nicolosi, *Aerodynamics, Dynamics and Performance Prediction of Sailplanes and Light Aircraft*, volume 24, number 2, 2000, page 34
- Dipl. Ing. Klaus Plesser, *Feasibility Study for the Production of Energy for Boundary Layer Suction in Soaring*, volume 24, number 2, 2000, page 41
- Vladimir Danek, *Parametric Analysis of the Sailplane Longitudinal Dynamic Stability*, volume 24, number 3, 2000, page 83
- Richard Eppler and Werner Würz, *Design Philosophies for Sailplane Airfoils with Flaps*, volume 24, number 4, 2000, page 98
- Yoshiki Fukada, *Aerodynamic Concept for a Sailplane with a Back-Swept Wing*, volume 24, number 4, 2000, page 118
- Erkki Soenne, *Validation of Navier-Stokes Computations and a Transition Model*, volume 25, number 1, 2001, page 126
- József Gedeon, DSc., *Turbulence Scale Parameter and Spectrum Identification*, volume 25, number 1, 2001, page 126
- Fabio P. Bertolotti, *Effect of Atmospheric Turbulence on a Laminar Boundary-Layer*, volume 25, number 2, 2001, page 154
- F.G. Irving, *The Optimum C.G. Position for a Flapped Sailplane*, volume 25, number 2, 2001, page 160
- D.P. Coiro, F. Nicolosi, and M. Madonna, *JdynaSim as a Simulation Tool to Study the Dynamic Behaviour of Sailplanes in Thermals*, volume 25, number 2, 2001, page 173

A.S. Jonker, P.W. Jordaan, J. Bosman, and R.S. Neethling, *An Investigation into Navier-Stokes Solutions of the Flow Around Wing-body geometries*, volume 25, number 3, 2001, page 194

Ed Geller, *Hang Glider Stability and Control*, volume 27, number 1/2, 2003, page 8

Design

Francisco Leme Galvão, *A Simplified Method of Airfoil Design*, volume V, number 4, 1980, page 24

Mark D. Maughmer and Peter J. Kunz, *Sailplane Winglet Design*, volume 22, number 4, 1998, page 116

P.W. Jordaan and A.S. Jonker, *A CAD Interface for the Fast Design of Glider Geometries*, volume 25, number 3, 2001, page 186

Flight Tests

Richard H. Johnson, *Flight Test Polar Measurements of Modern Sailplanes*, volume IV, number 4, 1976, page 11

Richard H. Johnson, *Errata: Flight Test Polar Measurements of Modern Sailplanes (Volume IV, Number 4)*, volume V, number 1, 1978, page 37

C.A. Patching, *Two-Seater Glider Flight Test Evaluation*, volume VII, number 4, 1982, page 144

Einar K. Enevoldsen and Marta R. Bohn-Meyer, *Flight Test Measurements of the Longitudinal Stability and Performance of the Canard Sailplane Solitaire*, volume VIII, number 4, 1984, page 138

D.J. Marsden, *Sailplane Performance Flight Testing*, volume IX, number 1, 1985, page 23

R.H. Johnson, *Flight Testing/Performance Improvements Through Wing Profile Correction*, volume 13, number 3, 1989, page 84

Alberto Folchini, *A Little Flight Test Laboratory*, volume 22, number 4, 1998, page 101

D.P. Coiro, F. Nicolosi, A. De Marco, N. Genito, *Dynamic Behavior and Performances Determination of DG400 Sailplane Through Flight Tests*, volume 27, number 1/2, 2003, page 24

Measurements

V. Giavotto and L. Salvioni, *A Direct Technique for Measuring Sailplane Performances*, volume IV, number 4, 1976, page 1

Performance

Frank Irving, *The Energy Loss in Pitching Maneuvers*, volume V, number 4, 1980, page 39

Spins

C.A. Martin and D.J. Pilkington, *The Spin Manoeuvre*, volume 12, number 4, 1988

Testing

A.M. Segal, I. McKenzie, L. Neil, and M. Rees, *Dynamic Testing of Highly Damped Seating Foam*, volume 19, number 4, 1995, page 116

J. Gedeon, *Standards for Sailplane Fatigue Testing Load Programs and Evaluation*, volume 21, number 1, 1997, page 18

C.A. Patching and L.A. Wood, *Further Fatigue Testing of a Glass Fiber Reinforced Plastic Glider Wing*, volume 22, number 1, 1998, page 11

Fred Hermanspann, *Low Speed Testing and Analysis*, volume 23, number 4, 1999, page 107

Winglets

G. Waibel, *Nonsense of Winglets*, volume 12, number 4, 1988

Birds

Edward E. Hindman, *Soaring Birds of Mt. Everest*, volume 18, number 1, 1994, page 2

Certification

Christoph W. Kensche, *Proposal for a Certification Procedure of Extended Sailplane Lifetime*, volume 26, number 4, 2002, page 94

Competitions

Philip J. Moore, *Computer Aided Interpretation of Turn Point Photographs*, volume 16, number 2, 1992, page 41

Olivier Liechti, *Handicaps and Polars*, volume 25, number 4, 2001, page 216

Meteorology

René Heise, *Future Aspects of Meteorological Support for Competition Flights*, volume 23, number 1, 1999, page 13

Pilots

Karl Osen, *An Evaluation of Competition Pilots and Gliding Competition Scoring Systems*, volume 14, number 2, 1990, page 57

Scoring

J.D. McKenney and H.M. Schurmeier, *An Integrated Camera Barograph System for Soaring Contests*, volume 17, number 4, 1993, page 114

Wm. C. Feldbaumer, Ph.D., *Total Elapsed Time Scoring for Sailplane Races*, volume 25, number 2, 2001, page 163

Conferences

NASA-SSA Third International Symposium on the Science and Technology of Low Speed and Motorless Flight, volume V, number 2, 1978, page 39

Construction

Steve Bowen, *Epoxy Glass Systems for Sailplane Construction*, volume I, number 1, 1971, page 1

C.A. Patching, *Establishing the Structure Integrity of Aging Gliders*, volume I, number 2, 1971, page 17

L. Pazmany, H. Prentice, C. Waterman, and F. Tietge, *Potential Structural Materials and Design Concepts for Light Airplanes, Part II*, volume II, number 1, 1972, page 8

Steven T. Bowen, *Composite Systems for Aircraft Construction*, volume II, number 2, 1972, page 1

Piero Morelli, *Extruded Light Alloy Aircraft Structure*, volume II, number 2, 1972, page 14

L. Pazmany, H. Prentice, C. Waterman, and F. Tietge, *Potential structural materials and design concepts for light aircraft, part 3*, volume II, number 2, 1972, page 25

K.J. Strack, *Crack Toughened Epoxies for Room Temperature Applications*, volume II, number 3, 1973, page 1

Barry R. Elson, *Fiberglass reinforcement for sailplanes*, volume II, number 3, 1973, page 8

L. Pazmany, H. Prentice, C. Waterman, and F. Tietge, *Potential structural materials and design concepts for light airplanes, Part IV*, volume II, number 3, 1973, page 18

Flugwissenschaftliche Vereinigung: Automatic Control of Camber Changing Flaps on High-Performance Sailplanes, volume IV, number 1, 1976, page 1

Wieslaw Staffiej, *Load alleviating capabilities of the glider structure*, volume IV, number 2, 1976, page 15

Wieslaw Stafiej, *The Wing Loading Spectrum of a Glider in Aerobatics Maneuvers Measured on a Training Two-Seater SZD-9bis "Bocian"*, volume IX, number 1, 1985, page 14

Wieslaw Stafiej, *Glider Wing Loading Spectrum in Winch-Launching, Ground Run at Aerotowing and in Landing*, volume 14, number 1, 1990, page 13

G. Clark and T.J. van Blaricum, *Fatigue of Impact-Damaged Carbon Fibre Composites*, volume 14, number 4, 1990, page 100

R. John Hannsman, Edward F. Crawley, and Karl-Peter Kampf, *Experimental investigation of the Crash-Worthiness of Scaled Composite Sailplane Fuselages*, volume 14, number 4, 1990, page 111

C.A. Patching and L.A. Wood, *Fatigue Testing of A GFRP Glider*, volume 15, number 4, 1991, page 100

G. Waibel, *Is It Necessary to Update Landing Gear Requirements?*, volume 15, number 4, 1991, page 105

Francisco Leme Galvao, *Friction Drag Reduction-II (Materials For)*, volume 16, number 3, 1992, page 91

Ruying Zhang, *Optimization of Glider Development for Mass Production*, volume 17, number 2, 1993, page 34

Stevan Maksimovic and Zdravko Gabrijel, *Minimum Weight Design of Composite Sailplane Structures*, volume 18, number 3, 1994, page 85

Wieslaw Stafiej, *Stress Comparison for Composite Glider Life Time Estimation*, volume 18, number 4, 1994, page 99

- James M. Ritchie, A.O. Payne, and Prof. N. Mileskin, *Fatigue Life Assessment of the IS28B2 Sailplane*, volume 19, number 2, 1995, page 35
- Martin Sperber, *Restraint System in Gliders Under Biomechanical Aspect*, volume 19, number 2, 1995, page 52
- Christoph W. Kensche, *Influence of Composite Fatigue Properties on Lifetime Predictions of Sailplanes*, volume 19, number 3, 1995, page 69
- R.J. Huyssen, *The Resin Dispenser: A Manufacturing Tool for Composite Materials*, volume 20, number 3, 1996, page 82
- Victor M. Saudek, *An Automatic Adjustable Nose Wheel Brake for Sailplanes*, volume 21, number 2, 1997, page 52
- Day Chahroudi, *Low Cost Manufacture of Laminar Wings*, volume 21, number 2, 1997, page 55
- Richard Eppler, *Heavily Loaded Glued Joints*, volume 22, number 3, 1998, page 87
- Wolf Roger, Niels Ludwig, and Manfred Conradi, *Glider Ground Impact Tests*, volume 23, number 4, 1999, page 120
- Mirosław Rodzewicz, Ph.D. and Adam Przekop, M.Sc., *Experimental Investigation of the Load Spectrum and Fatigue Tests of the PW-5 World Class Glider*, volume 24, number 1, 2000, page 15
- Piero Morelli, *Status and Future of the World Class*, volume 24, number 1, 2000, page 21
- Gerhard Waibel, *What Stature Pilots are Allowed to Fly Sailplanes?*, volume 24, number 1, 2000, page 30
- W.G. Scull, *JAR-22 Study Group*, volume 24, number 1, 2000, page 31
- Dr. Michael G. Woollard, *Fibrelam Glider Construction*, volume 24, number 3, 2000, page 76
- Stefan Gehrmann, *Battery-Powered Sailplanes*, volume 25, number 1, 2001, page 136

Analysis

- H. Ulv Mai, *Application of a Low-Frequency Aeroelastic Element Method to the Harmonic Gust Response Analysis of a Flexible Airplane*, volume V, number 3, 1979, page 32

Materials

- Robert T. Lampson, *Advances in Material Science and Fabricating Techniques for Sailplane Construction*, volume IV, number 4, 1976, page 27
- A.O. Payne, *The Fatigue Sensitivity of Fiberglass Gliders*, volume 13, number 2, 1989, page 45

Measurement

- Piotr Lamers, *Measurements and Recording of Loading Spectrum of Glass-Fiber Sailplane Wing Using the Strain Gauges*, volume 13, number 4, 1989, page 121

Testing

- Stefan Nyström and J. Ulv Mai, *A Fatigue Test on a Sailplane Wing*, volume V, number 3, 1979, page 37

Demographics

- Piero Morelli, *Possible Development of Gliding Worldwide*, volume 15, number 1, 1991, page 11

Design

- W.J. Betts and G.P. Layton, Jr., *Towplane Hook Design and Operational Tests*, volume I, number 1, 1971, page 7
- Frieder Schunon, *FS 32-A New Glider Project with Retractable External Airfoil Flap*, volume 13, number 4, 1989, page 112
- Frank Irving, *Boundaries for World Class Sailplanes*, volume 13, number 4, 1989, page 127
- Adam Zientek, *Polish Flying Experience With Tailless Gliders*, volume 16, number 2, 1992, page 48
- Frans Van der Kreek, *The low sink glider*, volume 17, number 1, 1993, page 16
- D.J. Marsden, *Variable geometry sailplanes minisigma*, volume 17, number 2, 1993, page 56
- Anthony M. Segal, *Anthropometry and Glider cockpit design*, volume 18, number 1, 1994, page 27
- Stevan Maksimovic and Zdravko Gabrijel, *Minimum Weight Design of Composite Sailplane Structures*, volume 18, number 3, 1994, page 85
- D.P. Coiro and F. Nicolosi, *Design and Optimization of Glider Components*, volume 19, number 2, 1995, page 45

- Dongbiao Zhao and Xin Qiao, *An Engineering Flight Simulator for Light Airplanes*, volume 19, number 4, 1995, page 101
- W. Röger and P. Stabenau, *Design Parameters for a Pilot Rescue System*, volume 20, number 1, 1996, page 17
- Sridhar V. Rao, Matthew Greenman, Christopher Tunney, and Chad Legace, *Design of an Unmanned Vehicle for Launching Sailplanes (Feasibility Study)*, volume 20, number 4, 1996, page 102
- H.A. Tarode, *The Nature of Flight Limitations*, volume 20, number 4, 1996, page 110
- Bruce H. Carmichael, *Designing Toward a One foot Per Second Sinking Speed*, volume 20, number 4, 1996, page 118
- Gary Weir, *An Examination of Three Sailplane Configurations*, volume 21, number 3, 1997, page 82
- Giulio Romeo, *Design Proposal and Wing Box Manufacturing of a Self-Launching Solar-Powered Sailplane*, volume 21, number 4, 1997, page 106
- S. Dora and J. Gedeon, *Conversion from Stochastic to Chaotic Approach in Research and Design*, volume 26, number 4, 2002, page 124
- A.S. Jonker, *Control system design using Spreadsheets*, volume 27, number 1/2, 2003, page 38
- Mark D. Maughmer, *The Design of Winglets for High-Performance Sailplanes*, volume 27, number 1/2, 2003, page 44
- Rolf Berger and L.M.M. Boermans, *Aerodynamic Design of the Wing-Fuselage Junction for the High-Performance Sailplane Mül-31*, volume 28, number 3, 2004, page 13
- Paul Dees, *A New Airfoil Optimized for Light Aircraft Performance*, volume 28, number 3, 2004, page 24

Aerodynamics

- D.J. Marsden, *Winglets For Sailplanes*, volume 15, number 4, 1991, page 119

Human-Powered

- E. Schobert, *Conception and Optimization of Man-Powered Planes-Cyclair*, volume 13, number 1, 1989, page 27

Development

- Pierro Morelli, *Possible Development of Gliding Worldwide*, volume 15, number 1, 1991, page 11

Homebuilts

- Paul A. Schweizer, *The Potential of Homebuilding From Kits in World Soaring*, volume 16, number 3, 1992, page 86

Equipment

Launching

- Wielaw Stafiej, *Simple Criteria for Towing Hook Location*, volume 19, number 3, 1995, page 92

Errata

- Richard H. Johnson, *Errata: Flight Test Polar Measurements of Modern Sailplanes (Volume IV, Number 4)*, volume V, number 1, 1978, page 37

FAI

- Pierluigi Duranti, *Electrical and Sun Powered Gliders: Do They Require a Definition of New F.A.I. Classes?*, volume 22, number 3, 1998, page 66

GPS

- Dr. Julian West, *GPS - The Emperor's New Position?*, volume 21, number 2, 1997, page 62
- Andreas Lipp, *Use of Satellite Navigation for Sailplane Performance Measurements*, volume 22, number 1, 1998, page 17

Hang Gliders

- Ingo Westerboer, *Cross-Country Flying with Hang-Gliders State of Development and Prospects*, volume 13, number 4, 1989, page 106
- Ed Geller, *Hang Glider Stability and Control*, volume 27, number 1/2, 2003, page 8

Human-Powered Flight

- John H. McMasters and Curtis J. Cole, *The Prospects for Man Powered Flight (The Future of an Illusion)*, volume I, number 2, 1971, page 1

Juan R. Cruz, *Weight analysis of the Daedalus human powered aircraft*, volume 14, number 1, 1990, page 2

Peer Frank, *Human Powered Flight with Velair*, volume 14, number 2, 1990, page 35

Michael Rehmet and Bernd-Helmut Kröplin, *Human Flight with Light*, volume 21, number 2, 1997, page 36

Instruction

C.A. Patching and G. Strickland, *Instructional Techniques for Gliding Instructors*, volume IV, number 3, 1976, page 29

Helmut Albrecht, *Pedagogical Aspects in Flight Instruction*, volume 15, number 1, 1991, page 6

Gérard Gillot, *Soaring at School: Studies on Assisting and Encouraging French Teachers to Develop Knowledge of Soaring Among Their Pupils*, volume 15, number 3, 1991, page 92

Gerhard Waibel, *Demonstration of Longitudinal Stability and Spinning Qualities During Sailplane Pilot Training*, volume 23, number 2, 1999, page 57

Instruments

Paul B. MacCready, *Instruments and Techniques for Locating and Exploiting Thermals*, volume I, number 1, 1971, page 14

Oran W. Nicks, *A Simple Total Energy Sensor*, volume IV, number 3, 1976, page 1

Peter Newgard, *Total Energy Errors Due to Air-Data Sampling*, volume 9, number 2, 1985, page 34

Spencer T. Webb, Richard W. Sheppe, Klaus E. Keim, and David M. Ellis, *Automatic Detection of Circling Flight for Sailplanes*, volume 14, number 1, 1990, page 23

Piotr Lamers, *Problems of Electronic Measuring Methods in Test Flights of Gliders*, volume 15, number 1, 1991, page 18

Piero Morelli, *A New Instrument for Fuel Consumption Measurement in Light Aircraft and Motorgliders*, volume 22, number 3, 1998, page 74

J.M. Cnossen, *Artificial Stall Warning for Sailplanes*, volume 22, number 3, 1998, page 95

Jorg M. Hacker and Timothy Crawford, *The Bat-Probe: The Ultimate Probe to Measure Turbulence from any kind of Aircraft (or Sailplane)*, volume 23, number 2, 1999, page 42

Barographs

J. McKenney and H. Schurmeier, *Barograph With Magnetic Compass Heading Recording*, volume 12, number 3, 1988

Variometer

Taras Kiceniuk, *A Variometer for Dynamic Soaring*, volume 25, number 4, 2001, page 231

Variometers

Marshall Howe, *The Berkshire Electric Vario*, volume I, number 4, 1971, page 16

Don Ott, John Larkins, and Kevin Ott, *A Ticker Audio vario*, volume I, number 4, 1971, page 26

F.G. Irving, *Altitude Effects on Variometers*, volume III, number 2, 1974, page 31

Malcolm J. Abzug, *Computed Variometer Response to Elevation Motion and Thermals*, volume V, number 1, 1978, page 29

Herbert Pirken, *A Proposal for a New Variometer System*, volume VIII, number 2, 1983, page 53

Rudolph Bruzel, *The Influence of Acceleration on the Sink Rate of a Sailplane and on the Indication of the Variometer*, volume 10, number 1, 1986

C.J. Chapman, *Variometer Compensation during Accelerated Flight*, volume 14, number 4, 1990, page 124

Branko Stojkovic, *Dynamic Netto Variometer*, volume 18, number 3, 1994, page 90

Julian M. West, *Anomalous Variometer Readings When Circling in Tilted Thermals*, volume 19, number 3, 1995, page 85

Julian West, *Anomalous Variometer Readings in Strongly Tilted Thermals*, volume 22, number 2, 1998, page 41

International

China

Mai Qingmin, *Research of Thermal Convection of the Hexi Corridor in Gansu Province of China*, volume 13, number 4, 1989, page 116

Zhang Ruying and Ma Lungzhang, *China's Sailplanes and Motorgliders - An Overview*, volume 15, number 2, 1991, page 56

Zhang Ruying, *Gliding Activities in China*, volume 15, number 2, 1991, page 61

Launching

Sridhar V. Rao, Matthew Greenman, Christopher Tunney, and Chad Legace, *Design of an Unmanned Vehicle for Launching Sailplanes (Feasibility Study)*, volume 20, number 4, 1996, page 102

Aerotow

W.J. Betts and G.P. Layton, Jr., *Towplane Hook Design and Operational Tests*, volume I, number 1, 1971, page 7

Doc. Dr.-Ing. Jerzy Maryniak, *Longitudinal Stability of a Glider in Rigid Tow*, volume II, number 1, 1972, page 1

Wieslaw Stafiej, *Glider Wing Loading Spectrum in Winch-Launching, Ground Run at Aerotowing and in Landing*, volume 14, number 1, 1990, page 13

Hans Nietlispach, *A Y-aerotow*, volume 14, number 1, 1990, page 18

Guido de Matteis, *A Theoretical Contribution to the Problem of Towplane Upset*, volume 21, number 4, 1997, page 116

James E. Murray, *The Bungee Mode in Towed Sailplane Flight*, volume 23, number 1, 1999, page 17

Release

R.G. Parker, *Some Aspects of Glider Tow Release Performance*, volume 13, number 2, 1989, page 35

Winch

Wieslaw Stafiej, *Glider Wing Loading Spectrum in Winch-Launching, Ground Run at Aerotowing and in Landing*, volume 14, number 1, 1990, page 13

F.G. Irving, *Speed and Flight Path Boundaries for Winch Launching*, volume 16, number 4, 1992, page 100

F.G. Irving, *The Choice of Limitations for Winch Launching*, volume 18, number 1, 1994, page 13

J.C. Riddell, *The Effect of Inertia in the Winch Launch*, volume 22, number 3, 1998, page 91

Literature

Aerodynamics

J.H. McMasters, *Low Speed Airfoil Bibliography*, volume III, number 4, 1974, page 40

Bibliography

J.H. McMasters, *Low Speed Airfoil Bibliography*, volume III, number 4, 1974, page 40

Manufacturing

J.J. Bosman and A.S. Jonker, *Inexpensive CAM Paackiage for the manufacturing of wing molds*, volume 27, number 1/2, 2003, page 33

Meteorology

J.R. Milford and G.R. Whitfield, *An Instrumented Glider for Meteorological Research*, volume I, number 4, 1971, page 1

F. Weber and W. Trommsdorf, *The Meteorological Conditions for Dynamic Soaring in the Jetstream and in the Low Level Jet*, volume III, number 4, 1974, page 1

J. Gedeon, *Some New Developments in Atmospheric Turbulence and Terrain Surface Description*, volume IX, number 1, 1985, page 7

L. Weickmann, *Large Scale Analysis of Meteorological Phenomena for the Period of the "First Himalayan Soaring Expedition"*, volume 12, number 2, 1988

H. Trimmel, *Meteorological Support for Gliding, Hang-gliding and Hot Air Balloon Championships*, volume 13, number 2, 1989, page 51

Jiri Forchtgott, *Fast and Slow Development of Thunderstorms*, volume 14, number 3, 1990, page 78

Jozsef Gedeon, *On the Fine Structure of Atmospheric Turbulence Measurement - Piloting, Fatigue Tests*, volume 14, number 3, 1990, page 89

- Jorg M. Hacker and Peter Schwerdtfeger, *Airborne Meteorological Studies at Flinders University*, volume 15, number 1, 1991, page 25
- S. Oney, Z. Aslan, and S. Topçu, *Analysis of Heat Flux at Earth Surface in Turkey*, volume 15, number 3, 1991, page 75
- Russell O. Pearson, *Do-It-Yourself Soaring Thermal Forecasting*, volume 15, number 4, 1991, page 110
- Manfred Reinhardt, *Wally Wallington - A life for Meteorology in Airports*, volume 17, number 1, 1993, page 4
- Francisco Leme Galvao, *Note on Soaring Climatology*, volume 18, number 1, 1994, page 18
- Z. Aslan and F. Türksöy, *Seasonal Variation Analysis of Some Meteorological Parameters for Soaring*, volume 19, number 2, 1995, page 41
- Ludwig Weickmann, *Development of Mountain and Valley Wind Calculations in the Kali Gandaki Valley in the Himalayas During the Winter*, volume 20, number 2, 1996, page 42
- Z. Aslan, S. Topcu, and S. Oney, *Analysis of Surface Temperature Heat and Momentum Fluxes in Ankara*, volume 20, number 4, 1996, page 107
- I. Gültepe, *Partition of Heat Fluxes and Structures Related to a Jet Stream*, volume 20, number 4, 1996, page 122
- Patrick Bénichou and Patrick Santurette, *SYNERGIE as a Powerful Integrated Tool for Gliding Meteorology*, volume 22, number 4, 1998, page 107
- Werner Wehry and Lutz Lesch, *Nowcasting Meteorological Hazards*, volume 22, number 4, 1998, page 112
- René Heise, *Future Aspects of Meteorological Support for Competition Flights*, volume 23, number 1, 1999, page 13
- Edward Hindman, *Soaring Weather at the Top of the World*, volume 23, number 2, 1999, page 51
- Helmut H. Fischer, *Weather Conditions in Southern Africa for Long Distance and High Speed Soaring Flights*, volume 24, number 1, 2000, page 4
- A. Tokgözü, M. Altunç, C. Lindemann, Z. Aslan, and H. Göymen, *Analysis of Atmospheric Boundary Layer and Lake-Land Interaction*, volume 24, number 2, 2000, page 56
- M.J. Hancy, B.A., *Soaring Climatology of Gawler and Surroundings. South Australia - A descriptive format.*, volume 25, number 1, 2001, page 138

Clouds

- R.S. Scorer, *Notes on Cloud Streets as Seen by Satellite*, volume VIII, number 2, 1983, page 45
- H.V. Senn, *Sailplane Flights through Funnel Clouds*, volume 10, number 3, 1986
- Detlef Muller, *Empirical Investigation of Cloud Streets over Northern Germany by Use of Routine Aerological Data*, volume 13, number 3, 1989, page 66

Convection

- F.G. Irving, *Cloudstreet Flying*, volume III, number 1, 1973, page 1
- Ralph Markson, *Remote Detection of Thermals by Means of Horizontal Electric Field Measurements*, volume II, number 4, 1973, page 14
- S. Oney, *Thermals at Central Anatolia*, volume 12, number 1, 1988
- Z. Aslan, *Modelling of Thermals*, volume 12, number 1, 1988
- C. Lindemann, *Soaring Climatology of Thermal Convection*, volume 12, number 3, 1988
- T. Hauf and T. Clark, *Convective Waves and Cumulus Growth*, volume 12, number 4, 1988
- A.G. Williams, *Dry Thermal Convection-Data Analysis and Interpretation*, volume 13, number 1, 1989, page 11
- Züreyya Oney and Zafer Aslan, *Theoretical Investigations and Measurements of Thermals*, volume 13, number 2, 1989, page 59
- Mai Qingmin, *Research of Thermal Convection of the Hexi Corridor in Gansu Province of China*, volume 13, number 4, 1989, page 116
- Helmut Schmidt and Ulrich Schumann, *Structure of the Convective Boundary Layer Derived from Large-Eddy Simulations*, volume 14, number 4, 1990, page 118

- Mai Qing Min, *Further Research of Thermal Convection to China for Soaring Flight*, volume 15, number 3, 1991, page 79
- A.G. Williams and J.M. Hacker, *Inside Thermals*, volume 16, number 2, 1992, page 57
- Ingo Westerboer, *Thermals for Everybody*, volume 18, number 2, 1994, page 45
- O. Liechti and B. Neining, *ALPTHERM - A PC Based model for atmospheric convection over complex topography*, volume 18, number 3, 1994, page 73
- Russell O. Pearson, *Moisture Effects on Soaring Thermal Forecasts*, volume 19, number 3, 1995, page 77
- Tillmann Steckner, *Thermals: A Proposal for Their Better Utilization and Detection*, volume 19, number 4, 1995, page 122
- K. Natarajan, T. Bitak, and Z. Aslan, *Satellite Evaluation of the Impact of Windshear and Water Vapor on Convective Clouds*, volume 20, number 1, 1996, page 4
- József Gedeon, *Instationary Stochastic Modelling of Thermals*, volume 20, number 1, 1996, page 11
- Rudolf Mathar, *Stochastic Models of Thermal Convection: An Extended MacCready Theory and a Simulation Tool*, volume 20, number 4, 1996, page 113
- Jim Wang, *Practical Weather Forecasting of Thermal Soaring Weather*, volume 21, number 1, 1997, page 27
- Z. Aslan and A. Tokgözü, *Instability Indices for Atmospheric Convection*, volume 22, number 1, 1998, page 24
- Olivier Liechti and Erland Lorenzen, *A New Approach to the Climatology of Convective Activity*, volume 22, number 2, 1998, page 36
- Carsten Lindemann and Jörlund Asseng, *Geographical Signatures for Thermal Convection Climatology*, volume 22, number 3, 1998, page 81
- Krzysztof E. Haman, *Mesoscale Convergence and Cumulus Convection*, volume 22, number 4, 1998, page 124
- Carsten Lindemann and Jörlund Asseng, *Thermal Infrared Temperatures and Vertical Heat Flux*, volume 23, number 2, 1999, page 46

Forecasting

- C.L. Bristor, C.V. Lindsay, B.B. Goddard, and R. Koeffler, *New Satellite Support for the Soaring Weather Forecaster and Pilot*, volume III, number 2, 1974, page 1

Measurements

- F.J. Ossing, et. al., *Remote Sensing and in-situ measurements with a moterlider-based new concept aircraft*, volume 18, number 2, 1994, page 55

Mountain

- Doug Armstrong and Chris Hill, *Moutain Meteorology - Know Before You go*, volume V, number 3, 1979, page 1
- Edward E. Hindman and Michael A. Engber, *Air Motions in the Khumbu Hinal and Possible Soaring Flights*, volume 19, number 1, 1995, page 3

Mountains

- Edward E. Hindman and Emil J. Wick, *Air Motions in the Vicinity of Mt. Everest as Deduced from Pilatus Porter Flights*, volume 14, number 2, 1990, page 52

Storms

- W.J. Grace and M.J. Hancy, *Microburst at Murray Bridge*, volume 12, number 4, 1988
- Douglas J. Sherman, *The Bald Hills Downburst: A Thunderstorm Downburst Case Study*, volume 13, number 1, 1989, page 19

Thermals

- Paul B. MacCready, *Instruments and Techniques for Locating and Exploiting Thermals*, volume I, number 1, 1971, page 14

Waves

- Peter F. Lester, *An Evaluation of a Lee Wave Forecasting Nomogram*, volume III, number 3, 1974, page 1
- T. Hauf and T. Clark, *Convective Waves and Cumulus Growth*, volume 12, number 4, 1988

- Scott A. Jenkins, Laurence Armi, and Joseph Wasyl, *Glide Optimization For Cross Country Wave Flights*, volume 16, number 1, 1992, page 3
- B. Benech, et. al., *Observations of Lee Waves above the Pyrenees French-Spanish "Pyrex" Experiment*, volume 18, number 1, 1994, page 7
- Ahmet Tokgözlü and Zafer Aslan, *The Statistical Analysis of Mountain Waves Over Southern Anatolia*, volume 19, number 4, 1995, page 113
- Julian West, *Lee Wave Interference Patterns - Their Explanation and Exploitation for Soaring Flight*, volume 20, number 2, 1996, page 54
- W.A. O'N. Waugh, *Optimizing Figure 8 Soaring for Hill and Wave Lift*, volume 21, number 1, 1997, page 3
- Matthias Eckardt, *Lee Waves Over Europe*, volume 21, number 4, 1997, page 99
- Carsten Lindemann, *Some Experiments on Lee Waves Near Smaller Mountains*, volume 24, number 3, 2000, page 80
- Dr. Herbert Leykauf and Dr. Ralf Thehos, *Forecasting of Lee Waves Over Complex Terrain by Means of a non-hydrostatic Forecast Model*, volume 25, number 3, 2001, page 184

Wind

- R. Biagi, *Trigger point of wind detection*, volume 19, number 1, 1995, page 19

Motorgliders

- Hans Zacher, *The definition of the motorsegler*, volume III, number 3, 1974, page 11
- D.J. Marsden and V.K. Sharma, *A retractable propeller for self launching sailplanes*, volume IV, number 2, 1976, page 22
- Zhang Ruying and Ma Lungzhang, *China's Sailplanes and Motorgliders - An Overview*, volume 15, number 2, 1991, page 56
- Piero Morelli, *Motorgliders and motorgliding: Present and future*, volume 17, number 3, 1993, page 66
- Ruying Zhang, Baokui Shou, and Kuiwen Chen, *The Development of Utility Motorgliders in China*, volume 18, number 4, 1994, page 107
- Michael A. Rehmet, *Development of a self launching solar powered sailplane*, volume 19, number 1, 1995, page 23
- Giorgio Guglieri and Fulvia Quagliotti, *Performance Analysis of a Solar Powered Tail Less Motor Glider*, volume 20, number 2, 1996, page 47
- Piero Morelli, *A New Instrument for Fuel Consumption Measurement in Light Aircraft and Motorgliders*, volume 22, number 3, 1998, page 74
- Paoli Ballochi, Mario Beretta, and Gianni Fumagalli, *Study of a Single-Blade Propulsion System for Retractable Engine Sailplanes*, volume 23, number 2, 1999, page 61

OSTIV

- Call for Papers: Fourteenth OSTIC Congress, Waikerie, Australia*, volume II, number 3, 1973, page 44
- Call for Papers - XVI OSTIV Congress, Chateauroux, France July 20-29, 1978*, volume V, number 1, 1978, page 36
- Call for Papers, 19th OSTIV Congress 1985 in Rieti, Italy*, volume IX, number 1, 1985, page 33
- OSTIV Board, *Announcement and Design Competition: OSTIV Competition for Development of a Special Flight Instrument Stall Warning for Sailplanes*, volume 12, number 1, 1988
- OSTIV Board, *XXI OSTIV Congress*, volume 13, number 1, 1989, page 3
- OSTIV Board, *OSTIV Announcement*, volume 13, number 2, 1989, page 34
- Call for Papers by OSTIV*, volume 14, number 3, 1990, page 66
- Call for Papers by OSTIV*, volume 14, number 4, 1990, page 98
- Call for Papers by OSTIV*, volume 15, number 1, 1991, page 2
- Call for Papers by OSTIV*, volume 15, number 2, 1991, page 34
- OSTIV Congress Information*, volume 15, number 3, 1991, page 66
- OSTIV Announcement: OSTIV Congress - Uvalde 1991 A Most Successful Event*, volume 15, number 4, 1991, page 98
- OSTIV Announcement*, volume 16, number 3, 1992, page 66
- OSTIV Announcement*, volume 16, number 4, 1992, page 98

- Manfred Reinhardt, *OSTIV Announcement*, volume 18, number 2, 1994, page 34
- Manfred Reinhardt, *OSTIV Announcement*, volume 18, number 3, 1994, page 66
- Manfred Reinhardt, *OSTIV Announcement*, volume 18, number 4, 1994, page 98
- Manfred Reinhardt, *OSTIV Announcement*, volume 19, number 1, 1995, page 2
- L.M. Boermans, *Brief Report on the XXIV OSTIV Congress at Omarama, New Zealand, 1995*, volume 19, number 2, 1995, page 34
- Manfred Reinhardt, *OSTIV Announcement*, volume 19, number 3, 1995, page 66
- Manfred Reinhardt, et al., *OSTIV Remarks*, volume 19, number 4, 1995, page 97
- Manfred Reinhardt, *OSTIV Remarks*, volume 20, number 1, 1996, page 2
- Manfred Reinhardt, *OSTIV Remarks*, volume 20, number 2, 1996, page 34
- Manfred Reinhardt, *OSTIV Remarks*, volume 20, number 3, 1996, page 66
- Cedric Vernon, *Revised OSTIV Ground Loads Standards*, volume 20, number 3, 1996, page 70
- Manfred Reinhardt, *OSTIV Remarks*, volume 20, number 4, 1996, page 98
- Manfred Reinhardt, *OSTIV Remarks*, volume 21, number 1, 1997, page 2
- W.G. Scull, *The OSTIV Sailplane Development Panel*, volume 21, number 1, 1997, page 23
- Manfred Reinhardt, *OSTIV Remarks*, volume 21, number 2, 1997, page 34
- Manfred Reinhardt, *Remarks of the President*, volume 21, number 3, 1997, page 66
- Manfred Reinhardt, *President's Remarks*, volume 21, number 4, 1997, page 98
- L.M.M. Boermans, *OSTIV Announcement Call for Papers*, volume 22, number 4, 1998, page 98
- L.M.M. Boermans, *OSTIV Announcement Call for Papers*, volume 23, number 1, 1999, page 2
- XXVII. *OSTIV Congress 2001 at Mafikeng, South Africa*, volume 25, number 2, 2001, page 152

Parachutes

- P. Stabenau and W. Röger, *Requirements for Parachutes of Glider Recovery and Pilot Rescue Systems*, volume 19, number 4, 1995, page 106
- Gil Iosilevskii, *Center-of-Gravity and Lift Coefficient Limits of a Gliding Parachute: Case Study*, volume 21, number 2, 1997, page 44
- Michael G. Woollard, *A Comparative Evaluation of Glider Parachute Rescue System Design Aspects*, volume 22, number 1, 1998, page 3
- Stefan Melber and Wolf Roger, *Trajectory of the Parachute Bag During the Deployment Phase*, volume 23, number 3, 1999, page 84

People

Wally Wallington

- Manfred Reinhardt, *Wally Wallington - A life for Meteorology in Airports*, volume 17, number 1, 1993, page 4

Performance

- Malcolm J. Abzug, *A Speed Ring for Cloud Street Flying*, volume IV, number 1, 1976, page 9
- Richard M. Andres, *Is a "Speed Ring" Necessary*, volume IV, number 1, 1976, page 15
- Risto Arho, *Some Notes on Soaring Flight Optimization Theory*, volume IV, number 2, 1976, page 27
- Peter Mortenson, *Glide Matrix and Final Glide Device*, volume V, number 1, 1978, page 10
- George Bennett, Einar Enevoldson, Joe Gera, and Jim Patton, *Pilot Evaluation of Sailplane Handling Qualities*, volume V, number 4, 1980, page 3
- Winfried M. Feifel, *Combination of Aileron and Flap Deflection for Minimum Induced Drag*, volume V, number 4, 1980, page 15
- K.J. Herr, *Comments on Performance and Handling Qualities of Gliders with Variable Geometry (D-40 of Akaflieg Darmstadt)*, volume VIII, number 2, 1983, page 33
- Justyn Sandauer, *A Simple Model of Dynamic Energy Exchange Between a Sailplane and Vertical Air Currents*, volume VIII, number 2, 1983, page 66
- B. Strojko, *Computer-Aided Research of Different Ways of Leaving a Thermal*, volume VIII, number 4, 1984, page 142
- R. Danewid, *A Simple Approximation of the Best-Speed-To-Fly Theory*, volume 12, number 3, 1988
- Garry Speight, *Automatic Adjustment of the MacCready Ring*, volume 13, number 2, 1989, page 57
- Kevin Finke, *Comparison of Classical Speed to Fly Theory Using Second, Third, Fourth, and Fifth Degree Polynomial Speed Polars*, volume 16, number 3, 1992, page 78

- Victor Mead Saudek, *Calibrating Sailplane Performance Using Ground-Based Datum, A Proposal*, volume 16, number 4, 1992, page 116
- Piero Morelli, *Cruising flight of light aircraft and motorgliders*, volume 17, number 2, 1993, page 49
- Richard Eppler, *What Price Performance?*, volume 18, number 3, 1994, page 79
- Andreas Albat and Dietmar Schmerwitz, *Investigation of the Speed Reduction Method for the Performance Evaluation of Gliders*, volume 18, number 4, 1994, page 110
- Zoran Stefanovic and Dragan Cvetkovic, *Minimum Landing Approach Distance for a VUK-T Sailplane*, volume 21, number 3, 1997, page 68
- Andreas Lipp, *Use of Satellite Navigation for Sailplane Performance Measurements*, volume 22, number 1, 1998, page 17
- Yoshiki Fukada, *Speed to Fly with Management of the Risk of Landing Out*, volume 24, number 3, 2000, page 88
- Michael Greiner and Akaflieg Stuttgart, *The Effect of Insect Contamination on Average Cross Country Speed*, volume 25, number 3, 2001, page 201
- Taras Kiceniuk, *Dynamic Soaring and Sailplane Energetics*, volume 25, number 4, 2001, page 221
- Taras Kiceniuk, *Calculations on Soaring Sink*, volume 25, number 4, 2001, page 228
- François Ragot, *Best Speed Story*, volume 28, number 1/2, 2004, page 1

Aerodynamics

- D. Althaus, *Performance Improvement On Tailplanes by Turbulators*, volume 15, number 4, 1991, page 125

Ballast

- Wieslaw Stafiej, *Consequences of increasing water ballast*, volume 17, number 3, 1993, page 84

Cross-Country

- Li Kaihe, *A Probe of Soaring a Straight Distance of 2,000 Km*, volume 23, number 1, 1999, page 7

Speed-to-fly

- R.C. Gibbons, *A program to assist in the construction of a stocker handheld final glider calculator*, volume 17, number 3, 1993, page 72
- Branko Stojkovic, *Generalized speed to fly Theory*, volume 17, number 3, 1993, page 77
- Michael L. Steinberger, *Pitch to Fly as a Soaring Tactic*, volume 17, number 4, 1993, page 101
- Jörg Wagner, *On the Identification of the Speed Polar during Normal Soaring Flight*, volume 18, number 2, 1994, page 49

Techniques

Flight

- Scott A. Jenkins, Laurence Armi, and Joseph Wasyl, *Glide Optimization For Cross Country Wave Flights*, volume 16, number 1, 1992, page 3

Physiology

- Anthony M. Segal, *Anthropometry and Glider cockpit design*, volume 18, number 1, 1994, page 27
- Rober W. Weien and Peter M. Harmer, *Incidence of Decompression Sickness in High Altitude Glider Operations*, volume 19, number 1, 1995, page 14
- G rard Gillot and Damien Daverme, *Sleep and Recovery During a Sustained Training session*, volume 19, number 2, 1995, page 58
- G rard Gillot and Annick Durny, *Evaluation of Psychomotor Capacities During a Sustained Training Session*, volume 19, number 2, 1995, page 62
- Uwe St ben, M.D., *Hearing Damage by Cockpit Noise in Motor Gliders*, volume 25, number 1, 2001, page 144
- Robert Henderson, *Exposure to Mild Hypoxia and Implications for Decision Making*, volume 26, number 4, 2002, page 106

Psychology

- Gillot and Fatima Hadj-Saad, *Physical and Mental Techniques of Recovery: A Survey in French Elite Soaring Pilots*, volume 16, number 4, 1992, page 123

Ian Oldaker, *Pilot Decision Making - An Alternative to Judgement Training*, volume 20, number 2, 1996, page 36

Dianne McCarthy, Robert Henderson, and Odette Miller, *Gliding High: Pleasure or Pain*, volume 20, number 3, 1996, page 84

Safety

Wilhelm Lucker, *A New Seatbelt System for Sailplanes*, volume IV, number 1, 1976, page 22

Stephen Du Pont, *Safer Landings through Understanding Visual Pattern Angles*, volume V, number 1, 1978, page 13

Evaluation of Sailplane Accidents, volume VII, number 3, 1982, page 103

Dr. T. Segal, *Pilot Safety and Spinal Injury*, volume 12, number 4, 1988

Anthony M. Segal, *Aircraft (Full-Size Glider) Crash-Worthiness Impact Test*, volume 14, number 2, 1990, page 40

W.G. Scull, *Flight Safety Objectives and Objective Flight Safety*, volume 14, number 3, 1990, page 68

Detlef Pusch and Martin Sperber, *Investigation of Glider Safety Belt Behavior Under Accident Condition*, volume 15, number 3, 1991, page 68

W. Röger and P. Stabenau, *Problems and improvements of canopy jettisoning systems*, volume 17, number 2, 1993, page 42

William G. Scull, *Safety Through Knowledge*, volume 17, number 4, 1993, page 98

W. Röger, et. al., *Glider recovery and pilot rescue systems*, volume 18, number 2, 1994, page 40

T.C.D. Whiteside and L. Smrcek, *Wasp Markings for Propellers and Rotor Conspicuity*, volume 18, number 4, 1994, page 104

Martin Sperber, *Restraint System in Gliders Under Biomechanical Aspect*, volume 19, number 2, 1995, page 52

W. Röger and P. Stabenau, *Design Parameters for a Pilot Rescue System*, volume 20, number 1, 1996, page 17

Frank Caron, *Glider Accidents in France from 1989 to 1993: The Role of the Pilot*, volume 23, number 3, 1999, page 71

Stanislaw Suchodolski, Jacek Wisniewski, and Pawel Zak, *Risk Evaluation Through the Glider Stall*, volume 23, number 3, 1999, page 76

Tomasz Pancewicz and Tadeusz Szopa, *Tree Methods for Risk Evaluation of the Glider Flight*, volume 23, number 3, 1999, page 79

Wolf Roger, Niels Ludwig, and Manfred Conradi, *Glider Ground Impact Tests*, volume 23, number 4, 1999, page 120

Antony M. Segal, Leslie P. Neil, Graham A. Reece, and Philip G. Murtha, *Four and Five Point Glider Seat Harness Static and Dynamic Tests*, volume 24, number 3, 2000, page 66

Andreas Cremer, *Design of a Pilot Rescue System for the Glider D-43*, volume 24, number 4, 2000, page 105

Gerhard Waibel and A. Schleicher, *Designing a Crashworthy Cockpit Sill*, volume 24, number 4, 2000, page 109

Peter Kousal, *What Price for Safety?*, volume 24, number 4, 2000, page 113

Erkki Soinne, *Five Years of Web-Based Incident Reporting*, volume 27, number 1/2, 2003, page 18

Accidents

R.H.E. Henn, *Fatal Sailplane Accidents*, volume 13, number 3, 1989, page 102

Sailplanes

Zhang Ruying and Ma Lungzhang, *China's Sailplanes and Motorgliders - An Overview*, volume 15, number 2, 1991, page 56

Alcor

Robert T. Lamson, *Alcor - A High Altitude Pressurized Sailplane*, volume III, number 2, 1974, page 14

Design

E. Eugene Larrabee, *The Aerodynamic Design of Sailplane Tail Assemblies*, volume V, number 1, 1978, page 21

- A.M.O. Smith, *The Possibilities of Sailplanes Designed to Use Laminar Flow Control*, volume 9, number 2, 1985, page 39
- John H. McMasters, *A Critique of Two Recent Sailplane Design Contests*, volume 9, number 3, 1985, page 64
- Paul A. Schweizer, *An International One Design Class and the Olympics*, volume 13, number 2, 1989, page 42
- L.M.M. Boermans and G. Waibel, *Aerodynamic Design of the Standard Class Sailplane ASW-24*, volume 13, number 3, 1989, page 72
- R.H. Johnson, *Flight Testing/Performance Improvements Through Wing Profile Correction*, volume 13, number 3, 1989, page 84
- Wojciech Potkanski and Wojciech Chajec, *Flutter Analysis During the Design of Sailplanes*, volume 13, number 4, 1989, page 135
- E. Schöberl, *Solar-Powered Aircraft Design*, volume 15, number 2, 1991, page 38
- Richard M. Howard, *Design of A High-Lift Airfoil for Hang-Glider Applications*, volume 16, number 1, 1992, page 27
- Dongbiao Zhao and Xub Qiao, *CAD optimization of glider design with program NAI 186*, volume 17, number 3, 1993, page 91
- L. Smrcek, *Application of Microcomputer Software to the aerodynamic design of a motor glider*, volume 17, number 4, 1993, page 107
- Oran W. Nicks, *A Physical View of Wing Aerodynamics*, volume 17, number 4, 1993, page 122

Glaser-Dirks

DG 400

- D.P. Coiro, F. Nicolosi, A. De Marco, N. Genito, *Dynamic Behavior and Performances Determination of DG400 Sailplane Through Flight Tests*, volume 27, number 1/2, 2003, page 24

IS28B2

- James M. Ritchie, A.O. Payne, and Prof. N. Mileszkin, *Fatigue Life Assessment of the IS28B2 Sailplane*, volume 19, number 2, 1995, page 35

LAK-12

- A. Ushakov, V. Paulauskas, and J. Bareisis, *Investigation of operational failsafe characteristics of the sailplane LAK-12 "Lietuva"*, volume 14, number 3, 1990, page 73

MIT Monarch

- Juan R. Cruz, Mark Drela, and John S. Langford, *The MIT Monarch and the Kremer World Speed Competition*, volume IX, number 1, 1985, page 1

Performance

- D.J. Marsden, *Sailplane Performance Estimation*, volume V, number 3, 1979, page 15

Testing

- J. Gedeon and G. Kalman, *Service Life Extension Possibilities by Fatigue Tests on Used Sailplanes*, volume IV, number 4, 1976, page 34

Sites

Mt. Everest

- Edward Hindman, Oliver Liechti, and Peter Lert, *Soar Mt. Everest*, volume 26, number 4, 2002, page 114

Turkey

- Z. Aslan, et. al., *Thermic Potential for Soaring at Inonu*, volume 18, number 2, 1994, page 36
- Ahmet Tokgözlü and Zafer Aslan, *The Statistical Analysis of Mountain Waves Over Southern Anatolia*, volume 19, number 4, 1995, page 113

Techniques

Dolphin

- Jósef Gedeon, *Dynamic Analysis of Dolphin Style Thermal Cross Country Flight*, volume III, number 1, 1973, page 9
- Risto Arho, *Optimal dolphin soaring as a variational problem*, volume III, number 1, 1973, page 20

József Gedeon, *Dynamic Analysis of Dolphin Style Thermal Cross Country Flight*, volume III, number 3, 1974, page 17

R. Meyer, *Dolphin Style Gliding*, volume V, number 1, 1978, page 1

Lee Collins and Wolfram Gorisch, *Dolphin-style soaring - A Computer Simulation with respect to the Glider's Energy Balance*, volume V, number 2, 1978, page 16

Wojtek Mozdyniewicz, *Basic Dolphin Tactics (see comments in volume 8 number 4)*, volume VIII, number 2, 1983, page 37

W. Gorisch, *Letters to the Editor - Basic Dolphin Tactics*, volume VIII, number 4, 1984, page 151

Dynamic Soaring

F. Weber and W. Trommsdorf, *The Meteorological Conditions for Dynamic Soaring in the Jet-stream and in the Low Level Jet*, volume III, number 4, 1974, page 1

Vadym V. Utgoff and Frederick G. Johnson, *Dynamic Soaring in the Atmospheric Boundary Layer: An Experimental Investigation*, volume V, number 2, 1978, page 1

Flight

F.X. Litt and G. Sander, *Optimal flight strategy in a given space distribution of lifts with minimum and maximal altitude constraints*, volume VI, number 2, 1980, page 23

Justyn Sandauer, *Some problems of the dolphin mode flight technique*, volume VI, number 2, 1980, page 29

John H. Cochrane, *The Start-Time Game in Competition Soaring*, volume 22, number 2, 1998, page 56

John H. Cochrane, *MacCready Theory with Uncertain Lift and Limited Altitude*, volume 23, number 3, 1999, page 88

Ronald Meyer, *Random Walk Source Model and C_f*, volume 25, number 2, 2001, page 167

M.E. Lattimore, *Maximum Energy Legs: Glide Speeds in an Inhomogeneous Airmass*, volume 25, number 3, 2001, page 190

Ridge

Edward F. Crawley and Michael Schmanske, *Optimum ridge Lift a Scaled Experimental Investigation*, volume 18, number 4, 1994, page 120

W.A. O'N. Waugh, *Optimizing Figure 8 Soaring for Hill and Wave Lift*, volume 21, number 1, 1997, page 3

G. Sachs and M. Mayrhofer, *Shear Wind Strength Required for Dynamics Soaring at Ridges*, volume 25, number 4, 2001, page 209

Thermal

F.G. Irving, *The Effect of Errors in Interthermal Speed on the Average Cross Country Speed*, volume III, number 2, 1974, page 26

Wave

W.A. O'N. Waugh, *Optimizing Figure 8 Soaring for Hill and Wave Lift*, volume 21, number 1, 1997, page 3

Testing

M.N. Taylor and L. Smrcek, *Wing Glove Test Bed Feasibility Study*, volume 20, number 1, 1996, page 23

Trailers

Nelson E. Funston, *The Influence of Design Parameters on Glider Trailer Towing Behavior*, volume 13, number 3, 1989, page 90

Ultralights

Piero Morelli, *Ultra-Light and "Light" Sailplanes*, volume 22, number 2, 1998, page 47

Flight Tests

Alberto Folchini, *Some Experiences in Ultralight Flight Test*, volume 17, number 4, 1993, page 118

No subject

Francisco Leme Galvao, *A Universal Table for Gliding*, volume I, number 1, 1971, page 18

D.F. Farrar, *A Low Speed Sailplane for Research*, volume I, number 2, 1971, page 25

- Robert J. Pegg, *Application of the Valveless Pulsejet Engine to Powered Sailplanes*, volume I, number 2, 1971, page 29
- Charles V. Lindsay, *Forecasting thermal conditions for soaring*, volume I, number 3, 1971, page 1
- Paul Bikle, *Sailplane Performance Measured in Flight*, volume I, number 3, 1971, page 6
- Call for Papers*, volume I, number 3, 1971, page 32
- H.C.N. Goodhart, *A Note on the Measurement of the Induced Drag Factor (k) of a Glider*, volume I, number 4, 1971, page 7
- Major Judson T. Bauman, *Effect of Stabilizer Lift on Sailplane Performance*, volume I, number 4, 1971, page 10
- L. Pazmany, H. Prentice, C. Waterman, and F. Tietge, *Potential structural Materials and Design Concepts for Light Airplanes, Part I*, volume I, number 4, 1971, page 30
- G. Stedtfeld and J.P. Crance, Translated and abstracted by Erica Scurr, *Abstract: The World Gliding Championships at Marfa Texas and the Medico-Physiologic Preparation of the Teams*, volume I, number 4, 1971, page 39
- Call for Papers*, volume I, number 4, 1971, page 40
- Papers Presented at 13th OSTIV Congress, Vrsac, Yugoslavia, 1972 (Technical)*, volume II, number 1, 1972, page 43
- Jerzy Wolf, *The stretched membrane sailwing*, volume II, number 4, 1973, page 1
- Call for Papers: AIAA/MIT/SSA Second International Symposium on the Technology and Science of Low-Speed and Motorless Flight*, volume II, number 4, 1973, page 37
- Call for Papers: A Northwest Soaring Symposium*, volume II, number 4, 1973, page 38
- K.J. Strack, *ERRATA: "Crack Toughened Epoxies for Room Temperature Applications", Volume II, Number 3, page 1.*, volume II, number 4, 1973, page 38
- A Preliminary Symposium Announcement*, volume IV, number 2, 1976, page 26
- Call for Papers - Third International Symposium on the Science and Technology of Low-Speed and Motorless Flight*, volume V, number 1, 1978, page 38
- John McMasters, *A Letter from the Editor*, volume VI, number 1, 1980, page 1
- M. Hansen, *Design and Construction of the SB-11*, volume VI, number 1, 1980, page 3
- J. Gedeon, *Some Thoughts on the Feasibility of a Solar-Powered Plane*, volume VI, number 1, 1980, page 11
- Frank G. Sator, *Supercritical Airfoil Sections with Slotless Fowler Flaps for Gliders and Motogliders*, volume VI, number 1, 1980, page 19
- Ch. Fauvel, *New Developments in Self-Launching Sailplanes Single Seater Flying Wing Fauvel AV-451 with Laminar Airfoil Wortmann GX-66H-159*, volume VI, number 1, 1980, page 27
- Call for Papers*, volume VI, number 1, 1980, page 31
- J.H. McMasters and M.L. Henderson, *Low Speed Single Element Airfoil Synthesis*, volume VI, number 2, 1980, page 1
- H.C. Higgins, *The light touch*, volume VI, number 2, 1980, page 35
- Bernard Peiwonsky, *A Letter from the Editor*, volume V, number 4, 1980, page 1
- K.H. Horstmann and A. Quast, *Reduction of Section Drag by Blowing Rows of Holes in Areas of Laminar Separation Bubbles*, volume VII, number 1, 1981, page 1
- G. Sunderland, *A Pilot Restraint System for the Moba 2C Glider*, volume VII, number 1, 1981, page 6
- D. Althaus, *Drag Measurements on Airfoils*, volume VII, number 1, 1981, page 9
- L.M.M. Boermans and H.J.W. Selen, *On the Design of some Airfoils for Sailplane Application*, volume VII, number 1, 1981, page 13
- Wolfram Gorisch, *Load Variation Flight Style and its Implications to the Theory of Soaring*, volume VII, number 1, 1981, page 36
- Frank Irving, *The Optimum Center of Gravity Position for Minimum Overall Energy Loss*, volume VII, number 1, 1981, page 43
- E. Eugene Larrabee and Susan French, *Propeller Design and Analysis for Pedal Driven and other Odd Aircraft*, volume VII, number 2, 1981, page 49
- Frank Irving, *Shapes for the Tips of Lightly-Loaded Propeller Blades*, volume VII, number 2, 1981, page 66

- Biulio Romeo, *Sailplane Wing Box Design using Graphite/Aramid/Epoxy*, volume VII, number 2, 1981, page 70
- J.C. Riddell, *The Design and Development of the Sprite Sailplane, 1969-1980*, volume VII, number 2, 1981, page 76
- D. Althaus, *Influencing Transition on Airfoils*, volume VII, number 2, 1981, page 82
- ASW-22, *from Flight International*, volume VII, number 2, 1981, page 94
- J.H. McMasters, *Editorial*, volume VI, number 3, 1981, page 1
- Wieslaw Stafiej, *Loading Consequences of the Wing Upper Surface Air Brake*, volume VI, number 3, 1981, page 3
- R.T. Lamson, *Possible Overloading of Sailplane Wings through Spoiler Operation at High Speed*, volume VI, number 3, 1981, page 9
- G.P. Esson and C.A. Patching, *Fatigue Life Considerations for Gliders Operated in Australia*, volume VI, number 3, 1981, page 10
- L.M.M. Boermans, *Development of a Computer Program for Parametric Sailplane Performance Optimization*, volume VI, number 3, 1981, page 17
- W. Gorisch, *Energy Gain in Pitching Maneuvers*, volume VI, number 3, 1981, page 37
- Dr. Teddy Stedtfeld and Ann Welch, *Technical Developments at the World Championships*, volume VI, number 4, 1981, page 1
- J.H. McMasters, R.H. Nordvic, M.L. Henderson, and J.H. Sandvic, *Two Airfoil Sections Designed for Low Reynolds Numbers*, volume VI, number 4, 1981, page 2
- J.L. De Jong, *Optimal Range Velocity Polar*, volume VI, number 4, 1981, page 25
- J.C. Riddell, *The Design and Development of Glider Launching Winches*, volume VII, number 3, 1982, page 95
- Kluas Holighaus, *Self-Sustaining Engine*, volume VII, number 3, 1982, page 111
- Ch. Kensch, *Fatigue Test of a Sailplane Wing in CFRP Construction*, volume VII, number 3, 1982, page 114
- Gary Sunderland, *Progress on Home-Built Sailplanes*, volume VII, number 4, 1982, page 128
- Dan M. Somers, *NASA Research Related to Sailplane Airfoils*, volume VII, number 4, 1982, page 136
- Dr. Jozsef Gedeon, *Primary Two-Seater Development Problems*, volume VII, number 4, 1982, page 155
- D.S. Tannhauser, *Angles and Forms While Turning on Tow*, volume VIII, number 1, 1983, page 1
- G. Stich, *Effect of the Fixed Horizontal Tail on Flight Characteristics in Circling*, volume VIII, number 1, 1983, page 3
- Frank Irving, *How Glider Pilots Get There Faster*, volume VIII, number 1, 1983, page 14
- R.A. Streather, *Variable Geometry Airfoils as Applied to the Beatty B-5 and B-6 Sailplanes*, volume VIII, number 1, 1983, page 21
- Call for Papers - 4th International Symposium on the Science and Technology of Low Speed and Motorless Flight*, volume VIII, number 2, 1983, page 69
- J.L. De Jong, *The "Convex-Combination Approach," A Geometric Approach to the Optimization of Sailplane Trajectories*, volume VIII, number 3, 1984, page 98
- Paul F. MacCready, *Natural and Artificial Flying Machines*, volume 9, number 3, 1985, page 58
- Alex Strojnik, *Design Considerations for a Homebuilt Powered 2 Seat Sailplane*, volume 9, number 4, 1985, page 78
- R.E. Baier, *Prospects for Preventing Insect Adhesion to Leading Edges of Aircraft*, volume 9, number 4, 1985, page 82
- M. Sri-Jayantha and Robert F. Stengel, *Data acquisition System and Methodology for High Angle of Attack Parameter Estimation*, volume 9, number 4, 1985, page 85
- D. Althaus, *Effects on the Polar Due to Changes or Disturbances to the Contour of the Wing Profile*, volume 10, number 1, 1986
- F. Irving, *Glider/Tow-Plane upsets*, volume 10, number 2, 1986
- S.O. Ridder and H. Uden, *Windex 1200: Design Process and Progress Report*, volume 10, number 2, 1986
- E. Hindman, *Ascending Mt. Everest Through Soaring Flight*, volume 10, number 3, 1986

- J. Maupin, *The Carbon Dragon Foot Launch Sailplane*, volume 10, number 3, 1986
- NASA, *Continuous Multi-Element Hot-Film Transition Gage*, volume 10, number 4, 1986
- Piero Morelli, *Glider Towplanes*, volume 11, number 1, 1987
- B. Stokovic, *Semi Dynamic Thermalling*, volume 12, number 1, 1988
- D.J. Portman, *Influence of Evapotranspiration Rates on Development of Thermals*, volume 12, number 1, 1988
- G. Hammond, *Introduction of Pilot Decision Making to the Glider Pilot*, volume 12, number 1, 1988
- P. Morelli, *Transfer of Sailplane Technology into the Light Aeroplane of the Future*, volume 12, number 2, 1988
- P. Newgard, *Collision Potential in Sailplane Competitions*, volume 12, number 2, 1988
- W. Röger and M. Conradi, *Evaluation of Canopy Jettisoning Systems for Sailplanes*, volume 14, number 2, 1990, page 47
- Gottfried Sachs, Alexander Knoll, and Klaus Lesch, *Optimal Utilization of Wind Energy for Dynamic Soaring*, volume 15, number 2, 1991, page 48
- Bernard Paiewonsky and Floyd Sweet, *The Initial Launch of Technical Soaring Information*, volume 23, number 1, 1999, page 5
- Paul B. MacCready, *Regenerative Battery-Augmented Soaring*, volume 23, number 1, 1999, page 28
- Reto Sparr, Oliver Liechti, and Bruno Bruderer, *Forecasting Flight Altitudes and Soaring Performance of Migrating Raptors by the Altitudinal Profile of Atmospheric Conditions*, volume 24, number 2, 2000, page 49
- Oliver Liechti, *REGTHERM 2001 Convection Model with Local Winds*, volume 26, number 1, 2002, page 2
- Estelle Benitz and Lucian Benitz, *Meteorological Data Acquisition and Service Delivery for WGC 2001 in Mafikeng South Africa*, volume 26, number 1, 2002, page 6
- Gerhard Waibel, *Basic Criteria for Airworthiness Requirements*, volume 26, number 1, 2002, page 13
- Taras Kiceniuk, *Calculating the Benefits of Dynamic Soaring*, volume 26, number 1, 2002, page 17
- Paul N. Chase, *The Yaw String Method of Tinkering with Sailplane Wing Design*, volume 26, number 1, 2002, page 27
- Christoph W. Kensche, *Proposal for a Certification Procedure of Extended Sailplane Lifetime*, volume 26, number 2, 2002, page 32
- Christoph W. Kensche, *Method of Lifetime Prediction for Sailplane Fibre Structures*, volume 26, number 2, 2002, page 44
- Christoph W. Kensche, *Lifetime of GFRP in a Shear Web and in the Girder of a Sailplane Wing Spar*, volume 26, number 2, 2002, page 51
- Dipl.-Ing. Gerhard Waibel and A. Schleicher, *Safe Life Substantiation for a FRP-Sailplane*, volume 26, number 2, 2002, page 56
- Manfred E. Reinhardt, *In Memory of Hans Zacher*, volume 26, number 3, 2002, page 66
- Piero Morelli, *OSTIV Definitions of Light and Ultralight Sailplanes. A Proposal to FAI-IGC*, volume 26, number 3, 2002, page 67
- Bruce H. Carmichael, *Some Events in Suction Stabilization of the Laminar Boundary Layer or anyone for 100% Laminar Flow?*, volume 26, number 3, 2002, page 70
- Mark D. Maughmer, Timothy S. Swan, and Steven M. Willis, *The Design and Testing of a Winglet Airfoil for Low-Speed Aircraft*, volume 26, number 3, 2002, page 76
- S. Meintjes, R.S. Huyssen, and N.J. Theron, *The Development of a New Concept for Pilot Protection*, volume 26, number 3, 2002, page 89
- Bruce Carmichael, *Soaring Technology at Tehachapi*, volume 27, number 1/2, 2003, page 5
- Fred Thomas, *100 Years of Sailplane Design and Beyond*, volume 27, number 3/4, 2003, page 61
- Mark D. Maughmer, *The Evolution of Sailplane Wing Design*, volume 27, number 3/4, 2003, page 75
- K.H. Horstmann and L.M.M. Boermans, *Evolution of Airfoils for Sailplanes*, volume 27, number 3/4, 2003, page 87
- Dipl.-Ing. Christoph W. Kensche, *The Influence of Materials on the Development of Sailplane Design*, volume 27, number 3/4, 2003, page 96

- Paul Dees, *The Rebirth of Hang Gliding and Ultralight Sport Aviation*, volume 27, number 3/4, 2003, page 105
- Paul Dees, *How Glider Helped the Wright Brothers Invent the Airplane*, volume 27, number 3/4, 2003, page 115
- Simine Short, *Birth of American Soaring Flight: A New Technology*, volume 28, number 3, 2004, page 1
- Olivier Liechti and Erland Lorenzen, *Top Task Meteorological Flight Planning for Soaring*, volume 28, number 4, 2004, page 1
- Edward E. Hindman, Ray L. McAnelly, William R. Cotton, Todd Pattist, and Richard M. Worthington, *An Unusually High Summertime Wave Flight*, volume 28, number 4, 2004, page 7
- A.G. Williams and J.M. Hacker, *Inside Thermals*, volume 28, number 4, 2004
- Vladimir Danek, *The L-13SE Motor Glider as a Flying Laboratory*, volume 29, number 1, 2005, page 4
- Martin Dinges, *The Total Energy Variometer in the Flowfield of Thermals*, volume 29, number 1, 2005, page 9
- Frank Irving, *the optimum Center of Gravity Position for Minimum Overall Energy Loss*, volume 29, number 1, 2005, page 16
- A. Tokgozlu, M. Rasulov, and Z. Aslan, *Modeling and Classification of Mountain Waves*, volume 29, number 1, 2005, page 22
- Gotz Bramesfeld, Peter Wierach, Christian Uckert, and Reiner Kickert, *A High-Performance Sailplane Airfoil with Variable Upper-Surface Contour*, volume 29, number 2, 2005, page 36
- Wojciech Celestyn Chajec, *Critical Flutter Speed of Sailplanes Calculated for High Altitude: Examples of Computation*, volume 29, number 2, 2005, page 44
- Wieslaw Stafiej, *Alleviating Capabilities of the Sailplane Structure*, volume 29, number 2, 2005, page 49
- Olivier Liechti and Bruno Neiningner, *ALPTHERM-A PC-based Model for Atmospheric Convection Over Complex Topography*, volume 29, number 2, 2005, page 55
- P. Anderle, L. Smrcek, and F. Coton, *Data Acquisition System and Experimental Set-up for Wind Tunnel Study of 304CZ Sailplane's Winglets*, volume 29, number 3, 2005, page 68
- Ronald A. Mastaler and Nilton O. Renno, *The Froude Number as a Predictor of Mountain Lee Wave Phenomenon*, volume 29, number 3, 2005, page 78
- Jozsef Gedeon, *Some thoughts on Airworthiness Requirements*, volume 29, number 3, 2005, page 89
- Justyn Sandauer, *The History of Polish Sailplane Technology*, volume 29, number 4, 2005, page 100
- Mirosław Rodzewicz, *Thermal Inertia of Composite Glider Wing Structure and the JAR-22 Strength Requirements*, volume 29, number 4, 2005, page 115
- D.A. Konovalov, *On the Structure of Thermals*, volume 29, number 4, 2005, page 121
- Editor's comments*, volume 30, number 1/2, 2006, page 1
- Ronald Blume, *Flight Test of Gliders and Powered Gliders*, volume 30, number 1/2, 2006, page 2
- L.M.M. Boermans, *Research on Sailplane Aerodynamics at Delft University of Technology*, volume 30, number 1/2, 2006, page 10
- Piero Morelli, *Development of the Microlift Glider*, volume 30, number 1/2, 2006, page 13
- W. Röger, *Glider Rescue Systems*, volume 30, number 1/2, 2006, page 20
- Jan Schwochow, *Aeroelasticity in Sailplane Design*, volume 30, number 1/2, 2006, page 27
- Dietrich S. Heimann, *A Thermal Activity Forecasting Scheme Suitable for Personal Computers*, volume 30, number 1/2, 2006, page 30
- R. John Hansman, Jr. and Edward F. Crawley, *Experimental Investigation of the Crash-worthiness of Scaled Composite Sailplane Fuselages*, volume 30, number 1/2, 2006, page 39
- Olivier Liechti and Erland Lorenzen, *A New Approach to the Climatology of Convective Activity*, volume 30, number 1/2, 2006, page 46
- Armin Quast, *Detection of Transition by Infrared Image Techniques*, volume 30, number 1/2, 2006
- Editor's comments*, volume 30, number 3, 2006, page 52
- Beda Sigrist, *Use of Topographic Elevation models to Identify Thermal Hotspots in Alpine Areas*, volume 30, number 3, 2006, page 53

- Mark Maughmer, *The Design of Winglets for Low-Speed Aircraft*, volume 30, number 3, 2006, page 61
- Lukas Popelka and Milan Matejka, *Optimization Criteria and Sailplane Airfoil Design*, volume 30, number 3, 2006, page 74
- Krzysztof Kubrynski, *Aerodynamic Design and Cross-country Flight Performance Analysis of Diana-2 Sailplane*, volume 30, number 3, 2006, page 79
- Editor's comments*, volume 30, number 4, 2006, page 89
- Lincoln Stoller, *Selection of Off-Field Landing Sites*, volume 30, number 4, 2006, page 90
- Herbert Pirker, *On the Philosophy of Sporting Rules: Six Features Reveal Pre-declaring to be a Betting - and not a Sporting - Performance*, volume 30, number 4, 2006, page 97
- Bernt Olofsson and Esbjörn Olsson, *Automatic Thermal Forecasts from the Swedish HIRLAM*, volume 30, number 4, 2006, page 101
- Ian Oldaker, *The Canadian Safety Management Programme*, volume 30, number 4, 2006, page 105
- Jean-Marie Clément, *Sailplane Design and Record Flights*, volume 30, number 4, 2006, page 112
- Editor's comments*, volume 31, number 1, 2007, page 1
- Mirosław Rodzewicz, *Investigation of the Glider Load Spectra*, volume 31, number 1, 2007, page 2
- Gottfried Sachs and Orlando da Costa, *Dynamic Soaring in Shear Wind Regions Associated with Jet Streams*, volume 31, number 1, 2007, page 13
- Loek Boermans and Bart Berendsen, *Improvement of an Artificial Stall Warning System for Sailplanes*, volume 31, number 1, 2007, page 19
- Florian Hozapfel and Gottfried Sachs, *Cost-Effective Flight Simulator Approach for Ultralight Aircraft, Motor Glider and Sailplanes*, volume 31, number 1, 2007, page 26
- Editor's comments*, volume 31, number 2, 2007, page 35
- Peter Lissaman, *Fundamentals of Energy Extraction from Natural Winds*, volume 31, number 2, 2007, page 36
- Olivier Liechti, Erland Lorenzen, Ralf Thehos, Bernt Olofsson and Esbjörn Olsson, *Verification of Thermal Forecasts with Glider Flight Data*, volume 31, number 2, 2007, page 42
- Peter Lissaman, *Wind Energy Extraction by Birds and Flight Vehicles*, volume 31, number 2, 2007, page 52
- Editor's comments*, volume 31, number 3, 2007, page 61
- George Young, *Development of Empirical Weather Forecasting Techniques for Soaring Flight*, volume 31, number 3, 2007, page 62
- Edward Hindman, Stephen Saleeby, Olivier Liechti, and William Cotton, *A Meteorological System for Planning and Analyzing Soaring Flights in Colorado USA*, volume 31, number 3, 2007, page 68
- Ippe Otani and Mark Maughmer, *The Conceptual Design of a Tailless Sailplane Having a Stabilizing Fuselage*, volume 31, number 3, 2007, page 79
- Call for papers, *XXIX OSTIV Congress 2008*, volume 31, number 3, 2007, page 90
- Editor's comments*, volume 31, number 4, 2007, page 92
- Call for papers, *XXIX OSTIV Congress 2008*, volume 31, number 4, 2007, page 93
- Hugh Browning, *Boundaries of Safe Winch Launching*, volume 31, number 4, 2007, page 95
- Trevor Hills, *Safety Analysis of the Winch Launch*, volume 31, number 4, 2007, page 101
- Gerhard Waibel, *Development of OSTIV Airworthiness Standards traced in OSTIV-Publications*, volume 31, number 4, 2007, page 107
- József Gedeon, *A Few Words on Airbrakes*, volume 31, number 4, 2007, page 110
- Milan Matejka and Lukas Popelka, *Study of the Influence of Active and Passive Methods for Boundary Layer Control*, volume 31, number 4, 2007, page 114
- Editor's Comments*, volume 32, number 1/2, 2008, page ii
- Prof. Dr. Loek Boermans, *Homage*, volume 32, number 1/2, 2008, page 1
- Dr. Antony M. Segal, *Energy Absorbing Seat Cushions for use in Gliders*, volume 32, number 1/2, 2008, page 2
- Dr. Antony M. Segal, *Jump or Bump, Part 1*, volume 32, number 1/2, 2008, page 6
- Dr. Antony M. Segal, *Jump or Bump, Part 2*, volume 32, number 1/2, 2008, page 8
- Dr. Antony M. Segal, *Jump or Bump, Part 3*, volume 32, number 1/2, 2008, page 10

- Dr. Antony M. Segal, *Aviation Medicine Notes: Note 1. Proposed Emergency Unassisted Escape System*, volume 32, number 1/2, 2008, page 13
- Dr. Antony M. Segal, *Aviation Medicine Notes: Note 2. The Risk of Deep Vein Thrombosis in Glider Pilots*, volume 32, number 1/2, 2008, page 14
- Dr. Antony M. Segal, *Aviation Medicine Notes: Note 3. Resonance Frequency of the Glider Undercarriage, and the Pilot's Body*, volume 32, number 1/2, 2008, page 17
- Dr. Antony M. Segal, *Glider Airbrake Operating Forces*, volume 32, number 1/2, 2008, page 21
- Dr. Antony M. Segal, *Medical Standards for Instructors Aged 65-69 Years, and 70 Years and Over: Note 1. Epidemiology of Coronary Heart Disease - Effect of Age*, volume 32, number 1/2, 2008, page 24
- Dr. Antony M. Segal, *Medical Standards for Instructors Aged 65-69 Years, and 70 Years and Over: Note 2. Social Inequalities in Health*, volume 32, number 1/2, 2008, page 25
- Dr. Antony M. Segal, *Medical Standards for Instructors Aged 65-69 Years, and 70 Years and Over: Note 3. Ageing and Human Performance*, volume 32, number 1/2, 2008, page 26
- Dr. Antony M. Segal, *Medical Standards for Instructors Aged 65-69 Years, and 70 Years and Over: Note 4. Incidence of Coronary Deaths in UK Civilian Gliding*, volume 32, number 1/2, 2008, page 26
- Dr. Antony M. Segal, *Medical Standards for Instructors Aged 65-69 Years, and 70 Years and Over: Note 5. Fatal Gliding Accident in the UK - 1960-1980*, volume 32, number 1/2, 2008, page 26
- Dr. Antony M. Segal, *Medical Standards for Instructors Aged 65-69 Years, and 70 Years and Over: Note 6. Fatal Gliding Accident in Austria*, volume 32, number 1/2, 2008, page 26
- Dr. Antony M. Segal, *Medical Standards for Instructors Aged 65-69 Years, and 70 Years and Over: Note 7. Cockpit Deaths in USA Civil Aviation and Age*, volume 32, number 1/2, 2008, page 27
- Dr. Antony M. Segal, *Medical Standards for Instructors Aged 65-69 Years, and 70 Years and Over: Note 8. Cardiovascular Risk Assessment in Commercial Aircrew - "The One Percent Rule"*, volume 32, number 1/2, 2008, page 27
- Dr. Antony M. Segal, *Medical Standards for Instructors Aged 65-69 Years, and 70 Years and Over: Note 9. Cardiovascular Risk Assessment in Private Pilots*, volume 32, number 1/2, 2008, page 27
- Dr. Antony M. Segal, *Medical Standards for Instructors Aged 65-69 Years, and 70 Years and Over: Note 10. Cardiovascular Risk Assessment in Glider Pilots*, volume 32, number 1/2, 2008, page 27
- Dr. Antony M. Segal, *Medical Standards for Instructors Aged 65-69 Years, and 70 Years and Over: Note 11. Classification of Pupils*, volume 32, number 1/2, 2008, page 28
- Dr. Antony M. Segal, *Medical Standards for Instructors Aged 65-69 Years, and 70 Years and Over: Note 12. Class Three (PPL) Medical Certification Requirements*, volume 32, number 1/2, 2008, page 28
- Dr. Antony M. Segal, *Medical Standards for Instructors Aged 65-69 Years, and 70 Years and Over: Note 13. Probability Theory and Electrocardiography Baye's Theorem*, volume 32, number 1/2, 2008, page 28
- Dr. Antony M. Segal, *Medical Standards for Instructors Aged 65-69 Years, and 70 Years and Over: Note 14. Analysis of Gliding Instructor Flying Statistics; Lasham Gliding Society, October 1994 - September 1995*, volume 32, number 1/2, 2008, page 28
- Dr. Antony M. Segal, *Making Accidents Survivable... with a racing-car cockpit in your glider*, volume 32, number 1/2, 2008, page 42
- Dr. Antony M. Segal, *Surviving Mid-air Accidents*, volume 32, number 1/2, 2008, page 46
- Dr. Antony M. Segal, *Six-point belt on test*, volume 32, number 1/2, 2008, page 52
- Dr. Antony M. Segal, *Drop-testing a two seater*, volume 32, number 1/2, 2008, page 55
- Dr. Antony M. Segal, *Changes to JAR 22 will double the energy-absorbing capacity of the undercarriage*, volume 32, number 1/2, 2008, page 61
- Dr. Antony M. Segal, *Survivable Loads on the Pilot and the Crashworthiness of Glider Cockpits*, volume 32, number 1/2, 2008, page 62
- Dr. Antony M. Segal, *Nosewheel or skid?*, volume 32, number 1/2, 2008, page 66
- Dr. Antony M. Segal, *Rallying round to prepare to find out*, volume 32, number 1/2, 2008, page 69
- Dr. Antony M. Segal, *Call for Papers, XXIX OSTIV Congress 2008*, volume 32, number 1/2, 2008, page 71

- Editor's Comments*, volume 32, number 3, 2008, page 73
- Announcement, OSTIV Congress 6-12 August 2008*, volume 32, number 3, 2008, page 74
- Herbert Priker, *Instant Cross-country speed*, volume 32, number 3, 2008, page 75
- Matthieu Scherrer, *"Flight Template": A tool for optimizing aerodynamics at the design stage*, volume 32, number 3, 2008, page 85
- Carsten Lindemann, René Heise and Wolf-Dietrich Herold, *Lee waves in the Andes Region, Mountain Wave Project at OSTIV*, volume 32, number 3, 2008, page 93
- Christof Maul, *Statistical Analysis of Competition Soaring*, volume 32, number 3, 2008, page 97
- Editor's comments*, volume 32, number 4, 2008, page 107
- Rolf Hertenstein and Charles Martin, *Observations of Internal Rotor Structure using an Instrumented Sailplane*, volume 32, number 4, 2008, page 108
- Ernst Schoeberl, *From Sunrise to Solar Impulse: 34 years of Solar Powered Flight*, volume 32, number 4, 2008, page 115
- Hannes Ross, *Fly around the World with a Solar Powered Airplane*, volume 32, number 4, 2008, page 122
- Errata: Volume 32 Numbers 1/2 and 3*, volume 32, number 4, 2008, page 133
- Edward Hindman, *Editor's Comments*, volume 33, number 1, 2009, page 1
- Stephan Myschik and Gottfried Saches, *Wind Measurement System Using Miniaturized Navigation Sensors for Light Aircraft and Sailplanes*, volume 33, number 1, 2009, page 2
- Juergen Thorbeck, *Gliding Research -- An Important Incubator for the Entire Aviation*, volume 33, number 1, 2009, page 7
- József Gedeon, *A New Approach to Fatigue Damage Calculation*, volume 33, number 1, 2009, page 17
- Andreas Gäb, Jan Nowack and Wolfgang Alles, *Requirements for Servo-boosted Control Elements for Sailplanes*, volume 33, number 1, 2009, page 21
- Adrian Emck and Colin Jackson, *An Informal Survey of Flying Comfort of Glider Pilots: Some Observations Concerning Pilot Discomfort Generated by Glider Cockpits*, volume 33, number 1, 2009, page 28
- Editor's comments*, volume 33, number 2, 2009, page 36
- Raluca Niesner and Christof Maul, *Comparative Statistical Analysis of Soaring Competitions*, volume 33, number 2, 2009, page 37
- C. Jackson, A. Emck, M. Hunston, P. Jarvis and A. Firmin, *A Simple Comparison of the Characteristics of Energy-Absorbing Foams for Use in Safety Cushions in Glider Cockpit Environments*, volume 33, number 2, 2009, page 47
- Lukasz Lindstedt, Mirosław Rodzewicz, Cezary Rzymkowski and Krzysztof Kedzior, *Experimental Study of Impact Phenomena in the case of a Composite Glider*, volume 33, number 2, 2009, page 54
- Editor's comments*, volume 33, number 3, 2009, page 63
- Call for papers, XXX OSTIV Congress 2010*, volume 33, number 3, 2009, page 64
- Mirosław Rodzewicz and Piotr Sierputowski, *The EB-2 Fly-Lab of the Warsaw University of Technology*, volume 33, number 3, 2009, page 66
- Roland Stuff, *Non-Viscous Vortex Generation due to Buoyancy, an Example of Application of Compulsive Forces in Fluids*, volume 33, number 3, 2009, page 72
- Christoph Kensche, Arno van Wingerde and Denja Lekou, *Fatigue of Composite Scarf Joints in Wind Energy Rotor Blades and in Spar Beams for Light Aircraft*, volume 33, number 3, 2009, page 81
- Editor's comments*, volume 33, number 4, 2009, page 90
- Call for papers, XXX OSTIV Congress 2010*, volume 33, number 4, 2009, page 91
- L. Shabrang, F. Ahmadi Givi and P. Irannejad, *The role of blocking in the structure of the Mediterranean cyclones which affect Middle-East and Iran*, volume 33, number 4, 2009, page 93
- Chinmay Patel, Hak-Tae Lee and Ilan Kroo, *Extracting Energy from Atmospheric Turbulence with Flight Tests*, volume 33, number 4, 2009, page 100
- Jörg Dummann, *A Report on Glider Pilot Activities to document Lee wave Events in Northern Germany and their Aims*, volume 33, number 4, 2009, page 109

A. Tokgozlu and Z. Aslan, *Effect of Cloud Cover Variations, El Niño and the Atlantic Oscillation on Thermal Potential*, volume 33, number 4, 2009, page 117