

## **Soaring Magazine Index for 1989/1989 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.*

### **Aerobatics**

- Robert Welliever, *Of White Hats and Pretty Girls*, February, page 21  
Bob O'Dell, *Sailplane Aerobatics Nationals (1988 at Edna, TX), a Big Success*, February, page 26  
Gail Davis, *Glider Aerobatics Needs Attained*, June, page 10  
Gail Davis, *Aerobatic Team Needs Help (Going to Worlds in Germany)*, July, page 10  
George McManus, *Archeological Research (at Estrella, AZ)*, October, page 36

### **Aerodynamics**

- Peter Masak, *Sailplane (Inflight) Bug Wiper System*, February, page 40

#### **Flight Tests**

- Richard H. Johnson, *Sailplane Performance Flight Test Methods*, May, page 26  
Richard H. Johnson, *A Flight Test Evaluation of the DG-600*, August, page 12

### **Affiliates, Chapters, and Clubs**

- Vernon Meyer, *Don't Forget the Little Guys! (Hinckley Soaring)*, January, page 4  
Steve Hudson, *Growth (of Fault Line Flyers) Discussed*, February, page 2  
*New Soaring Club (Post Mills) Formed in Vermont*, February, page 6  
Dale Fletcher, *Information Requested on Local Awards*, February, page 9  
Terry Hurley, *Airlines - One to Six*, March, page 12  
Bill McClure, *Thanks! Soaring Magazine*, June, page 6  
D. Taylor, *Indy '90*, June, page 9  
*Post Mills Soaring Club Off and Running*, July, page 10  
Phyliss Wells, *Club Gains 86 New Members*, September, page 8  
*New Association Formed (Franconia Soaring)*, October, page 7

#### **1-26 Association**

- Paul Sampson, *Sorry, Charlie Dobkins (1-26 Nationals Author)*, January, page 2  
Lew Neyland, *Credit Where Credit is Due (Old Goat Winner is Pat DeNaples)*, February, page 2  
*1-26 Association on the Move (with New 1989 Executive Board)*, April, page 8  
A.C. Woolnough, *Lady Quicksilver*, April, page 24  
Harry Senn, Jim Hard, Mark Parranto, and Lew Neyland, *Rocky Mountain 1-26 Record Camp (from Lakecreek Soaringport)*, May, page 42

#### **Camp**

- Camp Plans Announced*, June, page 8

#### **Civil Air Patrol**

- Rev. Thomas E. Lejsek, *Help for Youth (Civil Air Patrol)*, January, page 3  
John Gleeson, *Help for Hawaii (CAP)*, October, page 2

#### **Collegiate Soaring**

- New News of College Soaring (CSA is Now Tax Exempt)*, January, page 6  
Kaya Zuzak, *Call to UCSD (University of California San Diego Soaring Club) Members*, April, page 4  
Wade H. Nelson, *USAF Academy Soaring Update*, April, page 32  
John H. Campbell, *Scholarship Update*, May, page 5  
John Campbell, *National Intercollegiate Champion (Ohio State University Soaring Association)*, May, page 9  
John Campbell, *College Soaring is Alive and Well*, May, page 22  
Anthony Wiederkehr, *Intercollegiate Soaring Contest (at Caesar Creek)*, August, page 7

#### **Freedom's Wings**

- Bob Kessler, *Can Anyone Learn to Soar (Even with Handicaps)? Maybe!*, March, page 20

Brent Willat, *A First for Sky Sailing!*, March, page 40

Tony Koester, *Reaching High*, June, page 39

#### **National Soaring Museum**

NSM Trustees, *NSM Expansion Progress Report (in Photos)*, January, page 9

*The NSM, a Century of Soaring History, Expanding to a Second Century*, January, page 44

William E. (Bill) Gallagher, *NSM Hall of Fame Weekend*, September, page 12

#### **Self Launching Sailplane Pilot's Association (SLSPA)**

Pete Williams, *SLSPA Update*, February, page 8

#### **WSPA**

*Virginia M. Schweizer Trophy Announced*, February, page 9

Julie Schneider, *The 1988 Women's Soaring Seminar (Texas Soaring Association)*, February, page 16

Sharon R. Smith, *Ten Years of Women's Soaring Seminars: One Pilot's Perspective*, February, page 36

#### **Airplanes**

##### **Gobe R-26-Su**

Dave Noyes, *Likes Hungarian Plane*, December, page 2

#### **Airspace**

Oran Nicks, *Gliders and Airspace*, February, page 3

Judy Lincoln, *An SSA Guide to Airspace Operating Agreements*, February, page 41

Les Sebald, *Thoughts on Transponders*, March, page 2

*(Special Use Airspace Review by FAA)*, March, page 7

Lauren Zuckerman, *Comments on (Nicks letter on IMC) Flight*, May, page 4

#### **Awards**

Larry Pardue, *SOB (Snyder, Odessa, and Big Spring Trophy)*, October, page 39

##### **1000 Kilometer Flights**

Dave and Jill Fletcher, *1000K The Hard Way (Over New Mexico)*, April, page 17

David Stevenson, *1000k Southern Style (from Tennessee to the Atlantic Ocean)*, June, page 26

##### **Badges**

A. Coleson, *FAI Badges and Awards*, January, page 51

A. Coleson, *FAI Badges and Awards*, February, page 51

A. Coleson, *FAI Badges and Awards*, October, page 50

A. Coleson, *FAI Badges and Awards*, December, page 50

##### **Flights**

Kevin Cousineau, *Diamond Days (at Tehachapi, CA)*, January, page 27

David A. Woods, *To Mt. Whitney and Gold*, February, page 33

##### **Requirements**

Arleen Coleson, *Timing Speed Flights*, March, page 52

Arleen Coleson, *Deadlines!*, April, page 52

*Self-Sustaining Motorglider (Badge) Rules Revised*, May, page 8

Arleen Coleson, *Badge and Record Forms*, June, page 52

Arleen Coleson, *Remember (1% Rule, Notch, Diamond Goal limits)*, July, page 52

Arleen Coleson, *Badge Requirements*, August, page 52

Arleen Coleson, *Fall Practice (Notching & Photography)*, November, page 50

##### **Claybourn**

*Marshall Claybourn (1988) Memorial Award (to Ed Thornton)*, April, page 8

##### **Distance**

B.S. Smith, B.M. Ryan, and C.D. Herold, *Possible New Soaring Badge (Cumulative Distance)*, January, page 11

##### **Kolstad Scholarship**

- C. Kenneth Kolstad, *Thanks from Kolstad Youth Scholarship Fund to the Friends of Walter Bogie of Leesburg, VA and Ronald Day of Wakefield, MA*, February, page 3  
*Kolstad Scholarship Winner (for 1988) Announced (Sean Franke)*, March, page 10  
Arleen Coleson, *Kolstad Scholarship Grant (Requirements and Deadlines)*, September, page 52

#### **Lincoln**

- Schweizer Wins 1988 Lincoln Award*, September, page 8

#### **Schweizer**

- Virginia M. Schweizer Trophy Announced*, February, page 9

#### **Cockpit**

- Harold A. Katinszky, *More on Back Support (Pillow)*, February, page 2  
David Andrews, *Safety Device(s in Cockpit)*, March, page 3  
Bruce Helvie, *Likes Safety (of Cockpit Mirrors and a Strobe Light)*, May, page 2  
*Ultrasuede HP (Fabric for Interiors)*, May, page 41  
Ed Crawley and R. John Hansman, *Improve the Crashworthiness of Your Sailplane*, June, page 19  
John Sandell, *Did You Say "Soar Back" or "Sore Back?"*, June, page 30  
Bruce Helvie, *Mirrors Pictured*, August, page 5  
Peter C. King, *Fly Better for \$1040*, September, page 19  
Jim Gronachan, *Wash It (Your Canopy) First*, December, page 2

#### **Commentary**

- William Stockton, *Sexism in Soaring?*, May, page 2  
Theodore Griggs, III, *Questions Raised (as to Taste)*, May, page 3  
Les Sebald, *Congratulations (for 747 glide)!*, May, page 3  
Bert Schmutzhart, *Map (of Austria) Criticized*, May, page 3  
Edward Warmoth, *Issues Raised, with ed note*, May, page 3  
Diane McCormack, *Woman Pilot Feels Slighted*, July, page 2  
Scott A. Jenkins, *Nattering Neigh-Bobs*, July, page 2  
Trish Turbin, *Writer Questions (Finnistere) Article*, August, page 5  
Peter L. Krasnoff, *Disagrees on Criticism*, August, page 5  
Jo Shaw, *(Finnistere) Story Appreciated*, September, page 4  
O.A. Benson, *Another View Shared*, September, page 5  
Walter E. Martin, *White Hats Revisited*, November, page 2  
John Joss, *Comments on Log Book*, November, page 4

#### **Communications**

- Phil Cammack, *Needs Help!(Wants Glider Frequencies on Charts)*, April, page 6  
George Thelen, *Standard American Soaring Signals*, May, page 50  
George Thelen, *I'm Getting Signals*, August, page 46  
Val Brain, *More on Signals*, November, page 3  
Paul S. Burgette, *Safety Questions (CCCLRU Checklist for Towpilot)*, November, page 7  
Robert H. Bruce, *Push for Action (on Signals and Publications)*, November, page 7

#### **Competitions**

- Eric Mozer, *Contest Board Calls for New Camera*, February, page 7  
Jon P. Salisbury, *Disillusioned (with Risks of Competition)*, April, page 5  
*Entry Method (for Combined 1989 Open and Motorglider Nationals and Region 10 Meet) Defined*, May, page 8

#### **Classes**

- John Campbell, *Sports Class Matures*, May, page 10

#### **International**

- Contest News for Competitors Under Age 25 (Entering European Junior Championships in Camrai, France)*, January, page 10

#### **Local**

- 50th Anniversary Schweizer Soaring Regatta (at Harris Hill)*, May, page 10

**National**

- Charlie Spratt, Jr., *Uvalde (TX 1988 Open Class) Nationals Photo Album (with Commentary)*, January, page 15
- Janice Hoke, *Epic Soaring Dramatically Staged: 1988 Standard Class Nationals (Minden, NV)*, January, page 32
- Rebecca Lloyd, *Gimmey Wins Fourth National Soaring Title (1989 Sports Class, Montague, CA)*, November, page 35
- Mark Huffstutler, *Ode to the Open Class*, December, page 3

**Non Sanctioned**

- Alan Greer, *Thanksgiving in Florida*, November, page 9

**Regional**

- Rick Lafford, *(1988) Region 3 Championships (Danville, NY)*, February, page 7

**Regionals**

- Jack Wyman, *1988 Region Six Contest (Ionia, MI)*, January, page 8
- 1988 Region Four South (New Castle, VA)*, March, page 9
- Frank Reid, *(1989) Region V North (Chester, SC) Soaring Contest - The Season Begins*, July, page 7
- Bob Grey, *(1989) Region 5 South (Cordele, GA) Soaring Championships*, September, page 9
- Harold Banks, *(1989) Region Four North (Fairfield) Contest*, October, page 7
- Chris Garbacz, *1989 Region One Contest (Sugarbush, VT)*, October, page 8
- 1989 Region Eight Competition (Ephrata, WA)*, October, page 10
- (1989) Region 10 West Championships (Littlefield, TX)*, November, page 10
- Joel Flamenbaum, *(1989) Region III Soaring Championships (Harris Hill, NY)*, December, page 9

**Rules**

- Steve Fahrner, *Contest Rules Comments*, June, page 4
- Val Brain, *Contest Rules Criticized*, September, page 4
- Karl H. Striedieck, *Contest Comments (Film and POST)*, December, page 2
- No Contest Rule Changes Proposed*, December, page 7

**Seniors**

- Vern Frye, *Owl Day at Air Sailing*, July, page 36

**World**

- George Moffat, *The Robert Robertson Memorial Team Fund*, January, page 10
- Sweden to Bid for 1993 World Gliding Championships*, February, page 9
- US Soaring Team Prepares for World Championships*, February, page 10
- Chuck O'Mahony, *A Chip off the Old Bloc, XXI World Gliding Championships (Austria)*, August, page 29
- Tom Knauff, *Team Selection Process Questioned*, December, page 4

**Computers and the Internet**

- SSA Announces New In-House Computer*, May, page 7
- Robert J. Welliever, *New Computer Network*, August, page 2
- Peter C. King, *Final Glide Calculator*, October, page 42

**Conventions, Conferences, and Meetings**

- Roger Brewer, *Soaring Expo '89 (in Seattle)*, February, page 10
- Terry Frazier, *Sweetness and Light SSA Convention - LA '89*, May, page 13
- Don Taylor, *(Indy '90) Convention Progress*, November, page 4

**Credits/Appreciation**

- Jack Fletcher, *Thanks, Robert (Welliever for Your Article)*, February, page 4
- Finishing Touches (Sign for SSA Offices from Ralph and Dot Koerner)*, November, page 14

**Cross Country Soaring**

- Kevin Cousineau, *Diamond Days (at Tehachapi, CA)*, January, page 27
- David A. Woods, *To Mt. Whitney and Gold*, February, page 33
- Gloria Dalton, *The Great (Schweizer) 2-22 Trip*, April, page 20

- Robin Edwards, *Going Out of Your Way (for Speed Made Good)*, July, page 5  
Tonk Mills, *November Flight (over Kansas and Oklahoma)*, September, page 43  
Dick Carter, *A Super Soaring Sunday (at Truckee)*, October, page 21  
James H. Alton, *Spring Fever (in Florida)*, October, page 45  
Jan Driessen, *Super Soaring Sunday Extended*, December, page 2

## **Equipment**

### **Batteries**

- Battery Life Extending Solar Charging System*, June, page 29  
*Rome Energy Introduces the Latest Solar Electric Power Modules*, July, page 44

## **Errata**

- Paul Sampson, *Sorry, Charlie Dobkins (1-26 Nationals Author)*, January, page 2  
Wayne Krebs, *Jim's the Boss (of Calistoga Soaring)*, February, page 2  
Lew Neyland, *Credit Where Credit is Due (Old Goat Winner is Pat DeNaples)*, February, page 2  
Carl Osojnak, *A Graph for (an Engine for the Woodstock,) "Bucky"*, March, page 4  
Australian Gliding, *Aussies Up Price*, June, page 2  
Doug Jacobs, *Error Corrected*, June, page 3

## **Exhibits/Displays/Fairs**

- Raul Blacksten, *Wrong Way('s Curtis Robin) and Me (at an Airshow)*, March, page 45

## **Federal Aviation Administration (FAA)**

- Robert M. Park, *Questions (Meddling) Inspections*, April, page 5  
Jack Fletcher, *Transition Check Needed (per FAA AC 61-94)*, May, page 4  
S. Carpenter, *Trying to Comply*, June, page 7  
Robert H. Bruce, *Reply to "Trying to Comply"*, August, page 5  
Kenneth M. MacDowell, *Questions FAA Motives*, November, page 2

## **Federal Communications Commission (FCC)**

- Steven D. Linn, *Soaring and Radio Communications*, November, page 9  
Steven D. Linn, *Update on Communications*, December, page 3

## **Growth**

- William C. Sproull, *Double Your Vote (Recruit a New Member)*, January, page 30  
Bill McClure, *Thanks! Soaring Magazine*, June, page 6  
Phyliss Wells, *Club Gains 86 New Members*, September, page 8  
Michael T. McEwen, *A Modest Proposal To Revitalize American Soaring*, September, page 23

## **Hanggliders**

- Mark L. Langenfeld, *Hang Gilding Excellence (Great Flights During Drought)*, January, page 4  
Howard Trampenau, *Dad Comments (on Langenfeld's Letter and the Sensor 510C)*, May, page 4

### **Carbon Dragon**

- Jim Maupin, *The Carbon Dragon (a Foot-Launchable Sailplane)*, June, page 11

## **History**

- Mike Hull, *Arizona Wing (Gliding Begins) As told to Trish Durbin*, January, page 38  
Jan Driessen, *Memories (of Eindhoven Aero Club in Holland)*, February, page 24  
Raul Blacksten, *Wrong Way('s Curtis Robin) and Me (at an Airshow)*, March, page 45  
W.R. Tucker, *Anyone Remember?*, June, page 7  
Edward V. Stalzer, *Down Memory Lane (1937 in Jugoslavia)*, July, page 16  
Chris Wills, *More on History of the Weihe*, August, page 3  
Richard H. Benbough, *Almost an Albatross: The Bowlus-Mitchell Flying Wing*, August, page 21  
Gary Eberhardt, *Flight of the Edelweiss (C-30S)*, August, page 41  
Robert J. Audette, *Memories of a Canadian Soaring Pioneer (Julien Audette)*, November, page 20  
B.D. Myers, *Needs WWII Glider Information*, December, page 3

William E. (Bill) Gallagher, *The Flight of the Schweizer SGP 1-1, 1930-1989*, December, page 14

Archer Martin, *The Elder Schweizers - Some Memories*, December, page 18

Franklin Hurtt, *My Friends Ernie, Paul and Bill, Reflections of the Early Years*, December, page 22

William (Tony) Doherty, *Class of '48*, December, page 32

### **Homebuilts**

Carl Osojnak, *A Graph for (an Engine for the Woodstock,) "Bucky"*, March, page 4

*Blue Wren Update*, April, page 9

Bob Michener, *Homebuilders at Bryan (Ohio in 1988)*, May, page 20

J.J. Neils, *Homebuilder Wants Help!*, June, page 7

Robert J. Welliever, *Bluebird*, July, page 13

Steve Coan, *Likes "Bluebird"*, November, page 4

Richard Thornton, *1989 SHA/SSA Homebuilders Workshop (Tehachapi, CA)*, November, page 16

### **Humor**

Robert H. Bruce, *Reply to "Trying to Comply"*, August, page 5

### **Instruction**

Jim Jenista, *The Motorglider Alternative*, January, page 41

Stuart Faber, *Spins Discussed (Including Over-the-Top Spins)*, April, page 6

George Thelen, *Standard American Soaring Signals*, May, page 50

Tom Inman, *A Fledgling Remembers*, September, page 31

Dave Woods, *Biennial Flight Review, Skylark North*, September, page 41

### **Instruments**

Rudy Brozel, *Total Energy Probe Testing: a Response, and Explanation*, January, page 2

Phil Surridge, *More on Compensation*, January, page 3

Les Sebald, *Thoughts on Transponders*, March, page 2

Jack Greene, *That Simple Little Tube - Some Comments from "Turbulent" Jack*, April, page 2

R.W. Carter, *Safety Corner Comments*, April, page 4

Byron L. Webber, *Thought for (a) New Product*, September, page 5

Peter C. King, *Final Glide Calculator*, October, page 42

### **Avionics**

*Azure Technology Introduces "Fly and Try" Program for Portable Loran-C*, April, page 23

### **Insurance**

B.S. Smith, *SSA Hull & Liability Insurance Plan Improvements*, June, page 8

Bernald S. Smith, *More Insurance Rate Reductions*, August, page 6

### **International**

#### **Canada**

Robert J. Audette, *Memories of a Canadian Soaring Pioneer (Julien Audette)*, November, page 20

#### **Sites**

Jan Driessen, *Memories (of Eindhoven Aero Club in Holland)*, February, page 24

Norbert Paas with Chris Smith, *Southland (New Zealand)*, April, page 27

Edward V. Stalzer, *Down Memory Lane (1937 in Yugoslavia)*, July, page 16

Michael L. Shakman, *Off-Field Landings in the French Alps*, July, page 21

Terry Cubley, *Australian's Welcome Foreign Pilots*, August, page 6

Robert H. Wilson, *(Narromine, NSW, Australia) a Mine of Diamonds*, September, page 38

### **International Gliding Commission (IGC)**

Bernald S. Smith, *IGC (CIVV) (Special Meeting in October 1988)*, January, page 6

*IGC Bulletin (Bill Ivans elected President of Honour)*, April, page 8

Bernald S. Smith, *Paris in the Spring*, June, page 48

Bernald S. Smith, *IGC Report (from Frankfurt)*, December, page 7

## **Launching**

### **Aerotow**

George Thelen, *Safety Corner: Interview with Charlie (Westerinen After Aerotow Failure)*, April, page 50

George Thelen, *Aero Retrieves*, July, page 49

Gene Hammond, *Perspective: Where, Oh Where Has My Little Dog Gone?*, August, page 40

Charles M. Jamieson, *(Open Dive Brake) Safety Issue Discussed (and Wrapper)*, November, page 4

Paul S. Burgette, *Safety Questions (CCCLRU Checklist for Towpilot)*, November, page 7

### **Autotow**

Larry Pardue, *Ground Launch (by Ford)*, March, page 32

Frank Reid, *Auto Tow Week at Bermuda High Soaring*, May, page 6

Jerome K. Layton, *Training Youth to Soar (with Auto Tow)*, August, page 4

### **Release Mechanisms**

Bryan Swansburg, *Wants to Hear on (Towplane) Tow Hooks*, October, page 3

### **Towplanes**

Robert M. Park, *Questions (Meddling) Inspections*, April, page 5

Bryan Swansburg, *Wants to Hear on (Towplane) Tow Hooks*, October, page 3

### **Winch**

*New (6 Drum) Winch System Announced*, September, page 45

## **Literature**

*1989 SSA Calendars going fast*, February, page 32

Harry Lusk, *Writer Shares Poem (High Flight by Magee)*, October, page 4

### **Book Reviews**

Joseph D. Cain, *Glider Basics to First Flight to Solo, 4th edition, by Tom Knauff*, March, page 4

### **Fiction**

Robert Welliever, *Of White Hats and Pretty Girls*, February, page 21

A.C. Woolnough, *Lady Quicksilver*, April, page 24

William B. Dehon, *Finnistere*, June, page 37

Diane McCormack, *Woman Pilot Feels Slighted*, July, page 2

Peter L. Krasnoff, *Disagrees on Criticism*, August, page 5

Michael R. Jude, *Soaring on Jupiter*, October, page 32

### **Humor**

Christiane K. Howard, *A Soaring Line*, September, page 5

## **Maintenance and Improvements**

Walter Weir, *Eye Danger (of Fiberglass Catalyst) Outlined*, February, page 4

Jack Fletcher, *Use of SAE Class H11 Bolts*, April, page 6

F.P. Bundy, *Rebuilding Glider 08S (Schweizer 2-33)*, July, page 41

George Thelen, *Tempus Fugit (Time Flies)*, September, page 48

Charles M. Jamieson, *Clarifies Misstatement (for Experimentals)*, November, page 4

*New (Composite Airframe) Service Announced*, December, page 9

## **Manufacturers**

Ezequiel Szafir, *New Wings Made in Argentina*, August, page 9

## **Meteorology**

George Thelen, *Downburst, by Bruce Patton*, March, page 49

George Thelen, *Don't Get Upset*, October, page 49

### **Lightning**

Ralph Markson, *An Optical Detector for Thunderclouds, Prediction of Microburst and Locating Sailplanes*, September, page 25

## Models

- Bekir Arpag, *Attracting Youth to Soaring (with Models)*, April, page 4  
Mike McIntyre, *RC. Inquiry (for Sailplane Details)*, May, page 4  
Byron Blakeslee, *Youth and R/C Models*, June, page 3

## Motorgliders

- Jim Jenista, *The Motorglider Alternative*, January, page 41  
John Murray, *Schleicher Achieves Further Breakthrough (with Motor Installation for the ASW-24)*, March, page 10  
*HB-23 Hobbyliner Address*, March, page 10  
Chip Garner, *A Word on Motorgliders*, April, page 3  
Jack Fletcher, *Transition Check Needed (per FAA AC 61-94)*, May, page 4  
*Self-Sustaining Motorglider (Badge) Rules Revised*, May, page 8  
Pete Williams, *Flight Safety and the Motorglider*, July, page 9  
Jim Jenista, *Safety and Motorgliders (Reply to Garner)*, August, page 2  
J.C. Treager, *More on Limbach (Powered Motorgliders)*, November, page 2

## Grob 109

- John Wolter, *Two Grob G-109 Motorgliders with the World's Smallest Twin Engine Motorplane, the French "Cri-Cri"*, September, cover  
John A. Heitz, *Motorglider Shopping (Grob 109)*, September, page 34

## Scheibe

- Robert Gaines, *Scheibe Flugzeugbau (SF-25 C Falke 88 and 2000)*, August, page 26

## Stemme S10

- Steve Coan, *Stemme S-10 (Motorglider Introduced)*, May, page 9

## Mountains

- Vic Haynes, *Spring in Boulder looking westward to Runway 26*, June, cover

## Obituaries

- In Memoriam: David H. Scott*, January, page 6  
*In Memoriam: Tom Smith*, February, page 6  
*In Memoriam: Lynda G. Beran*, February, page 8  
*In Memoriam: Mervin L. Hicks*, February, page 8  
Gren Seibels, *In Memoriam: George Squillario*, May, page 7  
W.G. van Breukelen, *In Memoriam: Tom Stoops*, June, page 10  
Bob Grey, *In Memoriam: Ed Barnes*, July, page 10  
Corwin Sharp, *In Memoriam: Herbert Salisbury*, August, page 6  
John Campbell, *In Memoriam: Richard Bultman*, August, page 6  
Mark A. Palie, *In Memoriam: Paul Jefferson Begley*, September, page 9  
Barry Goodfellow, *In Memoriam: Douglas A. Pawley*, September, page 10  
Tom Dixon, *In Memoriam: Louis S. Stur*, September, page 10  
Michael Haynes, *In Memoriam: A.B. Crank*, October, page 7  
R. William Reisert, *In Memoriam: Stephen G. Orbin*, November, page 11  
Patricia Cook, *In Memoriam: Frank Newberry*, November, page 11  
*In Memoriam: Rex Yates*, December, page 7

## OSTIV

- Bernald S. Smith, *OSTIV (XXII) Congress Reminder*, January, page 10  
M Reinhardt, *Ostiv Announcement*, June, page 9

## Parachutes

- Butler Procedure Approved (to Inspect and Treat Canopies)*, May, page 8  
W. Eierman, *Update on Security*, June, page 8  
Al Dresner, *Chute Alert*, July, page 2  
Jay Newell and Rick Valley, *Bailout!*, July, page 31  
Rick Valley, *Rigger Response*, September, page 2  
Larry Kreuger, *National Parachute Testing Required*, September, page 10  
Peter C. King, *The Care and Feeding of a Parachute*, September, page 29



Larry Krueger, *Changes at National Parachute*, December, page 7

## People

### A.B. Crank

Michael Haynes, *In Memoriam: A.B. Crank*, October, page 7

### Bill Ivans

*IGC Bulletin (Bill Ivans elected President of Honour)*, April, page 8

### Story Musgrave

*SSA Member Named (Story Musgrave for STS -33)*, April, page 8

### Ray Temchus

John Serafin, *Ray Temchus, a C5 Quadraplegic, Soars in a Grob 103*, March, cover

### Douglas Whitehead

*A nose-mounted Nikon captures Dr. Douglas Whitehead soaring above Sierra Nevada in an ASW-20*, May, cover

## Photography

Bill Hinote, *A New Era in Turnpoint Photography*, July, page 24

Brian Shoemaker, *Cameras, Cameras, Cameras*, October, page 2

Joe Flamenbaum, *1-35 or 1-26*, October, page 24

T. Guy Spencer, Jr., *Camera (and Film) Comments*, November, page 5

## Physiology

George Thelen, *Borderline Hysterical*, February, page 49

Bill Williams, *Add "Physical Condition" to Your Check List*, June, page 33

Bob Carlson, *Lessons*, June, page 35

George Thelen, *(Admonitions to) Infrequent Flyers*, June, page 51

Jack Fletcher, *Call For Alertness*, July, page 3

Glen D. Stone, *The Soaring Enthusiast and Familial Anxiety*, October, page 30

Trish Durbin, *The Christmas Present Solution (Is There Sex After Soaring)*, November, page 45

George Thelen, *Leave Your EGO at Home*, November, page 48

### Pilot Comfort

Harold A. Katinszky, *More on Back Support (Pillow)*, February, page 2

John Sandell, *Did You Say "Soar Back" or "Sore Back?"*, June, page 30

## Promotion

*Promotion Copies of Soaring (Available)*, May, page 10

John H. Campbell, *Promotion Idea (Check Logo)*, May, page 11

## Publications

Jack Fletcher, *Thanks, Robert (Welliever for Your Article)*, February, page 4

*Call to Sailplane Dealers (Company Information Needed)*, February, page 8

*It's That Time Again (for Calendar Photos)*, February, page 9

Dietrich Loeper, *Reader Upset (No Hidden Jokes, Need Credentials of Authors)*, March, page 6

*Send Us Your Best (Calendar Photos)*, March, page 11

Mark Kennedy, *Perspective: (Role of Publications and the Membership)*, April, page 49

Charles Person, *Wants More Information (in the Form of Soaring Developments)*, May, page 3

Tina Embich, *Critical of Mailing Wrapper*, July, page 3

Vic Saudek, *Ask Authors for More Background*, July, page 3

*1990 SSA Calendar Soon to be Available*, September, page 11

Charles M. Jamieson, *(Open Dive Brake) Safety Issue Discussed (and Wrapper)*, November, page 4

Robert H. Bruce, *Push for Action (on Signals and Publications)*, November, page 7

### Technical Soaring

*Call for Subscribers for Technical Soaring*, November, page 10

## Publicity

J.C. Kellett, *Questions Means to End (to Get Publicity)*, June, page 2

## Safety

- George Thelen, *Another High Speed Pass*, by Rolf Schultze, January, page 49  
George Thelen, *Borderline Hysterical*, February, page 49  
George Thelen, *Downburst*, by Bruce Patton, March, page 49  
George Thelen, *Safety Corner: Interview with Charlie (Westerinen After Aerotow Failure)*, April, page 50  
S. duPont, *Warning Device Discussed*, June, page 7  
Ed Crawley and R. John Hansman, *Improve the Crashworthiness of Your Sailplane*, June, page 19  
Jack Fletcher, *Safety Phrase*, September, page 5  
S. duPont, *Mid-Air Thoughts*, October, page 3

### Accidents/Incidents

- Jon P. Salisbury, *Disillusioned (with Risks of Competition)*, April, page 5  
Peter A. Williams, *Contest Flight Safety Emphasis Needed*, June, page 3  
Ed Crawley and R. John Hansman, *Improve the Crashworthiness of Your Sailplane*, June, page 19  
Jay Newell and Rick Valley, *Bailout!*, July, page 31  
Gene Hammond, *SSF Response (to Bowe about Publishing NTSB Glider Reports)*, (ednote), October, page 3  
Bert Bowe, *Question on Accident Reporting*, October, page 3  
*Unusual Glider Crash (in Poland)*, November, page 12

### Checklists

- Bill Williams, *Add "Physical Condition" to Your Check List*, June, page 33  
James H. Burgess, *Another Check List*, September, page 5

### Collision Avoidance

- Les Sebald, *Thoughts on Transponders*, March, page 2  
C. Biemond, *Strobe Discussed*, March, page 5  
Kareem Fahmi, *Avoidance Discussed*, April, page 3  
Jon P. Salisbury, *Disillusioned (with Risks of Competition)*, April, page 5  
Richard H. Johnson, *How to Avoid a Midair Collision - a New Approach*, April, page 35  
Bruce Helvie, *Likes Safety (of Cockpit Mirrors and a Strobe Light)*, May, page 2  
Michael Greenwald, *More on Mid-Airs*, June, page 2  
Richard H. Johnson, *(Orange) Paint Identified*, June, page 6  
Ray Speicher, *More on Mid-Airs*, July, page 4  
Bruce Helvie, *Mirrors Pictured*, August, page 5  
Bill Scull, *Thoughts on Scanning*, September, page 6

### Outlandings

- Roger Biagi, *If You've Got to Do It, Better Do It Right!*, April, page 13  
George Thelen, *Aero Retrieves*, July, page 49

### Patterns and Landings

- Alcide Santilli, *Stall/Spin Illustration*, March, page 5

### Stalls/Spins

- Alcide Santilli, *Stall/Spin Illustration*, March, page 5

## Sailplanes

- Can You Identify?*, June, page 8  
Bill Reaves, *Klaus Holighaus, Dropping Water Ballast While Finishing, Sails to Victory in the 1986 15-M Nationals*, August, cover  
*Can You Identify?*, August, page 8  
*Can You Identify?*, September, page 9  
*Can You Identify?*, October, page 12  
*Can You Identify?*, November, page 14  
B.D. Myers, *Needs WWII Glider Information*, December, page 3

### Blanik L-13

- Tom Hardy, *Call for Blanik (Aileron Ball Bearings) Check*, September, page 4
- Bowlus-Mitchell**  
Richard H. Benbough, *Almost an Albatross: The Bowlus-Mitchell Flying Wing*,  
August, page 21
- Centrair**  
*Good News for Centrair Owners*, February, page 6
- Concept 70**  
Wayne Garner, Jr., *Concept 70 Correspondence*, October, page 3
- Design**  
R.W. Carter, *Safety Corner Comments*, April, page 4
- Glaser-Dirks**  
**DG-500**  
*Maiden Flight of the DG-500 Elan Trainer*, August, page 10  
**DG-600**  
*DG-600 Now Type Certificated by LBA*, April, page 8  
Richard H. Johnson, *A Flight Test Evaluation of the DG-600*, August,  
page 12
- Glasflugel**  
**Club Libelle**  
Ron Baker, *Juliet Yankee (Glasflugel H205 Club Libelle)*, April, page 11  
**Club Libelle (H205)**  
Terry McElligott, *More on Club Libelle*, July, page 6
- Grob**  
**103C Twin III**  
Derek Piggott, *The Grob Twin III*, July, page 28  
**Twin II**  
John Stevenson, *Grob Owner Gripes (about Wing Spar Pin AD)*, September,  
page 2  
Robert J. Mudd, *Satisfied with Grob*, November, page 2  
**Twin III**  
Derek Piggott, *Grob Twin III over West German Village*, July, cover
- Lak-12**  
Tom Heinsheimer, *Sailplane LAK-12*, February, page 10
- Manufacturers**  
Oliver Dyer-Bennet, *Glaser-Dirks Flugzeugbau GMBH*, September, page 15
- Marske Pioneer II**  
Bob Michener, *Update on Marske Pioneer (N4SS)*, August, page 2  
John C. Gibson, *Stability Discussed*, December, page 3
- Pilatus B-4**  
R.W. Carter, *Safety Corner Comments*, April, page 4
- Rolladen-Schneider**  
**LS-7**  
Doug Jacobs, *Summer Soaring Fantasies (Including a very unscientific look  
at a new sailplane design, the LS-7)*, March, page 41
- Schempp-Hirth**  
**Nimbus-3D**  
G.G. Bawtinhimer, *A Nimbus 3D on a Bright, Sunny Day Ready for Flight;  
photo by Gary G. Bawtinhimer, M.D.*, April, cover
- Schleicher**  
**ASH-25**  
Glen Stiles, *An ASH-25 in Front of Storm Clouds at the 1988 Open Class  
Nationals*, February, cover  
**ASW-20**

Roland Winklehner, *Roland's ASW-20 CL over the French Alps*, October, cover

**ASW-24**

John Murray, *Schleicher Achieves Further Breakthrough (with Motor Installation for the ASW-24)*, March, page 10

**Schweizer**

*Anniversary Glory*, December, page 12

**SGP 1-1**

William E. (Bill) Gallagher, *The Flight of the Schweizer SGP 1-1, 1930-1989*, December, page 14

**SGS 1-20**

Ray Speicher, *Shares 1-20 Photo*, July, page 6

**SGS 1-26**

Paul Sampson, *Sorry, Charlie Dobkins (1-26 Nationals Author)*, January, page 2

Lew Neyland, *Credit Where Credit is Due (Old Goat Winner is Pat DeNaples)*, February, page 2

*1-26 Association on the Move (with New 1989 Executive Board)*, April, page 8

A.C. Woolnough, *Lady Quicksilver*, April, page 24

Harry Senn, Jim Hard, Mark Parranto, and Lew Neyland, *Rocky Mountain 1-26 Record Camp (from Lakecreek Soaringport)*, May, page 42

**SGS 1-35**

Steve Hines, *Painting of Three Schweizer Brothers above a 1-35*, December, cover

**SGS 2-22**

Gloria Dalton, *The Great (Schweizer) 2-22 Trip*, April, page 20

**SGS 2-33**

Dick Sager, *A Word of Caution (Spins and the 2-33)*, April, page 5

F.P. Bundy, *Rebuilding Glider 08S (Schweizer 2-33)*, July, page 41

**Todhunter Blue Wren**

*Blue Wren Update*, April, page 9

**World Class Sailplane**

James Dean, *Examine Single (World) Class Concept*, March, page 6

Larry Sanderson, *Olympics: Yes or No, What Do You Think?*, June, page 42

Dereesa Purtell, *Wait and See? (on Olympics)*, September, page 6

**Sites**

*Northern California Site Reports Business as Usual*, January, page 10

Norma Ravnsborg, *Have Glider Rating, Will Travel - Travelog (of Southern California)*, January, page 43

Norma Ravnsborg, *Have Glider Rating, Will Travel - Travelog (of Winter Vacation Destinations)*, February, page 46

Tom Nowicki, *Flying Seminoles Build New Nest*, March, page 36

Norma Ravnsborg, *Have Glider Rating, Will Travel - Travelog (of the Is: ID, IL, IN, and IA)*, March, page 47

Norma Ravnsborg, *Have Glider Rating, Will Travel - Travelog (of KS, LA, MD and MA)*, April, page 48

Norma Ravnsborg, *Have Glider Rating, Will Travel - Travelog (of MI, MN, NH, and NC)*, June, page 44

Norma Ravnsborg, *Have Glider Rating, Will Travel*, July, page 45

N. Ravnsborg, *Travelog: Have Glider Rating, Will Travel*, August, page 49

Norma Ravnsborg, *Have Glider Rating, Will Travel - Travelog (of SC, TN, and TX)*, September, page 46

Norma Ravensborg, *Have Glider Rating, Will Travel - Travelog (of VA, WA, St Louis, Albuquerque, and Orange County)*, October, page 34

**Black Forest**

Mark Palmer, *Black Forest: a Soaring Legend Returns*, January, page 24

**Boulder**

Vic Haynes, *Spring in Boulder looking wesward to Runway 26*, June, cover

**Kauai, HW**

Chuck O'Mahony, *Welcome to Paradise, (Kauai, Hawaii)*, June, page 14

**Lakecreek, CO**

Harry Senn, Jim Hard, Mark Parranto, and Lew Neyland, *Rocky Mountain 1-26 Record Camp (from Lakecreek Soaringport)*, May, page 42

**Lennox, FL**

Ruthelma Ward Mullins, *Soaring Free - For a Lifetime (Lennox Flight School, FL)*, October, page 27

**Petersburg, WV**

Ken Kochanski, *Scenes from a (Petersburg, WV 1989) Wave Camp*, June, page 3

**Tehachapi**

Richard Thornton, *About to Launch Runway Scene at Skylark North in Tehachapi, CA*, November, cover

**USAF Academy**

Wade H. Nelson, *USAF Academy Soaring Update*, April, page 32

**Soaring Society of America**

William C. Sproull, *Annual Report For Fiscal Year Ended October 31, 1988*, February, page 11

William C. Sproull, *A Letter from the President*, February, page 14

Judy Lincoln, *Perspective: (A Day in the Life of an SSA Volunteer)*, March, page 29

*New Florida SSA Governor*, August, page 7

*New Officers for 1990*, November, page 10

Larry Sanderson, *Perspective: New Times, Old Times, and Changing Times*, November, page 19

**Board of Directors Meetings**

Robert Keyes, *Sad Response (by SSA Directors to an Unspecified Issue)*, February, page 4

**Directors**

*Candidates for Regional Elections*, November, page 13

**Membership**

Edre Maier, *Call for Member Involvement (Guided by Directors)*, March, page 6

William C. Sproull, *Perspective: (To the SSA Membership)*, December, page 48

**President's Report**

Larry Sanderson, *Perspective: 1988..Last Year, 1989...This Year*, January, page 46

William C. Sproull, *Perspective: Where Do We Want to Go (from Here)? a Look at the Future of the Sport*, May, page 49

Larry Sanderson, *Olympics: Yes or No, What Do You Think?*, June, page 42

**Soaring Magazine**

Gary Sauer, *Offers New Service (for Back Issues of Soaring)*, April, page 2

**Reprints and Back Issues**

Gary Sauer, *Update on Project (of Soaring Back Issues)*, September, page 3

**Solicitations**

Rev. Thomas E. Lejsek, *Help for Youth (Civil Air Patrol)*, January, page 3

Phil Cammack, *Needs Help!(Wants Glider Frequencies on Charts)*, April, page 6

Doug Jacobs, *Call for Gliders (to Borrow by French Team)*, May, page 3

Mike McIntyre, *RC. Inquiry (for Sailplane Details)*, May, page 4

Terry Cubley, *Aussie Seeks Sailplane*, August, page 4

John Gleeson, *Help for Hawaii (CAP)*, October, page 2

Bryan Swansburg, *Wants to Hear on (Towplane) Tow Hooks*, October, page 3  
K. Bodeker, *Looking for Slides*, November, page 12  
Ameriglide, *Help! We Need Your Assistance*, November, page 12

### **Spoilers**

Gene Hammond, *Perspective: Where, Oh Where Has My Little Dog Gone?*, August, page 40

### **Stalls/Spins**

Albert Stirling, *Question on Spins*, January, page 3  
Dick Sager, *A Word of Caution (Spins and the 2-33)*, April, page 5  
Stuart Faber, *Spins Discussed (Including Over-the-Top Spins)*, April, page 6

### **Techniques**

#### **Mountain Soaring**

Roger Biagi, *Security in Mountain Flying (the Southeastern Alps)*, March, page 16  
Jan Driessen, *Chile Pepper Tours the Northern Arena (Mt Shasta, CA)*, September, page 20

#### **Wave Flying**

Dave Woods, *Wave Camp #5 California City, California*, January, page 4  
Ken Kochanski, *Scenes from a (Petersburg, WV 1989) Wave Camp*, June, page 3  
David A. Woods, *RESCO Wave Camp Number 6*, August, page 36  
David Selbeihleit, *The 1989 Ridge Soaring Wave Camp*, December, page 9

### **Video Tapes**

*Introduction to Soaring (14 minute) Video Tape Now Available*, February, page 9  
*("Soaring -in Harmony with the Wind") Video Garners Award*, July, page 10  
*Running on Empty Wins Gold Medal*, July, page 11

### **Vintage Aircraft**

*Can You Identify?*, May, page 6  
D. Fronius, *Second Annual Western Vintage Sailplane Regatta*, May, page 8  
Jan Scott, *17th International Vintage Glider Rally (Hungary)*, November, page 41

### **Weight and Balance**

*Precision Wheel Weighers for Aircraft*, March, page 28

### **Wing Loading**

Jim Payne, *Wing Loading Limit*, May, page 38  
Jason Gregg, *More on Wing Loading*, July, page 3  
Wally Raisanen, *View on Wing Loading*, July, page 4  
Tony Beck, *Wing Loading Proposal Discussed*, September, page 3  
David Cole, *Pros and Cons of 9 lb Wing Loading*, October, page 4  
Peter Masak, *Wing Loading and Competitiveness*, November, page 6

### **Women**

Ruthelma Ward Mullins, *Soaring Free - For a Lifetime (Lennox Flight School, FL)*, October, page 27

### **Youth**

*New Youth Scholarship (from Soaring Pilot Magazine)*, February, page 6  
Bekir Arpag, *Attracting Youth to Soaring (with Models)*, April, page 4  
Ray Conlon, *Likes (Scholarship) Idea*, May, page 2  
Roland Sprague, *A Girl Named Heidi*, May, page 4  
Byron Blakeslee, *Youth and R/C Models*, June, page 3  
Jerome K. Layton, *Training Youth to Soar (with Auto Tow)*, August, page 4

#### **Collegiate Soaring**

Larry Sharrar, *More on Youth (Auto Launch, Student Exchanges, and Support Requested)*, April, page 4

### **No subject**

Vic Haynes, *Lift is Where You Find It, photo of Longs Peak, Colorado, May 1988*, January, cover  
Scot Harnish, *Hooked on Soaring*, March, page 26

