# Soaring Magazine Index for 1983/1983 organized by issue

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.

Department, Columns, or Sections of the magazine are indicated within parentheses '()'. Subject, and sub-subject, are indicated within square brackets '[]'.

## 1983

# January

Gary Sauer, AS-W 19 above the Grand Tetons (Covers) [Sailplanes/Schleicher/ASW-19] Harold Huber, *Buying a homebuilt* (Letters) [*Homebuilders*], page 2 remembrance, (Letters) [*People*\George Worthington], page 2 W.F. Kelsey, Internationals fund contribution (Letters) [Competitions\World], page 2 Color for Visibility (Letters) [Safety], page 2 Cockpit Computers (Letters) [Construction & How-To; Safety\Homebuilding], page 5 Peschges VP2C Variometer (Letters) [Construction & How-To\Homebuilding], page 5 Strength vs. Age in Composites (Letters) [Sailplane Design/Materials], page 5 No author or title, [*Techniques; Meteorology*\Safety], page 6 Aerotow Emergency Signals (Letters) [Safety], page 6 No author or title, [Competitions\World], page 8 Medical Certificates and Experimental Aircraft (SSA in Action) [Medical], page 8 Motor Gliders and Pilot Certification (SSA in Action) [Federal Aviation Administration], page 8 Bernald S. Smith, An Insurance Alert (SSA in Action) [Insurance], page 9 18th World Soaring Championships, Sweepstakes (SSA in Action) [Competitions\World], page 9 Buck-a-Mile fundraising (SSA in Action) [Competitions\World], page 9 Schweizer SGM 2-37 motorglider test flight (SSA in Action) [Motorgliders\Schweizer\SGM 2-37], page 10 U.S. Team Member Eric Mozer (SSA in Action) [People/Eric Mozer; Competitions/World], page 11 1984 SSA Calendar photo submissions (SSA in Action) [Publications], page 12 Accepts Kolstad Junior Soaring Award Contribution (SSA in Action) [Awards\Kolostad; *People*\*Richard Hall*], page 12 Reg Deconti, New DG-300 Announced (SSA in Action) [Sailplanes\DG-300], page 13 T. Claude Ryan, in Memoriam (SSA in Action) [Obituaries; People\T. Claude Ryan], page 13 Harold Huber, [People\Harold Huber], page 14 Homebuilt Tom Knauff. design by Kevin Renshaw (Homebuilder News) [Sailplanes\Komet], page 14 Centauri design by Richard Harrington (Homebuilder News) [Sailplanes/Centauri; Aircraft Homebuilt/Kits], page 14 Donald Moore's Un-Named design (Homebuilder News) [Aircraft/Homebuilt/Kits], page 14 Komet design by Kevin Renshaw (Homebuilder News) [Aircraft Homebuilt/Kits], page 14 Almost Constant-Speed Prop [Sailplane Design\Homebuilder News], page 15 Excelsior, Homebuilt design by Chad Wille (Homebuilder News) [Sailplanes\Excelsior; Aircraft\Homebuilt/Kits], page 15 Freedom in Spirit design revisions, Freedom in Spirit, homebuilt design by David Reece (Homebuilder News) [Aircraft\Homebuilt/Kits], page 15 Homebuilt Design by Richard Winkel, Homebullder News [Salute], page 15 Homebuilt design by David Reece (Homebuilder News) [Freedom in Spirit], page 15 Salute, homebuilt design Winkel by Richard (Homebuilder News)

[Aircraft\Homebuilt/Kits], page 15

- Blue Wren, Australian homebuilt design (Homebuilder News) [Ultralights\Blue Wren; Aircraft\Homebuilt/Kits], page 16
- *Extremely Easy, Irv Culver self-launched sailplane design* (Homebuilder News) [*Ultralight\Extremely Easy; Aircraft\Homebuilt/Kits*], page 16
- Rob Sjostedt's un-named high performance design (Homebuilder News) [Aircraft\Homebuilt/Kits], page 16
- SSA design contest winner, update (Homebuilder News) [Solitaire], page 16
- Solitaire, design contest winner, update (Homebuilder News) [Sailplane Design; Aircraft\Homebuilt/Kits], page 16
- George Applebay, Arrow, Foot-launched sailplane design, Homebuilders News [Aircraft\Homebuilt/Kits; Ultralights\Arrow], page 17
- Segelflug Bildkalendar 1983, calendar description [Literature], page 17
- "The Story of Cowley" by Ursula Burton (SSA in Action) [Literature], page 18
- Norm Daike, *Heber Jeepers* (Feature Articles) [*Techniques*\*Cross-Country*], page 20
- *The* 1982 U.S. National and Regional Champions (Feature Articles) [Competitions\Regional; Competitions\National], page 22
- Harold Huber, Flying Seminole Ranch, Florida [Illustration], page 30
- Bill Kilborn, Florida"s Flying Seminole Ranch (Feature Articles) [Sites], page 32
- W.F. Kelsey, The Bowlus Baby Albatross (Feature Articles) [People\Harold Huber; People\Richard H. Johnson; People\WoodyBrown; People\Harland Ross; People\Don Mitchell; People\Willis and Lynn Orgill; People\Dick Schreder; People\Paul Tuntland; People\Don Minghelli; People\Dewey Kemp; People\Bud Kimball; People\Joe Lincoln; People\Bob Symons; Sailplanes\Schempp-Hirth\Nimbus; Sailplane Design\Sailplanes\Bowlus Baby Albatross; History; Vintage Aircraft], pages 34-36
- David Shapiro, *Hunting the Wild Turkey* (Feature Articles) [Sailplanes\Schempp-Hirth\Nimbus], page 41
- R.G. Allemann, Is Cross-Country Soaring a "Right-Hemisphere" Mode of Flying? [Instruction], page 46
- B. Zirkle, Safety Corner: Hypoxia [Medical], page 48
- Badges Badge List [FAI\Badges], page 50
- Michelle Silver, Mid-Georgia Soaring Association Octoberfest (Accent on Clubs) [Affiliates, Chapters, and Clubs], page 51
- Michelle Silver, *Outlanding at Caesar Creek* (Accent on Clubs) [Affiliates, Chapters, and Clubs], page 51

### February

W. Schuemann and A. Aldott, *ASW-12* (Covers) [*Sailplanes\Schleicher\ASW-12*] David Shapiro, *Let's Hear It for Repairmen* (Letters) [*Sailplane Design*], page 2

- Harry Higgins, The Nitty-Gritty on Dusty Thermals (Letters) [Meteorology], page 2
- L. Lutton, *The Model Award Message: The Real Thing is Even Better* (Letters) [Awards], page 3
- T. Page, *The Triumph of Procedure over Function* (Letters) [*Federal Aviation Administration*], page 3
- T. Willson, Motorglider Competition Rules (Letters) [Competitions\Motorgliders], page 3
- Richard H. Johnson, *The Trials and Tribulation of Starting a X-C School* (Letters) [*Sites; Techniques*\*Cross-Country*], page 4
- S. Connor, Avoiding Inadvertant Blanik Outlandings (Letters) [Techniques; Safety\Sailplanes\Blanik], page 5
- John McMasters, Measuring High L/D's-Like Verifying the Holy Ghost? (Letters) [Instruments; Sailplanes\Schempp-Hirth\Nimbus 3], page 6
- Motorgliders and Pilot Certification (SSA in Action) [Motorgliders], page 8
- No Medicals Required (Washington Update, SSA in Action) [Federal Aviation Administration; Medical], page 8
- SSA Directors Election Results (SSA in Action) [People\Larry Barrett; People\Robert W.

Driscoll; Soaring Society of America\Directors], page 8

News from Hobbs (SSA in Action) [Competitions\World], page 9

- Top Pilots Seeded (SSA in Action) [Competitions\Seeding], page 9
- Meet the Team Dick Butler (SSA in Action) [People\Dick Butler], page 10
- XVIIIth OSTIV Congress Call for Papers (SSA in Action) [Conferences and Conventions\OSTIV], page 11
- Carbon Fiber Repairs (SSA in Action) [Sailplane Design\Materials], page 12
- Carle Conway, in Memoriam (SSA in Action) [Obituaries], page 13
- Kevan Corder, in Memoriam (SSA in Action) [Obituaries], page 13
- George Applebay, Zia Production to Begin (Homebuilder News) [Sailplanes\Zia], page 14
- Mike MacHat, Built by P. and R. Chevalier (Homebuilder News) [Sailplanes\Marske Pioneer II], page 14
- Marske Pioneer (Homebuilder News) [Aircraft\Flying Wing], page 14
- Northeast Monerai Newsletter started (Homebuilder News) [Publications], page 14
- Wil Schuemann, A New Wing Planform with Improved Low Speed Performance (Feature Articles) [Sailplane Design; Sailplanes\Schleicher\ASW 12], page 16
- Wil Schuemann, Aerodynamic Design A New Wing Planform with Improved Low-Speed Performance [Aerodynamics], page 16
- Zia Production to begin, Homebullder News [Sailplanes\Applebay\Zia], pages 14-22
- Jack Lambie, *Caught Short in the Shearllne* (Feature Articles) [*Literature*\*Humor*], page 27 Helen Georgeson, *The Westerlies Are On!* (Feature Articles) [*Techniques*\*Cross-Country*], page 30
- Barry Schiff, Stall/Spin Awareness (Feature Articles) [Soaring Sites; Safety], page 33
- Richard H. Johnson, A Flight Test Evaluation of the Grob 103 Twin II (Feature Articles) [Aerodynamics\Flight Tests; Sailplanes\Grob 103 Twin II], page 36
- Badges Badge List [Awards\FAI\Badges], page 45
- Les Sebald, Annual Inspections (Maintenance and Projects) [Sailplanes\Design; Federal Aviation Administration], page 46
- Michelle Silver, Bernoulli Soaring Association Cross country Flying (Accent on Clubs) [Affiliates, Chapters, and Clubs], page 49
- Michelle Silver, *Recognizing Volunteers* (Accent on Clubs) [Affiliates, Chapters, and Clubs], page 49
- Michelle Silver, *The Bluenose Soaring Club's Astir* (Accent on Clubs) [Affiliates, Chapters, and Clubs], page 49

## March

Wolfgang Obst, Coming Home Late (Covers)

- C. O'Mahoney, Southwest Pennsylvania is Beautiful, Too (Letters) [Sites], page 2
- Wil Schuemann, The Johnson Flight Test Evaluations (Letters) [Aerodynamics\Flight Tests], page 2
- B. Selen, Wing Planform and Flow Control (Letters) [Aerodynamics], page 3
- Mil Schuemann, *Reply to Wing Planform and Flow Control* (Letters) [Aerodynamics], page 3
- J. Angenieux, The Tail Waggle's Meaning More Than Meets the Eye (Letters) [Techniques; Safety], page 4
- A Verbose Miasma (Letters) [Sites], page 4
- R. Voltz, Mimi, Nous t'aimons (Letters) [Sites], page 5
- A. Leffler, International Team Selection (Letters) [Competitions\World; Seeding], page 6
- B. Mouton, *How to Get More Technical Coverage* (Letters) [Soaring Society of *America*\Soaring Magazine], page 6
- D. Lowy, Accident Reports Accident Reports (Letters) [Safety], page 6
- E. Wiik, *Getting Glider Tax Down* (Letters) [Legislation], page 6
- T. Elmore, More on Safety Color Marking (Letters) [Safety], page 6
- John Dezzutti, Let's Be Careful Out There: Executive Director's Report (SSA in Action) [Safety], page 8

John Dezzutti, SSA Bronze Badge Announced (SSA in Action) [Awards\Badges], page 8

- John Dezzutti, World Championships News (SSA in Action) [Competitions\World], page 8
- Michelle Silver, 1983 Women's Cross-Country Soaring Seminar (SSA in Action) [Women], page 9
- Douglas Lamont, *Editorial Changes* (SSA in Action) [Soaring Society of America\Soaring Magazine], page 10
- J. Bell, SSA Sailplane Directory planned (SSA in Action) [Publications], page 10
- Bernald S. Smith, 1983 International Soaring Convention Schedule, Reno (SSA in Action) [Conferences and Conventions], page 12
- Michelle Silver, International Figures at SSA CFI Clinic (SSA in Action) [Conferences and Conventions; Sites; Commercial Operators], page 14
- J. Bell, SSA/AIAA Design Contest (SSA in Action) [Sailplane Design], page 16
- Michelle Silver, Taking a Friend to Launch-Join the SSA Recruitment Safari (SSA in Action) [Soaring Society of America], page 16
- Dick Butler, Flying Wing Design, Winner of SSA/AIAA Design Contest, with 3-view (SSA in Action) [Design\Callisto], page 17
- J. Bell, Callisto, SSA/AIAA Design Contest Winner from Virginia Polytechnic Institute and State University (SSA in Action) [Aircraft\Flying Wing], page 17
- Archer Martin, Nominate Someone for the Lincoln Award (SSA in Action) [Awards\Lincoln; Literature], page 18
- Harold Huber, , page 19
- Testing continued on SSA Homebuilt Sailplane Design Contest Winner (Homebuilder News) [Sailplanes\Solitaire], page 19
- Bill St. Clair, The Learning Season (Feature Articles) [Instruction; Flight Stories; Techniques; Competition\15-Meter Class], page 20
- Howard E. Burr, *The Aircraft of Volmer Jensen* (Feature Articles) [*People*\Volmer Jensen; Vintage Aircraft History], page 26
- C.D. Norman, A Thermalling Turn Indicator (Feature Articles) [Construction and How-To; Flight Technique; Safety], page 30
- Kenny Danielson, Going Bananas (Feature Articles) [Sailplanes\Schempp-Hirth\Nimbus 3; Sailplanes\Schempp-Hirth\Ventus Turbo; Aircraft\Self-Launched], page 32
- N. Faulkner, "Practical Wave Flying" by Mark Palmer (SSA in Action) [Literature], page 37
- VSA Seeks WWII Glider Information (SSA in Action) [Vintage Sailplane Association], page 37
- V.M. Saudek, Harold Huber, in Memoriam (SSA in Action) [People\Harold Huber; Obituaries], page 38
- Les Sebald, Radios A Beam Antenna for the Crew (Maintenance and Projects) [Crewing; Safety], page 39
- Michelle Silver, 18th World Soaring Championships Sweepstakes Club fund-raising (Accent on Clubs) [Affiliates, Chapters, and Clubs], page 42
- Gren Seibels, Out for a Spin [Safety; Flight Technique\Safety], page 43
- Badges Badge List [FAI\Badges], page 49

#### April

- Christopher Woods, AS-W 22's over Arizona (Covers) [Sailplanes\Schleicher\ASW 22] Alex Strojnik, The Schuemann View on Spanwise Flow (Letters) [People\Wil Schuemann], page 2
- R. Clark, Watch for Brass Wire! (Letters) [Sailplanes/Lark I.S.-28b2; Safety], page 2
- W. Hinote, *The Schuemann View on Spanwise Flow* (Letters) [*People*\Wil Schuemann], page 2
- J. Bryan, Soaring's Subject Mix: Another View (Letters) [Soaring Society of America\Soaring Magazine], page 3
- R. Gannon, Harth/Hirth Confusion (Letters) [People\Peter Riedel; History], page 3
- V.M. Saudek, Spontaneous Upwelling is A Lot Better Than Sink (Letters) [Meteorology],

page 3

- John Dezzutti, Attention: FAR's Revisited (SSA in Action) [Federal Aviation Administration], page 4
- Michelle Silver, Soaring Youth Camps in Germany (SSA in Action) [Youth], page 4
- Already in the Worlds (SSA in Action) [Competitions\World], page 4
- The Soaring Symposium is Back (SSA in Action) [Conferences and Conventions\OSTIV], page 4
- C. Valdez, *Physiological Training* (SSA in Action) [*Medical*], page 5
- *Wow! What a Job! Doug and Lianna Lamont* (SSA in Action) [*People*\*Lianna Lamont; People*\*Doug Lamont; Soaring Society of America*\*Soaring Magazine*], page 5
- Michelle Silver, Meet the Team Tom Beltz (SSA in Action) [Competitions\World; People\Tom Beltz], page 6
- SSA Membership Recruitment Safari (SSA in Action) [Soaring Society of America], page 8
- 1983 SSA Women's Cross-Country Soaring Seminar (SSA in Action) [Soaring Society of America; Women], page 10
- Marty Hollman, *Condor Motorglider Crashes* (Homebuilder News) [*Motorgliders*\*Condor*], page 11
- Marty Hollman, New officers elected. Condor Motorglider, Freedom in Spirit Design, SHAp Talk, Freedom Falcon, Homebuilders Workshop (Homebuilder News) [Affiliates, Chapters, and Clubs], page 11
- Bob Blaine Elected Secretary/Treasurer SHA (Homebuilder News) [People\Bob Blaine], page 11
- Dick Schreder Elected President of SHA (Homebuilder News) [People\Dick Schreder], page 11
- Homebuilt aircraft design revisions (Homebuilder News) [Freedom in Spirit], page 11
- Jim McCulloch Elected Regional Vice President SHA (Homebuilder News) [People\Jim McCulloch], page 11
- *New power plant under development* [*Sailplane Design*\*Homebuilder News*], page 11
- Vernon Oldershaw Elected Regional Vice President, SHA (Homebuilder News) [People\Vernon Oldershaw], page 11
- Fifth Annual SSA Sailplane Homebuilders Workshop (Homebuilder News) [Soaring Society of America], page 12
- *Freedom Falcon, homebuilt self-launch sailplane, described* (Homebuilder News) [*Aircraft*\*Self-Launched*], page 12
- *Otto Zauner's Homebuilt Sailplane* (Homebuilder News) [*Aircraft*\*Homebuilt/Kits*], page 15
- Jan Scott, Sailplanes on the Test Track (Feature Articles) [Performance\Evaluations], page 16
- Richard H. Johnson, A Flight Test Evaluation of the AS-W 22 (Feature Articles) [Aerodynamics\Flight Tests; Aerodynamics; Sailplanes\Schleicher\ASW 22], page 22
- Richard H. Johnson, A Flight Test Evaluation of the AS-W 22 (wingtip installation) [Aerodynamics\Flight Tests; Sailplanes\Design\Engineering], page 30
- Gren Seibels, Up on the Tip (Feature Articles) [Literature], page 32
- Les Sebald, Variometer Systems Some Checks (Maintenance and Projects) [Construction and How-To; Instruments], page 36
- Michelle Silver, *Denver Soaring Council Budget* (Accent on Clubs) [Affiliates, Chapters, and Clubs], page 40
- Michelle Silver, North Florida Soaring Society Maintenance of Club Aircraft (Accent on Clubs) [Affiliates, Chapters, and Clubs], page 41
- Michelle Silver, *Clubs Entering World Soaring Championships Sweepstakes* (Accent on Clubs) [Affiliates, Chapters, and Clubs], page 43
- S. Davies, It's the Breaks, The Brakes, That Is (Safety Corner) [Safety], page 45
- V. Barrett and J. Bell, Badge and Record Paperwork: You Must Mind the Rules [FAI\Badges], page 46

Badges - Badge List [FAI\Badges], page 47

#### May

George Uvegas, Springtime Takeoff at Hemet (Covers) [Sites\Hemet, CA]

- C. Coury, Can Zoom Data Measure Climb Performance? (Letters) [Performance\Evaluations], page 2
- H.Y. Loken, More on Kevlar (Letters) [Sailplane Design\Materials], page 2
- Harry Higgins, It's a Devil of a Hot Issue (Letters) [Meteorology], page 2
- W.L. Graham, Old Designs: Bring 'Em Back to Life (Letters) [Sailplanes\Baby Albatross; Vintage Aircraft; Affiliates, Chapters, and Clubs\Vintage Sailplane Association], page 2
- D. Schuetzbert, Young is the Best Time to Start (Letters) [Youth], page 3
- M. McFarland, *Is Soaring Already Too Big?* (Letters) [*Soaring Society of America*], page 3 A. Brooks, *A Call for Exchange of Inside Scoop* (Letters)
- [Motorgliders\Fournier/Sportavia SFS-31], page 4
- The 1983 SSA International Soaring Convention (Feature Articles) [Conferences and Conventions; OSTIV], page 6
- The Warren E. Eaton Memorial Trophy presented to Gustave Schuerer [Awards\Eaton; People\Gustave Schuerer], page 7
- The Lewin B. Barringer Memorial Trophy presented to Wallace A. Scott and William H. Seed, Jr. [Awards\Barringer], page 9
- The Paul E. Tuntland Memorial Award presented to George J. Vakkur [Awards\Tuntland], page 9
- CIVV Meeting at the 1983 SSA International Soaring Convention [Conferences and Conventions], page 10
- Coaches Conference at the 1983 SSA International Soaring Convention [Conferences and Conventions], page 10

1983 Sailplane Directory Planned (SSA in Action) [Publications], page 12

- Directory of U.S. Soaring Sites and Organizations (SSA in Action) [Publications], page 12
- Meet the Team Ray Gimmey (SSA in Action) [Competitions\World; People\Ray Gimmey], page 12
- SSA Membership Recruitment Safari (SSA in Action) [Soaring Society of America], page 12
- Fifth Annual Women's Cross-Country Soaring Seminar (SSA in Action) [Women], page 13
- Hollman Condor Production Plans Put Off (Homebuilder News) [Aircraft\Homebuilt/Kits; Motorgliders\Condor], page 15
- Solitaire (Rutan) plans developments (Homebuilder News) [Sailplanes\Solitaire; Aircraft\Homebuilt/Kits], page 15
- *Windrose design features* (Homebuilder News) [*Aircraft\Self-Launched; Aircraft\Homebuilt/Kits*], page 16
- Blue Wren, Australian Homebuilt Nears Completion (Homebuilder News) [Ultralights\Blue Wren; Aircraft\Homebuilt/Kits], pages 18-19
- Harold Huber, Homebuilt Distance Badge Flights on the Rise (Homebuilder News) [People\Harold Huber], page 19
- Jan Scott, Shopping for Motorgliders (Feature Articles) [Motorgliders\Dimona; Motorgliders\Grob G-109; Motorgliders\Scheibe SF-36], page 20

A Matter for Your Attention (Feature Articles), page 23

What Puts Us At Risk: Flying or Pilots? (Letters) [Safety], page 23

- B. Youngblood, *Catching A Florida Wave* (Feature Articles) [*Flight Technique*\Safety; *Meteorology*], page 25
- M.K. Chen and J.H. McMasters, From Paleoaeronautics to Altostratus A Technical History of Soaring (Part I) [History], page 30
- Frank E. Conner, Better Cross-Country Training for Soaring Pilots Should Start Early [Sites\Instruction], page 38
- Badges Badge List [FAI\Badges], page 40
- T. Copper, Altimeter Setting: MSL or Zero? [Safety], page 44

Tom Knauff, Fan That Rudder (Safety Corner) [Techniques\Flight; Safety], page 44

- Michelle Silver, 18th World Soaring Championship fund donations, Texas Soaring Association. Chicago Glider Club, Caesar Creek Soaring Club, Northern Colorado Soaring Club (Accent on Clubs) [Affiliates, Chapters, and Clubs], page 49
- Michelle Silver, New Clubs: Kent State University Flying Club, North Carolina State University Soaring Club, The Western Carolina Soaring Club (Accent on Clubs) [Affiliates, Chapters, and Clubs], page 49

## June

- Peter Selinger, *Glasflugel 404* (Covers) [Sailplanes\Glasflugel 404]
- T. Pratt, *How Rugged is Broken?* (Letters) [*Safety*], page 2
- Wallace A. Scott, It's Bouquet Time (Letters) [People\Doug Lamont; People\Lianna Lamont], page 2
- B. Helvie, Strobe Light for Cloudy Gaggles (Letters) [Safety], page 3
- L. Zink, Pow! She Let Loose (Letters) [Safety; Flight Technique], page 3
- B. Wells, *Thermal Finding Instruments* (Letters) [Construction & How-To\Homebuilding], page 4
- 18th World Soaring Championships Sweep stakes Winner (SSA in Action) [Competitions\World], page 6
- Licensing Experimental Aircraft (SSA in Action) [Federal Aviation Administration], page 6
- Hobbs Update: Contestants Galore! (SSA in Action) [Competitions\World], page 7
- Meet the Team George Moffat (SSA in Action) [Competitions\World; People\George Moffat], page 7
- Meet the Team Karl Striedieck (SSA in Action) [Competitions\World; People\Karl Striedieck], page 7
- Manufacturer's Airworthiness Directives AS-W 15 AD Note (SSA in Action) [Safety; Sailplanes\Schleicher\ASW 15], page 8
- Wave Soaring into the Stratosphere (SSA in Action) [Meteorology], page 8
- Working Together SSA and Business Members (SSA in Action) [Soaring Society of America], page 8
- New Region Eight 300km Trophy Race (SSA in Action) [Awards\Regional; Competitions\Regional], page 9
- Use of SSA Membership List (SSA in Action) [Soaring Society of America], page 9
- Gunter Voltz, Distance Prize: A Soaring Vacation in Nevada (SSA in Action) [Awards\Barron Hilton Cup], page 10
- 1984 Nationals Site Sought (SSA in Action) [Competitions\National], page 11
- On Approaching A Safe Arrival (SSA in Action) [Safety], page 11
- SSA Membership Recruitment Safari (SSA in Action) [Soaring Society of America], page 11
- German Man-Powered ship first flight (Homebuilder News) [Aircraft\Human-Powered], page 14
- Harry's Handy Hardware (Homebuilder News) [Literature], page 15
- B. Said, "Stalls, Spins and Safety" by Sammy Mason (SSA in Action) [Literature; Flight Technique\Safety], page 16
- Bernald S. Smith, *Reno '83: Thank You All* (SSA in Action) [Conferences and Conventions\OSTIV], page 19
- James Foreman, *The Accident That Nearly Happened* (Feature Articles) [*Safety; Sailplanes*\*Schweizer*\1-36 Sprite], page 22
- S.J. Winckler and F.P. Bundy, *Rensselaer's "Homebuilt" RP-2* (Feature Articles) [Sailplane Design/Materials; Sailplanes/RP-2; Aircraft/Homebuilt/Kits], page 26
- M.K. Chen and J.H. McMasters, (Part I) From Paleoaeronautics to Altostratus A Technical History of Soaring (Part II) (Feature Articles) [History], page 30
- J.T. Bent, *Badge Flights Move Over, Karl; Move Over, George!* [*Flight Stories*], page 36 Move over George!, *Move over Karl* (Feature Articles) [*People\John T. Bent*], page 36

- Mike MacHat, *Rigged!* (Feature Articles) [Sailplanes\Blanik; Flight Technique; Safety], page 40
- Michelle Silver, El Tiro Gliderport, Tucson, Hilltown, Philadelphia, Richmond Airport, Michigan (Accent on Clubs) [Sites], page 42
- Michelle Silver, *Higher Performance Club Ships* (Accent on Clubs) [Affiliates, Chapters, and Clubs], page 42
- Michelle Silver, Owning your Own Gliderport (Accent on Clubs) [Affiliates, Chapters, and Clubs], page 42
- Les Sebald, *Hotellier Control Rod Coupling Safety Link* (Maintenance and Projects) [*Safety*], page 44
- Les Sebald, What About Safety? (Maintenance and Projects) [Safety; Sailplane Design], page 44
- W. Torke, Teach Them To Be Adaptable (Teaching Soaring) [Instruction; Flight Technique\Safety], page 46
- Badges Badge List [FAI\Badges], page 46

## July

- George Uvegas, World Championships Impressions (Covers)
- Frank Gross, Postcard From Yesterday (Letters) [Vintage Aircraft], page 2
- J. Angenieux, All Right, Students, For Today's Exercise... (Letters) [Safety; Instruction; Flight Technique\Safety], page 2
- J. Vach, Soviet Soaring Stamps (Letters) [Stamps], page 3
- John Dezzutti, Pilot Proficiency Program (SSA in Action) [Safety; Federal Aviation Administration], page 4
- Harold Huber, 1983 Sailplane Homebuilders Workshop (Homebuilder News) [People\Harold Huber], page 7
- A Little Identification, Please (SSA in Action) [Vintage Aircraft], page 7
- Aerobatics, Anyone? (SSA in Action) [Flight Technique], page 7
- Connie Linke, Account of Record Flight Wins Lincoln Award: Lamonts Honored by Harris Hill Resolution (SSA in Action) [Literature], page 8
- Robert Gannon, Account of Record Flight Wins Lincoln Award (SSA in Action) [Awards\Lincoln], page 8
- Lamonts Honored by Harris Hill Resolution (SSA in Action) [People\Lianna Lamont; People\Doug Lamont], page 8
- SSA Membership Recruitment Safari (SSA in Action) [Soaring Society of America], page 9
- P.A. Petmecky, in Memoriam, Thomas W. Heywood [Obituaries; People\Thomas W. Heywood], page 11
- 1000 km Across the Alps (SSA in Action) [Awards\Records and Record Flights], page 11

Vintage An Anniversary Safari (SSA in Action) [Vintage Aircraft], page 11

- "Composite Aircraft Design", by Marty Hollman, (Homebuilder News) [Literature], page 12
- Harold Huber, SSA Homebuilt Design Contest to be an Annual Event (Homebuilder News) [People\Harold Huber], page 12
- FAA Circular Certification and Operation of Amateur-Built Aircraft (Homebuilder News) [Certification\Aircraft], page 12
- How Can You Determine Whether the Center of Gravity is Within Limits? (SSA in Action) [Safety], page 12
- Monerai Wing Spar Safety Notification (Homebuilder News) [Sailplanes\Monerai; Homebuilt/Kits], page 12
- SSA Homebuilt Sailplane Design Contest to be an Annual Event (Homebuilder News) [Sailplane Design], page 12
- Oliver Suddard, NASA Tests Volmer Jensen's VJ24W Sunfun (Homebuilder News) [Ultralights\Sunfun], page 16
- George Moffat, Marske Monarch update, Homebuilder News [Aircraft\Homebuilt/Kits; Ultralights\Monarch], page 19

James Foreman, Zia: A Place in the Sun (Feature Articles) [People\George\Homebuilt/Kits; Self-Launched Aircraft; Applebay; Sailplanes\Applebay\Zia], page 20

- Bob Phillips, *Striedieck Wins 15-Meter Nationals* (Feature Articles) [*People\Karl Striedieck; Competitions\National*], page 24
- Douglas Lamont, *Hobbs: A Preview* (Feature Articles) [*Sites; Competitions*\*World*], page 30
- J. Bell, A Look at the International Contest Pilots [Competitions\World], page 37
- Tom Knauff, The World's Longest Record Flight? (Feature Articles) [Techniques\Ridge Soaring; Records and Record Flights], page 44
- Gren Selbels, *Region Five: Booming Lift, Bitter Cold* (Feature Articles) [*Competitions*\*Regional*], page 46
- Les Sebald, How to Protect Your Gold and Diamonds (Maintenance and Projects) [Sailplane Design; Construction and How-To\Homebuilding], page 50
- Michelle Silver, *Blackhawk Soaring Club announces Trans-Iowa Trophy* (Accent on Clubs) [*Affiliates, Chapters, and Clubs*], page 52
- Michelle Silver, Caesar Creek Soaring Club's Annual Wright Memorial Glider Meet (Accent on Clubs) [Affiliates, Chapters, and Clubs], page 52
- Michelle Silver, Long Island Soaring Association Student Training Program (Accent on Clubs) [Affiliates, Chapters, and Clubs], page 52
- Michelle Silver, Region 12 Soaring Council organization (Accent on Clubs) [Affiliates, Chapters, and Clubs], page 52
- Stephen DuPont, I Know What It Says, but What Does It Mean? (Safety Corner) [Safety], page 53
- Badges Badge List [FAI\Badges], page 54
- J.C. Stiles, *The One-Percent Rule: It's Alive and Well!* (Letters) [*FAI\Badges*], page 999 August
  - Laszlo Horvath, Schweizer 2-32 over Sedona, Arizona (Covers) [Sailplanes\Schweizer\2-32]
  - John Joss, An Appeal from the Heart (Letters) [Safety], page 2
  - B. Brose, A Little Clarification (Letters) [Records and Record Flights], page 3
  - L. Neyland, And What Is The Ship-Du-Jour? (Letters) [Soaring Sites], page 3
  - I. Prue, A Short Note of Wisdom (Letters) [Safety], page 4
  - N. Pocock, Anybody Seen a Smoke Ring thermal (Letters) [Meteorology], page 4
  - Tasso Proppe, Birds of a Feather Sometimes Aren't (Letters) [Vintage Aircraft], page 4
  - Ray Gimmey, in the Interest of Accuracy (SSA in Action) [Sailplanes\Glasflugel 402], page 6
  - Hobbs Bulletin (SSA in Action) [Competitions\World], page 6
  - Identity Quiz, Haller Hawk (SSA in Action) [Vintage Aircraft], page 6
  - SSA Membership Recruitment Safari (SSA in Action) [Soaring Society of America], page 6 VSA News (SSA in Action) [Affiliates, Chapters, and Clubs\Vintage Sailplane Association],

  - To What Depths Should You Sink? (SSA in Action) [Flight Technique; Safety], page 7
  - How Much Angle Do You Have in the Bank (SSA in Action) [Flight Technique; Safety], page 9
  - Blue Wren Progress (Homebuilder News) [Aircraft\Homebuilt/Kits; Ultralights\Blue Wren], page 10
  - Free Recruitment Poster (SSA in Action) [Soaring Society of America], page 10
  - Solitaire Plans and Distributors (Homebuilder News) [Aircraft; Solitaire\Homebuilt/Kits], page 10
  - Harold Huber, Sailplanes Homebuilder's Workshop Update (Homebuilder News) [People\Harold Huber], page 12
  - Region Eight Contest (SSA in Action) [Competitions\Regional], page 12
  - When Will the Dragon Fly? [Sailplane Design\Homebuilder News], page 12
  - Region Eleven South Contest (SSA in Action) [Competitions\Regional], page 14

- Dr. Scott Jenkins, A Gull on the Wing [Birds], page 20
- David W. Harris, An Ordinary Day at the Field (Feature Articles) [Literature], page 22
- Robert Grey, Cordele 9, Gnats 0 at Standard Class Nationals (Feature Articles) [Competitions\National], page 26
- No author or title, [Sailplanes\DG-300], page 28
- John Williamson, Go For The Gold (Feature Articles) [Techniques\Cross-Country\Safety], page 32
- L. Gardner, P. Williams, and S. Hodd, *Nimbus 3's Dominate '83 Open Nationals* (Feature Articles) [*Competitions\National; Sailplanes\Schempp-Hirth\Nimbus 3*], page 34
- T. Williams, Schweizer 1-34s Hard Landings Can be Costly (Safety Corner) [Safety], page 44
- Badges Badge List [FAI\Badges], page 46
- Michelle Silver, Aero Club Albatross 1-26 Mini-Contest (Accent on Clubs) [Affiliates, Chapters, and Clubs], page 50
- Michelle Silver, Colorado Regional Soaring Groups Meeting (Accent on Clubs) [Affiliates, Chapters, and Clubs], page 50
- Michelle Silver, Colorado Soaring Association Sets Season Goals (Accent on Clubs) [Affiliates, Chapters, and Clubs], page 50
- Michelle Silver, SSA Recruitment Safari Results (Accent on Clubs) [Affiliates, Chapters, and Clubs], page 50

## September

I. Andresen, *Nimbus 3s in Formation* (Covers)

- G. Speight, A Bi-Polar MacCready Ring? (Letters) [People\Paul MacCready, Jr.; Construction and How-To\Homebuilding], page 2
- P. Teunisse, To See Our Sites as Others See Us (Letters) [Soaring Sites], page 2
- E. Replogle, Don't Grope Around Inside! (Letters) [Construction and How-To\Homebuilding], page 3
- C. O'Mahony, Wisdom Recollected in Tranquillty (Letters) [Literature], page 4
- Frank Conner, After 16 Years! (Letters) [Flight Stories], page 4
- J.L. Butler, What's With All This Wig-Wagging? (Letters) [Flight Technique; Safety], page 4
- P. Williams, More Suggestions on Accident Prevention (Letters) [Safety], page 4
- How Many Ways Can the Start be Stopped? (SSA in Action) [Flight Technique], page 6
- How Much Speed Do you Need to Succeed? (SSA in Action) [Safety; Techniques], page 6
- Now Hear This: Everybody Check Your Listing (SSA in Action) [Soaring Society of America], page 6
- Frank E. Connor, A High-Altitude High (SSA in Action) [Sailplane Design], page 8
- How Many Ways Can The Start Be Stopped? (SSA in Action) [Safety], page 8
- Region 12 Diamond Banquet (SSA in Action) [Awards], page 8
- B. Weathers, Region Eleven North Contest (SSA in Action) [Competitions\Regional], page 11
- Gene Hammond, *Region Seven Contest* (SSA in Action) [*Competitions*\*Regional*], page 15 Douglas Lamont, *18th World Soaring Championships* [*Competitions*\*World*], page 18
- Ann Welch, *Stewards and the International Jury* (Feature Articles) [*Competitions*\World], page 32
- Pat Valdata, Going For It! (Feature Articles) [Women; Flight Technique\Cross-Country], page 42
- J. Bright, *The Freedom Falcon* (Feature Articles) [*People*\*Harold Huber*; *Aircraft*\*Homebuilt/Kits*], page 48
- H. Lawrence and T. Knauff, Safety No Shortage of Ideas (Feature Articles), page 52
- Hal Lawrence, Remember the Summer of '86? [Safety], page 52
- Tom Knauff, Accidents We Can Do Something [Safety], page 52
- Safety No Shortage of Ideas [Safety], page 52

Les Sebald, A Potpourri of Special Tips (Maintenance and Projects) [Sailplane Design], page 56

Badges - Badge List [FAI\Badges], page 60

#### October

- G. Edwards, 1-26 Championship (Covers) [Competitions\1-26; Sailplanes\Schweizer\SGS 1-26]
- G. Kemp, *The Perils of Parochialism* (Letters) [*Competitions*\*Regional*], page 2
- V.M. Saudek, Some Pattern Wisdom from a Veteran (Letters) [Flight Technique; Safety], page 2
- W. Catto, Whatever Happened to Standard Class? (Letters) [Performance\Evaluations], page 2
- E. Whitehead, Training Safety Means Learning To Do It Right! (Letters) [Safety], page 3
- John Dezzutti, Executive Director's Report [Soaring Society of America], page 4
- Board of Directors Summer Meeting (SSA in Action) [Soaring Society of America\Directors], page 4
- Regional Directors Elections (SSA in Action) [Soaring Society of America\Directors], page 4
- *New SSA Governor for Maryland* (SSA in Action) [*People\Burton Solomon; Soaring Society of America\Governors*], page 5
- Safety Notes from Here And There (SSA in Action) [Sailplanes\Grob\Twin Astir; Sailplanes\Vickers-Slingsby Kestrel; Sailplanes\Vickers-Slingsby Vega; Safety; Safety; Motorgliders\Grob G-109], page 5
- Defeating The Wind When you Want To (SSA in Action) [Safety; Flight Technique], page 6 How Can a Few Pounds Bend Your Bird? (SSA in Action) [Aerodynamics; Safety], page 6 Homebuilt Sailplane Design Contest (SSA in Action) [Sailplane Design], page 9
- Practice Makes Perfect (SSA in Action) [Safety], page 9
- Burton Solomon, An AD on the Standard Cirrus (SSA in Action) [Sailplanes\Schempp-Hirth\Standard Cirrus], page 10
- Call for Papers (SSA in Action) [Conferences and Conventions], page 10
- Don't Be Surprised (SSA in Action) [Soaring Society of America\Soaring Magazine], page 10
- SIB: Airworthiness Directives An AD on the Standard Cirrus (SSA in Action) [Federal Aviation Administration], page 10
- Advertising News (SSA in Action) [Soaring Society of America\Soaring Magazine], page 11
- Big Changes in Aeronautical Charts? (SSA in Action) [Federal Aviation Administration], page 11
- J. Harvey, Region One Contest (SSA in Action) [Competitions\Regional], page 12
- J. Brennan, Region Four Contest (SSA in Action) [Competitions\Regional], page 15
- S. Colton, Region Twelve North Contest (SSA in Action) [Competitions\Regional], page 16
- Jack Greene, *The 1983 1-26 National Championship* (Feature Articles) [*Competitions*\1-26; *Sailplanes*\Schweizer\1-26], page 20
- Richard H. Johnson, At Last: an Instrument That Reads Drag! (Homebuilders Hall) [Construction & How-To\Homebuilding; Instruments; Performance\Evaluations], page 28
- James Foreman, A Parable: He Who Complaineth... (Feature Articles) [Literature], page 34 Reg Deconti, Skyrace (At My Place!) [Computers and the Internet; Flight Technique\Cross-Country], page 38
- B. Leonard, Region Ten North Contest (SSA in Action) [Competitions\Regional], page 40
- Bob Grey, Region Five South Contest (SSA in Action) [Competitions\Regional], page 40
- Stephen DuPont, Variometers Misbehaving? (Maintenance and Projects) [Construction & How-To\Homebuilding], page 41
- Michelle Silver, *Membership Recruitment* (Accent on Clubs) [Affiliates, Chapters, and Clubs], page 44
- Michelle Silver, National Soaring Week Revisited (Accent on Clubs) [Affiliates, Chapters,

and Clubs], page 44

- Michelle Silver, Octoberfests, etc. (Accent on Clubs) [Affiliates, Chapters, and Clubs], page 44
- Michelle Silver, Welcome to New SSA Chapters (Accent on Clubs) [Affiliates, Chapters, and Clubs], page 44
- Michelle Silver, *Taos Soaring Festival* (Accent on Clubs) [Affiliates, Chapters, and Clubs], page 45

Badges - Badge List [FAI\Badges], page 46

### November

F. Mennitto, Sky at 1983 World Championships (Covers) [Competitions\World] **December** 

- Christopher Woods, Kestrel 17 and AS-W 22 over Nevada (Covers) [Sailplanes\Schleicher\ASW 22; People\W.F. Kelsey; Sailplanes\Kestrel 17]
- L. Stephens, Who'd Like to Swap for New Zealand Soaring? (Letters) [Soaring Sites], page 2
- V. Frye, A Plea for Accident Reports (Letters) [Safety], page 2
- H. Nixon, Off-Field Landings Can't be Forbidden (Letters) [Safety], page 3

Karl Striedieck, Collisions: Paint Won't Help the View (Letters) [Safety], page 3

- P. Newgard, Watch Out When Adjusting Varies (Letters) [Construction & How-To\Homebuilding], page 3
- R. Boulware, Virginia Honors du Pont Flight (Letters) [People\Richard C. Du Pont], page 3
- H. Damron, Another Smoke Ring Sighted (Letters) [Meteorology], page 4
- *Executive Director Resigns* (SSA in Action) [Soaring Society of America\Employees], page 6
- John Dezzutti, Airspace Going, Going (SSA in Action) [Legislation; Federal Aviation Administration], page 7
- John Dezzutti, Contest Numbers Again (SSA in Action) [Competitions], page 7
- New State Governor (SSA in Action) [People\Oliver Suddard; Soaring Society of America\Governors], page 7
- 1984 SSA Flight Instructors Revalidation Clinic (SSA in Action) [Conferences and Conventions\OSTIV], page 8

SSA Membership at a Record High (SSA in Action) [Soaring Society of America], page 8 Category One Pilots (SSA in Action) [Competitions\Seeding], page 10

- Glider Camp Solos 22 CAP Cadets in Hawaii (SSA in Action) [Soaring Sites\Commercial Operators], page 10
- Soaring Monument Snaffled (SSA in Action) [Museums\National Soaring Museum], page 10

Gene Hammond, *How Close To The Ground Do You Want To Be Found* (SSA in Action) [*Flight Technique*\Safety], page 11

When You Hang Out The Trash and Garbage, What Does It Actually Do? (SSA in Action) [Flight Technique\Safety], page 11

Joann B. Shaw, Records Galore! (SSA in Action) [Awards], page 12

V.M. Saudek, David A. Matlin, 1906-1983 [People\David A. Matlin; Obituaries], page 12

Bruce Carmichael, Book Review "Low Power Laminar Aircraft Design", by Alex Strojnik (SSA in Action) [Literature], page 14

- Harold Huber, 1983 East and West Coast Homebuilders Workshops (Homebuilder News) [Homebuilders], page 14
- Harold Huber, Attention, Lost Monerai Builders! (Homebuilder News) [Sailplanes\Monerai; Homebuilders], page 14
- J. Sinclair, Region Eleven Sports Contest (SSA in Action) [Competitions\Regional], page 14
- W.F. Kelsey, *Thermite, Australian ultralight* (Homebuilder News) [*Ultralights*\*Thermite; Aircraft*\*Ultralights*], page 14

J.L. Butler, Region Six Contest (SSA in Action) [Competitions\Regional], page 16

- J. Holbrook, Region Four South Contest (SSA in Action) [Competitions\Regional], page 20
- J. Reinhardt and R. Schuetzeberg, Region Ten South Contest (SSA in Action) [Competitions\Regional], page 20
- Connie Linke, How to Make Dreams Come True (Feature Articles) [Awards\Barron Hilton], page 22

Gary L. Stokes, The Christmas Cloud (Feature Articles) [Literature], page 26

- William C. Feldbaumer, Let the Fastest Pilot Win! (Feature Articles) [Competitions; Scoring], page 30
- Jack Benedict, A Bite-Size Cross Country (Feature Articles) [Flight Technique\Cross-Country], page 36

James Foreman, 26th Annual Rocky Mountain Contest [Competitions\Regional], page 38

Richard H. Johnson, If You Learn in a Trainer That Won't, Neither Can You [Safety], page 42

Badges - Badge List [FAI\Badges], page 44

## Unknown

T. Elmore, More on Identification [Safety], page 59

Stephen DuPont, Remember, Pilots: It May Spin You (Letters) [Flight Technique\Safety], page 999