Soaring Magazine Index for 1980 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 '[]'.

1980

January

George Uveges, *Woodstock I* (Covers) [*Sailplanes**Woodstock I*]

Sandor Aldott, Texas Cloudstreet (Covers) [Illustrations\Centerfolds]

Doug Adcox, An HP-14's Benign Spiral (Letters) [Sailplanes\HP-14; Safety], page 2

Lloyd Hoover, Save El Mirage (Letters), page 2

Save El Mirage (Letters) [Sites\El Mirage; Affiliates, Chapters, and Clubs], page 2

Dale Thompson, *The French Connection - Sealing the Gap* (Letters) [Sailplanes\Speed Astir; Competitions; Construction and How-To\Technique], page 3

J.A. Caubet, Improving the Mosquito (Letters) [Performance\Evaluations; Sailplanes\Mosquito], page 3

Phillip Morris, Improving the Mosquito (Letters) [Sailplanes\Mosquito], page 3

Carl Herold, *Realism in Handicapping (response to letter)* [Competitions\Sports Class], page 4

John Monteith, *Realism in Handicapping* (Letters) [*Competitions*\Sports Class], page 4 *Towrope Safety* (Letters) [*Safety; Construction and How-To*], page 4

John Dezzutti, SSA Director Results (SSA in Action) [Soaring Society of America\Directors; People\Don Knypstra; People\Paul Schweizer; People\Ed Sessions; People\A.C. Williams; People\Ray Young; People\Carl Herold; People\A.J. Smith; People\Brian Utley], page 7

No author or title, [Soaring Society of America\SSA in Action], page 7

No author or title, [Awards], page 8

Helmut Reichmann Awarded Lilienthal Medal, CIVV News (SSA in Action) [CIVV], page 8 Archer Martin, National Soaring Museum Liam English resigns NSM Post (SSA in Action) [People\William English; Museums and Archives], page 10

John Dezzutti, Accident Summary (SSA in Action) [Safety], page 10

Jay Solmonson, Libel-Lula, A New Spanish Ultralight (SSA in Action) [International\Spain], page 11

Libel-Lula, A New Spanish Ultralight (SSA in Action) [Aircraft\Ultralights], page 11

John Dezzutti, Palmer, Alaska, Keeping Airports Open to Sailplanes (SSA in Action) [Sites\Alaska; Federal Aviation Administration; Affiliates, Chapters, and Clubs], page 12 No author or title, [Construction and How-To\Homebuilder News], page 12

William Frank Kelsey, Looking Backward The Bowlus-Douglas XCG-7 (SSA in Action) [Vintage Aircraft; History], page 13

Michelle Silver, "The World of Silent Flight," by Richard Wolters (SSA in Action) [Literature], page 14

Steve Tatman, *Klaus Hill, in Memoriam* (SSA in Action) [*People\Klaus Hill; Obituaries*], page 15

New Standard Class PIK Announced (SSA in Action) [Competitions\Standard Class; Sailplanes\Pik-20], page 15

- The 1979 National and Regional Champions (Feature Articles) [Competitions\National; Competitions\Regional], page 16
- S. Hall, A Design Critique of Woodstock I [Performance\Evaluations; Sailplanes\Woodstock I; Aerodynamics\Design], page 18
- Stan Hall, Homebuilts/Kits A Design Critique of Woodstock I (Homebuilders' Hall) [Aircraft\Flying Wing], page 18

- Engineering and Maintenance and Projects A design critique of the woodstock I Hall, S. [Homebuilding], page 18
- Jack Lambie, The Two Faces of Juliet Lima (Feature Articles) [Flight Stories; Aircraft\Flying Wing], page 24
- Felix Aberli, Gstaad, Switzerland: Centerspread Photo [Illustrations\Centerfolds; International\Switzerland; Affiliates, Chapters, and Clubs], page 28
- Robert Taylor, No Fences Facin' (Feature Articles) [Philosophy of Soaring], page 30
- Richard Johnston, The Dust Devil (Feature Articles) [Aircraft; Construction and How-To\Flying Wing], page 32
- Les Sebald, An Easy-to-Build, Low-Drag Antenna (Maintenance and Projects) [Construction and How-To\Instruments], page 37
- Les Sebald, From the Readers [Construction and How-To\Instruments], page 37
- George Moffat, Looking Back at the Seventies, Part I, Ships of the Seventies (Soaring to Win) [Aircraft; Competitions\15-Meter Class; Competitions\Open Class; Competitions], page 38
- Michelle Silver, [Affiliates, Chapters, and Clubs], page 40
- Michelle Silver, Long Island Soaring Association celebrates 25th Anniversary (Accent on Clubs) [Affiliates, Chapters, and Clubs], page 40
- Ray Cipriano, *How Not to Fly a Wave* (Safety Corner) [*Techniques**Wave; Safety*], page 42 No author or title, [*Federation Aeronautique Internationale**Badge List*], page 45

February

Jim Foreman, Zuni (Covers) [Sailplanes\Zuni]

- Erik Lapparent, The Death of Charles Fauvel (Letters) [People\Charles Fauvel; Obituaries\Charles Fauvel], page 2
- L. Roy McMaster, Contest Task Change Proposal (Letters) [Competitions], page 2
- Ernest Miner, More on the Selling Price of Homebuilts (Letters), page 4
- Hal Porter, More on the Selling Price of Homebuilts (Letters), page 4
- Jack Wilson, *Higher Aspect Ratio Tails for Lower Drag?* (Letters) [Aerodynamics], page 4 Kevin Renshaw, *More on the Selling Price of Homebuilts* (Letters), page 4
- Higher Aspect Ratio Tails for Lower Drag? (response) (Letters) [Aerodynamics], page 4
- More on the Selling Price of Homebuilts (Letters) [Aircraft; Construction and How-To; Economics; Flying Wing], page 4
- D.L. Gibo, *Monarch Paper Available on Request* (Letters) [*Sailplanes**Monarch*], page 5 No author or title, [*Soaring Society of America**SSA in Action*], page 6
- Bernald Smith, From SSA's Insurance Chairman (SSA in Action) [Insurance], page 8
- Symposium Proceedings Part II Issued, Optimal Flight Technique (SSA in Action) [Aircraft/Ultralights; Construction and How-To/Materials; Literature; Safety], page 8
- Bob Smith, [Construction and How-To\Homebuilder News], page 10
- George Moffat, Monerai Update (SSA in Action) [Sailplanes\Monerai; Performance\Pilot Reports], page 13
- Paul MacCready, Jr., NASA Flight Testing Gossamer Albatross (SSA in Action) [Aerodynamics\Flight Tests], page 15
- Michelle Silver, Hang Gliders Can Earn FAI/CIVV Badges (SSA in Action) [Aircraft; FAI/Ultralights; Awards/Badges], page 16

Michelle Silver, Soaring Cover Collection (SSA in Action) [Stamps], page 16

William Hill, Zuni - the American Challenger (Feature Articles) [Sailplanes\Zuni; Performance\Evaluations\Pilot Reports], page 18

Bob Lovejoy, *RP-1* [*Illustrations**Drawings*], page 22

- H. Gunter Helwig, CAPGLIDE and the RP-1 (Feature Articles) [People\Bill Carlson; Construction and How-To; Aerodynamics; Aircraft\Materials], page 22
- Eric Williamson, Narrow Miss at Narromine (Feature Articles) [Flight Stories; International\Australia; Safety; Affiliates, Chapters, and Clubs], page 28
- R. Johnson, A Flight test evaluation of the LS-3A [Sailplanes\Rolladen-Schneider\LS3A; Aerodynamics\Flight Tests], page 34

S. Hall, A Suspect U-Joint in the HP-18? [Sailplanes\HP-18; Safety; Construction and How-To\Homebuilders' Hall], page 38

Stan Hall, Design/Homebuilding Forum at Seattle, Homebuilders' Hall, page 38

- Design/Homebuilding Forum at Seattle, Hall, S. [Construction and How-To\Homebuilders' Hall], page 38
- S. Hall, HP-18, Manufacturer's Airworthiness Directive (Homebuilders' Hall) [Sailplanes\HP-18; Federal Aviation Administration\Airspace], page 39
- George Moffat, Looking Back at the Seventies, Part II, Equipment and Contest Trends (Soaring To Win) [Competitions], page 40
- Les Sebald, From the Readers (Maintenance and Projects) [Construction and How-To\Instruments], page 42
- Tom Cooper, Zoom? (Safety Corner) [Safety], page 43

No author or title, [Federation Aeronautique Internationale\Badge List], page 45

March

- Bert Small, *Central Ontario Soaring Association, Libelle* (Covers) [*Sailplanes**Libelle*] Jack Laister, *The True Cost of Certification* (Letters) [*Certification*], page 2 Bob Semans, *Leeching* (Letters), page 4
- George Moffat, "Leeching" (response to letters) [Competitions\Techniques], page 4

Peter Williams, Leeching (Letters) [Techniques\Competitions], page 4

- Steve Du Pont, *Leeching* (Letters), page 4
- Val Brain, Leeching (Letters), page 4

Wayne Roberts, *Leeching* (Letters) [*Techniques*\Competitions], page 4

"Leeching" (letters from: Brain, V. [Techniques\Competitions], page 4

- Bernald Smith, *The Most Consistent Competitive Soaring Ever Witnessed* (Letters) [*People*\A.J. Smith], page 5
- The Most Consistent Competitive Soaring Ever Witnessed A. J. Smith (Letters) [Competitions], page 5
- Frank Conner, Chemical Hazards for Homebuilders and Owners (Letters) [Construction and How-To\Design], page 6
- Jon Mead, *Chemical Hazards for Homebuilders and Owners* (Letters) [*Physiology**Medical*], page 6
- *Chemical Hazards for Homebuilders and Owners* (Letters) [*Construction and How-To*], page 6
- Judy Lincoln, *The Airspace Grab: An AIAA Indictment* (SSA in Action) [Organizations], page 8

No author or title, [Soaring Society of America\SSA in Action], page 8

- Stamp Issued for Harris Hill Anniversary (SSA in Action) [Stamps; Affiliates, Chapters, and Clubs], page 8
- The Airspace Grab: An AIAA Indictment (SSA in Action) [Airspace; Federal Aviation Administration], page 8
- Top Seeded 1980 Contest Pilots (SSA in Action) [Competitions], page 8
- John Dezzutti, Import Duty Lifted from Gliders and Motorgliders, Washington Update (SSA in Action) [Legislation], page 9
- John Dezzutti, Washington Update (SSA in Action), page 9
- Import Duty Lifted from Gliders and Motorgliders, Washington Update (SSA in Action) [Aircraft], page 9
- New FAI Record Category Announced (SSA in Action) [FAI; Awards\Records and Record Flights], page 9
- David Aranda, Member Discounts for Title Search (SSA in Action) [Aircraft], page 10
- High-Altitude Soaring Airspace Test to Continue (SSA in Action) [Airspace; Federal Aviation Administration], page 10
- No author or title, [Construction and How-To\Homebuilder News], page 11
- MOBA, Homebuilder News (SSA in Action) [Aircraft\Design], page 11
- Self-launched American Eaglet, Homebuilder News (SSA in Action) [Sailplanes\American

Eaglet], page 12

Minibat, Homebuilder News (SSA in Action) [Aircraft\Ultralights], page 13

- Bob Petersen, L'Aiglon, the American Eaglet (Feature Articles) [Sailplanes\American Eaglet; Performance\Evaluations\Pilot Reports], page 14
- Jerry Foster, A Survey of Clubs, 1980 Update (Feature Articles) [Affiliates, Chapters, and Clubs], page 19
- R. Johnson, Performance Improvements Through Airfoil Shape Correction [Competitions\Technique], page 23
- Richard H. Johnson, Performance^Improvements Through Airfoil Shape Correction, Part I (Feature Articles) [Aerodynamics; Sailplanes\Pik-20; Construction and How-To; Performance\Evaluations\Design], page 23
- J. Boucher, The Old Wasserkuppe and Württemberg [Illustrations\Paintings], page 30
- Tasso Proppe, Tasso's Tale [Flight Stories], page 30
- Tasso Proppe, Tasso's Tale, the Wasserkuppe [History; Affiliates, Chapters, and Clubs], page 30
- Tasso Proppe, Württemberg, Tasso's Tale [Aircraft], page 30
- Tasso's Tale, as Told by Tasso Proppe (Feature Articles), page 30
- Robert Jain, Robert Stanley's Nomad, Looking Backward (SSA in Action) [History; People\Robert Stanley; Aircraft], page 39
- No author or title, [Construction and How-To\Homebuilder News], page 39
- Walter Briggs, Simon Gilad, in Memoriam (SSA in Action) [Obituaries; People\Simon Gilad], page 40
- Edward J. Reeves, Wallace Richard, in Memoriam (SSA in Action) [Obituaries; People/Wallace Richard Wiberg], page 41
- George Moffat, Looking Back at the Seventies, Part III, The Pilots (Soaring to Win) [Competitions], page 42
- Derek Piggott, Teaching "lookout," Teaching Soaring, page 44
- Derek Piggott, Teaching Lookout [Instruction], page 44
- Eric Greenwell, Replacement Tail Wheel [Construction and How-To\Equipment], page 45
- Emilis Prelgauskas, *The Minimum Viable Soaring Club* (Accent on Clubs) [Affiliates, Chapters, and Clubs], page 46
- Michelle Silver, Accent on Clubs [Affiliates, Chapters, and Clubs], page 46
- No author or title, [Federation Aeronautique Internationale\Badge List], page 50

April

- Sandor Aldott, Kestrel (Covers) [Sailplanes\Kestrel]
- Dick Johnson, On Flight Testing Techniques (Letters) [Aerodynamics\Flight Tests], page 2 Niels Taarnhoj, FTE's Using Comparison Vehicles (Letters) [Aerodynamics\Flight Tests],
- page 2
- FTE's Using Comparison Vehicle (Letters) [Aerodynamics\Flight Tests], page 2
- George Worthington, RP-1 Critique (Letters) [Aircraft\Ultralights], page 4
- H. Gunter Helwig, RP-1 Critique (response to letter), page 5
- Hal Lawrence, Circumstates Adventure, page 6
- Arthur Schubert, Lark Rudder Pedal Hang-Up Hazard (Letters) [Safety], page 7
- Frank Conner, Dive and Zoom Okay Sometimes? (Letters), page 7
- Lloyd Bungey, Dive and Zoom Okay Sometimes? (Letters), page 7
- Dive and Zoom Okay Sometimes? (Letters) [Safety], page 7
- Lark Rudder Pedal Hang-Up Hazard (Letters) [Sailplanes\Lark], page 7
- Michelle Silver, FAA Designees Give Written Exam (SSA in Action) [Federal Aviation Administration], page 8
- Phillip Morris, Byars/Holbrook Symposia Proceedings Reprint (Letters) [Competitions; Literature], page 8
- No author or title, [Soaring Society of America\SSA in Action], page 10
- SSA Office Staff Changes (SSA in Action) [Soaring Society of America\Staff], page 10
- Ted E. Sharp, Radiosonde Meteorgraph Kite, Looking Backward [History], page 11

- Dick Clawson, Mitchell Wing, Ultralight Fun (SSA in Action) [Aircraft\Ultralights], page 12
- Jay Solmonson, Mitchell Wing, Ultralight Fun (SSA in Action) [Ultralights; Illustrations\Photography], page 12
- Paul Rendel, *Mountain Fantasy* [*Paintings; Illustrations; Sailplanes*\Concept 70], page 13 No author or title, [Construction and How-To\Homebuilder News], page 13

G. Seibels, Famous Last Words: If I Can Buy It, I Can Fly It! [Safety], page 14

- Hal Lawrence, Motorgliders Circumstates Adventure (Feature Articles) [Sailplanes\Lark; Aircraft\Flying Wing], page 16
- Charles Kerestesi, How I Designed and Built the MG-1 (Feature Articles) [Aerodynamics\Design; Construction and How-To; Performance\Evaluations\Flying Wing], page 22
- John McMasters, *Experimental Advanced Concepts in Variable Geometry Sailplanes* (Feature Articles) [Aerodynamics], page 26
- Geri Silveira, Motel 1-26 (Feature Articles) [Sailplanes\Schweizer\SGS 1-26; Crewing; Flight Stories], page 32
- George Moffat, Contest Report on Two Sailplanes (Soaring To Win) [Competitions], page 39
- George Moffat, Contest Report on Two Sailplanes, Soaring to Win [Sailplanes\Jantar 2B; Sailplanes\Mini-Nimbus C], page 39
- George Moffat, Contest Report on Two Sailplanes (Mini-Nimbus C and the Jantar 2B), Soaring to Win [Performance\Evaluations\Pilot Reports], page 39
- Michelle Silver, Albuquerque Soaring Club, A Smooth Operator (Accent on Clubs) [Affiliates, Chapters, and Clubs], page 40
- Michelle Silver, Delhi Gliding Club, New Delhi, India (Accent on Clubs) [International/Indea; Affiliates, Chapters, and Clubs], page 40
- Eric Greenwell, Measuring Total Energy Probes Easily, Maintenance and Projects, page 42
- R. Allemann and E. Greenwell, *Measuring Total Energy Probes Easily* (Maintenance and Projects) [Construction and How-To\Instruments], page 42

Gren Seibels, Famous Last Words: "If I can Buy It, I Can Fly It," Safety Corner, page 44

No author or title, [Federation Aeronautique Internationale\Badge List], page 47

May

- Sandor Aldott, *Sisu* (Covers) [*Sailplanes**Sisu*]
- R. Johnson, Flight Tests LS-3, LS-3A, LS-3/17 (reply to Letter from W. Lemke) (Letters) [Sailplanes\Rolladen-Schneider\LS-3; Aerodynamics\Flight Tests], page 3
- Wolf Lemke, Flight Tests LS-3, LS-3A, LS-3/17 (Letters) [Sailplanes\Rolladen-Schneider\LS-3; Aerodynamics\Flight Tests], page 3
- Lift Alongside of Clouds (Letters) [Meteorology; Safety], page 4
- Nels Shapter, Sailplane Certification Update (Letters), page 5
- Sailplane Certification Update (Letters) [Certification; Federal Aviation Administration], page 5
- Brian Utley, Executive Director Forrest Blossom Resigns (SSA in Action) [People\Forrest Blossom; Soaring Society of America\Employees], page 6
- Michelle Silver, John Dezzutti Continues as Acting Executive Director (SSA in Action) [People\John Dezzutti; Soaring Society of America\Employees], page 6
- No author or title, [Soaring Society of America\SSA in Action], page 6
- Doris Grove, Doris Grove First Woman to Soar 1000 Kilometers (SSA in Action), page 8
- Doris Grove First Woman to Soar 1000 Kilometers (SSA in Action) [Awards\Records and Record Flights\Feminine; Women], page 8
- *MacCready Awarded Collier Trophy* (SSA in Action) [*People**Paul MacCready, Jr.; Awards**Collier*], page 9
- New 1-26 Association Officers (SSA in Action) [People\Eddy Gallacher; People\Frank Conner; People\Jack Greene; Affiliates, Chapters, and Clubs; People\David Ledford],

page 9

Brian Utley, The SSA President's Message (Feature Articles) [Soaring Society of America\President's Report], page 10

- 6 -

- John Dezzutti, The SSA Executive Director's Report (Feature Articles) [Insurance; Aircraft; Competitions; Soaring Society of America\Reports; Flying Wing], page 11
- John McMasters, Advanced Concepts in Variable Geometry Sailplanes, Part II (Feature Articles) [Sailplanes\Sigma; Aerodynamics\Design; Aircraft], page 12
- John McMasters, Advanced concepts in variable geometry Sailplanes, Part II, page 12
- The SSA National Soaring Convention (Feature Articles) [Conferences and Conventions], page 18
- D. Forsythe, The Born-Again Loser [Illustrations\Cartoons], page 22
- Gren Seibels, *The Born-Again Loser* (Feature Articles) [*Competitions; Safety; Literature*], page 22
- William Price, Centering in Thermals Modeling the Process (Feature Articles) [Instruction; Safety; Meteorology], page 26
- Bill Carlson, So You Want to Build a Sailplane? (Feature Articles) [Aircraft; Construction and How-To\Flying Wing], page 32
- Bill Carlson and Jay Solmonson, So you want to build a sailplane?, page 32
- So You Want to Build A Sailplane? [Construction and How-To\Design], page 32
- Sandor Aldott, Alvin Parker, in Memoriam (SSA in Action) [Obituaries; People\Alvin Parker], page 37
- Rolf Bahrenburg, Kurt Reupke in Memoriam (SSA in Action) [Obituaries; People\Kurt Reupke], page 38
- Bernald Smith, Homebuilder Workshop Report, Homebuilder News (SSA in Action) [Construction and How-To], page 39
- Bob Smith, Homebuilders Workshop Report, Homebuilder News (SSA in Action), page 39

D. Slotten, Appointed Chairman Safety Committee, Flight Training and Safety Board News (SSA in Action) [Soaring Society of America; People\Gene Hammond], page 40

- Charlie Spratt, *The View from the Ground* (Soaring To Win) [*Crewing; Competitions*], page 42
- D. Forsythe, Good Housekeeping (Safety Corner) [Illustrations\Cartoons], page 44
- Dick Conwell, Good Housekeeping (Safety Corner) [Competitions; Safety], page 44
- Michelle Silver, (Accent on Clubs) [Affiliates, Chapters, and Clubs], page 45
- Michelle Silver, Flying Coordinated: Insurance and Guest Release Forms (Accent on Clubs) [Insurance], page 45
- Michelle Silver, A Visit With Derek Piggott, Teaching Soaring [Aircraft; People\Derek Piggott; Flying Wing; Instruction], page 47
- No author or title, [Federation Aeronautique Internationale\Badge List], page 48

June

- Christopher Woods and Aero Meridian Productions, Launch Grid (Covers) [Competitions] Elemer Katinszky, Lower the Cost of Soaring - Share (Letters) [Economics], page 2 W.E. May, For Lower Costs - Organize a Syndicate (Letters), page 2 For Lower Costs - Organize a Syndicate (Letters) [Economics], page 2 Lower the Cost of Soaring - Share (Letters) [Economics], page 2 Christopher O'Callaghan, Using the BSM in Real Life (Letters), page 3 Keith Willis, Recycled Cirrus (Letters), page 3 Phil Petmecky, Blanik Elevator Cable Hang-Up (Letters), page 3 Richard Johnson, Bugs and Polars (Letters) [Sailplanes\Blanik; Safety], page 3 Blanik Elevator Cable Hang-Up (Letters) [Sailplanes\Blanik; Safety], page 3 Bugs and Polars (Letters) [Aircraft], page 3
- Soaring the Quickie (Letters) [Aircraft], page 3
- Using the BSM in Real Life (Letters) [Safety], page 3
- Pem Drinker, Thermal Generator Progress Report (Letters), page 4

- More on Calibrating Total Energy Probes (Letters) [Construction and How-To\Instruments], page 4
- Thermal Generator Progress Report (Letters) [Meteorology], page 4
- Elmer Lammon, *The Eaglet Self-Launched or Not?, reply to L. Haig* (Letters) [*Aircraft**Ultralights*], page 5
- Larry Haig, *The Eaglet Self-Launched or Not? (reply to letter from E. Lammon)*, page 5 Ray Williams, *Touring Down Under* (Letters), page 5
- Touring Down Under (Letters) [International\Australia; Affiliates, Chapters, and Clubs], page 5
- John Dezzutti, A Letter to the Membership (SSA in Action) [Instruction; Aircraft; Federal Aviation Administration; Affiliates, Chapters, and Clubs; Soaring Society of America; Flying Wing; Airspace], page 8
- No author or title, [Soaring Society of America\SSA in Action], page 8
- Don Lannon, Gliderport Innundated Skylark, Lake Elsinore, California (SSA in Action) [Affiliates, Chapters, and Clubs], page 9
- American Motorglider Association Forming (SSA in Action) [Aircraft\Flying Wing], page 9
- B. Buck, The CIVV Report (SSA in Action) [CIVV; Organizations], page 10
- John Lee, State Record Month (SSA in Action) [Awards\Records and Record Flights], page 11
- Cindy Brickner, 1980 Contest Scoring (SSA in Action) [Competitions], page 12
- Bernald Smith, Stop Aviation's Growth? (SSA in Action) [Federal Aviation Administration/Airspace], page 13
- Nancy Lee Evans, State Records (SSA in Action) [Awards\Records and Record Flights], page 14
- Bob Storck, Vintage Sailplane Association Report (SSA in Action) [History; Affiliates, Chapters, and Clubs\Vintage Sailplane Association], page 15
- Al Backstrom, Horten X, Midget and Submidget Sailplanes [Competitions; History; Aerodynamics; People\Bud Meyer; People\Reimar Horten; Sailplanes\Horten X; Aircraft\Flying Wing], page 16
- Doris Grove, My 1000 Kilometer Flight (Feature Articles) [Awards\Records and Record Flights; Women\Feminine/Women], page 16
- Doris Grove, Yoder, C., see: My 1000 Kilometer Flight [Awards\Records and Record Flights\Feminine; Women], page 16
- Richard H. Johnson, A Flight Test Evaluation of the LS-3/17 [Aerodynamics\Flight Tests; Sailplanes\Rolladen-Schneider\LS-3/17; Performance\Evaluations], page 16
- Jon Mead, A Call for Regional Organization (Feature Articles) [Soaring Society of America], page 32
- John McMasters, Advanced Concepts in Variable Geometry Sailplanes, Part III (Feature Articles) [Aerodynamics], page 34
- George Moffat, Decisions, Decisions (Soaring to Win) [Competitions], page 38
- Les Sebald, Radio Interference Varios [Construction and How-To\Instruments], page 40
- Larry Johnston, Approaching the Landing Pattern (Safety Corner) [Safety], page 42
- Michelle Silver, *Tax-exempt Status a Sometimes Precarious Position* (Accent on Clubs) [*Economics; Affiliates, Chapters, and Clubs*], page 43
- Gary Sunderland, Flying the Homebuilt MOBA-2C, Homebuilder's Hall [Construction and How-To; Aircraft/Flying Wing], page 44

No author or title, [Federation Aeronautique Internationale\Badge List], page 48

Julv

- Wolfgang Obst, Jantar/SSA Emblems (Covers) [Sailplanes\Jantar]
- Bob Lovejoy, Access Ratio (Letters) [Economics], page 2
- Richard H. Johnson, A Flight Test Evaluation of the DG-200 [Aerodynamics\Flight Tests; Sailplanes\Glaser-Dirks\DG-200], page 2

Richard Miller, Access Ratio (Letters), page 2

- Victor M. Saudek, Access Ratio (Letters) [Performance\Evaluations], page 2
- Bill Ivans, Change the Rules: No Help on Badge or Record Flights (response to ltr from Vakkur, G.), page 3
- George Vaakur, Change the Rules: No Help on Badge or Record Flights (Letters), page 3
- Karl Striedieck, Change the Rules: No Help on Badge or Record Flights (response to letter from G. Vakkur), page 3
- Richard McIver, Canopy Scale for Determining Glide Slope (Letters) [Instruction; Safety], page 3
- Tasso Proppe, Change the Rules: No Help on Badge or Record Flights (Letters) [Awards\Records and Record Flights], page 3
- Bill Farrow, Vario Lag as an Aid to Centering (Letters), page 4
- Jim Maupin, A Letter to the Would-Be Sailplane Designer (Letters), page 4
- A Letter to the Would-Be Airplane Designer (Letters) [Construction and How-To], page 4
- Stan Smith's Exceptional Service Award [Awards\Exceptional Service; People\Stan Smith], page 4
- Vario Lag as an Aid to Centering (Letters) [Instruments; Safety], page 4
- Joe Baer, Salto Builder's A.D. (Letters) [Federal Aviation Administration; Safety; Aircraft/Airspace], page 5
- Richard Miller, Simple Innovations for Improved Wing Efficiency (Letters), page 5
- Needed: Hands-Only Flight Controls (Letters) [Physiology\Medical; Aircraft], page 5
- Simple Innovations for Improved Wing Efficiency (Letters) [Aerodynamics\Design; Construction and How-To], page 5
- Paul MacCready, Jr., First Man-Carrying Solar-Powered Flight (SSA in Action) [People\Paul MacCready, Jr.], page 6
- No author or title, [Soaring Society of America\SSA in Action], page 6
- Kevlar Zuni II (SSA in Action) [Construction and How-To; Zuni\Materials], page 7
- Motorgliding News, SSA Motorglider Study (SSA in Action) [Aircraft\Flying Wing; Instruction], page 7
- New Museum Displays (SSA in Action) [Museums and Archives], page 7
- Michelle Silver, Book Review "Gliding, Soaring, and Skysailing," by Norman F. Smith (SSA in Action) [Literature], page 8
- Towplane Safety Note (SSA in Action) [Safety; Aircraft], page 8
- *Unlimited* = *Open* (SSA in Action) [*Competitions**Open Class*], page 11
- No author or title, [Construction and How-To\Homebuilder News], page 12
- FLAC Flight Simulator, Homebuilder News (SSA in Action) [Instruction], page 12
- Mitchell U-2, Homebuilder News (SSA in Action) [Aircraft\Ultralights], page 12
- Wolfgang and Sharon Obst, Fantasy Haven Gliderport/Soaring for TV (Feature Articles) [Illustrations\Photograph; People\Wolfgang Obst; Affiliates, Chapters, and Clubs], page 16
- Richard H. Johnson, A Flight Test Evaluation of the DG-200 (Feature Articles) [Aerodynamics\Flight Tests], page 20
- D. Jacobs, *Please Send Me to Switzerland* (Feature Articles) [*Affiliates, Chapters, and Clubs; International**Switzerland**Schanis*], page 26
- Jerry Gibbs, The Golden Glider (Feature Articles) [Performance\Evaluations; Aerodynamics; Instruction], page 30
- Gren Seibels, Region Five North Contest (SSA in Action) [People\Ben Greene:Winner, 15-Meter Class; People\Joe Conn: Winner, Open Class; People\Steve Bowen:Winner, Standard Class; Competitions\Regional], page 35
- Vic Saudek, in Memoriam Raymon Parker (SSA in Action), page 37
- Victor M. Saudek, in Memoriam Raymon Parker (SSA in Action) [Obituaries; People\Raymon Parker], page 37
- Michelle Silver, Taking the Pulse of Soaring's Potential (Accent on Clubs) [Affiliates, Chapters, and Clubs], page 38

- Stan Hall, Separation in Metal-Skin/Foam-Rib Bonding [Sailplanes\Schreder\HP-18; Safety; Construction and How-To\Materials; Construction and How-To\Homebuilders' Hall], page 40
- Bill Maples, Smoke that Barogram (Maintenance and Projects) [Construction and How-To\Instruments], page 43
- Steve du Pont, A Summary of NTSB-Reported 1978 Glider Accidents (Safety Corner) [Aircraft; Safety], page 44
- Derek Piggott, *Teaching Soaring Can't Stay Up?* (Teaching Soaring) [*Safety; Instruction*], page 47
- No author or title, [*Federation Aeronautique Internationale*\Badge List], page 50

August

- Dita Aldott, *LS-1C* (Covers) [*Sailplanes**Rolladen-Schneider**LS-1C*]
- David Aranda, Polar Polemics (Letters) [Sailplanes\Schleicher\ASW 20], page 2
- Mike Borgelt, Polar Polemics (Letters) [Sailplanes\Mosquito; Performance\Evaluations], page 2
- George Worthington, Marriage, Hang Gliding, L/D's and Sex Objects (Letters) [Aircraft], page 3
- Peter Myers, Sailplane Designers: Please Protect Us from Lightning Strikes (Letters) [Safety; Aerodynamics\Design; Construction and How-To], page 3
- Frank Sentyrz, El Mirage to Continue as Gliderport (Letters) [Affiliates, Chapters, and Clubs], page 4

No author or title, [Soaring Society of America\SSA in Action], page 6

- John Dezzutti, From the Executive Director (SSA in Action) [Soaring Society of America], page 7
- Soaring Magazine Revised Classified Ad Rates, From the Executive Director (SSA in Action) [Soaring Society of America\Soaring Magazine], page 7
- Michelle Silver, FAA Designees Give Written Exam (SSA in Action) [Instruction], page 8
- 1-26 Log Marks 25th Anniversary (SSA in Action) [Affiliates, Chapters, and Clubs/1-26 Association], page 8
- Debugger for High-Performance Sailplanes (SSA in Action) [Aerodynamics; Construction and How-To], page 8
- Bob Storck, VSA News (SSA in Action) [Soaring Society of America\Vintage Sailplane Association], page 9
- Charles Dewald, 1980 Region Four Contest (SSA in Action) [People\Tom Beltz: Winner, 15-Meter Class; Competitions\Regional], page 9
- John Lee, "The Sportplane Builder," by Tony Bingelis (SSA in Action) [Literature\Book Review], page 9
- Soaring Verse (SSA in Action) [Literature], page 10
- SSA Homebuilder Class Sailplane Project/ A Call for Design Class Sailplanes (SSA in Action) [Aerodynamics\Design], page 11
- Captain Ralph S. Barnaby, Pruefling, Cape Cod Cross-Country, Looking Backward (SSA in Action) [History; Flight Stories; Vintage Aircraft], page 15
- Dale May, Harald Wermuth Jensen, in Memoriam (SSA in Action) [People\Harald Wermuth Jensen; Obituaries], page 17
- Mike Koerner, Clouds (Feature Articles) [Flight Stories; Meteorology; Awards\Records and Record Flights], page 18
- Mike Koerner, Clouds (1000km Diplome) [FAI], page 18

Mike Koerner, X-C Wave Soaring Checklist, Clouds [Safety], page 18

- Jan Scott, Flying wing pilot position and design options Horten, R., with Commentary and Translation [Aerodynamics\Flight Tests], page 22
- R. Commentary and Translation, Scott, J. Horten, *Flying Wing Pilot Position and Design Options* (Feature Articles), page 22
- Reimar Horten, Flying Wing Pilot Position and Design Options (with commentary and translation by J. Scott) [Aerodynamics\Flying Wing], page 22

- John Sager, The Day the Mountain Blew Its Top (Feature Articles) [; Meteorology; Affiliates, Chapters, and Clubs], page 32
- The day the mountain blew its top Sager, J., page 32
- Stan Hall, Separation in Metal-Skin/Foam-Rib Bonding, Part II (Homebuilders' Hall) [Construction and How-To; Sailplanes\Schreder\HP-18], page 37
- Michelle Silver, Soaring Society of Dayton/Caesar Creek Soaring Club (Accent on Clubs) [Affiliates, Chapters, and Clubs], page 40
- George Moffat, The Open Class (Soaring to Win) [Competitions\Open Class], page 43
- Brooks Dodge, Near Fatal (Safety Corner) [Physiology\Heat exhaustion; Safety; Competitions\Technique], pages 44,23,10,28,8
- Les Sebald, On Batteries (Maintenance and Projects) [Construction and How-To\Equipment], page 46

September

- Wolfgang Obst, 1-35/Jantar (Covers) [Sailplanes\Jantar; Sailplanes\1-35]
- Bill Skliar, How to Avoid the "Sailplane Go Home" Syndrome at Airports (Letters) [Affiliates, Chapters, and Clubs], page 2
- Don Davis, On Staying Up (Letters), page 3
- Peter Winterble, Pride Goeth Before Sink, Ask for Help (Letters), page 3
- Richard Benbough, The Canada Goose as a Soaring Bird (Letters) [Birds], page 3
- Tonk Mills, The Canada Goose as a Soaring Bird (Letters) [Birds], page 3
- On Staying Up (Letters) [Safety], page 3

Pride Goeth Before Sink: Ask for Help (Letters) [Instruction], page 3

- John Dezzutti, John Dezzutti Appointed Executive Director, SSA Director's Meeting the Executive Director's Report [Soaring Society of America\Employees], page 4
- John Dezzutti, SSA Directors' Meeting The Executive Director's Report (SSA in Action) [Soaring Society of America\Directors], page 4
- SSA takes over Kolstad Award, SSA Directors' Meeting The Executive Director's Report: SSA in Action, Dezzutti, J. [Awards\Kolstad], page 4
- Al Santilli, Chosen for NSM Soaring Hall of Fame, 1980, Random Gusts (SSA in Action), page 5
- Cindy Brickner, Baro Calibration Labs (SSA in Action) [Instruments], page 5
- R. Guess, Vacation Derby Report (SSA in Action) [Soaring Society of America], page 5
- S. Short, Soaring Mail (SSA in Action) [Stamps], page 5
- Sterling Starr, Chosen for NSM Soaring Hall of Fame, 1980, Random Gusts (SSA in Action), page 5
- 100 mph Exceeded at Open Class Nationals (SSA in Action) [Competitions], page 5
- *Eiri Ky to produce PIK-20E only. Random Gusts* (SSA in Action) [*Aircraft\Flying Wing*], page 5
- Leonard McClain Elected President, Random Gusts (SSA in Action) [Affiliates, Chapters, and Clubs\Vintage Sailplane Association], page 5
- NSM Soaring Hall of Fame Chooses Al Santilli and Sterling Starr for 1980, Random Gusts (SSA in Action) [Awards; Museums and Archives], page 5
- New Technical Soaring Issue Published, Random Gusts (SSA in Action) [Literature], page 5
- SSA'er Woodson K. Woods Buys Carefree Airport, Random Gusts (SSA in Action) [Affiliates, Chapters, and Clubs], page 5
- DG-202 Refinements, Random Gusts (SSA in Action) [Sailplanes\Glaser-Dirks\DG-202], page 6
- European Championships, Winners, Random Gusts (SSA in Action) [Competitions], page 6 Mexico-to-Canada Group Flights, Random Gusts (SSA in Action) [Flight Stories], page 6
- *Ultralight Parachute System for FLAC, Random Gusts* (SSA in Action) [*Aircraft**Ultralights*], page 6

No author or title, [Construction and How-To\Homebuilder News], page 7

- Allan MacNicol, Region One Contest, 1980 (SSA in Action) [People\Dennis Galotti: Winner, 15-Meter Class; People\John Hansman: Winner, Open Class; People\Mike Opitz: Winner, Standard Class; Competitions\Regional], page 8
- C. Brairton, Region Two Contest, 1980 (SSA in Action) [People\Dick Weber: Winner, Standard Class; People\Bill Malpas: Winner, 15-Meter Class; Competitions\Regional], page 9
- Judy Lincoln, Region Nine Contest, 1980 (SSA in Action) [People\John Lincoln:Winner, Open Class; People\Bill Ordway: Winner, Standard Class; People\Woodson Woods: Winner, 15-Meter Class; Competitions\Regional], page 11
- H. Fischer, Region Eleven Contest, 1980 (SSA in Action) [People\Ross Briegleb: Winner, Open Class; People\Ray Gimmey: Winner, 15-Meter Class; People\Jim Hamilton: Winner, Sports Class; People\Klaus Auerbach: Winner, Standard Class; Competitions\Regional], page 13
- Gren Seibels, Joe Giltner, in Memoriam (SSA in Action) [People\Joe Giltner; Obituaries], page 15
- John Sager, The Oregon Trial, Region Eight Contest, 1980 (Feature Articles) [Competitions\Regional], page 16
- John Sager, Winner, 1980 Region Eight Contest Sports Class [People\Bob Avon], page 16
- John Sager, Winner, 1980 Region Eight Contest Standard Class [People\Nelson Funston], page 16
- John Sager, Winner Region Eight Contest 15-Meter Class [People\Roger Frank], page 16
- S. Hall, in Search of Vector 1 [Sailplanes\Vector 1; Construction and How-To\Flying Wing; Sailplanes\Design], page 20
- Richard Benbough, Soaring From a Controlled Airport (Feature Articles) [; Safety; Affiliates, Chapters, and Clubs], page 26
- Paul Coker, "What the Brochures Neglect to Tell You..."; cartoon [Illustrations], page 29
- Paul Coker, What the Brochures Neglect to Tell You [Illustrations\Cartoons], page 30
- Michelle Silver, Dateline: China [International/China; People/Charles Gyenes; Affiliates, Chapters, and Clubs/Sailplanes/Design], page 32
- Don Davis, The 50cents Launch (Feature Articles) [Instruction; Affiliates, Chapters, and Clubs; Safety; Economics], page 36
- Les Sebald, Batteries, Continued, Maintenance and Projects [Construction and How-To], page 40
- Les Sebald, Maintenance and Projects Batteries, Continued [Construction and How-To\Instruments], page 40
- Michelle Silver, *Think Winch* (Accent on Clubs) [Affiliates, Chapters, and Clubs; Safety], page 44
- Dick Conwell, A Whistle for the Macho Lever (Safety Corner) [Safety], page 46

No author or title, [*Federation Aeronautique Internationale*\Badge List], page 47 October

Octobel

J.V. Marcu, *PIK-20* (Covers) [Sailplanes\Pik-20]

Stephen Bollenbacher, The Leech Gun (Letters), page 2

How We Earned My Diamond in a 1-26 (Letters) [*Sailplanes**Schweizer**SGS 1-26*], page 2 *The Leech Gun* (Letters) [*Competitions*], page 2

- James Butler and Helmut Dette, *Wasserkuppe Museum* (Letters) [*Museums and Archives*], page 3
- Midget Sailplanes: Light Winches for XC Lo-100 (Letters) [Vintage Aircraft], page 3

Midget Sailplanes: Light Winches for XC? (Letters) [Aircraft], page 3

Bill Baker, Skylark Field After the Deluge (Letters), page 4

Skylark Field After the Deluge (Letters) [Affiliates, Chapters, and Clubs], page 4

Douglas Bailey, Used Sailplane Prices Updated (Letters), page 5

Used Sailplane Prices Updated (Letters) [Economics; Aircraft], page 5

John Dezzutti, Executive Director's Report (SSA in Action) [Soaring Society of

America Executive Director's Reports, page 6

- No author or title, [Soaring Society of America\SSA in Action], page 6
- 1980 Top Seeded Competition Pilots (SSA in Action) [Competitions], page 6
- Technical Soaring (SSA in Action) [Literature], page 6
- Cindy Brickner, Oshkosh '80 (SSA in Action) [Conferences and Conventions], page 7
- Wayne Woodmansee, Photo Mt. St. Helens, Mama Mia! (SSA in Action), page 7
- Mama Mia! (mammato-cumulus forms) (SSA in Action) [Meteorology], page 7
- Airworthiness Directives Blanik L-13 (SSA in Action) [Sailplanes\Blanik; Aircraft; Safety; *Federal Aviation Administration**Airspace*], page 8
- No author or title, [Construction and How-To\Homebuilder News], page 9
- Mike Koerner, Mike Koerner's FAI Diploma (SSA in Action) [Awards], page 10
- 2-22 Completed, Homebuilder News (SSA in Action) [Vintage Aircraft], page 10
- George Worthington Exceeded 100 Miles in Ultralights, Random Gusts (SSA in Action) [Awards\Records and Record Flights], page 10
- George Worthington Flys 100 Miles, Random Gusts (SSA in Action) [Aircraft\Ultralights], page 10
- Edward Williams, in Memoriam Joseph Bearden (SSA in Action) [People\Joseph Bearden; Obituaries], page 11
- Flight Tests LS-3, LS-3A, LS-3/17 (Letters) [Aerodynamics\Flight Tests], page 11
- Random Gusts, SSA in Action Develops Solar Challenger (Letters) [People\Paul Mac-Cready, Jr.], page 11
- Andrew Gordon, In Memoriam Julian Martin (SSA in Action) [Obituaries; People/Julian *Martin*], page 12
- Erica Scurr, 5th National 15-Meter Class Soaring Championships (Feature Articles) [People\Karl Striedieck: Winner; Competitions\15-Meter Class; Competitions\National], page 14
- G. Crook, 5th National 15-Meter Class Soaring Championships [Illustrations\Drawings], page 14
- Malcolm Abzug, *Turnpoint* Maneuvers (Feature Articles) [*Competitions*; *Safety**Technique*], page 22
- M. Simons, Counterpoint: The Women's Perspective (Feature Articles) [Competitions; Women], page 26
- Dale Thompson, Those who have imagination without learning have wings but no feet McMasters, J., page 32
- John McMasters, Those Who Have Imagination Without Learning Have Wings But No Feet (Feature Articles) [Aircraft; Construction and How-To\Design], page 32
- John McMasters, Those Who Have Imagination Without Learning Have Wings but No Feet [*Aerodynamics**Design*], page 32
- Tom Cooper, Flying the Sports Class (Feature Articles) [Aerodynamics\Flight Tests; *Competitions*\Sports Class; Techniques\Sports Class], page 38
- Dick Schreder, A Reply to "Separation in Metal-Skin/ Foam-Rib Bonding," Homebuilders" Hall, page 42
- Stan Hall and Richard Schreder, More on L'Affaire HP-18 Debonding/A Reply to "Separation in Metal-Skin/ Foam-Rib Bonding", Homebuilders' Hall [Construction and How-To\Homebuilders' Hall; Sailplanes\Schreder\HP-18], page 42
- Michelle Silver, Taxes, Taxes, Taxes (Accent on Clubs) [Affiliates, Chapters, and Clubs], page 44
- Robert Gaines, ed., Out of Control at Low Altitude (Safety Corner) [Safety], page 46

No author or title, [Federation Aeronautique Internationale\Badge List], page 48

November

Sandor Aldott, Standard Cirrus (Covers) [Sailplanes\Standard Cirrus] H. Gunter Helwig, RP-1 Update (Letters) [Aircraft\Ultralights], page 2 Patricia Valdata, The Women's Soaring Seminar (Letters), page 2 Women's Soaring Seminar (Letters) [Women], page 2

- George Moffat, Kit Building; the Good News and the Bad News (Letters) [Construction and How-To; Aircraft\Flying Wing; Sailplanes\Monerai], page 3
- John Dezzutti, Executive Director's Report (SSA in Action) [Soaring Society of America\Executive Director's Reports], page 6
- John Dezzutti, R-2508 Enhancement Plan, Executive Director's Report (SSA in Action) [Airspace; Federal Aviation Administration\Airspace], page 6
- 1981 International Team Announced (SSA in Action) [Competitions\World], page 6
- NSM News (National Landmark Program and Hall of Fame Inductees) (SSA in Action) [Affiliates, Chapters, and Clubs\National Soaring Museum\Landmark; People\Sterling Starr; People\Alcide Santilli; People\Ralph Barnaby; Awards\Hall of Fame], page 7
- Michael Teter, 1979 Lincoln Award Presented to Bob Grey (SSA in Action) [People\Bob Grey; Awards\Lincoln], page 9
- Manufacturer's Airworthiness Directives Libelle Manufacturer's A.D (SSA in Action) [Sailplanes\Libelle; Safety], page 9
- Mahlon Weir, in Memoriam (SSA in Action) [Obituaries; People/Mahlon Weir], page 10
- Robert Grey, Region Five South Contest, 1980 (SSA in Action) [Competitions\Regional], page 11
- Robert Grey, Winner, Region 5 South 15-Meter Class, 1980 (SSA in Action) [People\Woody Woodward], page 11
- Robert Grey, Winner, Region 5 South Open Class, 1980 (SSA in Action) [People\Billy Brown], page 11
- Robert Grey, Winner, Region 5 South Standard Class, 1980 (SSA in Action) [People\Harold Myers], page 11
- Red Dog Wright, Region Ten Contest, 1980 (SSA in Action) [People\Jerry Robertson: Winner, 15-Meter Class; People\Sherman Griffith: Winner, Open Class; People\Norm Austin: Winner, Standard Class; Competitions\Regional], pages 13-14
- 1980 Homebuilders' Workshop Report (SSA in Action) [Construction and How-To\Homebuilder News], page 16
- Homebuilt Sailplane Design Competition Rules, SSA in Action (Homebuilder News) [Aircraft\Flying Wing], page 17
- Homebuilt Sailplane Competition Rules, SSA in Action, Homebuilder News [Construction and How-To], page 17
- Jim Foreman, 47th US National Open Class Soaring Championships (Feature Articles), page 20
- Jim Foreman, The 47th US National Open Class Soaring Championships [Competitions\NationalOpen Class], page 20
- Jim Foreman, Winner, US National Open Class, Dick Butler [Competitions\Open Class], page 20
- *PIK-20E* [*Motorgliders**Pik-20E*; *Illustrations**Centerfolds*], page 30
- Soaring without tears Strachan, I. [Soaring Society of America\Vintage Sailplane Association], page 33
- I. Strachan, PIK-20E in Competition, Soaring Without Tears [Sailplanes\Pik-20e; Competitions], page 35
- Jim Foreman, Winner, US National Open Class, 1980 [People\Dick Butler], page 36
- T. Li and J. Doherty, 11th US National Standard Class Soaring Championships (Feature Articles) [Competitions\Standard Class; People\Karl Striedieck: Winner], page 36
- Steve Needham, Uncommon Men: A gallery of Standard Faces [Illustrations\Photography], page 43
- Michelle Silver, Equal Time for Aerotow (Accent on Clubs) [Affiliates, Chapters, and Clubs; Safety], page 44
- Michelle Silver, Know the Territory (Accent on Clubs) [Safety], page 44
- No author or title, [Federation Aeronautique Internationale\Badge List], page 46

December

- Tony Fusare, Soaring Sculpture by E. Schweizer (Covers) [Art]
- Ernie Schweizer, Soaring Sculpture, cover [Illustrations\Photography], page 3
- Jose-Luis Offate, Canopy Scale for Holding Tow Position (Letters), page 3
- William Bank, Remembering to Lower the Gear The French Method (Letters), page 3
- Canopy Scale for Holding Tow Position (Letters) [Instruction; Safety], page 3
- Remembering to Lower the Gear the French Method (Letters) [Safety], page 3
- Brian Utley, The President's Message (SSA in Action) [Soaring Society of America\Presidents's Reports], page 4
- John Dezzutti, Aircraft Joint Airworthiness Regulations, Executive Director's Report (SSA in Action) [Certification], page 4
- John Dezzutti, Executive Director's Report (SSA in Action) [Soaring Society of America\Executive Director's Reports], page 4
- John Dezzutti, Motorglider Study, Executive Director's Report (SSA in Action) [Aircraft\Flying Wing], page 4
- No author or title, [Soaring Society of America\SSA in Action], page 4
- People^Ben Greene, Selected for 1981 US International Team, page 7
- 1981 International Team Selection Striedieck, Karl; Butler, Dick; Greene, Ben; Gimmey, Ray [Competitions\International], page 7
- 1981 World Gliding Championships Report (SSA in Action) [Competitions\International], page 7
- Selected for 1981 US International Team [People\Dick Butler; People\Ray Gimmey; People\Karl Striedieck], page 7
- Smirnoff Donates Scott 1-35 to Team Fund (SSA in Action) [Competitions\International], page 7
- Kathy Gause, Women's Soaring Seminar (SSA in Action) [Competitions; Women], page 8
- No author or title, [Construction and How-To\Homebuilder News], page 10
- MOBA 2C, Homebuilder News (SSA in Action) [Aircraft], page 10
- I. Culver, The Extremely Easy, A "Pre-Preliminary" Design Study (SSA in Action) [Aircraft\Flying Wing; Construction and How-To], page 13
- *The Extremely Easy, a "Pre-Preliminary" Design Study* (SSA in Action) [Sailplanes\Design], page 13
- John Dezzutti, "Free Flight", by Douglas Terman (SSA in Action) [Literature\Book Review], page 14
- Possible LS-1C Safety Hazard (SSA in Action) [Sailplanes\LS-1C; Safety], page 14
- Bob Storck, VSA News (SSA in Action) [Affiliates, Chapters, and Clubs\Vintage Sailplane Association], page 15
- Jan Scott, The 1980 International Vintage Glider Rally (SSA in Action) [People\Jan Scott; Vintage Aircraft], page 15
- J. Butter, Winner, Region 6 Contest Open Class, 1980 (SSA in Action) [People\Peter Mozer], page 16
- James Butler, Region Six Contest, 1980 (SSA in Action) [Competitions\Regional], page 16
- James Butler, Winner, 1980 Region 6 Contest 15-Meter Class (SSA in Action) [People\Rudy Mozer], page 16
- James Butler, Winner, 1980 Region 6 Contest Motorglider Class (SSA in Action) [People\Tom Smith], page 16
- James Butler, 15th National 1-26 Championships [Sailplanes\Schweizer\SGS 1-26; Competitions\1-26], page 18
- James Butler, *The 15th National 1-26 Championships* (Feature Articles), page 18 *Fifteenth National 1-26 Championships Butler, J.*, page 18
- James Butler, Winner, 1980 National 1-26 Championships [People\Dave Mockler], page 20
- Bruce McGhie, *Flying a Sailplane with Hands-Only Controls* (Feature Articles), page 21 Bruce McGhie, *Flying A Sailplane with Hands-Only Controls* [Aerodynamics\Flight Tests;
- *Safety; Physiology**Medical*], page 24

- Martin Simons, A Visit to Kirkheim, Schlattstal, and Göppingen (Feature Articles) [Sailplanes\Schempp-Hirth\Ventus], page 28
- A Visit to Kirkheim, Schlattstal and Göppingen Simons, M., page 28
- Gerhard Rein, Centerfold Photo [Illustrations\Centerfolds; Sailplanes\Ventus], page 29
- Ernie Schweizer, Soaring Sculpture (Feature Articles), page 33
- James Butler, E. Schweizer [Soaring Sculpture], page 33
- Jerry Gibbs, The Golden Years of the Golden Glider [Aerodynamics; Instruction], page 33
- Jerry Gibbs, The Golden Years of the Golden Glider (Part II) (Feature Articles) [Performance\Evaluations], page 36
- Jerry Gibbs, The Golden Years of the Golden Glider [Performance\Evaluations], page 37
- Frank Sentyrz, Western Region Sports Class Contest, 1980 (SSA in Action) [Competitions\Regional], page 40
- Frank Sentyrz, Winner, 1980 Western Region Sports Class Contest (SSA in Action) [People\Kevin Wayt], page 40
- Al Leffler, Winner, 1980 Region 12 Open Class (SSA in Action), page 41
- Jim Indrebo, Winner, 1980 Region 12 15-Meter Class (SSA in Action), page 41
- Ted Clausing, Winner, 1980 Region 7 Open Class (SSA in Action), page 41
- Walt Rogers, Winner, 1980 Region 12 Standard Class (SSA in Action), page 41
- Region Seven Contest, 1980 (SSA in Action) [Competitions\Regional], page 41
- Region Twelve Contest, 1980 (SSA in Action) [Competitions\Regional], page 41
- Winner, 1980 Region Seven 15-Meter Class (SSA in Action) [People/Bud Meyer], page 41
- Winner, 1980 Region Seven Standard Class (SSA in Action) [People\Duane Eisenbeiss], page 41
- Gil Parcell, Troubled by Wind? [Safety; Illustrations\Cartoons], page 42
- Steve Powell, Stretch the Glide (Safety Corner) [Safety], page 42
- Troubled by Wind? Cartoon, Parcell, G. [Safety], page 42
- Les Sebald, A Ticking Variometer Audio Unit (Maintenance and Projects) [Construction and How-To\Instruments], page 44
- George Moffat, Creeping Mediocrity, Short Tasks, and the Nationals (Soaring to Win) [Competitions], page 46
- Creeping Mediocrity, Short Tasks, and the Nationals, Soaring to Win, Moffat, G. [Competitions\National], page 46
- No author or title, [Federation Aeronautique Internationale\Badge List], page 48