Soaring Magazine Index for 1988 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.

Advertising

Emergency Airworthiness Directive, Grob G-103 and G-103A, February, page 8

Aerobatics

Sailplanes Perform at Reno Air Races, January, page 7

Bob O'Dell, World Sailplane Aerobatic Championships, April, page 19

New Discus K, May, page 6

Dave Puckrin, World Aerobatic Competition '88, May, page 10

Aerodynamics

John Gibson, Basic Stability, January, page 4

Derek Johnson, Slips and Skids and Things, January, page 43

Derek Johnson, Turns Discussed, February, page 34

George Thelen, Soaring Safety Foundation; All Spins Are Not Equal, August, page 39

Lars Helmersson, Ailerons in a Spin, December, page 3

Flight Tests

Richard H. Johnson, A Flight Test Evaluation of the AS-H 25, May, page 34

Dr. D.A. Pubus, Discus Flight Analysis, September, page 31

Affiliates, Chapters, and Clubs

John C. Johnson, It's Over, January, page 2

Jay Moreland, Any Advice Out There?, January, page 5

Year of the Member Summary, January, page 8

R. Overlock Howe, England and its Gliderports, January, page 23

Norbert Paas, Mine Gold on the Ground & Diamonds in the Sky, January, page 32

Ray Schor, Douglas Soaring Club Begins its 35th Year, January, page 48

National Soaring Museum Announces Its 1988 Exhibit Focus, February, page 6

Dugald Steward, Manipulating the Learning Curve, February, page 40

Catherine Hehir, Requesting Help for an Existing University Club, March, page 3

Barty Bivens, Attention Libelle Pilots, March, page 4

Correction, March, page 11

Don Davis, The Future of Soaring is Now, April, page 2

Eskilstuna International Open, May, page 6

German Youth Gliding Invite, May, page 6

Club News, May, page 9

Records and Badge Camp Planned, May, page 9

Atlanta Soaring Club Goes 'Round the Bend, June, page 8

Attention University Soaring Clubs, June, page 9

Soaring on Campus, June, page 12

Charles Conway, Soaring Expo '88, Museum of Flight, June, page 21

Bob Gaines and Bob Grey, Atlanta '88, July, page 2

Glenn Schemmer, Training Camp Sparks Enthusiasm, July, page 2

Bill McClure, I Broke the \$100-a-Day Soaring Habit, July, page 23

Bob Riddle, If There's a Will, There's a Way, July, page 33

Juan Maldelbaum, Inshallah at Djebal Rassas, August, page 28

Fred C. Blair, A Dream Come True, August, page 31

Travelog; Have Glider Rating, Will Travel, October, page 41

Bob Hohanshelt, *The Odd Couple*, October, page 43

Jack Olson, Northwest Adventure, November, page 3

Sky Soaring Inc, November, page 10

William Carmody, New Club Location, December, page 2

2,000th Aero Tow Celebrated, December, page 7

Travelog, Have Glider Rating, Will Travel, December, page 19

Phil Petmecky, *Houston Soaring Association's Summer Vacation*, December, page 22 **1-26 Association**

New 1-26 Association Regional Records, June, page 8

National Soaring Museum

Landmark

The National Soaring Museum's National Landmark and You, February, page 6

SHA

Pardon, MrMerboth!, March, page 11

William Schmidt, Want Proceedings Published, November, page 5

SHA Member Reports on Test Flight of Australian Blue Wren, December, page 8 Donald Santee, SHA Western Convention and Workshops, December, page 11

VSA

First Annual Western Vintage Sailplane Regatta, May, page 8

Charles Coyne, First Annual West Coast Vintage Sailplane Regatta, October, page 36

Donald Santee, SHA Western Convention and Workshops, December, page 11

Airspace

John Good, Unjustly Accused!, February, page 3

Patricia Valdata, The Ups and Downs of a World Record, February, page 14

Larry Sanderson and Judy Lincoln, Airspace; Glider Access Denied, March, page 17

Judy Lincoln, *Perspective*, March, page 49

Jon Stark, Play By the Rules, April, page 4

Balloons First! Glider Next?, April, page 8

Hannes Linke, *Perspective*, April, page 23

Mark and Alice Palmer, Regulations Are For Everyone, May, page 2

Bill Prescott, One of Your Guys, May, page 3

Bob Park, Thanks, Paul Bikle, May, page 3

Judy Lincoln, Technical Foul, May, page 24

Mark Kennedy, "Grounded"; The SSA Responds to a Call for Action, May, page 31

George Davies, CSA Expresses an Opinion, June, page 2

Dick Ohlheiser, Adhere to the Rules, June, page 3

T. Darryl Hickey, *The Controversy Continues*, June, page 3

Robert Greenblatt, Safety Should Be Promoted, June, page 3

Arleen Coleson, Determination Procedures, June, page 3

Tony Burton, Laughable Precision, June, page 3

Bob Harris, World Record Rebuttal, June, page 3

SSA Staff, View From the Hill; How Congress Looks at NPRM 88-2, June, page 33

John A. Armor, Grey Line Harmony, July, page 16

Judy Lincoln, Notice 88-2; The Final Rule According To Boz, August, page 10

Judy Lincoln, Perspective, August, page 47

Perspective; Double Your Vote, October, page 35

Judy Lincoln, Turn On! Tune In! Drop Out!, October, page 47

Joseph Wolfe, An Answer to Management, November, page 3

Bill Sproull, Perspective, November, page 38

Tom Hardy, Any Comments?, December, page 3

Val Brain, Collision Avoidance, December, page 20

Altitude Flights

John Good, *Unjustly Accused!*, February, page 3

Patricia Valdata, The Ups and Downs of a World Record, February, page 14

Jon Stark, *Play By the Rules*, April, page 4

Larry Manofsky, Regulations Reviews, April, page 6

Mark and Alice Palmer, Regulations Are For Everyone, May, page 2

Michael Pohlig, Congratulations, Bob Harris!, May, page 3

Mike Koerner, Case Closed!, May, page 4

Jim Payne, Correction, Please!, May, page 54

George Davies, CSA Expresses an Opinion, June, page 2

Arleen Coleson, Determination Procedures, June, page 3

Dick Ohlheiser, Adhere to the Rules, June, page 3

T. Darryl Hickey, The Controversy Continues, June, page 3

Tony Burton, Laughable Precision, June, page 3

Bob Harris, World Record Rebuttal, June, page 3

Robert Greenblatt, Safety Should Be Promoted, June, page 3

Franconia Soaring Altitude Challenge, June, page 12

Team Being Formed for 65,000' Altitude Record Attempt by Motorglider, December, page 9

Awards

CIVV Approves "World" Class; Rejects FAI Statutes, June, page 10

Franconia Soaring Altitude Challenge, June, page 12

Elder Statesman of Aviation Winners Announced, October, page 8

1-26

Marshall Claybourn Memorial Award, March, page 11

Badge Flights

Edward R. Thornton, *Diamond Goal on Saturday and Trying To Catch Walker, Shaw and Baldwin on Wednesday*, February, page 36

Lori McCarron, Silver Saga, March, page 23

Records and Badge Camp Planned, May, page 9

Donald Hurd, Current Motorglider Rules, July, page 47

Gordon Glover, Fat City and Other Fantasies, October, page 25

Badges

Of Champions, Speed and Friends, July, page 13

Bernald Smith, Carl Herold, and Bertha Ryan, *Thanks For the Help*, November, page 2

Hilton Cup

The 86/87 Hilton Cup, April, page 9

Kolstad Scholarship and Awards

Kolstadt Scholarship Winner Announced, January, page 11

Ray Burns and Gordon Boettger, *A National Commitment to Soaring*, April, page 36

Kolstadt Scholarship for 1987, May, page 8

Lincoln

1987 Lincoln Award Announced by HHSC, August, page 6

OSTIV

Joachim Kuettner OSTIV Award Announced, March, page 10

Records and Record Flights

Mark and Alice Palmer, Regulations Are For Everyone, May, page 2

Michael Pohlig, Congratulations, Bob Harris!, May, page 3

Mike Koerner, Case Closed!, May, page 4

George Davies, CSA Expresses an Opinion, June, page 2

Arleen Coleson, Determination Procedures, June, page 3

Dick Ohlheiser, Adhere to the Rules, June, page 3

T. Darryl Hickey, *The Controversy Continues*, June, page 3

Robert Greenblatt, Safety Should Be Promoted, June, page 3

Bob Harris, World Record Rebuttal, June, page 3

Tony Burton, Laughable Precision, June, page 3

New 1-26 Association Regional Records, June, page 8

Symons

Symons Wave Memorial, December, page 7

- 4 - Awards

Book Reviews

New Book Reviewed, March, page 10

Voyager Manuscript Published, June, page 9

Victor Saudek, Book Review; Glider Mail, June, page 11

Wings Like Eagles; The Story of Soaring in the United States, September, page 11 Glider Mail, October, page 11

Camps

Glenn Schemmer, Training Camp Sparks Enthusiasm, July, page 2

CIVV

New "World" Class To Be Proposed, February, page 4

Jerry Finch and Stan Stoy, Interested in "World" Class?, June, page 6

CIVV Approves "World" Class; Rejects FAI Statutes, June, page 10

SSA Staff, Proposal for a New Single-Type Glider Class, November, page 46

Commercial Operations

Larry and Jane Barrett, Taking Responsibility, January, page 3

Sailplanes Perform at Reno Air Races, January, page 7

Year of the Member Summary, January, page 8

Congratulations Lenox Flight School, February, page 7

Rosalie Pryor and James Dean, Geared Up and Ready To Go in '88, April, page 4

Eric Striedieck, The Calistoga Soaring Center; 20 Years of Soaring Excellence, April, page 43

David Howard, Hats Off To Good Instructors, May, page 4

Pat Costello, FBO Free-Lance Flight Instructors Insurance, May, page 19

Soar Hawaii Entertains Special Guests, June, page 9

Trish Durbin, New Contest Site in Sight, June, page 17

Glenn Schemmer, Training Camp Sparks Enthusiasm, July, page 2

Fly in Ranches, September, page 7

Travelog; Have Glider Rating, Will Travel, October, page 41

Travelog, Have Glider Rating, Will Travel, December, page 19

Communications

Gene Hammond, Utilizing Common Sense, April, page 6

Phil Ramsden, Pre-Flight Education, June, page 4

Bob Harris, Window Information, July, page 3

New FAX Capacity, July, page 4

Competitions

Billy Hill, A Racing Summer, May, page 43

Trish Durbin, New Contest Site in Sight, June, page 17

Of Champions, Speed and Friends, July, page 13

1-26

Credit Where Credit is Due, January, page 7

Records Program Expanded, January, page 10

1-26 Association News, March, page 11

Marshall Claybourn Memorial Award, March, page 11

1-26 Champion Status Clarified, April, page 8

Lew Neyland, *Thanks! Bill Hill*, July, page 22

Gordon Glover, Fat City and Other Fantasies, October, page 25

George McManus, 1-26 Nationals, The Contestant's Tale, November, page 23

John Latson, 1-26 Nationals, The Towpilot's Tale, November, page 24

Ron Almquist, 1-26 Nationals, Another Contestant's Tale, November, page 25

Paul Sampson, 1-26 Nationals, the Retriever's Tale, November, page 25

Charlie Spratt, 1-26 Nationals, the Start Gate Officials Tale, November, page 25

International

Jim Payne, Wiener Neustadt; a Scouting Report, June, page 24

Local

Competitions

The Fortieth Annual Wright Memorial Glider Meet, August, page 8

Motorgliders

1st US. National Auxiliary Powered Sailplane Championships Scheduled, April, page 9

National

The 1987 US. National & Regional Champions, January, page 30 Bill Sproull, Perspective, November, page 38

15-Meter

Hal Lattimore, Fifteen Meter Contest Fire, June, page 4 Robert Grey, 15-Meter Nationals, September, page 17

Motorgliders

Pete Williams, The Buzzin' Dozen; The First US National Auxiliary-Powered Soaring Championships, November, page 14

Sports Class

Mark Kennedy, 4th Sports Class Nationals, September, page 24

Regional

The 1987 US. National & Regional Champions, January, page 30

Region Four South Soaring Championships, March, page 7

1987 Region 12 Soaring Contest, March, page 9

North Region 5 Black Friday, July, page 4

1988 Region Nine Championships, September, page 9

Region 11 Soaring Championships, September, page 10

The 1988 Region 1 Contest, October, page 9

1988 Region Seven Soaring Championships, November, page 10

Region 8; The Contest That Tried but Couldn't, November, page 11

Terry Michaud, A New Crew's Perspective, December, page 33

Sports Class

Barty Bivens, Attention Libelle Pilots, March, page 4

Phil Petmecky, Houston Soaring Association's Summer Vacation, December, page 22

World

Team Manager Named for 1989 Internationals, March, page 10 US Team Activities, April, page 8

Construction & How-To

F.A. Chardon, Franklin PS-2 Information, June, page 6

Carl Osojnak, Bucky, August, page 23

George Thelen, Aussie Air Show and Gliding Symposium, September, page 7

Fred Daams, A Facelift For An AS-W 12 or An Old Girl, November, page 5

Donald Santee, SHA Western Convention and Workshops, December, page 11

Conventions

SSA Attends AOPA Convention, January, page 7

Focus on Atlanta '88, February, page 5

Terry Frazier, Convention '88, May, page 13

Self-Launching Sailplane Pilot's Association Formed, June, page 8

Oskosh Air Show, June, page 8

Help Wanted!, October, page 8

William Schmidt, Want Proceedings Published, November, page 5

Donald Santee, SHA Western Convention and Workshops, December, page 11

Crewing

Trish Durbin, Soaring for Diamonds, Crewing for Peanuts, March, page 15

Terry Michaud, A New Crew's Perspective, December, page 33

FAI

Dave Puckrin, World Aerobatic Competition '88, May, page 10 CIVV Approves "World" Class; Rejects FAI Statutes, June, page 10

- 6 - FAI

Donald Hurd, Current Motorglider Rules, July, page 47

Federal Aviation Administration (FAA)

Patricia Valdata, The Ups and Downs of a World Record, February, page 14

Larry Sanderson, Perspective, Back to Basics, February, page 46

Larry Sanderson and Judy Lincoln, Airspace; Glider Access Denied, March, page 17

Judy Lincoln, Perspective, March, page 49

Larry Manofsky, Regulations Reviews, April, page 6

CFIG Clinics, April, page 8

Hannes Linke, *Perspective*, April, page 23

Paul Schweizer, Some Thoughts on Maintenance and Safety, April, page 46

Mark and Alice Palmer, Regulations Are For Everyone, May, page 2

Bob Park, Thanks, Paul Bikle, May, page 3

Mike Koerner, Case Closed!, May, page 4

Another NPRM, May, page 8

Judy Lincoln, Technical Foul, May, page 24

Mark Kennedy, "Grounded"; The SSA Responds to a Call for Action, May, page 31

George Thelen, FAA Identification Information, May, page 48

Jim Payne, Correction, Please!, May, page 54

George Davies, CSA Expresses an Opinion, June, page 2

Robert Greenblatt, Safety Should Be Promoted, June, page 3

Bob Harris, World Record Rebuttal, June, page 3

Arleen Coleson, Determination Procedures, June, page 3

Tony Burton, Laughable Precision, June, page 3

Dick Ohlheiser, Adhere to the Rules, June, page 3

T. Darryl Hickey, The Controversy Continues, June, page 3

ID Info, June, page 10

SSA Staff, View From the Hill; How Congress Looks at NPRM 88-2, June, page 33

Judy Lincoln, Notice 88-2; The Final Rule According To Boz, August, page 10

Judy Lincoln, *Perspective*, August, page 47

Perspective; Double Your Vote, October, page 35

Bill Sproull, Perspective, November, page 38

John Joss, More on Mode C, December, page 2

Jack Fletcher, Should FAA Toughen Up Its Act?, December, page 6

Val Brain, Collision Avoidance, December, page 20

Flying Wing

What is TWITT?, November, page 10

History

Gren Seibels, Red Wright Remembers, January, page 26

Paul Schweizer, Olympics and the SSA, January, page 36

Ray Schor, Douglas Soaring Club Begins its 35th Year, January, page 48

National Soaring Museum Announces Its 1988 Exhibit Focus, February, page 6

The National Soaring Museum's National Landmark and You, February, page 6

15th Internationale Segelflug Oltimer-Rallye, February, page 8

Gren Seibels, Red Wright Remembers, Part II, February, page 17

William Malpas, An Open Letter to Paul Schweizer, March, page 2

Paul Schweizer, An Informative Response, March, page 2

Correction, March, page 11

Robert J. Welliever, *The Dowager Queen*, March, page 12

Gren Seibels, Red Wright Remembers, Part III, March, page 39

Lou Rehr, *History Repeats Itself*, April, page 2

Jimmy Kramer, Old #43 Still Going Strong, April, page 3

Walter Setz, SSA and the Olympics, April, page 5

Pete Williams, Is There a SLHPS in Your Future?, April, page 24

Eskilstuna International Open, May, page 6

- 7 - History

Norman Benedict, Future Aerial Towing, June, page 6

Victor Saudek, Book Review; Glider Mail, June, page 11

Over 1,000 Visit Opening of NSM's 1988 Exhibit, August, page 5

Walter Snell, As I Remember, August, page 15

Carl Osojnak, *Bucky*, August, page 23

Wings Like Eagles; The Story of Soaring in the United States, September, page 11

Don Barnard, I Remember When, September, page 36

Charles Coyne, First Annual West Coast Vintage Sailplane Regatta, October, page 36

Paul Schweizer, Olympics and the SSA, November, page 43

Charles Franklin, The Uncle Wally Stories, November, page 47

Homebuilts & Homebuilding

Pardon, MrMerboth!, March, page 11

Carl Osojnak, Bucky, August, page 23

William Schmidt, Want Proceedings Published, November, page 5

SHA Member Reports on Test Flight of Australian Blue Wren, December, page 8

Donald Santee, SHA Western Convention and Workshops, December, page 11

Humor

Bob Whelan, Great Moments in History, April, page 10

Bob Hohanshelt, The Odd Couple, October, page 43

George McManus, Shakespeare Revisited, December, page 2

New Threat to Fiberglass Sailplanes, December, page 9

Gary Kemp, *The MAD Pilot*, December, page 15

Illustration

Jack Olson, Vintage Glider over City, January, page 4

Steve Hines, Minimoa on Tow, January, page 5

Steve Hines, Cockpit Illustration, January, page 12

Bob Whelan, Great Moments in History, April, page 10

Harry Miltner, David C, May, page 21

Richard H. Johnson, A Flight Test Evaluation of the AS-H 25, May, page 34

Jack Olson, Watercolor, St. Ignatius, June, cover

Harry V. Senn, Do Thermals Rotate?, June, page 42

Instruction

Jerome Layton, Simplification Please!, January, page 5

Gene Hammond, *Preflight Duties*, January, page 44

Gordon Casamajor, Amen! Tom Cooper, February, page 2

Len Yerger, You're Never Too Old!, February, page 3

Congratulations Lenox Flight School, February, page 7

Derek Johnson, Turns Discussed, February, page 34

Robert Morse, Looking for an Honest Man, March, page 3

Robert J. Welliever, *The Dowager Queen*, March, page 12

Steve Sampson, Request for Higher Safety Standards, April, page 2

Anne Neilsen, A Concerned Instructor, April, page 4

CFIG Clinics, April, page 8

Andy Holoubek, *The Back Seat Perspective*, April, page 15

Ray Burns and Gordon Boettger, A National Commitment to Soaring, April, page 36

David Howard, Hats Off To Good Instructors, May, page 4

J.S. Fennig, An Opposing View, June, page 7

Norma Ravnsborg, Encourage Youth to Soar, If Your Dare, June, page 27

Rob Hamilton, My First Solo, Owl Canyon Sailplane Youth Camp, June, page 28

Glenn Schemmer, Training Camp Sparks Enthusiasm, July, page 2

Vince Hinds, NSF Scout Jamboree, July, page 14

Fred C. Blair, A Dream Come True, August, page 31

Robin Mayr, Keep the Dream Alive, October, page 28

George Thelen, Low Time Pilots, Low Price Sailplanes, October, page 45

- 8 - Instruction

Instrumentation

Ann Neilsen, Back to Basics, January, page 3

Judy Lincoln, Technical Foul, May, page 24

George Thelen, Human Emergency Locator Transmitter Can Save Lives, May, page 42

Billy Hill, A Racing Summer, May, page 43

Arleen Coleson, Determination Procedures, June, page 3

Tony Burton, Laughable Precision, June, page 3

Harry V. Senn, Do Thermals Rotate?, June, page 42

Jack Greene, A Simple Little Tube with a Hole at One End, August, page 33

George Thelen, Aussie Air Show and Gliding Symposium, September, page 7

John Firth, Thank You, Jack Greene, December, page 2

John Joss, More on Mode C, December, page 2

Tom Hardy, Any Comments?, December, page 3

Insurance

Pat Costello, Insurance, Will It Be There When Needed?, April, page 32

International

R. Overlock Howe, England and its Gliderports, January, page 23

Norbert Paas, Mine Gold on the Ground & Diamonds in the Sky, January, page 32

New "World" Class To Be Proposed, February, page 4

15th Internationale Segelflug Oltimer-Rallye, February, page 8

Dugald Steward, Manipulating the Learning Curve, February, page 40

Catherine Hehir, Requesting Help for an Existing University Club, March, page 3

Michael L. Shakman, Learning Mountain Flying in the French Alps, March, page 45

Bob O'Dell, World Sailplane Aerobatic Championships, April, page 19

Ray Burns and Gordon Boettger, A National Commitment to Soaring, April, page 36

Eskilstuna International Open, May, page 6

Dave Puckrin, World Aerobatic Competition '88, May, page 10

Jerry Finch and Stan Stoy, Interested in "World" Class?, June, page 6

Self-Launching Sailplane Pilot's Association Formed, June, page 8

Soaring's Contribution to the Wasserkuppe Museum, June, page 9

CIVV Approves "World" Class; Rejects FAI Statutes, June, page 10

Jim Payne, Wiener Neustadt; a Scouting Report, June, page 24

SSA Technical Board Role, World Class Sailplane Concept, July, page 6

Larry Sanderson, The 3rd Hitachi Masters of Soaring; a Story of People, July, page 7

Judy Lincoln, That's What Friends Are For, July, page 12

Of Champions, Speed and Friends, July, page 13

Bob Riddle, If There's a Will, There's a Way, July, page 33

Juan Maldelbaum, Inshallah at Djebal Rassas, August, page 28

XXI OSTIV Congress, September, page 8

Howard Burr, The New Zealand Glider Homestay Experience, October, page 32

Launching

Derek Johnson, One Man's View From the Back Seat, January, page 40

Don Davis, *The Future of Soaring is Now*, April, page 2

Lou Rehr, *History Repeats Itself*, April, page 2

Les Sebald, New Rope Vendor, July, page 2

Aerotowing

George Thelen, Radio Required, February, page 47

Phil Petmecky, Rudder Wag a Standard Signal?, April, page 5

Towing

Bill Bartell, *Apologies! Apologies!*, January, page 3

Phil Petmecky, More on Basic Communication, January, page 3

Ann Neilsen, Back to Basics, January, page 3

Sailplanes Perform at Reno Air Races, January, page 7

Norman S. Benedict, New Study Being Formed, March, page 3

- 9 - Launching

Gene Hammond, Utilizing Common Sense, April, page 6

Dan Gudgel, Emergency Situation; Double Release Failure, Landing-On-Tow, May, page 29

Norman Benedict, Future Aerial Towing, June, page 6

Dan Dreeben, Another Safety Idea, July, page 3

George Thelen, Tow Ropes, August, page 44

Tom Elmore, Confusion Explained, November, page 2

Charles Franklin, The Uncle Wally Stories, November, page 47

2,000th Aero Tow Celebrated, December, page 7

Winches

Bill Hill, Soaring the West Slope, January, page 16

Bob Riddle, If There's a Will, There's a Way, July, page 33

The George Hurst Level Winder, July, page 46

Literature

Donald Edam, Up There (Poem), April, page 4

1987 Lincoln Award Announced by HHSC, August, page 6

Terry Hurley, The Old Man and the Sky, August, page 25

Craig Shaber, *Ode To a Dream*, September, page 41

R.D. Whipple, Silent Wings, September, page 44

Robin Mayr, Keep the Dream Alive, October, page 28

George McManus, Shakespeare Revisited, December, page 2

Robert Welliever, The Kid, December, page 45

Maintenance and Improvements

Phil Petmecky, An Enclosure Disclosure, April, page 6

Paul Schweizer, Some Thoughts on Maintenance and Safety, April, page 46

Dan Pierson, Attention Diamant Owners, May, page 5

Les Sebald, New Rope Vendor, July, page 2

Charge Your Batteries with Sunshine, October, page 49

Meteorology

Bruce Jackson, Hoping for Restoration of Vital Program, May, page 2

Harry V. Senn, Do Thermals Rotate?, June, page 42

George Thelen, Aussie Air Show and Gliding Symposium, September, page 7

Thermals

Hans Tormolen, What Are Thermals? The Hans Tormolen Theory, July, page 40

Motorgliders

National Soaring Museum Announces Its 1988 Exhibit Focus, February, page 6

Aubrey Lieberman, Sea Breeze Soaring, February, page 13

Pete Williams, Is There a SLHPS in Your Future?, April, page 24

J.C. Treager, Limbach Engine Alert, June, page 6

Self-Launching Sailplane Pilot's Association Formed, June, page 8

CIVV Approves "World" Class; Rejects FAI Statutes, June, page 10

Donald Hurd, Current Motorglider Rules, July, page 47

Over 1,000 Visit Opening of NSM's 1988 Exhibit, August, page 5

Self-Launching Sailplane Pilot's Association Update, August, page 6

Breakthrough in Self-Launching Sailplane Technology Announced, August, page 7

Carl Osojnak, Bucky, August, page 23

SLSPA; a Growing Organization, September, page 7

Alex Strojnik, Si Siamo Pronti!, November, page 4

SHA Member Reports on Test Flight of Australian Blue Wren, December, page 8

Schempp-Hirth Turbo-Family Completed, December, page 8

Team Being Formed for 65,000' Altitude Record Attempt by Motorglider, December,

Donald Santee, SHA Western Convention and Workshops, December, page 11

John Reinhardt, The Story of the HB-23 Hobbyliner, December, page 41

- 10 - Motorgliders

Grob 109b

Yvonne Sanderson, Grob 109-B over the Statue of Liberty, January, cover

Museums

Paul Schweizer, Olympics and the SSA, January, page 36

National Soaring Museum Announces Its 1988 Exhibit Focus, February, page 6

William Malpas, An Open Letter to Paul Schweizer, March, page 2

Paul Schweizer, An Informative Response, March, page 2

Charles Conway, Soaring Expo '88, Museum of Flight, June, page 21

Over 1,000 Visit Opening of NSM's 1988 Exhibit, August, page 5

1987 Lincoln Award Announced by HHSC, August, page 6

William Gallagher, NSM Breaks Ground for New 12,000 Square Foot Expansion, October, page 39

Paul Schweizer, Olympics and the SSA, November, page 43

Obituaries

In Memoriam; Galen Asher, March, page 10

Dutch Pilot Dies; Kees Musters, March, page 11

In Memoriam; John Carver, April, page 8

In Memoriam; Larry Lachina, May, page 6

Harry Miltner, David C, May, page 21

In Memoriam; Mark Devereaux, June, page 8

In Memoriam; Walter W. Bogie, August, page 7

In Memoriam; Alden G. Wilson, August, page 8

In Memoriam; Virginia Loeb, September, page 7

In Memoriam; Melvin Heter, September, page 7

In Memoriam; Ray Schor, October, page 9

In Memoriam; Pete Espenlaub, December, page 7

OSTIV

What is OSTIV?, January, page 7

New "World" Class To Be Proposed, February, page 4

Technical Soaring, May, page 7

CIVV Approves "World" Class; Rejects FAI Statutes, June, page 10

XXI OSTIV Congress, September, page 8

Bill Sproull, *Perspective*, November, page 38

Parachutes

Deborah Blackmon, Attention Owners of Pioneer Chutes, April, page 3

George Thelen, Security Parachute Update, July, page 4

George Thelen, Security 350 Replacement, July, page 6

Alternate Means of Compliance, August, page 8

Installation of Laminated Kevlar Bands on Phantom Round Reserves, August, page 8

Philosophy of Soaring

Larry and Jane Barrett, Taking Responsibility, January, page 3

Derek Johnson, One Man's View From the Back Seat, January, page 40

Richard H. Payson, A Letter to my Brother Hal, February, page 33

Donald Edam, Up There (Poem), April, page 4

Billy Hill, A Racing Summer, May, page 43

James Dean, Appropriate Training, June, page 7

J.S. Fennig, An Opposing View, June, page 7

Alan Meyer, *Ready To Fly*, July, page 36

Andy Holoubek, Sunday Prelude, July, page 42

Robert Welliever, Thanks, Nellie, July, page 44

Robert Welliever, The Kid, December, page 45

Physiology

Medical Condition

Robert W. Weien, Soaring Safety, An Alternative View, March, page 33

- 11 - Physiology

Another NPRM, May, page 8

Gary Kemp, Fatigue and Decision Making, May, page 28

George Thelen, Human Emergency Locator Transmitter Can Save Lives, May, page 42

Billy Hill, A Racing Summer, May, page 43

CIVV Approves "World" Class; Rejects FAI Statutes, June, page 10

Pilot Reports

Marianne at Minden, March, page 6

Richard H. Johnson, A Flight Test Evaluation of the AS-H 25, May, page 34

Radios

George Thelen, Radio Required, February, page 47

Gene Hammond, Utilizing Common Sense, April, page 6

Phil Ramsden, Pre-Flight Education, June, page 4

Judy Lincoln, Turn On! Tune In! Drop Out!, October, page 47

Records and Record Flights

Records Program Expanded, January, page 10

Patricia Valdata, The Ups and Downs of a World Record, February, page 14

Team Being Formed for 65,000' Altitude Record Attempt by Motorglider, December, page 9

Safety

Bill Bartell, Apologies! Apologies!, January, page 3

Larry and Jane Barrett, Taking Responsibility, January, page 3

Phil Petmecky, More on Basic Communication, January, page 3

Ann Neilsen, Back to Basics, January, page 3

Derek Johnson, Slips and Skids and Things, January, page 43

Gene Hammond, Preflight Duties, January, page 44

Charlie Stanton, Getting Caught on Top, February, page 2

George Thelen, Radio Required, February, page 47

George Thelen, Thank You Soaring Safety Foundation, March, page 6

Robert W. Weien, Soaring Safety, An Alternative View, March, page 33

George Thelen, IFR Interstate Flight Rules, March, page 48

Steve Sampson, Request for Higher Safety Standards, April, page 2

Deborah Blackmon, Attention Owners of Pioneer Chutes, April, page 3

Jon Stark, *Play By the Rules*, April, page 4

Phil Petmecky, Rudder Wag a Standard Signal?, April, page 5

Larry Manofsky, Regulations Reviews, April, page 6

Gene Hammond, Utilizing Common Sense, April, page 6

Paul Schweizer, Some Thoughts on Maintenance and Safety, April, page 46

George Thelen, The Ground Effect Trap, April, page 49

Fred Fourcher, A Clearer Message, May, page 2

Bill Prescott, One of Your Guys, May, page 3

Gary Kemp, Fatigue and Decision Making, May, page 28

Dan Gudgel, Emergency Situation; Double Release Failure, Landing-On-Tow, May, page 29

George Thelen, Human Emergency Locator Transmitter Can Save Lives, May, page 42

George Thelen, FAA Identification Information, May, page 48

George Davies, CSA Expresses an Opinion, June, page 2

Arleen Coleson, Determination Procedures, June, page 3

Bob Harris, World Record Rebuttal, June, page 3

Robert Greenblatt, Safety Should Be Promoted, June, page 3

Dick Ohlheiser, Adhere to the Rules, June, page 3

Tony Burton, Laughable Precision, June, page 3

T. Darryl Hickey, *The Controversy Continues*, June, page 3

Phil Ramsden, Pre-Flight Education, June, page 4

- 12 - Safety

Paul Lindgren, Cockpit Safety?, June, page 4

Fletcher Platt, Emphasize Safety, June, page 5

J.C. Treager, Limbach Engine Alert, June, page 6

Richard Sager, More Details, Please, June, page 7

James Dean, Appropriate Training, June, page 7

George Thelen, Letter From Paul Elliott, June, page 47

Phil Petmecky, Attention Blanik Owners, July, page 3

Dan Dreeben, Another Safety Idea, July, page 3

George Thelen, Security Parachute Update, July, page 4

George Thelen, Security 350 Replacement, July, page 6

John A. Armor, Grey Line Harmony, July, page 16

W.C. Bryan, Some Thoughts on Landing, July, page 49

George Thelen, Soaring Safety Foundation; All Spins Are Not Equal, August, page 39

George Thelen, Tow Ropes, August, page 44

George Thelen, Aussie Air Show and Gliding Symposium, September, page 7

George Thelen, Limits, September, page 48

Val Brain, Visibility Blackout, October, page 22

George Thelen, Low Time Pilots, Low Price Sailplanes, October, page 45

Bob Janco, Hot Seat Explained, November, page 2

Joseph Wolfe, An Answer to Management, November, page 3

George Thelen, Is Your Gear Too Near?, November, page 41

Phil Petmecky, Making a Better Impression, December, page 3

David Andrews, Safety Conscious, December, page 4

Val Brain, Collision Avoidance, December, page 20

Accidents/Incidents

North Region 5 Black Friday, July, page 4

Clem Bowman, Anatomy of a Crash, October, page 13

Sailplane Accessories

Phil Petmecky, An Enclosure Disclosure, April, page 6

Pilot's Cushion Absorbs 97% of Shock and Molds to Body, June, page 20

Les Sebald, New Rope Vendor, July, page 2

George Thelen, Security Parachute Update, July, page 4

The George Hurst Level Winder, July, page 46

George Thelen, Tow Ropes, August, page 44

New Products; Wing Sticks, August, page 45

Sailplane Design

Derek Johnson, One Man's View From the Back Seat, January, page 40

Another New Ship Flown, February, page 4

New Ship Flown, February, page 4

National Soaring Museum Announces Its 1988 Exhibit Focus, February, page 6

Marianne at Minden, March, page 6

Robert J. Welliever, *The Dowager Queen*, March, page 12

Robert W. Weien, Soaring Safety, An Alternative View, March, page 33

New Discus K, May, page 6

Maiden Flight Announced, May, page 7

Paul Lindgren, Cockpit Safety?, June, page 4

SSA Technical Board Role, World Class Sailplane Concept, July, page 6

Over 1,000 Visit Opening of NSM's 1988 Exhibit, August, page 5

Breakthrough in Self-Launching Sailplane Technology Announced, August, page 7

George Thelen, Aussie Air Show and Gliding Symposium, September, page 7

Val Brain, Visibility Blackout, October, page 22

George Thelen, Low Time Pilots, Low Price Sailplanes, October, page 45

What is TWITT?, November, page 10

SSA Staff, Proposal for a New Single-Type Glider Class, November, page 46

David Andrews, Safety Conscious, December, page 4 SHA Member Reports on Test Flight of Australian Blue Wren, December, page 8 Schempp-Hirth Turbo-Family Completed, December, page 8 John Reinhardt, The Story of the HB-23 Hobbyliner, December, page 41 Sailplanes Blanik Phil Petmecky, Attention Blanik Owners, July, page 3 Centrair Marianne at Minden, March, page 6 Design Peter F. Selinger, Standard Twins, April, page 40 **Diamant** Dan Pierson, Attention Diamant Owners, May, page 5 Franklin PS-2 F.A. Chardon, Franklin PS-2 Information, June, page 6 Glaser-Dirks Maiden Flight Announced, May, page 7 **Grob G-103** Emergency Airworthiness Directive, Grob G-103 and G-103A, February, page 8 Lark Nancy Blank, Lark Over El Paso, December, cover Libelle Barty Bivens, Attention Libelle Pilots, March, page 4 Rolladen-Schneider LS-4 Glen D. Stone, Duffy and his LS-4, June, page 13 LS-7 Another New Ship Flown, February, page 4 Schempp-Hirth Schempp-Hirth Turbo-Family Completed, December, page 8 **Discus** New Discus K, May, page 6 Dr. D.A. Pubus, *Discus Flight Analysis*, September, page 31 Bill Patterson, Discus Over Colorado Autumn Colors, November, cover Nimbus 2B Correction, March, page 6 **Ventus CM** Breakthrough in Self-Launching Sailplane Technology Announced, August, Schleicher **AS-H 25** Richard H. Johnson, A Flight Test Evaluation of the AS-H 25, May, page 34 **AS-W 24** New Ship Flown, February, page 4 Schweizer **SGS 1-26** Credit Where Credit is Due, January, page 7 Records Program Expanded, January, page 10 Marshall Claybourn Memorial Award, March, page 11 1-26 Association News, March, page 11 1-26 Champion Status Clarified, April, page 8 New 1-26 Association Regional Records, June, page 8

Lew Neyland, *Thanks! Bill Hill*, July, page 22 Chuck Lohre, *1-26 in Sunset*, October, cover

- 14 - Sailplanes

Gordon Glover, Fat City and Other Fantasies, October, page 25

George McManus, 1-26 Nationals, The Contestant's Tale, November, page 23

John Latson, 1-26 Nationals, The Towpilot's Tale, November, page 24

Paul Sampson, 1-26 Nationals, the Retriever's Tale, November, page 25

Charlie Spratt, 1-26 Nationals, the Start Gate Officials Tale, November, page 25

Ron Almquist, 1-26 Nationals, Another Contestant's Tale, November, page 25

Kareem Fahmi, A Little 1-26 Named Snoopy, December, page 39

SGS 2-33

Richard Thornton, Schweizer 2-33 Prepared For Takoff at Skylark North, September, cover

Sites

Torrey Pines, California

The National Soaring Museum's National Landmark and You, February, page 6

Soaring Society of America

What is OSTIV?, January, page 7

SSA Attends AOPA Convention, January, page 7

Year of the Member Summary, January, page 8

Associate Membership, January, page 11

Hilton, Soaring, the Olympics and Honors, January, page 12

Steve Maier, Dreams Do Come True, January, page 14

Paul Schweizer, Olympics and the SSA, January, page 36

Directory of Soaring Sites and Organizations, February, page 6

SSA Staff, Annual Report, Fiscal Year Ended October 31, 1987, February, page 9

Larry Sanderson and Judy Lincoln, Airspace; Glider Access Denied, March, page 17

Rosalie Pryor and James Dean, Geared Up and Ready To Go in '88, April, page 4

Phil Petmecky, Rudder Wag a Standard Signal?, April, page 5

Walter Setz, SSA and the Olympics, April, page 5

Hannes Linke, *Perspective*, April, page 23

Technical Soaring, May, page 7

Another NPRM, May, page 8

Club News, May, page 9

Terry Frazier, Convention '88, May, page 13

Oshkosh Air Show, June, page 8

New Division of SSA; Women Soaring Pilot's Association, June, page 11

SSA Staff, View From the Hill; How Congress Looks at NPRM 88-2, June, page 33

New FAX Capacity, July, page 4

SSA Technical Board Role, World Class Sailplane Concept, July, page 6

Patricia Valdata, Women Soaring Pilots Association, July, page 38

Self-Launching Sailplane Pilot's Association Update, August, page 6

Judy Lincoln, *Perspective*, August, page 47

SLSPA; a Growing Organization, September, page 7

Bill Sproull, *Perspective*, September, page 40

Sweepstakes Drawing, October, page 11

Perspective; Double Your Vote, October, page 35

Paul Schweizer, Olympics and the SSA, November, page 43

Directors

SSA Directors Election Results, January, page 11

Directors-At-Large for 1988, January, page 11

Bill Sproull, *Perspective*, January, page 49

Mark Kennedy, "Grounded"; The SSA Responds to a Call for Action, May, page 31

William C. Sproull, *Perspective*, May, page 41

Bill Sproull, Perspective, Growth and the Future of Soaring, June, page 46

Call For Nominations for SSA Board of Directors, July, page 5

Candidates for Regional Director, November, page 6

Bill Sproull, Perspective, November, page 38

Bob Harris, *Perspective*, December, page 48

President

Meet Our New President, January, page 11

President's Report

Larry Sanderson, Perspective, Back to Basics, February, page 46

Larry Sanderson, *The 3rd Hitachi Masters of Soaring; a Story of People*, July, page 7

Soaring Magazine

Jerome Layton, Simplification Please!, January, page 5

Credit Where Credit is Due, January, page 7

Year of the Member Summary, January, page 8

Focus on Atlanta '88, February, page 5

Attention Photographers, February, page 5

Our Apologies, February, page 8

Larry Sanderson, Perspective, Back to Basics, February, page 46

Bob Harris, More Encouragement, March, page 4

A Helpful Idea!, March, page 11

1-26 Champion Status Clarified, April, page 8

Jack Ferguson, Interesting Explanation, May, page 3

Bill Prescott, One of Your Guys, May, page 3

Jack Fletcher, Simple Language, Please, June, page 4

Fletcher Platt, Emphasize Safety, June, page 5

Peter Mazur, Some Variety Requested, June, page 5

Richard Sager, More Details, Please, June, page 7

Soaring's Contribution to the Wasserkuppe Museum, June, page 9

We Appreciate Your Advice, June, page 10

Warren Dion, Our Apologies, July, page 3

Dan Dreeben, Another Safety Idea, July, page 3

Subscription Rate Increase, July, page 6

Lew Neyland, Thanks! Bill Hill, July, page 22

Mark Kennedy, Perspective, Soaring Magazine, July, page 45

Apologies to the British, October, page 11

Bill Sproull, Perspective, November, page 38

Techniques

Bill St. Clair, A Leech's Story, February, page 22

Cloud Flying

Charlie Stanton, Getting Caught on Top, February, page 2

Fred Fourcher, A Clearer Message, May, page 2

Norman Benedict, Future Aerial Towing, June, page 6

Cross Country Soaring

Gordon Casamajor, Amen! Tom Cooper, February, page 2

Edward R. Thornton, Diamond Goal on Saturday and Trying To Catch Walker, Shaw and Baldwin on Wednesday, February, page 36

Dugald Steward, Manipulating the Learning Curve, February, page 40

Joachim Kuettner OSTIV Award Announced, March, page 10

Marshall Claybourn Memorial Award, March, page 11

David A. Woods, *High Sierra Outlanding*, March, page 21

Lori McCarron, Silver Saga, March, page 23

Terry Frazier, The Winston Challenge; Soar America, April, page 29

Bob Michener, Soaring Safaris in Colorado?, June, page 4

- 16 - Techniques

Jan Driessen, Why Soar Montague, August, page 19

George Thelen, Aussie Air Show and Gliding Symposium, September, page 7

Joseph Jagr, The Last Black Forest Adventure, September, page 13

Terry Frazier, The Eagle Has Landed; Confessions of a PR Pilot, September, page 20

David Woods, Lap Races, Tehachapi, September, page 39

Terry Frazier, The Eagle Has Landed; Confessions of a PR Pilot, Part II, October, page 15

Jack Olson, Northwest Adventure, November, page 3

Peter Reidel, Perestroika and a Soaring Dream, November, page 33

Gary Kemp, *The MAD Pilot*, December, page 15

Phil Petmecky, Houston Soaring Association's Summer Vacation, December, page 22

Ridge Soaring

Michael L. Shakman, Learning Mountain Flying in the French Alps, March, page 45

George Thelen, Limits, September, page 48

Thermals

Hans Tormolen, What Are Thermals? The Hans Tormolen Theory, July, page 40

Thermals and Thermaling

Harry V. Senn, *Do Thermals Rotate?*, June, page 42

Wave Flying

Bill Hill, Soaring the West Slope, January, page 16

Jim Payne, Correction, Please!, May, page 54

Bob Harris, Window Information, July, page 3

Symons Wave Memorial, December, page 7

Rick Leffingwell, It's All Relative, December, page 34

Theory of Soaring Flight

Harry V. Senn, *Do Thermals Rotate?*, June, page 42

Warren Dion, Precious Energy, July, page 2

Bob Walker, Do-It-Yourself Glide Calculations, July, page 20

Equations Corrected, August, page 9

Jack Greene, A Simple Little Tube with a Hole at One End, August, page 33

Bob Walker, Do-It-Yourself Glide Calculations, December, page 25

Vintage Aircraft

R. Overlock Howe, England and its Gliderports, January, page 23

15th Internationale Segelflug Oltimer-Rallye, February, page 8

Paul Schweizer, An Informative Response, March, page 2

William Malpas, An Open Letter to Paul Schweizer, March, page 2

New Book Reviewed, March, page 10

Robert J. Welliever, The Dowager Queen, March, page 12

First Annual Western Vintage Sailplane Regatta, May, page 8

F.A. Chardon, Franklin PS-2 Information, June, page 6

Charles Coyne, First Annual West Coast Vintage Sailplane Regatta, October, page 36

Women

CIVV Approves "World" Class; Rejects FAI Statutes, June, page 10

New Division of SSA; Women Soaring Pilot's Association, June, page 11

10th Annual Women's Soaring Seminar, July, page 6

Patricia Valdata, Women Soaring Pilots Association, July, page 38

Robert Welliever, *Thanks*, *Nellie*, July, page 44

Youth

Jay Moreland, Any Advice Out There?, January, page 5

Jerome Layton, Simplification Please!, January, page 5

Kolstadt Scholarship Winner Announced, January, page 11

- 17 - Youth

Derek Johnson, One Man's View From the Back Seat, January, page 40

National Soaring Museum Announces Its 1988 Exhibit Focus, February, page 6

Danny Inskeep, You're Never Too Young, May, page 4

German Youth Gliding Invite, May, page 6

Kolstadt Scholarship for 1987, May, page 8

CIVV Approves "World" Class; Rejects FAI Statutes, June, page 10

Soaring on Campus, June, page 12

Norma Ravnsborg, Encourage Youth to Soar, If Your Dare, June, page 27

Rob Hamilton, My First Solo, Owl Canyon Sailplane Youth Camp, June, page 28

Vince Hinds, NSF Scout Jamboree, July, page 14

Over 1,000 Visit Opening of NSM's 1988 Exhibit, August, page 5

1988 Region Nine Championships, September, page 9

Dean Ginther, Early Impressions, December, page 6

Kareem Fahmi, A Little 1-26 Named Snoopy, December, page 39

No subject

Vince Miller, Sailplane Over Wester Cascades in Washington, February, cover

Fred Foucher, Point of View, April, Covers

Gary Barnett, Sailplane in Field of Flowers, May, cover

Bill McElwee, Holy Mountain, June, page 40

Chris Woods, Gabriel Chenevoy of France in Flight, July, cover

Craig West, In Flight Over San Francisco Bay, August, cover

F.P. Bundy, Flight No. 7000, November, page 20