Soaring Magazine Index for 1985 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.

AD's

George Thelen, An AD on Language, February, page 8

George Thelen, An AD on Air Filters, March, page 13

George Thelen, An AD on LS-4s, April, page 8

George Thelen, Towplane Brake AD, April, page 9

George Thelen, AD's and Tech Bulletins, June, page 12

An AD on Slingsby T53B's, September, page 115

George Thelen, Two Grob 109 AD's, December, page 4

Aerobatics

Lee Kuhlke, School's The Place To Get Prepared, February, page 2

Dave Runyan, A Basic Sailplane Aerobatics Course, February, page 32

Les Horvath, Acro Pilots, Unite!, June, page 2

Sailplane Acro Update: National Contest Tasks Set, August, page 40

Aerodynamics

Deiter Althaus, Improving The Performance of The Astir Family Wings, February, page 24

Francisco Galvao, Trying To Solve The Frigate Bird Puzzle, March, page 3

Barry Schiff, The Good, Old-Fashioned Slip, April, page 36

Dick Larsen, On Wax and Speed, May, page 4

Stan Hall, How's This For a Motorglider?, May, page 20

Richard H. Johnson, Turbulators: a Key To Performance Improvement?, May, page 42

Warren Richardson, More on Frigate Birds, June, page 3

Bob Michener, Wax and The Single Seater, July, page 4

Stan Hall, Fat Wings Have Their Uses, July, page 6

Wilhelm Dirks, A Designer Comments, August, page 2

Robert Janco, Harness Those Pesky Bugs!, November, page 3

On Turbulator Blowholes, November, page 21

Flight Tests

Richard H. Johnson, *Johnson on CG*, January, page 27

George Thelen, An Unspinnable Wing?, February, page 11

Phil Campbell, A 40/1 LS-4, March, page 2

Richard H. Johnson, A Flight Test Evaluation of an LS-4, Part II, March, page 28

Barry Schiff, Effect of Subsidence on Sailplane Flight Testing, March, page 44

Richard H. Johnson, A Flight Test Evaluation of the DG-101G, May, page 14

Richard H. Johnson, A Flight Test Evaluation of the AS-K 21, July, page 16

Richard H. Johnson, A Flight Test Evaluation of the DG-300, August, page 14

Affiliates, Chapters, and Clubs

Jim Foreman, How's Your Club Doing, Financially, January, page 44

Bernald S. Smith and George Thelen, Safety is in Your Hands, February, page 9

Jim Foreman, Glass Ships For Clubs, February, page 47

Bob Wander, Save The Baby!, March, page 4

Jim Foreman, The Great Training Hassle, March, page 46

John Phelan, Oops, We Goofed!, April, page 3

Edward Hindman, Have Winch, Will Travel!, April, page 32

And the Beat goes on, May, page 12

Jim Foreman, Whatever Happened To Old What's his Name?, June, page 44

When They Win in Texas, They Win Big!, July, page 10

Texas Soaring Association is Alive And Thriving At Age 38!, August, page 4

Marvin Uphaus, Try It, You'll Like It!, October, page 4

Frauke Elber, Attn: Military Pilots, November, page 3

John Campbell, Collegiate Games?, December, page 2

Edward Knight, Hard Water Has Its Uses, December, page 3

Civil Air Patrol

CAP Solos 23 Cadets, January, page 17

George Thelen, AD's and Tech Bulletins, June, page 12

National Soaring Museum

Landmark

Soaring Museum Dedicates Third National Landmark, October, page 37

SHA

Welcome a Newcomer, January, page 35

Homebuilt Distance Badge Flights on The Rise Again, February, page 12

Homebuilder Workshops, August, page 6

Homebuilder News, September, page 16

Bertha M. Ryan, The 1985 SHA Western Workshop, November, page 15

Mike Kulicke, The 1985 SHA Eastern Workshop, November, page 18

Aircraft Certification

Some Mini-Nimbus and Nimbus 2-C Models Get US ATC, February, page 8

Airspace

Mark Sanderson, A Little Law Abiding, If You Please!, January, page 27

Kareem Fahmi and George Thelen, Your Basic IFR Glider?, February, page 12

Tony Burton, *The Long Slide*, May, page 2

Alphabet Soup: FAA ARSA NRPM, August, page 7

Watch It: The FAA is After You Again!, December, page 9

Altitude Flights

High Altitude Flying, April, page 10

Leroy Draper, The Easy Way Up, August, page 36

Bob Said, High, Wide and Handsome, October, page 26

Archives and Museums

Ralph Barnaby Endows National Soaring Museum, March, page 13

Celebrate National Soaring Week, May, page 6

SSA Staff, A Tribute To Motorless Flight, May, page 29

Medal Design Contest, July, page 20

National Soaring Museum Details Growth Plans, November, page 21

Awards

A Non-MacCready Kremer Prize, January, page 9

SSA Scholarship Winners, January, page 11

Essay Contest Winners, January, page 14

Ralph Barnaby Endows National Soaring Museum, March, page 13

Height/Heading Barogram?, March, page 14

Germans Honor Riedel, March, page 15

Pick Your Choice For The Lincoln Award, March, page 15

1-26 Championships, May, page 9

Medal Design Contest, July, page 20

Badge Flights

Mark Sanderson, A Little Law Abiding, If You Please!, January, page 27

Homebuilt Distance Badge Flights on The Rise Again, February, page 12

Committee Begins Update of Badge, Record Procedures, March, page 13

New Interpretation For Badge Flights, June, page 9

Lou Feirabend, *The Waves Shone and Sparkled As Gold and Diamonds...*, July, page 30

Peter C. King, From The Ground Up, September, page 2

Jack Olson, It Was Worth It!, December, page 3

Alex Strojnik, A 300-km Triangle in a Homebuilt Motorglider, December, page 24

Badges

Don't Look Down Your Nose At The Bronze Badge!, February, page 8

- 3 - Awards

Dan Dreeben, 3 For The Price of 1, November, page 4

Hilton Cup

Steve Koerner, 1984 Barron Hilton Cup Winner, January, page 14 James M. Payne, Trying For The Big One, June, page 24 SSA Staff, The Barron Hilton Cup Soaring Camp, October, page 15 Barron Hilton Cup Winner, December, page 8

Klemperer

Pfenninger Wins OSTIV/Klemperer Award, November, page 10

Kolstad Scholarship and Awards

Century Awards, April, page 9

Records and Record Flights

Mark Sanderson, A Little Law Abiding, If You Please!, January, page 27 What a Weekend! Records Galore in Georgia, August, page 4

Birds

Dan Williams, *Pilots May Profit From Pelican-Watching*, February, page 3 Francisco Galvao, *Trying To Solve The Frigate Bird Puzzle*, March, page 3 Warren Richardson, *More on Frigate Birds*, June, page 3

Book Reviews

Book Review: Flying with a Pro, January, page 17
Sailplane Instruction: The Book on It, April, page 8
James Payne, Buying a Used Sailplane, June, page 18
John Joss, Yeager, by Chuck Yeager, October, page 12
Doug Jacobs, "Turnpoints", By Gren Seibels, December, page 6

CIVV

New Interpretation For Badge Flights, June, page 9

Commercial Operations

Frank E. Conner, A Most Exceptional Bunch, January, page 4

Spreading The Good Word, January, page 10

Jim Foreman, How's Your Club Doing, Financially, January, page 44

Lee Kuhlke, School's The Place To Get Prepared, February, page 2

Bernald S. Smith and George Thelen, Safety is in Your Hands, February, page 9

Dave Runyan, A Basic Sailplane Aerobatics Course, February, page 32

How to break the Cross- Country Ice, May, page 12

Safety Task Force Gets Great Response To Soaring Site/Instructor Questionnaire, June, page 10

Lenox Flight School Now At New Site, June, page 20

Motorgliders Plan Mountain Rendezvous, June, page 20

Change of Owners, Same Great Soaring, June, page 21

Richard Seaman, Cut Rate Spin Training, July, page 3

John Dezzutti, Pin on Those Wings!, July, page 4

Black Forest is Alive and Soaring, July, page 22

Joseph Foreman, Salute To Tom and Doris, August, page 3

What a Weekend! Records Galore in Georgia, August, page 4

We Lose Another One, September, page 15

Bruce Weber, The Way To Vacation, October, page 4

Bob Said, High, Wide and Handsome, October, page 26

George Thelen, A Whiff of Trouble, November, page 21

Dealership Changes, December, page 4

Richard Schwadel, *Taking The X-C Plunge*, December, page 20

Wallace A. Scott, A Funny Thing Happened on My Way To Refugio, December, page 32

Communications

Les Sebald, Glider Base Communications, March, page 50

The Party Line, April, page 8

Gren Seibels, Microphobia: on Golden Silence, November, page 42

Competitions

Wally Raisanen, Does Day Devaluation Deserve Dumping?, January, page 6

Ralph Jones, A Question of Loading, January, page 27

Dr. Friedrich Romig, More Fun with Contests, January, page 27

Jefferson Miller, On Being a Lover, Not A Fighter, January, page 42

Eric Greenwell, More on Contest Safety, February, page 6

Wil Schuemann, Hard Ballast Isn't So Hot, Either!, March, page 4

Dan Halacy, Down with Devaluation!, March, page 8

What Really Gets Violated?, April, page 4

A Little Reassurance To The Readership, May, page 7

John Baird, A Vote To Reward Winning!, July, page 6

George Thelen, Fatigue During Long Contests, July, page 20

Advance Notice: Contest Coverage Coming, August, page 40

A New Package For Contest News, August, page 41

Barner Hedge, *Up with Competition!*, September, page 2

Peggy Dandridge, One From The Heart, September, page 2

Marvin Uphaus, Try It, You'll Like It!, October, page 4

1-26

1-26 Championships, May, page 9

Attention, Eastern 1-26 Drivers, June, page 8

Jack Greene, The 1985 1-26 Championships, October, page 18

15-Meter

Peter Newgard, Sometimes There is No Safety in Numbers, January, page 6 George Moffat, Flying a Motorglider in The 15-Meter Nationals, March, page 38

National

The 1984 US National & Regional Champions, January, page 18

15-Meter

Robert Grey, The 1985 15-Meter National Championships, August, page 8

Open Class

Sharon Austin, *The 1985 US National Open Class Championships*, September, page 26

Sports Class

George Thelen, *The First US National Sports Class Championships*, September, page 18

Standard Class

Sharon Austin, *The 1985 US Standard Class National Championships*, September, page 6

Open Class

George Vakkur, For a Bigger Open Class, November, page 6

Regional

The 1984 US National & Regional Champions, January, page 18

Region Five North Contest, July, page 24

Region 12 Sports Class Contest, July, page 25

Tulare '85, July, page 42

Marvin Uphaus, How I Finished Last At The Regionals, August, page 30

Region Five East Championships, September, page 37

Region Ten West Championships, September, page 39

Region One Championships, September, page 40

Region 1

Region One Championships, September, page 40

Region 4

Region Four Championships, September, page 38

Region 8

Region Eight Championships, September, page 39

Region 10 West

Region Ten West Championships, September, page 39

Sports Class

George Thelen, The First Sports Class Nationals, February, page 16

Women

Women's Competition? It's Being Done, September, page 17

World

World Championships: It's Minden in '91, June, page 8

Chris and Alberto Negro, *The 19th World Gliding Championships*, November, page 22

Aerobatic

Bob O'Dell, *The First World Sailplane Aerobatics Championships*, November, page 34

Conferences & Conventions

Convention Schedule: It's Something For Everybody!, January, page 11

The SSA CFI Revalidation Clinic, January, page 13

Robert Lee Moore, Up with Power!, January, page 27

The Streetcorner of Broadway and 42nd..., February, page 14

SSA Staff, 1985 National Soaring Convention, April, page 16

Dan Colton, Good Times A' Comin', May, page 4

Medal Design Contest, July, page 20

Don Santee, Are We Missing The Boat?, October, page 2

Pfenninger Wins OSTIV/Klemperer Award, November, page 10

Construction & How-To

Harry Miltner, Don't Swat That 'Skeeter!, February, page 42

Les Sebald, Schweizer Tow Release, February, page 46

Phil Lawrence, Wing Assembly Made Easy, March, page 10

Les Sebald, Glider Base Communications, March, page 50

Lew Neyland, Who Knows?, April, page 2

Ernest Williams, High-Priced Wing Covers: a Home Remedy, April, page 5

Brian Evans, Illegal Repairs: Arghhh!, April, page 6

Stephen DuPont, The Latest Style, May, page 2

Robert Walker, Charge That Hungry Battery!, June, page 28

Gren Seibels, Fire and Ice, June, page 34

Torrey Williams, A Master Switch/Timer For Sailplane Electrical Systems, June, page 42

Frank Kelsey, The Kelsey Adjust-O-Matic CG. Compensator, July, page 36

Homebuilder Workshops, August, page 6

Robert Penn, Watch It, Lark Pilots!, November, page 2

On Turbulator Blowholes, November, page 21

Drag

Dick Larsen, On Wax and Speed, May, page 4

Richard H. Johnson, Turbulators: a Key To Performance Improvement?, May, page 42

Bob Michener, Wax and The Single Seater, July, page 4

Wilhelm Dirks, A Designer Comments, August, page 2

Engines

George Thelen, An AD on Air Filters, March, page 13

Bob Wahler, A Mono-Cycle Engine?, May, page 3

Auto Gas For Towplanes?, June, page 20

Norman Alexander, There'll Be a Hot Time..., August, page 2

Equipment

Gene Hammond, Whatever It is Your Need, Do You Happen To Have It?, January, page 34 Robert Walker, Charge That Hungry Battery!, June, page 28

Torrey Williams, A Master Switch/Timer For Sailplane Electrical Systems, June, page 42 Les Sebald, The TR-720 VHF Radio, July, page 40

- 6 - Equipment

Robert Gaines, *The Perfect Crew Car*, August, page 42 Les Sebald, *You Hang a Lot on That Rope*, August, page 43

FAI

Motorglider Records, January, page 13

Committee Begins Update of Badge, Record Procedures, March, page 13

Bureaucracy At Work, June, page 8

New Interpretation For Badge Flights, June, page 9

Federal Aviation Administration (FAA)

In Case You'd Like To Launch Yourself, January, page 8

Mark Sanderson, A Little Law Abiding, If You Please!, January, page 27

Particia Valdata, Wings, January, page 41

Mike Cavanagh, Thanks, Dad!, February, page 3

George Thelen, An AD on Language, February, page 8

Some Mini-Nimbus and Nimbus 2-C Models Get US ATC, February, page 8

Test Guide Available, February, page 12

George Thelen, An AD on Air Filters, March, page 13

SSA Staff, How Can We All Be Twice As Safe?, March, page 32

Brian Evans, Illegal Repairs: Arghhh!, April, page 6

George Thelen, An AD on LS-4s, April, page 8

George Thelen, AD's and Tech Bulletins, June, page 12

Auto Gas For Towplanes?, June, page 20

John Dezzutti, Pin on Those Wings!, July, page 4

Alphabet Soup: FAA ARSA NRPM, August, page 7

Robert Driscoll, Medical Certification For Glider Pilots?, September, page 4

Comments Requested on Rereation Pilots NPRM, September, page 36

An AD on Slingsby T53B's, September, page 115

Watch It: The FAA is After You Again!, December, page 9

Flight Technique

Peder Mortensen, Can You See Yourself Into a Spin?, January, page 2

Fritz Seger, Subject: Stall Warning, January, page 42

Barry Schiff, The Good, Old-Fashioned Slip, April, page 36

Peder Mortensen, Leave The Yaw String Crooked?, July, page 3

Hal Porter, Spin City, July, page 26

Joseph Stellmack, Spin City, July, page 27

Bruce Helvie, A Veteran Pilot's Concern, November, page 4

Bruce Mahoney, On Locating Thermals, November, page 6

David Reith, The Spot To Stop, December, page 40

Flying Wing

Robert Stearns, Guilty As Charged, March, page 8

Homebuilder News, September, page 16

History

Robert McNeill, Age Cannot Wither..., March, page 8

Robert Stearns, Guilty As Charged, March, page 8

Ralph Barnaby Endows National Soaring Museum, March, page 13

Germans Honor Riedel, March, page 15

Floyd J. Bailey, On The Kill Devil Hills, March, page 30

John Campbell, A Friendly Rivalry, May, page 3

SSA Staff, A Tribute To Motorless Flight, May, page 29

William Schrempp, The Greased Board Launching Method, June, page 37

Texas Soaring Association is Alive And Thriving At Age 38!, August, page 4

SSA Staff, The Multiplace Gliders of Frank Gross, August, page 24

Walter Setz, A Champion Passes, September, page 3

Felix Chardon, Tribute To Chet Decker, September, page 4

We Lose Another One, September, page 15

- 7 - History

Soaring Museum Dedicates Third National Landmark, October, page 37

Pfenninger Wins OSTIV/Klemperer Award, November, page 10

Eva Simo-Avarosy, A Vintage Year For The Oldies, November, page 30

Edward Knight, Hard Water Has Its Uses, December, page 3

Homebuilts & Homebuilding

Welcome a Newcomer, January, page 35

Glenn Argetsinger, A Homebuilt Fan, February, page 2

Homebuilt Distance Badge Flights on The Rise Again, February, page 12

Harry Miltner, Don't Swat That 'Skeeter!, February, page 42

Howard Holman, Can Anyone Help?, July, page 3

Frank Kelsey, The Kelsey Adjust-O-Matic CG. Compensator, July, page 36

Homebuilder Workshops, August, page 6

Homebuilder News, September, page 16

Bertha M. Ryan, The 1985 SHA Western Workshop, November, page 15

Mike Kulicke, The 1985 SHA Eastern Workshop, November, page 18

Alex Strojnik, A 300-km Triangle in a Homebuilt Motorglider, December, page 24

Human Power

A Non-MacCready Kremer Prize, January, page 9

Humor

Gren Seibels, Black Boxes Be Damnedl, January, page 37

George McManus, Why We Like Soaring, April, page 24

Trish Durbin, How Soaring Really Started, June, page 22

Illustration

Harry Miltner, Don't Swat That 'Skeeter!, February, page 42

George McManus, Why We Like Soaring, April, page 24

Trish Durbin, How Soaring Really Started, June, page 22

William Schrempp, The Greased Board Launching Method, June, page 37

Alphabet Soup: FAA ARSA NRPM, August, page 7

Richard H. Johnson, A Flight Test Evaluation of the DG-300, August, page 14

James L. Dean, When I Grow Up..., August, page 22

Instruction

In Case You'd Like To Launch Yourself, January, page 8

The SSA CFI Revalidation Clinic, January, page 13

CAP Solos 23 Cadets, January, page 17

Roy A Poole, World's Largest Soaring Program, January, page 20

Steve Newfield, It All Begins with Training, January, page 27

Particia Valdata, Wings, January, page 41

Bill Batesole, To Teach, It is Essential To Have Learned First, February, page 2

Mike Cavanagh, Thanks, Dad!, February, page 3

Bernald S. Smith and George Thelen, Safety is in Your Hands, February, page 9

Test Guide Available, February, page 12

Dave Runyan, A Basic Sailplane Aerobatics Course, February, page 32

Dennis Galotti, Some Thoughts on Death By Sailplane, February, page 41

Bob Wander, Save The Baby!, March, page 4

SSA Staff, How Can We All Be Twice As Safe?, March, page 32

Jim Foreman, The Great Training Hassle, March, page 46

Bill Bartell, Safety is in Your Hands, April, page 2

Sailplane Instruction: The Book on It, April, page 8

Dan Colton, Good Times A' Comin', May, page 4

Safety Task Force Gets Great Response To Soaring Site/Instructor Questionnaire, June, page 10

Richard Seaman, Cut Rate Spin Training, July, page 3

John Dezzutti, Pin on Those Wings!, July, page 4

In Memoriam: Elmer Zook, August, page 41

- 8 - Instruction

Gene Hammond and George Thelen, *Is There Something We're Overlooking?*, September, page 17

Gene Hammond, Pilot Decision-Making, Part 2; Decision-Making Concepts, October, page 39

Richard Schwadel, Taking The X-C Plunge, December, page 20

Affiliates, Chapters, and Clubs

Civil Air Patrol

Hawaii CAP Wing is At It Again, October, page 12

Cross Country

How to break the Cross- Country Ice, May, page 12

Schools

Lee Kuhlke, School's The Place To Get Prepared, February, page 2

Instrumentation

Gren Seibels, Black Boxes Be Damned!, January, page 37

Fritz Seger, Subject: Stall Warning, January, page 42

Height/Heading Barogram?, March, page 14

Sam Stanifer, An AOA For Sailplanes?, June, page 4

Torrey Williams, A Master Switch/Timer For Sailplane Electrical Systems, June, page 42 Approved Barograph Calibration Lab, July, page 22

Insurance

Burton Solomon, A Critical Appraisal, July, page 2

International

Team Fund Sweepstakes, June, page 8

European Women's Championships, June, page 22

Neville Swan, Let's Make a Deal!, July, page 6

When They Win in Texas, They Win Big!, July, page 10

The Results From Rieti, October, page 12

Eva Simo-Avarosy, A Vintage Year For The Oldies, November, page 30

K.A. Parks, We Stand Corrected, December, page 2

Germany

Richard Garrison, A German Soaring Tour Anyone?, March, page 10 German Aero Clubs Offer Soaring Youth Camps, March, page 15 Mary Smothers, Die Alpen Für Alle Piloten, June, page 14

International Sites

Women's Competition? It's Being Done, September, page 17

Launching

Gene Hammond and George Thelen, Where Shall I Tow?, February, page 23

William Schrempp, The Greased Board Launching Method, June, page 37

Peter C. King, From The Ground Up, September, page 2

Peter C. King, To Fly Often and Cheap, Try Launching By Jeep!, September, page 32 **Aerotow**

George Thelen, Nose Hooks Get The Nod, February, page 8

Aerotowing

Lew Neyland, Who Knows?, April, page 2

A.H.L. Pio, On Towing Safety, May, page 5

Charles Dobkins, Somebody's Thinking!, May, page 5

Warren Dion, And Another on Tows..., May, page 5

Francis Whiteley, ... and Then Another, August, page 2

Bob Gaines, First One on Towhooks..., August, page 2

Towing

Gene Hammond and George Thelen, Where Shall I Tow?, February, page 23

Les Sebald, Schweizer Tow Release, February, page 46

Gene Hammond and George Thelen, What If The Rope Won't Go?, March, page 16

Steve Koerner, Slow Tow: No Go!, July, page 6

- 9 - Launching

Wilhelm Dirks, A Designer Comments, August, page 2

Les Sebald, You Hang a Lot on That Rope, August, page 43

Gene Hammond and George Thelen, A Little Reminder, September, page 15

Towplanes

Derek Johnson, Sudden Killer, March, page 49

Lew Neyland, Who Knows?, April, page 2

Wolfgang Knopf, A Safety Tow Hitch: Here's a Solution, September, page 3

Winch

Edward Hindman, Have Winch, Will Travel!, April, page 32

Winches

Edward Monske, Another Vote For Winches, October, page 3

Literature

Gren Seibels, Black Boxes Be Damned!, January, page 37

Pick Your Choice For The Lincoln Award, March, page 15

Gren Seibels, The Troubles I've Seen, March, page 52

George McManus, Why We Like Soaring, April, page 24

Gren Seibels, Bet Your Sweep Bippy, May, page 34

Trish Durbin, How Soaring Really Started, June, page 22

James L. Dean, When I Grow Up..., August, page 22

Gren Seibels, Third Thoughts, October, page 31

Maintenance and Improvements

Les Sebald, Schweizer Tow Release, February, page 46

Stephen DuPont, Tidy Up The Tape, March, page 10

Les Sebald, Glider Base Communications, March, page 50

Robert Walker, Charge That Hungry Battery!, June, page 28

Torrey Williams, A Master Switch/Timer For Sailplane Electrical Systems, June, page 42

Les Sebald, The TR-720 VHF Radio, July, page 40

Les Sebald, You Hang a Lot on That Rope, August, page 43

Marianne Photo, December, page 5

Materials

Deiter Althaus, Improving The Performance of The Astir Family Wings, February, page 24

Stephen DuPont, Tidy Up The Tape, March, page 10

Ernest Williams, High-Priced Wing Covers: a Home Remedy, April, page 5

Richard H. Johnson, Turbulators: a Key To Performance Improvement?, May, page 42

John Joss, Some Folks Never Learn, July, page 6

Les Sebald, You Hang a Lot on That Rope, August, page 43

George Thelen, A Whiff of Trouble, November, page 21

Meteorology

Dr. Joachim Kuttner, The 2000-Kilometer Wave Flight, Part II, March, page 23

Barry Schiff, Effect of Subsidence on Sailplane Flight Testing, March, page 44

Derek Johnson, Question For The Met Man, June, page 5

Peder Mortensen, Leave The Yaw String Crooked?, July, page 3

Malcom Adams, On Thermals And Drift, October, page 2

Bob Said, High, Wide and Handsome, October, page 26

Bruce Carter, Lift That Doesn't Drift, October, page 32

Military

US Air Force

Roy A Poole, World's Largest Soaring Program, January, page 20

Motorgliders

Stan Hall, How's This For a Motorglider?, May, page 20

Glaser-Dirks

DG-400

George Moffat, Flying a Motorglider in The 15-Meter Nationals, March, page 38

- 10 - Motorgliders

Grob G-109

George Thelen, Two Grob 109 AD's, December, page 4

Motorgliding

In Case You'd Like To Launch Yourself, January, page 8

And The Trend Goes On: Here Comes Another Two-Seater with Power, January, page 9

Motorglider Records, January, page 13

Robert Lee Moore, Up with Power!, January, page 27

Glenn Argetsinger, A Homebuilt Fan, February, page 2

Harry Miltner, Don't Swat That 'Skeeter!, February, page 42

George Moffat, Flying a Motorglider in The 15-Meter Nationals, March, page 38

The Evolution of a Foot Launched Glider, April, page 8

George Thelen, AD's and Tech Bulletins, June, page 12

Motorgliders Plan Mountain Rendezvous, June, page 20

Neville Swan, Let's Make a Deal!, July, page 6

Another Two-Seater, December, page 6

Alex Strojnik, A 300-km Triangle in a Homebuilt Motorglider, December, page 24

Obituaries

In Memoriam: Rick Appar, January, page 16

Ray Smith, In Memoriam: Harry Perl, January, page 16

In Memoriam: Thomas L. Dickenson, February, page 24

In Memoriam, Martin Schempp, February, page 28

In Memoriam: Thomas Farr, February, page 38

In Memoriam: David R. Boon, February, page 38

In Memoriam: Dick Gantt, February, page 38

In Memoriam: Frank Pesak, February, page 45

In Memoriam: James Spurgeon, March, page 16

In Memoriam: Jose Segarra, March, page 16

In Memoriam: Larry Rogers, April, page 9

In Memoriam: Andy Stauble, Howard Bishop, Harold Smith, June, page 18

In Memoriam: Glenn Collins, June, page 18

In Memoriam: Dr. F.W. Wortmann, June, page 18

In Memoriam: Cal Calloway, July, page 20

In Memoriam: Elton M. Ballas, August, page 41

In Memoriam: Myron R. Nevin, August, page 41

Walter Setz, A Champion Passes, September, page 3

Felix Chardon, Tribute To Chet Decker, September, page 4

In Memoriam: Chester Decker, September, page 37

In Memoriam: Clayton Shoemaker, October, page 36

In Memoriam: David Shapiro, October, page 36

In Memoriam: William G. Lindner, October, page 37

In Memorian. William G. Linaner, October, page 37

In Memoriam: William Campbell, October, page 37

OSTIV

Height/Heading Barogram?, March, page 14

Pfenninger Wins OSTIV/Klemperer Award, November, page 10

Oxygen

High Altitude Flying, April, page 10

Parachutes

Rick Valley, Is Your Pre-Flight Really Finished?, July, page 34

People

Wallace A. Scott

Barron Hilton Cup Winner, December, page 8

Performance Evaluations

Discus Polar Announced, March, page 14

Philosophy of Soaring

Wally Raisanen, Does Day Devaluation Deserve Dumping?, January, page 6

Jefferson Miller, On Being a Lover, Not A Fighter, January, page 42

Eric Greenwell, More on Contest Safety, February, page 6

Dennis Galotti, Some Thoughts on Death By Sailplane, February, page 41

Dan Halacy, Down with Devaluation!, March, page 8

What Really Gets Violated?, April, page 4

John Baird, A Vote To Reward Winning!, July, page 6

Dan Dreeben, 3 For The Price of 1, November, page 4

Photography

Bob Said, The Aldott Touch, January, page 24

Physiology

Medical

High Altitude Flying, April, page 10

Attention, Pilots: Fluid is More Vital Than You May Think!, June, page 12

Gren Seibels, Fire and Ice, June, page 34

George Thelen, Fatigue During Long Contests, July, page 20

Robert Driscoll, Medical Certification For Glider Pilots?, September, page 4

Pilot Reports

Jim Algar, Interesting Sailplanes: The GOBE R-26S, January, page 30

Kenneth Couche, On Editing and Safety, February, page 4

Radios

Les Sebald, Glider Base Communications, March, page 50

The Party Line, April, page 8

Les Sebald, The TR-720 VHF Radio, July, page 40

Records and Record Flights

Jim Beckman, Are Women's Records a Degrading Putdown?, January, page 3

Motorglider Records, January, page 13

Dr. Joachim Kuttner, The 2000-Kilometer Wave Flight, Part II, March, page 23

Arch Karl Lamb, Soaring The Guadalupes, December, page 16

Safety

Peder Mortensen, Can You See Yourself Into a Spin?, January, page 2

Peter Newgard, Sometimes There is No Safety in Numbers, January, page 6

Steve Newfield, It All Begins with Training, January, page 27

Ralph Jones, A Question of Loading, January, page 27

Dr. Friedrich Romig, More Fun with Contests, January, page 27

Gene Hammond, Whatever It is Your Need, Do You Happen To Have It?, January, page 34

Particia Valdata, Wings, January, page 41

Fritz Seger, Subject: Stall Warning, January, page 42

David Reith, Red Noses Aren't All Bad, February, page 2

Mike Cavanagh, Thanks, Dad!, February, page 3

Kenneth Couche, On Editing and Safety, February, page 4

Eric Greenwell, More on Contest Safety, February, page 6

George Thelen, Nose Hooks Get The Nod, February, page 8

George Thelen, Two Service Bulletins, February, page 8

George Thelen, An AD on Language, February, page 8

Bernald S. Smith and George Thelen, Safety is in Your Hands, February, page 9

George Thelen, An Unspinnable Wing?, February, page 11

Kareem Fahmi and George Thelen, Your Basic IFR Glider?, February, page 12

Gene Hammond and George Thelen, Where Shall I Tow?, February, page 23

Dennis Galotti, Some Thoughts on Death By Sailplane, February, page 41

Dean Carswell, Quis Custodiet Custodes?, March, page 6

George Thelen, An AD on Air Filters, March, page 13

Gene Hammond and George Thelen, What If The Rope Won't Go?, March, page 16

- 12 - Safety

SSA Staff, How Can We All Be Twice As Safe?, March, page 32

Gren Seibels, The Troubles I've Seen, March, page 52

David Habercom, Would a "Q&A" Booklet Find An Audience?, April, page 2

Bill Bartell, Safety is in Your Hands, April, page 2

F.W. Neumann, Speed Means Safety, April, page 5

Ernest Williams, High-Priced Wing Covers: a Home Remedy, April, page 5

Brian Evans, Illegal Repairs: Arghhh!, April, page 6

George Thelen, An AD on LS-4s, April, page 8

George Thelen, Towplane Brake AD, April, page 9

Judy Lincoln, Tell It To NASA!, April, page 30

Barry Schiff, The Good, Old-Fashioned Slip, April, page 36

Doug Jacobs, Authorship Has Its Perils, May, page 2

Philip Petmecky, A Word of Approval, May, page 3

Dan Colton, Good Times A' Comin', May, page 4

Warren Dion, And Another on Tows..., May, page 5

Charles Dobkins, Somebody's Thinking!, May, page 5

A.H.L. Pio, On Towing Safety, May, page 5

Danny Pierson, Landing The Diamant, May, page 27

Gren Seibels, Bet Your Sweep Bippy, May, page 34

Sam Stanifer, An AOA For Sailplanes?, June, page 4

George Thelen, AD's and Tech Bulletins, June, page 12

Tonk Mills, A Perfect Off-Field Landing, June, page 40

Richard Seaman, Cut Rate Spin Training, July, page 3

Steve Koerner, Slow Tow: No Go!, July, page 6

George Thelen, Safety Task Force Reports Progress, July, page 11

George Thelen, Fatigue During Long Contests, July, page 20

Hal Porter, Spin City, July, page 26

Joseph Stellmack, Spin City, July, page 27

Rick Valley, Is Your Pre-Flight Really Finished?, July, page 34

Bob Gaines, First One on Towhooks.., August, page 2

Francis Whiteley, ... and Then Another, August, page 2

Robert Gaines, The Perfect Crew Car, August, page 42

Peggy Dandridge, *One From The Heart*, September, page 2

Gene Hammond and George Thelen, A Little Reminder, September, page 15

Gene Hammond and George Thelen, *Is There Something We're Overlooking?*, September, page 17

C.C. Flora, Wet Tail Feathers, October, page 3

Tom Elmore, Elevator Hookup, October, page 25

Gene Hammond, Pilot Decision-Making, Part 2; Decision-Making Concepts, October, page 39

Robert Penn, Watch It, Lark Pilots!, November, page 2

Bruce Helvie, A Veteran Pilot's Concern, November, page 4

George Thelen, A Whiff of Trouble, November, page 21

Ann Neilsen, Who Needs Fear?, November, page 28

Gene Hammond, Pilot Decision-Making, Part 3; Hazardous Thought Patterns, November, page 37

Derek Johnson, Caught on Top, November, page 40

George Thelen, Two Grob 109 AD's, December, page 4

George Thelen, Soaring Safety Foundation, December, page 8

Gene Hammond, *Decision-Making, Part 4; Antidotes For Hazardous Thoughts*, December, page 12

David Reith, The Spot To Stop, December, page 40

John Bent, Holes Low, Holes High, December, page 40

Peter Williams, Landout At The Cal-Trans Lot, December, page 42

- 13 - Safety

Accidents/Incidents

George Thelen, Soaring Accidents for September, 1984, January, page 10

George Thelen, Soaring Accidents for October 1984, March, page 13

Derek Johnson, Sudden Killer, March, page 49

George Thelen, Soaring Accidents November and December 1984, May, page 7

Dillon Jackson, The Water Option, May, page 38

George Thelen, Soaring Accidents for January 1985, June, page 8

Soaring Accidents for January 1985, June, page 8

George Thelen, Soaring Accidents for February, 1985, July, page 11

George Thelen, First 1985 Fatalities, August, page 4

George Thelen, Soaring Accidents in March 1985, August, page 41

George Thelen, Soaring Accidents for April 1985, September, page 16

John Joss, Sackcloth and Ashes, September, page 43

George Thelen, Soaring Accidents for May 1985, October, page 12

George Thelen, Soaring Accidents for June 1985, November, page 12

George Thelen, Soaring Accidents for July 1985, December, page 4

Sailplane Accessories

George Congdon, How To Cure Trailer Sway, February, page 3

Sailplane Design

An Interesting Newcomer, March, page 12

Stan Hall, How's This For a Motorglider?, May, page 20

Stan Hall, Fat Wings Have Their Uses, July, page 6

Wilhelm Dirks, A Designer Comments, August, page 2

On The Horizon, October, page 11

On Turbulator Blowholes, November, page 21

Another Two-Seater, December, page 6

Sailplanes

Akafleig Hunchen Hu 28

Two You Haven't Seen, February, page 10

Astir

Deiter Althaus, *Improving The Performance of The Astir Family Wings*, February, page 24

Bowlus BZ-1

Welcome a Newcomer, January, page 35

Centrair

And The Trend Goes On: Here Comes Another Two-Seater with Power, January, page 9

George Thelen, Two Service Bulletins, February, page 8

George Thelen, AD's and Tech Bulletins, June, page 12

Darmstadt D-36

Better Late Than Never, February, page 20

Diamant

Danny Pierson, Landing The Diamant, May, page 27

Glaser-Dirks

DG-101

Paavo Koponen, DG-101 in Flight, May, cover

Richard H. Johnson, A Flight Test Evaluation of the DG-101G, May, page 14

DG-300

Oliver Dyer-Bennet, *DG-300 Near Calistoga, California*, August, cover Richard H. Johnson, *A Flight Test Evaluation of the DG-300*, August, page 14

Gobe R-26-Su

Jim Algar, Interesting Sailplanes: The GOBE R-26S, January, page 30

- 14 - Sailplanes

Grob G-102 Phil Lawrence, Wing Assembly Made Easy, March, page 10 **Horten IV** Robert Stearns, Guilty As Charged, March, page 8 K-8 Mike Frey, Schleicher K-8 on Final, April, cover Lou Feirabend, The Waves Shone and Sparkled As Gold and Diamonds..., July, Jeffrey Stetson, Still Going Strong, September, page 3 Lark Ernest Williams, High-Priced Wing Covers: a Home Remedy, April, page 5 Robert Penn, Watch It, Lark Pilots!, November, page 2 Libelle New Lift For The Libelle From Extended Wingtips and New Flap System, January, John Joss, Sackcloth and Ashes, September, page 43 MIT Monarch A Non-MacCready Kremer Prize, January, page 9 Rolladen-Schneider LS-4 Phil Campbell, A 40/1 LS-4, March, page 2 Richard H. Johnson, A Flight Test Evaluation of an LS-4, Part II, March, page 28 George Thelen, An AD on LS-4s, April, page 8 Dita Aldott, LS-4a over Marfa, Texas, June, cover Salto Les Horvath, Salto Fly-By at Estrella Sailport, March, cover Scanlon SG-1A Howard Holman, Can Anyone Help?, July, page 3 Schempp-Hirth Cirrus George Thelen, AD's and Tech Bulletins, June, page 12 Discus Discus Polar Announced, March, page 14 Nimbus Some Mini-Nimbus and Nimbus 2-C Models Get US ATC, February, page 8 Nimbus 2-C Some Mini-Nimbus and Nimbus 2-C Models Get US ATC, February, page 8 Nimbus 3 Dita Aldott, Adagio for Nimbus 3, January, cover Nimbus 3D Another Two-Seater, December, page 6 Schleicher AS-H 25 On The Horizon, October, page 11 **AS-K 21** Two You Haven't Seen, February, page 10 **AS-W 19B** Robert N. Buck, AS-W 19B in Vermont Winter, December, cover **AS-W 24** On The Horizon, October, page 11 **ASW 22-2**

Peter Selinger, The AS 22-2 Two-Seater, January, page 28

Schliecher

- 15 - Sailplanes

AS-K 21

George Thelen, *Two Service Bulletins*, February, page 8 George Thelen, *An AD on Language*, February, page 8 George Thelen, *AD's and Tech Bulletins*, June, page 12

Richard H. Johnson, A Flight Test Evaluation of the AS-K 21, July, page 16

Schneider Platypus

An Interesting Newcomer, March, page 12

Schweizer

1-34

Suzanne Conner, 1-34 Idaho Outlanding, September, cover

SGS 1-26

James Richardson and Doug Rodrigues, 1-26 Over the Sierra Nevada, February, cover

Robert McNeill, Age Cannot Wither..., March, page 8

New Officers For 1-26 Association, March, page 15

1-26 Championships, May, page 9

Attention, Eastern 1-26 Drivers, June, page 8

Jack Greene, The 1985 1-26 Championships, October, page 18

Slingsby T.53B

An AD on Slingsby T53B's, September, page 115

Saiplanes

Mosquito

Harry Miltner, Don't Swat That 'Skeeter!, February, page 42

Schempp-Hirth

Ventus

Richard H. Johnson, *Turbulators: a Key To Performance Improvement?*, May, page 42

Schools

SSA Scholarship Winners, January, page 11

Roy A Poole, World's Largest Soaring Program, January, page 20

Two You Haven't Seen, February, page 10

Dave Runyan, A Basic Sailplane Aerobatics Course, February, page 32

German Aero Clubs Offer Soaring Youth Camps, March, page 15

Lenox Flight School Now At New Site, June, page 20

John Campbell, Collegiate Games?, December, page 2

Richard Schwadel, *Taking The X-C Plunge*, December, page 20

Self-Launching

George Moffat, Flying a Motorglider in The 15-Meter Nationals, March, page 38 **Sites**

Akron, Ohio

Soaring Museum Dedicates Third National Landmark, October, page 37

Hilton Ranch

Chris and Dave Woods, Sunset Formation Over Hilton Ranch, October, cover

International

O.M. Bilaniuk, Lafayette, We Are Back!, November, page 4

Soaring Society of America

Roger and Janet Clark, Go Where The Action Is, January, page 2

Spreading The Good Word, January, page 10

George Thelen, Soaring Accidents for September, 1984, January, page 10

New Year Renewals, January, page 10

Convention Schedule: It's Something For Everybody!, January, page 11

SSA Scholarship Winners, January, page 11

The SSA CFI Revalidation Clinic, January, page 13

Essay Contest Winners, January, page 14

Don't Look Down Your Nose At The Bronze Badge!, February, page 8

The Streetcorner of Broadway and 42nd..., February, page 14

Committee Begins Update of Badge, Record Procedures, March, page 13

New Officers For 1-26 Association, March, page 15

David Habercom, Would a "Q&A" Booklet Find An Audience?, April, page 2

Region 3 Reorganizes, April, page 8

SSA Staff, 1985 National Soaring Convention, April, page 16

Announcement, May, page 6

Celebrate National Soaring Week, May, page 6

Who Are We, Really?, May, page 11

Bureaucracy At Work, June, page 8

Team Fund Sweepstakes, June, page 8

Burton Solomon, A Critical Appraisal, July, page 2

When They Win in Texas, They Win Big!, July, page 10

There's No Place Like Home, July, page 11

George Thelen, Safety Task Force Reports Progress, July, page 11

Approved Barograph Calibration Lab, July, page 22

New SSA Governor For Massachusetts, July, page 22

John Farris, Call Your Local TV Station!, August, page 3

Gordon Wingate, Hunt Thermala on The Tube?, August, page 3

Don Santee, Are We Missing The Boat?, October, page 2

Deane Williams, More and Better Weather, October, page 2

Are You Up To Date?, November, page 21

George Thelen, Soaring Safety Foundation, December, page 8

Directors

SSA Membership Elects Two New Directors, Re-Elects Five Others, January, page 8

A Message From Carl Herold, January, page 12

A.J. Smith Resigns as SSA Director, February, page 8

Hansman Wins Seat on SSA Board, February, page 8

Bob Fitch, A Grateful Thank You To Those Who Helped, June, page 2

Region 8 To Elect New SSA Director, June, page 8

Call For Nominations For SSA Board of Directors, July, page 10

Candidates For Regional Directors, November, page 10

SSA Headquarters Move Highlights Fall Directors Meeting, November, page 10

Soaring Magazine

Bob Said, The Aldott Touch, January, page 24

Are Your Getting Your Soaring on Time?, January, page 35

Kenneth Couche, On Editing and Safety, February, page 4

Robert McNeill, Age Cannot Wither..., March, page 8

Robert Stearns, Guilty As Charged, March, page 8

David Habercom, Would a "Q&A" Booklet Find An Audience?, April, page 2

John Phelan, Oops, We Goofed!, April, page 3

Philip Petmecky, A Word of Approval, May, page 3

A Little Reassurance To The Readership, May, page 7

Texans Honor Aldotts, May, page 9

Advance Notice: Contest Coverage Coming, August, page 40

Barner Hedge, Up with Competition!, September, page 2

Kenneth McGurk, Good Stories, Good Sales, September, page 2

Marvin Uphaus, Try It, You'll Like It!, October, page 4

Dan Dreeben, 3 For The Price of 1, November, page 4

George Kimbriel, Vote of Confidence, November, page 6

Gren Seibels, Fan Mail, December, page 2

US Team

Team Fund Raisers, May, page 18

Techniques

Ballast

Ralph Jones, A Question of Loading, January, page 27

Wil Schuemann, Hard Ballast Isn't So Hot, Either!, March, page 4

C.C. Flora, Wet Tail Feathers, October, page 3

Cloud Flying

Derek Johnson, Caught on Top, November, page 40

Cross Country

How to break the Cross- Country Ice, May, page 12

Lou Feirabend, The Waves Shone and Sparkled As Gold and Diamonds..., July, page 30

Cross Country Soaring

Steve Koerner, 1984 Barron Hilton Cup Winner, January, page 14

Gene Hammond, Whatever It is Your Need, Do You Happen To Have It?, January, page 34

Homebuilt Distance Badge Flights on The Rise Again, February, page 12

Dennis Galotti, Some Thoughts on Death By Sailplane, February, page 41

Dr. Joachim Kuttner, The 2000-Kilometer Wave Flight, Part II, March, page 23

Gren Seibels, Lost and Found, April, page 41

Tony Burton, The Long Slide, May, page 2

Dillon Jackson, The Water Option, May, page 38

James M. Payne, Trying For The Big One, June, page 24

Tonk Mills, A Perfect Off-Field Landing, June, page 40

Ann Neilsen, Who Needs Fear?, November, page 28

Richard Schwadel, Taking The X-C Plunge, December, page 20

Alex Strojnik, A 300-km Triangle in a Homebuilt Motorglider, December, page 24

Wallace A. Scott, A Funny Thing Happened on My Way To Refugio, December, page 32

Carl Herold, Four 1000-km Flights in Two Days At Minden!, December, page 36

Steve Koerner, Hooky is Naughty, but 1000-km Is Nice!, December, page 37

Peter Williams, Landout At The Cal-Trans Lot, December, page 42

Landing

Danny Pierson, Landing The Diamant, May, page 27

Tonk Mills, A Perfect Off-Field Landing, June, page 40

Ridge Soaring

F.W. Neumann, Speed Means Safety, April, page 5

James M. Payne, Trying For The Big One, June, page 24

Derek Johnson, The Magic Sequatchie, July, page 12

Thermals and Thermaling

Derek Johnson, Question For The Met Man, June, page 5

James M. Payne, Trying For The Big One, June, page 24

Derek Johnson, The Magic Sequatchie, July, page 12

Malcom Adams, On Thermals And Drift, October, page 2

Bruce Carter, Lift That Doesn't Drift, October, page 32

Bruce Mahoney, On Locating Thermals, November, page 6

Wave Flying

Dr. Joachim Kuttner, *The 2000-Kilometer Wave Flight, Part II*, March, page 23 *High Altitude Flying*, April, page 10

Tony Burton, *The Long Slide*, May, page 2

Derek Johnson, The Magic Sequatchie, July, page 12

Lou Feirabend, The Waves Shone and Sparkled As Gold and Diamonds..., July, page 30

Leroy Draper, The Easy Way Up, August, page 36

Theory of Soaring Flight

Dr. Joachim Kuttner, *The 2000-Kilometer Wave Flight, Part II*, March, page 23 Barry Schiff, *The Good, Old-Fashioned Slip*, April, page 36

Towplanes

George Thelen, An AD on Air Filters, March, page 13

George Thelen, Towplane Brake AD, April, page 9

George Thelen, AD's and Tech Bulletins, June, page 12

Auto Gas For Towplanes?, June, page 20

Norman Alexander, There'll Be a Hot Time..., August, page 2

Trailers

George Congdon, How To Cure Trailer Sway, February, page 3

Ultralights

Canard SC

The Evolution of a Foot Launched Glider, April, page 8

Marske Pioneer II

Homebuilder News, September, page 16

Vintage Aircraft

Eva Simo-Avarosy, A Vintage Year For The Oldies, November, page 30

Wards

Badges

Floyd J. Bailey, On The Kill Devil Hills, March, page 30

Wave Flying

Bob Said, High, Wide and Handsome, October, page 26

Arch Karl Lamb, Soaring The Guadalupes, December, page 16

Weather

Dr. Joachim Kuttner, The 2000-Kilometer Wave Flight, Part II, March, page 23

Gordon Wingate, Hunt Thermala on The Tube?, August, page 3

John Farris, Call Your Local TV Station!, August, page 3

Deane Williams, More and Better Weather, October, page 2

Women

Jim Beckman, Are Women's Records a Degrading Putdown?, January, page 3

Western Women's Seminar 1985, June, page 18

European Women's Championships, June, page 22

Youth

SSA Scholarship Winners, January, page 11

Essay Contest Winners, January, page 14

Roy A Poole, World's Largest Soaring Program, January, page 20

German Aero Clubs Offer Soaring Youth Camps, March, page 15

John Phelan, Oops, We Goofed!, April, page 3

Century Awards, April, page 9

No subject

Gil Parcell, McManus, George: Why We Like Soaring, April, page 24

John Joss, Film Review: The Quiet Challenge, May, page 10

Gren Seibels, Music Review: L/D Soaring Songs, May, page 13

Mary Smothers, Die Alpen Für Alle Piloten, June, page 11

Gil Parcell, Durbin, Trish: How Soaring Really Started, June, page 22

Randy Witlicki, Ventus on Tow From L-19 At Sugarbush, July, cover

Gren Seibels, *The Taskmaster*, August, page 38

Dennis Meyer, Sailplane Over Central California, November, cover

Gren Seibels, Skysailor, December, page 44