

## Soaring Magazine Index for 1974/1974 organized by section

*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.*

### Cover

Arlen Moore, *SS-1*, January  
*BS-1*, February  
*Soaring the Alps*, March  
George Moffat, April  
*Torrey Pines, California*, May  
*Ibex*, June  
*Thermalling*, July  
Ed Hall, *Bird*, August  
*Osprey*, September  
Malcolm Bagshaw, *1-26*, October  
*2-33*, November  
James Carpenter, *Cartoon*, December

### Herold's Hearsay

*The energy crisis and soaring*, January, page 34  
Thomas Beltz, *The soaring flight of vultures*, February, page 37  
*Aircraft cost per pound*, February, page 37  
*Soaring is getting safer*, March, page 30  
*Class comparisons for Waikerie*, April, page 35  
*Solar power battery charger*, May, page 41  
*Tow pilot statistics revised*, May, page 42  
*Ordering an "N" number*, July, page 32  
*Commercial operation data*, July, page 32  
*Batteries are potentially dangerous*, September, page 39  
*Announcing the Bede Wing*, September, page 39

### Homebuilder's Hall

S. Hall, January, page 36  
*Accidents and Push-Pull Control Systems Changes*, January, page 36  
John Sinclair, *Sinclair flies his new duster*, February, page 32  
S. Hall, February, page 32  
*Porter flies his new Cherokee II*, February, page 33  
Jack Greene, *Fiberglass-and-balsa construction for the homebuilder, Part I*, March, page 34  
*Tinbus II*, May, page 43  
*Busted canopy?*, May, page 46  
John Luttrell, *Busted canopy?*, May, page 46  
*Use of Douglas fir - substitute for spruce*, June, page 31  
*Briegleb "BG" series*, July, page 28  
*Pacific Aircraft D-8*, July, page 29  
*Homebuilt sailplanes*, July, page 29  
*Miller "Tern"*, July, page 29  
*California sailplanes "Duster"*, July, page 29  
*Homebuilt sailplanes*, July, page 29  
*EPB-1 "Flying Plank"*, July, page 30  
*Marske "Pioneer II"*, July, page 30  
*Evils of flutter and how to deal with them, Part II*, October, page 40  
*Handy hints for homebuilding*, November, page 36  
Bob Wister, *Technical help for designers*, November, page 40  
B. Wister, *Technical help for designers*, November, page 40

## Homebuilders Hall

*Evils of flutter and how to deal with them, Part I*, September, page 33

### Letter

Stephen Du Pont, *Ruddervator check*, January, page 3  
Alain Guay, *New French two-place sailplane*, January, page 3  
*What to expect at Waikerie*, January, page 4  
*More on "2-1-0" scoring*, January, page 4  
Geof Steele, *Cost: a new class definition? Smith, Bernald*, January, page 5  
Bernald S. Smith, *Cost: a new class definition?*, January, page 5  
Geof Steele, *A new one from Darmstadt*, January, page 6  
*Pie-in-the-sky?*, February, page 2  
*A new name needed: "cloudsloping"*, February, page 3  
*Answer to young soaring bugs' prayers*, February, page 5  
*Women's records*, March, page 2  
Ron Williams, *"Dyno I", a Kasper Wing derivative*, March, page 3  
*Poet's solo*, March, page 4  
Geof Steele, *How about two "standard" classes?*, March, page 5  
Stephen Du Pont, *Aerobatics as safety training*, April, page 2  
Kasper Bede, *Flying wings*, April, page 3  
*Contest rules and the energy crisis*, April, page 3  
*Anti-histamines: a word to the wise*, April, page 4  
*Standard Class rules*, April, page 6  
*The Graves variometer*, April, page 6  
Thomas M. Farr, Jr., *Compatible trailer wiring*, April, page 7  
*Reporting tow pilot accidents*, May, page 2  
*Multiple towing*, May, page 2  
Gren Seibels, *Open regionals - educational mortification*, May, page 4  
Wally Scott, *Open regionals - educational mortification Scott*, May, page 4  
Peter K. Bice, *Figuring great circle distances*, May, page 5  
*Power stepdown warning*, June, page 2  
*Contest reporting June 1974*, June, page 3  
*Multiple tow cautions*, June, page 4  
Thomas Beltz, *Jonathan Livingston Schweizer*, June, page 5  
*Towing: Airplane Dual tows*, July, page 6  
Geof Steele, *Moffat on the modern standard class Moffat, G*, September, page 2  
George Moffat, *Moffat on the modern standard class*, September, page 2  
*Hang gliding at Torrey Pines*, September, page 3  
*New ultralight design*, September, page 3  
*Training Costs and Youth*, September, page 4  
Aviation Exploring Unit, *as Rewarding as Your First Solo*, September, page 4  
*A good "met" man*, September, page 5  
*Super floater*, October, page 2  
Wally Scott, *Wing loadings: better than a pine box*, October, page 2  
*Low-velocity newsletter: "Helios"*, October, page 5  
Dore J. Montes, *Mountain soaring in Hope, British Columbia, Canada*, November, page 3  
*Sharing Torrey Pines*, November, page 3  
*Like flying a lawn chair: "Monarch"*, November, page 4  
*In defense of the RF-4D motorglider*, November, page 5  
*Wisconsin soaring youth boosters*, November, page 7  
*Illegal ballasting*, December, page 2  
*Foot-launching the "Hippie"*, December, page 3  
*Ultralights and lead shot*, December, page 3  
*Model flying safety lessons*, December, page 4  
*More on downwind turns*, December, page 6

*Teen program a dismal failure*, December, page 8

*Dual scoring harassment*, December, page 9

### **SSA in Action**

*Are ELT's required for gliders?*, January, page 8

*Donation from Harris Hill Soaring Corporation*, January, page 9

*First hang gliding champ*, January, page 10

Adams, M.J. Rosemary, *Almendinger*, January, page 11

E. Scurr, *Green air*, by David Harper, January, page 11

*New SSA directors*, February, page 7

*Swiss "Eife" homebuilder kit*, February, page 10

*World 14th world gliding championships*, March, page 7

George Moffat, *World open class soaring champion; 14th world gliding championships*,  
March, page 7

*Turning the clock back; Part 2 flight*, March, page 8

H. Michael and S. Riggs, *MIT seminar, ultralight flying*, March, page 9

Irven Culver, *MIT seminar, ultralight flying*, March, page 9

Volmer Jensen, *MIT seminar; ultralight flying*, March, page 9

*Receives New York State grant*, March, page 9

Ann Welch, *Pilot's weather*, March, page 11

James Nash-Webber, *"Motorless Flight Research"*, M.J. Abzug, ed., March, page 12

Floyd Sweet, *Michael Stroukoff*, March, page 13

*Warren Eaton Memorial Trophy*, April, page 9

*SSA Exceptional Achievement Award*, April, page 9

*3rd national soaring convention*, April, page 9

*SSA directors' meeting*, April, page 9

*Exceptional Service Award*, April, page 9

*SSA awards banquet*, April, page 9

*Nimbus II ATC'd*, May, page 7

*Membership categories established, Third Annual Historical Symposium announced*, May,  
page 7

Peter Bowers, *Northwest soaring symposium*, May, page 7

Waheed Mirza, *Soaring in Pakistan*, May, page 9

J.C. Lincoln, *Free as a bird*, by Philip Wills, May, page 10

Marion S. Griffith, Jr., *President's report*, May, page 14

Lloyd M. Licher, *Executive director's report*, May, page 14

*1973 Lilienthal medalist: Ann Welch*, June, page 6

W.S. Ivans, *CIVV report, Paris, France*, June, page 7

Ray Shamblen, *Census Sailplane census.*, June, page 9

Ted Hamm and G. Bahnson, *Federal aviation regulations for glider pilots*, June, page 11

Karl W. Kretschmer, *Arthur Zimmerman*, June, page 11

A.J. Smith, *Design competition report*, June, page 12

*SSA Safety chairman. Dr. Will Hayes*, July, page 9

*What to study?*, July, page 9

*Schweizer 1-35 ATC'd - production begins*, July, page 9

*FAA hang gliding advisory*, July, page 10

*Feminine state records*, July, page 11

*Ridge soaring the Alleghenies Bald Eagle Ridge*, Knauff, Thomas, July, page 13

Marion S. Griffith, Jr., *President's report*, September, page 8

Gus Briegleb, *3 into 12 - one, Savage*, Mark A. BRIEGLER, *KEN Claims 100 km speed triangle record*, September, page 10

*David Scott, SSA's man in Washington*, September, page 10

*Claims women's 100 km triangle speed record*, September, page 11

*MIT symposium program corrections*, September, page 12

Jake Van Dyke, *Region seven contest, Salem, Illinois*, September, page 12

- Lloyd M. Licher, *Executive director's report*, September, page 15  
*1975 SSA calendar: art winners*, October, page 7  
*1975 soaring convention slated*, October, page 9  
J.R. Hutchinson, *Region 4 no-contest meet.*, October, page 9  
Bernald S. Smith, *SSA group insurance*, October, page 9  
1st soaring aerobatic contest: Saulgau, Germany, October, page 12  
*"Technical Soaring" bibliography*, October, page 14  
Vern Oldershaw, *Wins "outstanding design" trophy*, October, page 14  
*"Outstanding design" trophy*, October, page 14  
Burt Elliot, *1974 Region Four Contest, Frederick, Maryland*, October, page 17  
William E. Doherty, *Book reviews After solo - soaring adventures in a I-26*, October, page 18  
Richard A. Wolters and R. Jain, *Once upon a thermal*, October, page 18  
David Scott, *Report on FAA action; Potomac Pipeline*, October, pages 11,39  
Betsy Shannon, *Claims Standard Class 100 km record*, November, page 9  
*1975 National soaring convention announced*, November, page 9  
S. Fried, *George W. Angell*, November, page 11  
Sam Crane, *Region five south contest, Cordele, Georgia*, November, page 14  
Lloyd Hunter, *Region three contest, Dansville, NY*, November, page 14  
N.Y. Dansville, *Region six contest*, November, page 16  
*Hutchinson, Kansas: Region ten contest*, November, page 17  
Ray Young, *First Vintage Sailplane Regatta, Elmira, N.Y.*, December, page 10  
James Carpenter, *Cover artist, competition reporter*, December, page 11  
*Schweizer Aircraft Corp. youth assist*, December, page 12  
*Richard C. du Pont memorial flight*, December, page 12  
*Region nine contest, Estrella Gliderport, Arizona*, December, page 13  
*Region twelve contest*, December, page 14  
Bill Ivans, *Region eleven contest*, December, page 15  
*James L. Le Sueur*, December, page 15  
*CIVV Report, Paris, France*, December, page 16  
Gren Seibels, *Region five contest: Chester, South Carolina*, July, page 11  
James S. Herman, *1974 Region one contest, Sugarbush Vermont*, October, page 14

### **Safety Corner**

- Records Schweizer Soaring School*, January, page 32  
Bernie Carris, January, page 32  
*Treetop landings are for the Birds*, February, page 35  
*Dive brakes*, February, page 36  
Rudy Mozer, March, page 32  
D.J. Montes, *Winch accident*, March, page 32  
*Winch operation*, April, page 36  
Lawrence Gehrlein, April, page 36  
P. Schweizer, *Lessons to be learned*, July, page 42  
*Hilltop Approaches in Strong Winds*, September, page 40  
Benjamin S. Kelsey, September, page 40  
M.R. Nevin, October, page 39  
*1973 glider accidents*, November, page 42  
*How's your attitude?*, December, page 36  
Richard Maryott, December, page 36  
*1973 glider accidents.*, December, page 37

### **Using The Weather**

- Charles V. Lindsay, June, page 36  
Charles V. Lindsay, September, page 36  
Charles V. Lindsay, October, page 44  
Charles V. Lindsay, November, page 40

John Aldrich, *Weather on public TV*, June, page 36  
John Aldrich, *Contest meteorologist; Gene Larcom*, July, page 35  
John Aldrich, September, page 36  
*Forecasting the altitude of thermals*, October, page 44  
John Aldrich, October, page 44  
John Aldrich, *Forecasting thermal strength*, November, page 40  
John Aldrich, *Forecasts of the upper winds*, December, page 38