

## Soaring Magazine Index for 1973/1973 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

*Lenticular cloud stack over Tehachapi, January*  
*Blueprints: 1-26 and LP-49, February*  
*Ray Stark, Loop sequence over Long Island in Ka 6 March, March*  
*2-22 flown by Roy Schlemeyer at Odessa, Texas, April*  
*Cover, May 1973, May*  
*Cirrus flown by Springer Jones over Texas, June*  
*Tom Davis, Phoebus B over Richland, Washington, July*  
*2-33 and an Oregon sunset, August*  
*1-26 championships: Black Forest Gliderport 1973, September*  
*Roberto Sada Salinas, Bird, October*  
*My daddy has a sailplane, November*  
*'Tis the season to be jolly-?, December*

### Foreign Scene

*Australian Gliding Federation's sailplane design contest, January, page 10*

### Herold's Hearsay

*Oxygen regulator and mask data, January, page 30*  
*Dr. Richard Eppler, The pleasure was mine?, January, page 30*  
*Radar beacon regulations, January, page 34*  
*An environmental issue?, February, page 37*  
*Experimental aircraft: operational limitation, February, page 38*  
*Mode C Transponders, February, pages 38 or 39*  
*Federal Aviation Agency Implements SFO TCA, February, page 39*  
*Certification of pilots and flight instructors, February, page 39*  
*Vance A. Tucker, Dynamic soaring, March, page 40*  
*March, page 40*  
*Ultralight gliders, FAA position, March, page 40*  
*Vance A. Tucker, Dynamic soaring, excerpt from "Wind Powered Flight", March, page 41*  
*Allegheny ridge running hazards, April, page 34*  
*Soaring convention, San Antonio, Texas, April, page 34*  
*Variometer note, April, page 34*  
*Smoking and oxygen, May, page 37*  
*Start and finish altitudes, May, page 38*  
*New club at Huntsville, Alabama, May, page 39*  
*More on oxygen regulators, June, page 37*  
*A thought on a parachute, June, page 38*  
*Does your Bayside work at cold temperature?, June, page 38*  
*Avoiding sink, July, page 39*  
*Safety on the Blairstown Ridge, July, page 39*  
*Fatality: John Trice in region nine contest, August, page 38*  
*H-301 Libelle Shifty center of gravity, October, page 39*  
*Positive control checks, everyone!, October, page 40*  
*World team selection, November, page 39*  
*What's your drag?, November, page 40*  
*The FFA Administrator, December, page 33*  
*Editorial from "National Aeronautics", December, page 34*

### Homebuilder's Hall

*S. Hall, January, page 36*  
*S. Hall, February, page 32*  
*S. Hall, July, page 40*

Wally Marra's "Drifter", September, page 39  
S. Hall, September, page 39  
S. Hall, *Advisory Circular 20-86 "Aviation Education Through Building an Airplane"*,  
October, page 41  
Wortmann *low-speed airfoils*, November, page 36  
S. Hall, November, page 36  
S. Hall, December, page 34  
*Bede exploring sailplane market*, December, page 34  
National Association of Sport Aircraft Designers, *NASAD*, December, page 35

## Letter

*Critique. Remember the little guy*, January, page 2  
Paul A. Kurbjun, *How about tricycle landing gears?*, January, page 3  
*Rebutting a rebuttal*, January, page 3  
Geof Steele, *Rebutting a rebuttal: Libelle*, January, page 3  
*Better a near miss than a fallen angel*, January, page 3  
*Power training for soaring*, January, page 3  
*Playing with numbers*, January, page 4  
*Helping the direct way*, February, page 2  
*Index of cross-country performance*, February, page 2  
Dennis Harmon, *Index of cross-country performance, reply to*, February, page 2  
*For the cost of one raid*, February, page 3  
*Lap racing and togetherness*, February, page 3  
*The Mojave petroglyphs*, February, page 3  
*Optimum final glide speed*, February, page 4  
*Make noise for silent flight*, February, page 4  
*A message missed*, March, page 2  
*Discount prices?*, March, page 2  
*Power pitch*, March, page 2  
George Moffat, *Slipping and skidding vs coordinated turns*, March, page 4  
*A "Cu" pin with emeralds?*, March, page 6  
Bernald S. Smith, *A "Cu" pin with emeralds? Reply to*, March, page 6  
*Airspace*, April, page 2  
*Trailer graphics*, April, page 2  
*FAA action regarding airspace*, April, page 2  
*Noise: Ford vs Schweizer, cont'd*, April, page 2  
*Time heals many things*, April, page 3  
*Atlas didn't shrug*, April, page 3  
*Clear-vision panels*, April, page 3  
*How to avoid collisions: use your head*, April, page 3  
*Blanik airspeed corrections*, April, page 6  
*Weekday discount tried*, April, page 6  
John Luttrell, *Blanik airspeed corrections*, April, page 6  
*Differentiating insurance costs*, April, page 6  
John Luttrell, *Demurrers from Kirchheim*, May, page 2  
*Attention, Cherokee owners*, May, page 2  
*Timeliness and lead-time*, May, page 3  
*Reply to "Timeliness and lead-time"*, May, page 3  
J. McMasters, *The Wortmann airfoil catalogue*, May, page 3  
Geof Steele, *Credit where credit is due*, May, page 3  
*Duster association: A 13-meter contest?*, May, page 4  
*Better late than never*, May, page 4  
George D. Worthington, *Tell it like it is?*, May, page 6  
Stephen Du Pont, *Cheap gliders*, May, page 8  
*Glider vs. power training - a CFI view*, May, pages 5,11

*Using the yaw string to center thermals*, May, page 8  
*Hurrah for Stan Hall!*, June, page 2  
Geof Steele, *Dick Schreder on the SSA, the FAA and the CIVV*, June, page 3  
*Canadian invitation*, June, page 4  
*Slipping and skidding, con't*, June, page 4  
*A dangerous precedent*, June, page 5  
*On the ball, Central Indiana Soaring Society, Indianapolis, Indiana*, June, page 6  
*Baring & sharing mistakes, Si!*, June, page 6  
*Baring & sharing mistakes, NO!*, June, page 6  
*Pop rivets*, June, page 8  
*Ridge soaring cloudstreets*, June, page 8  
*EAA and SSA*, July, page 2  
Stephen Du Pont, *Gap sealer*, July, page 3  
*Catharsis and learning reinforcement*, July, page 3  
*HP-11 modification*, July, page 3  
*The Mohawk way*, July, page 4  
*The ultimate do-it-yourselfer? Tocumwal Soaring Centre*, July, page 4  
Dore J. Montes, *Want to fly the Himalayas?*, July, page 5  
Tony Ryan, *Means and the means*, July, page 27  
William B. Cleary, *Competing in the humility machine*, July, page 27  
Joseph S. Johnson, *Too much, too soon?*, July, page 27  
*Now is the time*, August, page 2  
*Scoring systems Attention contest pilots*, August, page 2  
*A checkout payoff*, August, page 3  
*The way to go, Holbrook, W. C. , JI 73 ?20 Yaw strings: the simplest explanation*, August, page 3  
Thomas Beltz, *Just for the hell of it?*, August, page 3  
*The Javelin*, August, page 4  
*The straight wing - don't knock it!*, August, page 4  
*An offer to help*, August, page 4  
Laszlo Horvath, *90 mph: too fast in a 1-26? reply to*, August, page 5  
*Uncoordinated turn stalls*, August, page 5  
Max Peterson, *The Javelin: reply to*, August, page 5  
*90 mph: Too fast in a 1-26?*, August, page 5  
*Calculating the whole tow*, August, page 30  
*A fine feathered friend: soaring in Mexico*, August, page 31  
*Ax takes Swedish Nats*, August, page 32  
*In-flight noise measurement*, August, page 32  
*Time for a freeze?*, September, page 2  
*All right, Dad!*, September, page 3  
*First national hang gliding meet*, September, page 4  
*Mano a mano reply*, September, page 4  
John Firth, *HP-11 modifications cont'd.*, September, page 4  
*Three useful electronic circuits for sailplanes*, September, page 6  
Geof Steele, *Rules needed "The flap flap, cont'd"*, October, page 2  
*low-cost i.e. Cheapsoaring*, October, page 3  
Thomas Beltz, *On birds*, October, page 3  
*Memorial gift*, October, page 5  
Gus Briegleb, *BG plans and kits*, October, page 5  
*South African invitation*, October, page 7  
Rudy Allemann, *The nationals rescored*, October, page 8  
Volmer Jensen, *Bottoms up*, October, page 8  
*Cheers and tips for the team*, November, page 2  
*Accessories A dolly handle*, November, page 2

*Fly American at Waikerie*, November, page 2  
*Production costs Volume is the answer*, November, page 3  
*Kids are serious*, November, page 3  
*Contest scoring better as it is*, November, page 3  
*The Marske "Pioneer"*, November, page 4  
*Kansas stubble fire*, December, page 2  
*Putting fun back in off-field landings*, December, page 2  
*Attention BG-12 owners*, December, page 3  
*Trailer solves garage impasse*, December, page 3  
Marion Griffith and Douglas Lamont, *Answer to: Hang gliding, the executive director, and SOARING*, December, page 4  
Robert T. Lamson, *ALCOR three-view*, December, page 5  
Richard H. Johnson, *Scoring proposal critique*, December, pages 5,  
*Std. class definition: the first was best*, December, page 5

### **SSA in Action**

*Big noise of 1972*, February, page 6  
*Joy of soaring, by Conway, Carle*, February, page 7  
*Kansas Soaring Association May Host Women's Beet*, February, page 9  
*New directors elected*, February, page 9  
Geof Steele, *National records for standard class*, February, page 9  
*Issues film catalogue*, February, page 11  
*Christinas bonanza*, February, page 11  
*Second annual soaring convention, San Antonio, Texas*, March, page 7  
*Warren Eaton memorial trophy won by Helen Dick*, March, page 8  
*Lilienthal Medal won by Karl Striedieck*, March, page 8  
Bertha M. Ryan, *Women soaring pilots newsletter*, March, page 10  
*FFA tightens CFI launch limitations removal*, March, page 11  
*Kestrel 19 ATC'D*, March, page 12  
*Soaring for diamonds, Lincoln, Joseph C., now available in paperback*, March, page 13  
*Jon McMurty Top non-commercial instructor, 1972*, April, page 8  
*Awards suggested*, April, page 8  
*Texas U gets Parker sailplanes*, April, page 9  
*Office installs telephone answering device*, April, page 9  
*Don Monroe Joins SSA staff*, April, page 9  
*US pilot entry priority lists*, April, page 10  
Joseph C. Lincoln, *Soaring on the wind*, April, page 10  
*Second annual Smirnoff sailplane derby, Los Angeles, CA*, May, page 9  
Ray Shamblen, *Sailplane census*, May, page 9  
Bill Ivans and Robert H. Buck, *CIVV meeting, Paris, France*, May, page 10  
Richard Schreder and Geof Steele, *An HP-17 for Chester?*, May, page 11  
*New SSA state governors*, May, page 12  
*New SSA state governors*, May, page 12  
*International Women's international meet fund*, May, page 12  
*Spring soaring symposium*, May, page 12  
*Standard class trophy fund*, May, page 13  
*Do you have a calendar photo?*, May, page 13  
*Long soaring flights survey*, May, page 13  
*New Zealand nationals decide world team*, May, page 14  
Geof Steele, *"Legal" water for the Standard Libelle*, May, page 14  
*14th Congress, OSTIV, Waikerie, Australia*, June, page 12  
*Nugget testing*, June, page 14  
George H. Phinney, June, page 15  
Kirk Norris, June, page 15  
*Gus Scheuer, soaring pioneer*, July, page 7

- A.J. Smith, *SSA sailplane design competition*, July, page 8  
*"Mescalero" design revealed*, July, page 8  
Marion Griffith, *Official opening: National Soaring Museum, Elmira, New York*, July, page 8  
*FAA-SSA motorgliding meeting*, July, page 9  
Sunny Vegso, *The women's team: can you help?*, July, page 10  
*New SSA governor of North Dakota*, July, page 11  
*Senior pilot citation of National Pilots Assn. won by M. R. Nevin, sailplane pilot*, July, page 11  
Robert Semans, *Region Eleven Contest, Redding, California*, July, page 11  
James W. Simmons, Jr., *Fred Slingsby*, July, page 13  
*Parker Leonard*, July, page 13  
Geof Steele, *4th US National Standard Class Soaring Championship, Chester, South Carolina*, August, page 7  
*Chocteau Field, Great Falls, Montana*, August, page 7  
*Wins US standard class championship*, August, page 7  
Jack Olson, *Big Sky gypsy soaring camp*, August, page 7  
Hope Howard and Judith R. Hutchinson, *Region Four North Contest, Frederick, Maryland*, August, page 8  
*Region four north contest, Frederick, Maryland*, August, page 8  
*Winner in region four north contest, Frederick, Maryland*, August, page 8  
*Slingsby Model T-51 Dart has severe metal corrosion on spar*, August, page 8  
*1-26, North American soaring championships. Black Forest Gliderport, Colorado*, August, page 8  
Sam Francis, *Region one contest, Warren, Vermont*, August, page 10  
Wylie Mullen, *Region Seven Soaring Championships, Joliet, Illinois*, August, page 10  
Billy Hill, *Region nine contest, Waverly West Soaring Ranch, Colorado*, August, page 11  
Phil Ecklund, *Region Nine Contest, waverly west soaring ranch, Colorado*, August, page 11  
Bernald S. Smith, *1975 SSA calendar*, September, page 6  
*Computerized tasks at Waikerie*, September, page 7  
*Lilienthal meet*, September, page 8  
Rudy Allemann, *Region eight contest, Ephrata Airport, Washington*, September, page 8  
Lawrence Wood, *Region ten east, contest, San Marcos, Texas*, September, page 9  
*1st women's world soaring contest, Leszno, Poland*, October, page 11  
*Second in women's world soaring contest, Leszno, Poland*, October, page 11  
*First in women's world soaring contest, Leszno, Poland*, October, page 11  
Roy McMaster, *Region three contest, Elmira, New York*, October, page 14  
Bernald S. Smith, *1975 SSA calendar*, October, page 14  
Liam D. English, *First director of National Soaring Museum*, November, page 7  
Elemer Balint, *Wave site research*, November, page 9  
*3rd annual John J. Montgomery hang gliding championships*, November, page 10  
*Margery Cosgrove*, November, page 12  
*Roswell E. Franklin*, November, page 12  
*John C. Carver Kolstad award winner*, December, page 3  
*Memorial plaque, Wright Brothers*, December, page 6  
*1974 symposia announced*, December, page 9  
Ralph Barnaby, *Memorial Plaque completed*, December, page 9  
John Luttrell, *Region Ten Western Meet, Odessa, Texas*, December, page 13  
Gren Seibels, *Region five contest, Chester, South Carolina*, June, pages 13,41,
- Safety Corner**  
Harry N. Perl, April, page 30  
*Accident report: Concept 70*, April, page 30  
W.H. Angleman, *Coordinated turns*, June, page 35

John A. Gavin, *Landing stalls*, June, page 35

Ken Barrol, July, page 42

Bruce Carmichael, *The spiral dive*, August, page 35

Joe Conn, *Accident report*, September, page 37

Richard Schreder, *Pilot check*, November, page 34

Richard Schreder, *Trailer checkout.*, December, page 31

### **Using the Weather**

John Aldrich, *Mountain waves*, February, page 40