Soaring Magazine Index for 1979/1979 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.

1-26

Yugoslavia Building Supercritical Wing Standard Class Sailplane, December, page 11

Aerodynamics

Stan Hall, 15-Meter Motorglider Propellers, February, page 3

Charles Fauvel, Multiplanes for HPA flight?, February, page 5

Stan Hall, How to Lay Out Airfoil Contours, Part I, Homebuilders' Hall, May, page 39

J.A. McMasters, Bennett response, *Electrostatic Drag?*, June, page 7

Wolf Elber, 3rd International Symposium on the Science and Technology of Low-Speed and Motorless Flight, June, page 31

Stan Hall, Structures How to Lay Out Airfoil Contours Part II, June, page 38

Robert T. Jones, Minimizing Induced Drag, October, page 26

Yugoslavia Building Supercritical Wing Standard Class Sailplane, December, page 11

Design

Jim Nash-Webber, Chrysalis, October, page 36

Flight Tests

Richard Johnson, A Flight Test Evaluation of the PIK-20D-78, January, page 26

R. Johnson, A Flight Test Evaluation of the Janus, March, page 14

Richard Johnson, A Flight Test Evaluation of the Schempp-Hirth Janus, March, page 999

Richard Johnson, A Flight Test Evaluation of the Standard Jantars 1 and 2, July, page 20

Richard Johnson, A Flight Test Evaluation of the Mosquito, August, page 36

Richard Johnson, A Flight Test Evaluation of the Zuni, September, page 36

B. Tuncks, Flight Test Data: Instruments Only vs Reference Sailplane Accuracy, November, page 2

Affiliates, Chapters, and Clubs

Jan Scott, April, page 26

Nancy Zirkle, Get in SHAPE to Soar Cheap, May, page 2

B. Kirby, Badge Flights Diamond Fever, Taos Fly-In, July, page 28

A Club History Book, July, page 40

Club Information Solicited, July, page 40

M. Silver, Aero Club Albatross Golden Anniversary, August, page 42

M. Silver, Oregon Sailplane Council moves, August, page 42

T. Blakenship, The Taos Soaring Club Fiesta, September, page 3

B. Young, Aero Club Albatross 50th Anniversary, SSA In Action, September, page 14

M. Silver, Caprock Soaring Club new newsletter., September, page 45

M. Silver, Seattle Glider Council carpool, September, page 45

Central Louisiana Soaring Society comebackSilver, M., September, page 45

Cleveland Soaring Society, new base at Liberty airpark. Silver, M., September, page 45 Michelle Silver, October, page 46

Accent on Clubs

Shelley Hoose, January, page 45

S. Hoose, February, page 46

S. Hoose, July, page 40

Michelle Silver, November, page 45

Michelle Silver, December, page 46

Awards

Liam English receives SSA Exceptional Achievement Award, The Chicago Convention, April, page 7

- 2 - Awards

Charles McKinnie receives SSA Exceptional Service Award, The Chicago Convention, April, page 7

Paul Tuntland Award given to team of investigators, The Chicago Convention, April, page 7

W. Cleary, Helmut Reichmann nominated for Lillenthal Medal, 1978, The CIVV Report, July, page 18

August Raspet

John Lee, August Raspet Memorial awarded to John Monnett, Oshkosh Report, October, page 8

Barringer

Wally Scott receives Barringer Memorial Trophy, The Chicago Convention, April, page 7

Receives Barringer Memorial Trophy, The Chicago Convention, April, page 7

Eaton

Receives Eaton Trophy, The Chicago Convention, April, page 7

Ted Sharp, Looking Backward: Warren E. Eaton Memorial Trophy, June, page 15

Exceptional Achivevement

Receives SSA Exceptional Achievement Award, The Chicago Convention, April, page 7

Exceptional Service

Receives SSA Exceptional Service Award, The Chicago Convention, April, page 7

Hall of Fame

L. English, C. Decker and B. Coverdale selected for Soaring Hall of Fame, April, page 14

Kolstad

Kolstad Award winners announced, January, page 7

Records and Record Flights

National New O&R Claims, Doris Grove, Tom Knauff, June, page 9

Tissandier

Tissandier Diploma Awarded to Gus Scheurer, October, page 9

Birds

Edward J. Gardyan, The Albatross Dynamic Soaring Technique, March, page 3

Jack Greene, Dynamic Soaring - It's For the Birds, May, page 5

I. Taylor, A Vote for Albatross Dynamic Soaring, July, page 3

Ray Reiffer, Variable Geometry and the Monarch Butterfly, December, page 3

Book Review

Doug Lamont, "Soaring Flight of Monarch Butterflies", by D. Gibo and M. Pallett, November, page 9

Brickner, Cindy

Employees

M. Silver, Meet Cindy Brickner, August, page 6

Certification

- F. Blossom, NPRM to Extend Duration of Experimental Certificates, May, page 10
- F. Blossom, Future Certification Regulation for sailplanes and motorgliders, June, page 8
- F. Blossom, Experimental-Exhibition/Racing Sailplanes Certification, Washington Update, June, page 8

Aircraft Airworthiness Certificate Extension, September, page 14

- F. Blossom, Experimental Sailplane Licensing, Washington Update, November, page 6
- F. Blossom, Licensing of new imported sailplanes, , Washington Update, November, page 6

Competitions

George Moffat, Better and Cheaper Contests, January, page 48

Gren Seibels, Sorcerer's Apprentice, March, page 23

George Moffat, Safety, Myths, and Contest Flying, Soaring to Win, March, page 38

George Moffat, Sealing, Tuning, and Fettling, April, page 38

John Price, In Defense of Computers, May, page 43

Derby Ups 'n' Downs, June, page 10

- G. Uveges, A Torrey Pines Album, Torrey Pines Midwinter Soaring Championships, 1979, June, page 22
- G. Moffat, One Day's Flight, July, page 38
- G. Moffat, Flights A Contest Day, July, page 38
- F. Herbert, European Competition Rundown 1979, September, page 19
- G. Moffat, Philosophy Attitudes that Win, September, page 43
- F. Conner, Knock it Off, George, October, page 4
- R. Allemann and W. Scott, Competing in the Vega, November, page 24

Pilots Ponder SSA Contest Division, December, page 7

International

D. Marsden, 15-Meter Canadian 15-Meter Development, July, page 14

National

The 1978 US National and Regional Champions, January, page 14

J. Joss, *The 46th US National Unlimited Soaring Championships*, September, page 24

Ted Li, *The 4th National 15-Meter Class Soaring Championships*, October, page 18 Sherrill Bredfeldt, *The 10th Annual Standard Class Championships*, December, page 32

Regional

Gren Seibels, Region Five North Contest, 1979, July, page 15

Region Eleven Contest, 1979, August, page 12

Region Eight Contest, 1979, August, page 13

Aimai Knypstra, Region Twelve Contest Report, 1979, September, page 17

Don Taylor, Region Seven Sports Class Contest, 1979, SSA in Action, October, page 11

S. Speciale, Region Eleven Top Five Correction, November, page 5

Terry Traver, Western Region Sports Class Contest, 1979, November, page 14

Gren Seibels, Region One Contest 1979, November, page 15

Bob Grey, Region Five South Contest 1979, November, page 16

Siegfried Rupp, Region Ten South Contest, November, page 17

Liam English, Region Three Contest, December, page 13

Region Six South, Region Six West, Region Seven, and Region Nine summary report, December, page 14

Sports Class

Aimai Knypstra, Third Annual Sports Class Contest Seminar, March, page 12

Women

Gwyn Gordon Declines Selection for US Team in Women's European Championships, June, page 3

W. Cleary, FAI European Gliding Competition for Women, CIVV Report, July, page 18

World

George Moffat, US Team Selection Update Needed, February, page 38

Conferences and Conventions

EAA Symposium, FAR's for an aircraft recreational vehicle?, January, page 6

Aimai Knypstra, Third Annual Sports Class Contest Seminar, March, page 12

The Chicago Convention, April, page 7

Part I Symposium Proceedings Issued from 3rd International Symposium on Low-Speed and Motorless Flight, September, page 10

Victor Saudek, A Short History: The FAI Badges, October, page 33

John Lee, SSA Homebuilders Workshop, November, page 18

Michelle Silver, The Sierra Soaring Seminar, December, page 22

Construction and How-To

Pem Drinker and A. Anderson, *Thermal generator launcher report*, January, page 3

Peter M. Newgard, Gusts and Gust Filters, January, page 40

Les Sebald, About barographs, January, page 51

Peter Boemer, Yaw strings, February, page 3

L. Sebald, *Blind flying*, *barograph calibration charts*, *HP-14 landing gear problems*, February, page 42

John Firth, Gust filters, March, page 3

Carl Herold, Passive retroreflective array. Radar Tracking of Sailplanes, March, page 29

Raouf Ismail, Guidelines for Variometer Evaluation, April, page 33

Les Sebald, Radio Radio Installation - Part I, Maintenance and Projects, April, page 42

Hermann Dusek, A Tactile Speed-to-Fly Indicator?, May, page 17

C. Gordon "Doc" Livingston, Designing a Sport Canopy, May, page 25

Stan Hall, How to Lay Out Airfoil Contours, Part I, Homebuilders' Hall, May, page 39

R.[or E.?] Jones, Gust vs. Short-period Lift Discrimination, June, page 5

Wolf Elber, 3rd International Symposium on the Science and Technology of Low-Speed and Motorless Flight, June, page 31

Stan Hall, Structures How to Lay Out Airfoil Contours Part II, June, page 38

Les Sebald, A Car Charger for Your Ship, June, page 42

Victor Saudek, Basic Barographics, Part I, July, page 24

Harry Senn, Engineering a 1-Man 1-26 Assembly, July, page 32

Raouf Ismail, A Layman's Guide to Total Energy, July, page 36

Victor Saudek, Basic Barographics, Part II, August, page 26

Les Sebald, Letters on antennas, mike amplifiers, and artificial horizons, August, page 40

Les Sebald, About Canopies, Part I, Maintenance and Projects, September, page 40

Les Sebald, About Canopies, Part II, October, page 50

Les Sebald, Instruments - radios Crew Car Radio Tips, Maintenance and Projects, November, page 43

John Robinson, Kerosene and Canopies, December, page 5

Sailplanes

Les Sebald, Radio Installation-Part II, May, page 48

Cover

Bert Small, Cover photo, January, Covers

George Uveges, Lark, February, Cover

Susan Grosek, Wave at Estrella Gliderport and 2-33's, March, cover

Bruce Grumstrup, 1-26, April, Cover

George Uveges, Torrey Pines, May, cover

Don Monroe, Gossamer Albatross, June, Cover

D. Monroe, Gossamer Albatross, June

Susan Grosek, Janus and Jantar 2a, August, cover

Wolfgang Obst, SGS 1-34, September, Cover

Don Monroe, October, Cover

Laszlo Horvath, 2-33's, November, Cover

David Mittendorf, Northeastern Gliderport, Salem Massachusetts, December, cover

Crewing

Frank Kelsey, Irv Prue, the one-man crew, January, page 36

Robert E. Gaines, The Ground Crew or Out to Launch, September, page 46

Economics

George Moffat, Better and Cheaper Contests, January, page 48

B. de Saro, To Buy or Not To Buy, February, page 47

Kenneth Striplin, FLAG-A Low-cost L/D Stretcher, May, page 32

Stan Hall, The Selling Price of Homebuilts, June, page 26

Equipment

- 5 -Equipment

Les Sebald, Instruments - radios Crew Car Radio Tips, Maintenance and Projects, November, page 43

Batteries

Batteries Airworthiness directive, Li SO2 batteries, SSA in Action, May, page 12

FAI

Badges

New B and C Badge Requirements, October, page 8

Federation Aeronautique Internationale

Badge List

January, page 999 February, page 999 March, page 999 April, page 999 May, page 999

June, page 999

July, page 46 August, page 44

September, page 48

October, page 48

November, page 47

December, page 49

Films

Public Television Airs New Weather Program, SSA in Action, January, page 4 Ted Janczarek, Filming the Disney Sky Trap, April, page 28

Flight Stories

Bob Grey, Down and Out, January, page 16

Jim George, Two Long Final Glides, February, page 28

Dan Danieli, Almost Getting There Is Half the Fun, March, page 31

John Harvey, *Towline Adventure*, April, page 20

Ted Janczarek, Filming the Disney Sky Trap, April, page 28

Ken Stuckas, To Armageddon and Return, May, page 20

B. Kirby, Badge Flights Diamond Fever, Taos Fly-In, July, page 28

Hans-Werner Grosse, Breaking Records in Australia's Outback, December, page 16

Fournier RF-9

Ted Li, The 4th National 15-Meter Class Soaring Championships, October, page 18 France

D, The 16th World Gliding Championships. Chateauroux! Lamont, October, page 14

Gossamer Albatross

Don Monroe, Gossamer Albatross, June, Cover

History

Ted Sharp, Looking Backward, January, page 11

Jan Scott, April, page 26

Ted Sharp, Looking Backward: Warren E. Eaton Memorial Trophy, June, page 15

F. Hefty, *Honoring the Pioneers*, October, page 5

W. English, Floyd Sweet elected National Soaring Museum president, October, page 9

Victor Saudek, A Short History: The FAI Badges, October, page 33

Ted Sharp, Looking Backward Detroit Gull, November, page 13

T. Sharp, December, page 10

Sites

Illustrations

Ted Sharp, Harris Hill, Looking Backward, February, page 12

Homebuilding

Icarus V becomes museum piece, January, page 8

FLAG, Ultralight News, January, page 11

L. Hall, The Quadruplane, A Step Closer to Personal Flight?, January, page 20

Dick Clawson, Soaring fun the easy way, February, page 3

Stan Hall, 15-Meter Motorglider Propellers, February, page 3

Charles Fauvel, Multiplanes for HPA flight?, February, page 5

SSA homebuilders directory, February, page 9

Prometheus Unbound, February, page 13

Mike Adams, The PIK-20E, February, page 14

Homebuilder News, March, page 7

MacCready HPA groomed for channel flight, SSA in Action, March, page 9

Monnett Hosts Monerai Builders, March, page 10

Forrest W. Blossom, Part Substitution and Plan Modifications, March, page 11

Raouf Ismail, Buying a ship? Beware of Liens, April, page 3

Minibat, Ultralight News, April, page 13

VSA plans project, April, page 14

George Moffat, Sealing, Tuning, and Fettling, April, page 38

B. Utley and F. Blossom, Status Report on Airspace Reduction Proposals, May, page 6

Les Sebald, Test reopens soaring airspace to 26,000 feet, May, page 9

F. Blossom, *Motorglider Pilots License? From the Executive Director*, May, page 10 May, page 11

Kenneth Striplin, FLAG-A Low-cost L/D Stretcher, May, page 32

P. MacCready, The Albatross Gossamer and the ULCC; response, C. Ellison, June, page 6

F. Blossom, Future Certification Regulation for sailplanes and motorgliders, June, page 8

F. Blossom, Federal Airspace Grab, June, page 8

F. Blossom, Experimental-Exhibition/Racing Sailplanes Certification, Washington Update, June, page 8

SSA'er Makes First Solar Powered Flight, SSA in Action, June, page 9

Goldwing, Ultralight News, June, page 13

Mitchell Wing Power Meet, Ultralight News, SSA in Action, June, page 14

Ultralight News: Hawaiian Design-Bluebird, June, page 15

June, page 16

Stan Hall, The Selling Price of Homebuilts, June, page 26

Wolf Elber, 3rd International Symposium on the Science and Technology of Low-Speed and Motorless Flight, June, page 31

Stan Hall, Structures How to Lay Out Airfoil Contours Part II, June, page 38

MacCready Departs for England with Gossamer Albatross, June, page 999

D. Monroe, Gossamer Albatross, June

D. Marsden, Unlimited Class Variable Geometry Canadian 15-Meter Development, July, page 4

F. Blossom, FAA's Unannounced "Scheduled" Meetings, July, page 8

August, page 10

LTB, original design by Larry Linville and Vana Tribbey-Linville, Homebuilder News, August, page 11

Jack Lambie, The Triumph of Paul MacCready's Gossamer Albatross, August, page 14

George Moffat, Getting to Know the Monerai, August, page 32

K. Striedieck, Sharing Airspace with the Military, September, page 2

J. Lavanne, Human-powered And. Now, A Transatlantic HPA?, September, page 3

L. Mauro, *Ultralights - Self Launch Coming: the Solar Powered Self-Launch*, September, page 4

September, page 15

Robert Rodwell, Motorgliders at Paris Airshow, October, page 11

U-2, Ultralight News, October, page 12

Flying Wing AV-451 designed by Charles Fauvel, Overseas News, October, page 13

Brian Utley, The SSA President's Report, October, page 14

Jim Nash-Webber, Chrysalis, October, page 36

G. Uveges, New European Racers, November, page 2

F. Blossom, Motorglider study, , Washington Update, November, page 6

F. Blossom, NPRM 78-19 withdrawn, Washington Update, November, page 6

John Lee, SSA Homebuilders Workshop, November, page 18

Max Bachmann, Canard, centerfold photo, November, page 30

Stan Hall, A Homebuilders' Division in SSA?, November, page 42

Ray Reiffer, Variable Geometry and the Monarch Butterfly, December, page 3

NASA High-Altitude Sailplane Studies, December, page 7

More on the AS-W 22, December, page 11

Yugoslavia Building Supercritical Wing Standard Class Sailplane, December, page 11

Stan Hall, Homebuilder News, December, page 43

A. Backstrom, *The Auxiliary-Powered Sailplane as A Homebuilding Project*, December, page 999

HomebuildingExperimental Aircraft Association

EAA Symposium, FAR's for an aircraft recreational vehicle?, January, page 6

Illustrations

George Uveges, Down and Out, January, page 16

Bob Lovejoy, No-strings-attached light multiplanes sketches, January, page 25

Rudy Obrero, Illustrations, Two Long Final Glides, February, page 28

Gil Parcell, Hey, Let's Fly It Back to the Hangar!, February, page 36

Rudy Obrero, Almost Getting there is Half the Fun, March, page 31

G. Parcell, Cartoons Gaggle Etiquette, April, page 17

F. Kelsey, A Trailer is a Trailer is a Trailer..., April, page 36

J. Lee, Limited Edition Libelle Prints, May, page 15

Jim Foreman, Air-to-Air Photography I: Shooting Sailplanes, May, page 28

Jim Foreman and Eric Greensell, Air-to-Air Photography II: Air-to Air Weaponry, May, page 29

L. Sniijders, Slope Soaring in Holland, May, page 41

G. Uveges, A Torrey Pines Album, Torrey Pines Midwinter Soaring Championships, 1979, June, page 22

D. Monroe, Gossamer Albatross, August, page 14

J. Beghin, Gossamer Albatross, line drawing cockpit, August, page 17

Tom Stewart, Sherman Griffith in His Nimbus II, September, page 28

Tom Stewart, Centerfold picture of Glasflugel 604, September, page 28

L. Horvath, 2-32F 78 Ultralight canard; M. Bachmann, November, page 30

R. Lipking, Map of the Mojave, November, page 34

Instruction

John Harvey, Towline Adventure, April, page 20

Don Slotten, Pilot Proficiency Award Program, September, page 13

Instruments

Peter M. Newgard, Gusts and Gust Filters, January, page 40

Insurance

B. Smith, SSA Sailplane Insurance Program, February, page 11

Hull and Liability Program policy delay, September, page 13

J. Sinclair, Insurance Gouging, November, page 5

International

Australia

Hans-Werner Grosse, Breaking Records in Australia's Outback, December, page 16

Brazil

Celso Leonidas Coehlo De Souza, *An invitation from Los Planadores Albatros Brazil*, March, page 2

France

J. Faliu, The French (Soaring) Connection, June, page 3

Israel

- 8 - International

Ken Stuckas, To Armageddon and Return, May, page 20

Lark

Dick Huppertz, Two for Two: Nadia, the Romanian Lark, February, page 21

Launching

Aerotow

Tom Knauff, Use of Rudder on Aerotow, July, page 41

Legislation

Robert D. Blacker, Lark rudder pedal hang-up, January, page 3

LS-3 and LS-1F, January, page 4

EAA Symposium, FAR's for an aircraft recreational vehicle?, January, page 6

New Blanik Airworthiness Directive, January, page 12

Forrest W. Blossom, SSA Executive Director Airspace Action Report, March, page 6

Carl Herold, *Passive retroreflective array. Radar Tracking of Sailplanes*, March, page 29 Henry Mangels, 2-22 *bellcrank failure*, May, page 3

B. Utley and F. Blossom, Status Report on Airspace Reduction Proposals, May, page 6

Les Sebald, Test reopens soaring airspace to 26,000 feet, May, page 9

F. Blossom, Motorglider Pilots License? From the Executive Director, May, page 10 Batteries Airworthiness directive, Li SO2 batteries, SSA in Action, May, page 12

F. Blossom, Federal Airspace Grab, June, page 8

F. Blossom, Experimental-Exhibition/Racing Sailplanes Certification, Washington Update, June, page 8

F. Blossom, Future Certification Regulation for sailplanes and motorgliders, June, page 8

F. Blossom, FAA's Unannounced "Scheduled" Meetings, July, page 8

Forrest W. Blossom, Periodic Aircraft Registration Report, Washington Update, July, page 8

John Dezzutti, Florida Airport to be Reopened to Sailplanes, August, page 4

Forrest W. Blossom, Washington Update, August, page 4

Don Slotten, Pilot Proficiency Award Program, September, page 13

Aircraft Airworthiness Certificate Extension, September, page 14

N. Zirkle, What One Responsible Person Can Do, October, page 5

Manufacturer's Airworthiness Directives, October, page 42

F. Blossom, NPRM 78-19 withdrawn, Washington Update, November, page 6

F. Blossom, Experimental Sailplane Licensing, Washington Update, November, page 6

F. Blossom, Airport Utilization, , Washington Update, November, page 6

F. Blossom, Periodic Aircraft Registration Report, November, page 6

Slingsby Vega, November, page 28

Literature

B. Smith, Motorgliding Magazine incorporated into Soaring Magazine, January, page 9

Jim George, Two Long Final Glides, February, page 28

1-26 Log Marks Silver Anniversary, July, page 9

A Club History Book, July, page 40

J. Dezzutti, OSTIV Forecasting Handbook Now Available, August, page 9

Part I Symposium Proceedings Issued from 3rd International Symposium on Low-Speed and Motorless Flight, September, page 10

Doug Lamont, "Soaring Flight of Monarch Butterflies", by D. Gibo and M. Pallett, November, page 9

Book Review

George Moffat, "Cross-Country Soaring", by Dr. Helmut Reichmann, January, page 9

John Joss, "There's No Such Place as Far Away" by R. Bach, July, page 14

Eleanor Friede, Equal Time, book review of "There's No Such Place as Far Away" by R. Bach, July, page 14

Medical

Robert Keyes, Expediency, February, page 36

- 9 - Medical

George Moffat, Safety, Myths, and Contest Flying, Soaring to Win, March, page 38

Gren Seibels and Gil Parcell, Gaggle Etiquette, April, page 45

Walt Mooney, The Need for Spin Instruction, May, page 47

Rathen Templeton, Attitude Flying, August, page 41

Robert E. Gaines, The Ground Crew or Out to Launch, September, page 46

Stephen Du Pont, Hurry Up and Kill Yourself, October, page 42

Meteorology

Pem Drinker and A. Anderson, Thermal generator launcher report, January, page 3

Public Television Airs New Weather Program, SSA in Action, January, page 4

Forecasting Complete World Weather Observation, Using the Weather, March, page 42

J. Dezzutti, OSTIV Forecasting Handbook Now Available, August, page 9

New Sensor Helps Trace High Altitude Circulation, October, page 43

New Sensor, OSTIV forecasting seminar. Using the Weather, October, page 43

C. Stanton, Another Source of Lift?, November, page 3

NASA High-Altitude Sailplane Studies, December, page 7

Motorgliders

Robert Rodwell, Motorgliders at Paris Airshow, October, page 11

Pik-20E

Mike Adams, The PIK-20E, February, page 14

Museums

Icarus V becomes museum piece, January, page 8

W. English, Looking Backward: Floyd Sweet Elected National Soaring Museum president, October, page 9

Obituaries

Bill Brinkman and Tony Benson, In Memoriam - Horward Gordon, April, page 17

D. Lamont, Anne Briegleb In Memoriam, June, page 18

George Moffat, Doug Gaines, June, page 40

Charles H. Gale, In Memoriam, August, page 13

Vera Williams, In Memoriam, August, page 13

Williams, Vera, In Memoriam, August, page 13

John Joss, Jack Bamberg, In Memorlam, September, page 19

B. Smith, Jean Doty, In Memoriam, December, page 13

OSTIV

J. Dezzutti, OSTIV Forecasting Handbook Now Available, August, page 9 Chuck Lindsay attends forecasting seminar. Using the Weather, October, page 43

Parachutes

Jim Porter, Parachute Repacks, June, page 46

People

Jack Bamberg

John Joss, Jack Bamberg, In Memorlam, September, page 19

Chip Bearden

Winner, Region 6 South 15-Meter Class, December, page 14

Tom Beltz

Winner, Region Three Contest 15-Meter Class, 1979, December, page 13

John Brittingham

Region 9, Director election winner, February, page 6

Dale Bush

Winner, 1979 Region Eight Contest Sports Class, August, page 13

Dick Butler

Winner, 46th US National Unlimited Soaring Championships, September, page 24

Walt Cawby

Winner, Region Five South Contest, Standard Class, November, page 16

Ted Clausing

Winner, Region Six West Unlimited Class, 1979-, December, page 14

- 10 - People

William Cleary

Receives SSA Exceptional Service Award, The Chicago Convention, April, page 7

Tom Cooper

Winner, 1979 Region Eleven Contest Sports Class, August, page 12

Winner, Western Region Sports Class Contest, November, page 14

B. Coverdale

L. English, C. Decker and B. Coverdale selected for Soaring Hall of Fame, April, page 14

Bill Coverdale

Liam English, Elected to Soaring Hall of Fame, April, page 999

C. Decker

L. English, C. Decker and B. Coverdale selected for Soaring Hall of Fame, April, page 14

Chet Decker

Liam English, Elected to Soaring Hall of Fame, April, page 14

Jean Doty

B. Smith, Jean Doty, In Memoriam, December, page 13

Liam English

Receives SSA Exceptional Achievement Award, The Chicago Convention, April, page 7

Chuck Forrester

Winner, Region 7 Standard Class, 1979, December, page 14

Sam Francis

Winner, Region One Contest Unlimited Class, November, page 15

Roger Frank

Winner, Region Eight Contest 15-Meter Class, August, page 13

Doug Gaines

George Moffat, Doug Gaines, June, page 40

Charles H. Gale

Charles H. Gale, In Memoriam, August, page 13

Dick Georgeson

Grosse and Georgeson Claim New Records, March, page 9

Ray Gimmey

Winner, 1979 Region Eleven Contest 15-Meter Class, August, page 12

Gwyn Gordon

Gwyn Gordon Declines Selection for US Team in Women's European Championships, June, page 3

Bob Gravance

Tom Cooper, Winner, 14th US National 1-26 Championships, November, page 33

Ben Greene

Winner, 15-Meter Class Region Five North Contest, 1979, July, page 15

Winner, Region 7 15-Meter Class, 1979, December, page 14

Hans-Werner Grosse

Grosse and Georgeson Claim New Records, March, page 9

Richard N. Hall

Region 9, Director election winner, February, page 6

Gene Hammond

Region 7, Director election winner, February, page 6

Tom Hanson

Winner, Region 6 West Standard Class, 1979, December, page 14

Carl Herold

Winner, 1979 Region Eleven Contest Unlimited Class, August, page 12

Billy Hill

Winner, Region 9 15-Meter Class, 1979, December, page 14

- 11 - People

B.J. Holden

B.J. Holden Sets National Feminine Out and Return Record, SSA in Action, January, page 10

Sabrina Jackintell

John Lee, Sabrina Jackintell claims world record, April, page 15

Richard Johnson

Winner, Region Ten South Contest Unlimited Class, November, page 17

Paul Kellas

Winner, 1979 Region Eleven Contest Standard Class, August, page 12

Robert Lamson

Region 8, Director election winner, February, page 6

Hal Lattimore

Region 10, Director election winner SSA in Action, February, page 6

Al Leffler

Winner, Unlimited Class Region Twelve Contest, 1979., September, page 17

Chris Lomax

Winner, 1979 Region Eight Contest Sports Class, August, page 13

Peter Lyons

Winner, Air New Zealand Derby, 1979, June, page 10

Charles McKinnie

Receives SSA Exceptional Service Award, The Chicago Convention, April, page 7

John Monnett

John Lee, August Raspet Memorial awarded to John Monnett, Oshkosh Report, October, page 8

Mike Moore

Don Slotten, New SSA Flight Training Chairman, October, page 9

Jeffrey Omhart

Kolstad Award winners announced, January, page 7

Mike Opitz

Winner, Region One Contest Standard Class, SSA in Action, November, page 15

Bill Ordway

Winner, Region 9 Standard Class, 1979, December, page 14

Danny Pierson

Winner, Standard Class Region Twelve Contest, 1979, September, page 17

Derek Piggott

Shelley Hoose, M-ASA instructional soaring seminar, March, page 44

Irv Prue

Frank Kelsey, Irv Prue, the one-man crew, January, page 36

Christopher Reeve

M. Silver, Cark Kent Unmasked, November, page 9

Clive Roberson

Winner, Region Five South Contest Unlimited Class, November, page 16

Gus Scheurer

Ray Young, Founder Aero Club Albatross, Honored at 50th Anniversary, September, page 14

Tissandier Diploma Awarded to Gus Scheurer, October, page 9

Richard Schmidt

Winner, Region Six South Standard Class, 1979, December, page 14

Wil Schuemann

Winner, Region 6 West 15-Meter Class, 1979, December, page 14

Wally Scott

Receives Barringer Memorial Trophy, The Chicago Convention, April, page 7
Wally Scott receives Barringer Memorial Trophy, The Chicago Convention, April, page 7

- 12 - People

Bill Seed

Winner, Region Ten South Contest Standard Class, November, page 17

John Seymour

Winner, Region One Contest 15-Meter Class, November, page 15

Ted Sharp

Receives Eaton Trophy, The Chicago Convention, April, page 7

Don Slotten

Region 12, Director election winner, February, page 6

Dan Somers

Winner, Region Three Contest Unlimited Class, 1979, December, page 13

Floyd Sweet

Region It, Director election winner, February, page 6

W. English, Looking Backward: Floyd Sweet Elected National Soaring Museum president, October, page 9

Gary Taylor

D. Hagemeister, Winner, 1979 Region Seven Sports Class Contest, October, page 11

Michael Teter

Winner, Region Three Contest Standard Class, 1979, December, page 13

Todd Tracy

Kolstad Award winners announced, January, page 7

Jim Trice

Winner, Region Five South Contest, 15-Meter Class, November, page 16

Eddie Williams

Winner, Region Ten South Contest 15-Meter Class, November, page 17

Vera Williams

Vera Williams, In Memoriam, August, page 13

Justin Wills

Winner, 10th US National Standard Class Championships 1979, December, page 38

Eric (Herb) Mozer, Winner

Ted Li, The 4th National 15-Meter Class Soaring Championships, October, page 18

Harry Wuenstel

Winner 15-Meter Class Region Twelve Contest 1979, September, page 17

Jack Wyman

Winner, Region 6 West Sports Class, 1979, December, page 14

Performance

Evaluations

L. Hall, The Quadruplane, A Step Closer to Personal Flight?, January, page 20

Stan Hall, 15-Meter Motorglider Propellers, February, page 3

Mike Adams, The PIK-20E, February, page 14

Ake Pettersson, Two for Two: Puchacz, the Polish Owl, February, page 20

Dick Huppertz, Two for Two: Nadia, the Romanian Lark, February, page 21

Richard Johnson, Measurements of Sailplane Sink Rates Between Thermals, June, page 24

Charles Klivans, Measuring Your Personal L/D, June, page 36

R. Allemann and W. Scott, Competing in the Vega, November, page 24

Philosophy of Soaring

Gren Seibels, Sorcerer's Apprentice, March, page 23

Rathen Templeton, Attitude Flying, August, page 41

Photo

George Uveges, Centerfold photo, January

Physiology

Medical

- 13 - Physiology

Don Slotten, Three Ways to Help Soaring Safety, March, page 39

Records and Record Flights

B.J. Holden Sets National Feminine Out and Return Record, SSA in Action, January, page 10

Jack Horst, Governor of What?, February, page 26

Grosse and Georgeson Claim New Records, March, page 9

John Lee, Sabrina Jackintell claims world record, April, page 15

Mike Moore, Sabrina Jackintell - Soaring for Records, May, page 18

New Record Category Established, CIVV Report, 1979, July, page 18

George Worthington, Eight out of Eight? Ultralight and Hang gliding record holder, November, page 12

Hans-Werner Grosse, Breaking Records in Australia's Outback, December, page 16

Safety

Robert D. Blacker, Lark rudder pedal hang-up, January, page 3

Robert E. Gaines, Towlines, rings, and spoilers, January, page 46

George Moffat, Safety, Myths, and Contest Flying, Soaring to Win, March, page 38

Don Slotten, Three Ways to Help Soaring Safety, March, page 39

Tommy Thomason, Little Things, March, page 40

Chris Baker, Mnemonics for spoiler safety, May, page 5

Airworthiness Caution, June, page 17

Tom Knauff, Use of Rudder on Aerotow, July, page 41

Jim Nash-Webber, Caught on Top?, November, page 28

Eric Greenwell, Towrope Breaks, November, page 28

Legislation

F. Blossom, New Safety-Belt Regulations, June, page 18

Sailplanes

Frank Kelsey, Irv Prue, the one-man crew, January, page 36

Peter M. Newgard, Gusts and Gust Filters, January, page 40

John Firth, Gust filters, March, page 3

Carl Herold, Passive retroreflective array. Radar Tracking of Sailplanes, March, page 29

Les Sebald, Oxygen Systems - a few tips, March, page 36

F. Kelsey, A Trailer is a Trailer is a Trailer..., April, page 36

Six-Channel Kit Transceiver, May, page 17

C. Gordon "Doc" Livingston, Designing a Sport Canopy, May, page 25

F. Blossom, New Safety-Belt Regulations, June, page 18

W. Scott, An Answer to Tape Problems, self-adhesive Teflon tape, September, page 4

Les Sebald, About Canopies, Part I, Maintenance and Projects, September, page 40

Les Sebald, About Canopies, Part II, October, page 50

John Robinson, Kerosene and Canopies, December, page 5

2 G

F. Vasegaard, 2 G, Vintage Danish, October, page 2

AV-451

Flying Wing AV-451 designed by Charles Fauvel, Overseas News, October, page 13

Blanik

New Blanik Airworthiness Directive, January, page 12

Robert E. Gaines, Towlines, rings, and spoilers, January, page 46

Tim Heneghan, Blanik, July, Cover

Glaser Dirks

G. Uveges, New European Racers, November, page 2

Glasflugel

Mosquito and Mosquito B

Manufacturer's Airworthiness Directives, October, page 42

Glasflugel 604

Tom Stewart, Sherman Griffith in His Nimbus II, September, page 28

- 14 - Sailplanes

Tom Stewart, Centerfold picture of Glasflugel 604, September, page 28

Glasflugel Mosquito and Mosquito B

October, page 42

Jantar 2a

Richard Johnson, Measurements of Sailplane Sink Rates Between Thermals, June, page 24

Susan Grosek, Janus and Jantar 2a, August, cover

Janus

Susan Grosek, Janus and Jantar 2a, August, cover

John Brittingham

K. Vranken, A Treasury of Cowpoke Chapeaux, July, page 3

Ka-7

Robert E. Gaines, Towlines, rings, and spoilers, January, page 46

Lark

Robert D. Blacker, *Lark rudder pedal hang-up*, January, page 3 George Uveges, *Lark*, February, Cover

Mosquito

Richard Johnson, A Flight Test Evaluation of the Mosquito, August, page 36

Nimbus II

Richard Johnson, Measurements of Sailplane Sink Rates Between Thermals, June, page 24

Tom Stewart, Photo Sherman Griffith in his Nimbus II, September, page 24

Pik-20D-78

Richard Johnson, A Flight Test Evaluation of the PIK-20D-78, January, page 26

Puchacz

Ake Pettersson, Two for Two: Puchacz, the Polish Owl, February, page 20

Rolladen-Schneider

G. Uveges, New European Racers, November, page 2

Rollandedn-Schneider

LS-1F

Airworthiness directive, January, page 4

LS-3

Airworthiness directive, January, page 4

Schemp-Hirth

Standard Cirrus

Airworthiness Caution, June, page 17

Schempp-Hirth

Janus

Richard Johnson, A Flight Test Evaluation of the Schempp-Hirth Janus, March, page 999

Schleicher

AS-W 22

Rumor Box, New AS-W 22?, November, page 6 More on the AS-W 22, December, page 11

Schweizer

SGS 1-26

Bruce Grumstrup, 1-26, April, Cover

Charles Klivans, Measuring Your Personal L/D, June, page 36

1-26 Log Marks Silver Anniversary, July, page 9

Harry Senn, Engineering a 1-Man 1-26 Assembly, July, page 32

W. Doherty, *The Silver Anniversary 1-26*, September, page 3

G. Moffat, The Need. for a 1-26 Replacement, November, page 5

T. Cooper, The 14th US National 1-26 Championships, November, page 33

SGS 1-34

- 15 - Sailplanes

Wolfgang Obst, SGS 1-34, September, Cover

SGS 2-22

Henry Mangels, 2-22 bellcrank failure, May, page 3

SGS 2-33

Susan Grosek, *Wave at Estrella Gliderport and 2-33's*, March, cover Laszlo Horvath, 2-33's, November, Cover

Slingsby

Slingsby begins full production of the Vega, August, page 5

Vega

Slingsby Vega, November, page 28

Standard Jantars 1 and 2

Richard Johnson, A Flight Test Evaluation of the Standard Jantars 1 and 2, July, page 20

Tern

B. Kirby, Badge Flights Diamond Fever, Taos Fly-In, July, page 28

Zuni

Zuni B Model Announced, February, page 11

K. Wayt, The Zuni-How She Goes, June, page 2

G. Applebay, The Zuni's Peformance, September, page 2

Richard Johnson, A Flight Test Evaluation of the Zuni, September, page 36

Sites

Estrella

Susan Grosek, Wave at Estrella Gliderport and 2-33's, March, cover

Florida

John Dezzutti, Florida Airport to be Reopened to Sailplanes, August, page 4

Soaring Sites

George Uveges, Torrey Pines, May, cover

L. Sniijders, Slope Soaring in Holland, May, page 41

Ted Li, Adrian to Jonesville-Personal Impressions of the 4th National 15-Meter Class Soaring Championships, October, page 18

Hans-Werner Grosse, Breaking Records in Australia's Outback, December, page 16

Soaring Society of America

January, page 4

Brian Utley, From the New SSA President, January, page 4

February, page 6

Director election winners, February, page 6

B. Smith, SSA Sailplane Insurance Program, February, page 11

Jack Horst, Governor of What?, February, page 26

Forrest W. Blossom, SSA Executive Director Airspace Action Report, March, page 6 March, page 7

John Lee, New SSA Soaring News Service, March, page 12

J. Dezzutti, Looking for a Sailplane?, March, page 13

B. Utley, *The President's Message*, April, page 7

The Chicago Convention, April, page 7

VSA plans project, April, page 14

Liam English, Elected to Soaring Hall of Fame, April, page 14

Forrest W. Blossom, The SSA Executive Director's Report, April, page 18

Liam English, *Elected to Soaring Hall of Fame*, April, page 999

May, page 9

John Lee, SSA Speakers Bureau, May, page 16

June, page 8

July, page 7

Call for Regional Director Nominations, July, page 9

August, page 4

M. Silver, Meet Cindy Brickner, August, page 6

September, page 10

John Lee, The 2nd SSA Vacation Derby, September, page 20

October, page 8

Don Slotten, New SSA Flight Training Chairman, October, page 9

Brian Utley, The SSA President's Report, October, page 14

Forrest W. Blossom, October, page 15

F. Blossom, Nomination and election of SSA Officers, October, page 16

SSA Met Committee News, Using the Weather, October, page 43

D. Taber, The Women's Seminar, November, page 5

November, page 6

John Lee, SSA Homebuilders Workshop, November, page 18

S. Hall, A Homebuilders' Division in SSA? Homebuilders' Hall, November, page 42

Pilots Ponder SSA Contest Division, December, page 7

Soaring Magazine

Doug Lamont and Bernald Smith, *Centennial Salutations!*, January, page 12 *Soaring Magazine Index 1972-1977 compiled by Jean Doty*, September, page 13

Vintage Sailplane Association

Jan Scott, April, page 26

Stamps

M. Silver, A Soaring Stamp for 1980?, July, page 9

Techniques

Dynamic Soaring

Edward J. Gardyan, The Albatross Dynamic Soaring Technique, March, page 3

Jack Greene, Dynamic Soaring - It's For the Birds, May, page 5

I. Taylor, A Vote for Albatross Dynamic Soaring, July, page 3

response J. Aldrich B. Michener, *The Voltz Phenomenon, Dynamic Soaring*, September, page 6

C. Stanton, Another Source of Lift?, November, page 3

Thermal Soaring

Harro Wodl and Hermann Dusek, A Simple Method for Centering Thermals, Teaching Soaring, July, page 42

Wave

Susan Grosek, Wave at Estrella Gliderport and 2-33's, March, cover

Training

Robert E. Gaines, Towlines, rings, and spoilers, January, page 46

Robert Keyes, Landing Expediency, February, page 36

Shelley Hoose, M-ASA instructional soaring seminar, March, page 44

Gren Seibels and Gil Parcell, Gaggle Etiquette, April, page 45

Chris Backer, *Mnemonics for spoiler safety*, May, page 5

Derek Piggott, Some Observations on Instruction in the US, May, page 44

Walt Mooney, The Need for Spin Instruction, May, page 47

Tom Knauff, Use of Rudder on Aerotow, July, page 41

Harro Wodl and Hermann Dusek, A Simple Method for Centering Thermals, Teaching Soaring, July, page 42

Rathen Templeton, Attitude Flying, August, page 41

- R. Scheppe, and response T. Knauff, *On Tow: Coordinated or Rudder-Only Positioning?*, September, page 9
- S. DuPont and D. Burke, Launching More on Rudder Use During Aerotow, October, page 3

180-degree turns, October, page 42

- B. Ball, Hello Dolly, Goodbye Dolly, November, page 3
- F. Blossom, Instructor Revalidation, , Washington Update, November, page 6

Jim Nash-Webber, Caught on Top?, November, page 28

- 17 - Training

Michelle Silver, CAVU - Another Meaning, December, page 9

Travel

R. Grundy, A US /British Pilot Exchange, September, page 3

Travel Articles

John Lee, The 2nd SSA Vacation Derby, September, page 20

Ultralights

Icarus V becomes museum piece, January, page 8

Variable Geometry

Slingsby begins full production of the Vega, August, page 5

R. Allemann and W. Scott, Competing in the Vega, November, page 24

Airworthiness Directive, November, page 28

Vermont

Jack Horst, Governor of What?, February, page 26

Vintage Aircraft

VSA plans project, April, page 14

Jan Scott, April, page 26

F. Vasegaard, 2 G, Vintage Danish, October, page 2

John Lee, SSA Homebuilders Workshop, November, page 18

Vintage Sailplane News, December, page 12

Vintage Sailplane Association

John Lee, SSA Homebuilders Workshop, November, page 18

Women

B.J. Holden Sets National Feminine Out and Return Record, SSA in Action, January, page 10

Shelley Hoose, February, page 44

John Lee, Sabrina Jackintell claims world record, April, page 15

Mike Moore, Sabrina Jackintell - Soaring for Records, May, page 18

W. Cleary, FAI European Gliding Competition for Women, CIVV Report, July, page 18

D. Taber, The Women's Seminar, November, page 5

Michelle Silver, The Sierra Soaring Seminar, December, page 22

Youth

Kolstad Award winners announced, January, page 7

J. Ebersole, Ah, To Be Fourteen Again!, June, page 3

No subject

Larry Hall, The Quadruplane, A Step Closer to Personal Flight?, January, page 20

Larry Hall, Stay Close To The Mountain... A Step Closer to Personal Flight?, January, page 20

Bernald Smith, SSA Sailplane Insurance Program, February, page 11

Les Sebald, From the Readers, Maintenance and Projects, February, page 42

Brian Utley, Status Report on Airspace Reduction Proposals, May, page 6

Forrest W. Blossom, Status Report on Airspace Reduction Proposals, May, page 6

Forrest W. Blossom, From the Executive Director, May, page 14

Larry Maubo, SSA'er Makes First Solar Powered Flight, SSA in Action, June, page 9

Doris Grove, New O and R Claims, June, page 9

Craig Catto, Ultralight News-Goldwing, June, page 13

Peter Lyons, MacCready Departs for England with Gossamer Albatross, June, page 14

Dave Bigelow, Ultralight News, June, page 15

Lu Lundgren, *Ultralight News*, June, page 15

William Cleary, CIVV Report, 1979, July, page 18

B. Kirby, July, page 38

Fredi Herbert, European Competition Rundown, 1979, September, page 19

John Joss, Men, Machines, Mountains, and Meteorology, the 46th US National Unlimited Soaring Championships, September, page 24

George Moffat, Soaring to Win, September, page 43

- 18 - No subject

J. Earle Johnson, Looking Backward, November, page 13 Wally Scott, Competing in the Vega, Pilot's report, November, page 25 Ted Clausing, Winner, Region Seven Unlimited Class, 1979, December, page 14 Dave Culpepper, US Standard Class Champion, 1979, December, page 38 George Moffat, The Leeches, December, page 48