

Soaring Magazine Index for 1976/1976 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.

Aerobatics

Lawrence M. Lansburgh, *The filming of dawn flight*, June, page 14

Aerodynamics

P. Lert, translator, *The FS-29, a telescoping-wing sailplane*, January, page 21

Sink speed: teaching soaring, March, page 38

Stan Hall, *Puzzling polars*, April, page 3

J. McMasters, *Seminar sailplanes*, August, page 2

Yaw string, August, page 3

Stan Hall, *The Liebeck airfoil*, August, page 21

Increasing airspeed on final; wind gradient vs ground turbulence, December, page 3

Flutter

Sumner Davis and R.W. Whelan, *Flutter - a case history*, March, page 34

Affiliates, Chapters, and Clubs

Summary of club data, January, page 43

Brian Utley and D. Fletcher, January, page 43

New clubs formed in Mississippi, February, page 10

Geof Steele, *Vintage sailplanes*, March, page 22

Gunther Voltz, *Soaring's next generation*, March, page 33

Brian Utley and D. Fletcher, March, page 40

Brian Utley and D. Fletcher, May, page 17

Brian Utley and D. Fletcher, August, page 44

The Philadelphia glider council, August, page 44

Soaring sites - a club that bought its owl, September, page 49

Brian Utley and D. Fletcher, September, page 49

Brian Utley and D. Fletcher, November, page 48

Winter activities, November, page 48

Airports

F.B. Compton, *Airport use by sailplanes*, January, page 6

Archives and Museums

Soaring stamps, February, page 8

Aircraft museum tax exemption: Potomac Pipeline, December, page 33

Awards

Badges

1 Percent Rule

Permissible launch altitude: figuring it the easy way, February, page 5

Barringer

Barringer trophy awarded to Wallace A. Scott, Sr., April, page 6

Barringer Memorial Trophy

Winner of Lewin B. Barringer Trophy, April, page 6

Eaton

Joseph C. Lincoln Posthumously awarded Eaton Trophy, April, page 6

Eaton trophy awarded posthumously to Joseph C. Lincoln, April, page 6

Exceptional Achievement

Babbs Nutt Receives Exceptional Achievement Award, April, page 6

Receives Exceptional Achievement Award, April, page 6

Exceptional Service

Receives Exceptional Service Award, April, page 6

Exceptional Service Award

Douglas Lamont Receives Exceptional Service Award, April, page 6

Exeptional Achievement Award

Ernest Schweizer, *Receives Exceptional Achievement Award*, April, page 6

Exeptional Service Award

Receives Exceptional Achievement Award, April, page 6

Edward G. Minghelli, *Receives Exceptional Achievement Award*, April, page 6

Richare H. Ball Receives Exceptional Achievement award, April, page 6

Hall of Fame

Tom Page Receives Soaring Hall of Fame Award, September, page 9

Kolstad Award

1975 Kolstad award winner, February, page 12

Lincoln

Lincoln award announced, February, page 11

Lincoln Award

The Lincoln Prize, September, page 9

Clubs

New Jersey

New Jersey Soaring Council formed, November, page 48

Competitions

George Moffat, *Something wrong with the system?*, January, page 3

J.Emott Caldwell, *Good finish, 404*, January, page 19

1975 US National and Regional Champions, January, pages 34,35

A seeding alternative, March, page 3

The seeding controversy, May, page 3

Contest rules additions, June, page 9

Gren Seibels, *The five days of Chester*, July, page 16

Sportsman competition and handicapping, July, page 39

Sportsman contests, August, page 4

Wally Scott, Sr., *The 1976 Smirnoff derby*, August, page 13

Sportsman Class contest, November, page 46

David Sliwa, *Diamonds of the future*, December, page 28

Tabulation of contest results, December, page 42

1-26

Gren Seibels, *North American 1-26 Championships*, September, page 12

Classes

Club Class

Club class definition, October, page 3

Lower cost, the real reason for a club class, December, page 5

National

B. Mohr, *7th national standard class soaring championships, Hutchinson, Kansas*, October, page 16

Richard Farley, *1st US national 15-meter soaring championships, Bryan, Ohio*, November, page 16

J. George, *43rd US national unlimited class soaring championships, El Mirage, CA*, December, page 14

Region 6

Joe Emons, *Richard Divelbiss, Winner, region six contest, Ionia, Michigan!*, December, page 35

Regional

C. McNay, *North region ten contest*, January, page 10

Region one championships, Warren, Vermont, August, page 7

Judith R. Hutchinson, *Region four contest, Frederick, Maryland*, August, page 8

?. Ferguson, *Region eight contest, Ephrata, Washington*, August, page 9

Region eleven contest, September, page 13

Region seven contest, September, page 15

Connie Linke, *Region twelve contest, California City Airport, CA*, October, page 12

Lloyd Hunter, *Region three championships, Dansville, NY*, October, page 13
A. Knyprstra, *1976 Western region sports class contest. El Mirage, CA*, December,
page 36

Smirnoff

Wally Scott ,*Winner, Smirnoff derby*, July, page 11

World

Team fund - world championships, March, page 8
What's a world championship with no defending champion?, April, page 2
George Lee and Ingo Renner win at Finland, August, page 7
Tom Page, *15th World Gliding Championships, Rayskala,*, September, page 17

Conferences, Conventions, and Meetings

5th annual SSA soaring convention, Denver, Colorado, April, page 6

Tucson, Arizona

SSA Convention; 1977, Tucson, Arizona, November, page 7

Construction

Richard E. Schreder, *Building the HP-18, part four*, June, page 35
Richard E. Schreder, *Building the HP-18, part five*, July, page 20
John Luttrell, *Fiberglass repair problems*, August, page 3

Sailplanes

Richard Schreder, *Building the HP-18, part I*, March, page 12
Larry Haig, *American Eaglet*, March, page 16
Norm Gillmore, *Diary of a sailplane*, March, page 30
Richard E. Schreder, *Building the HP-18, part two*, April, page 33
Richard E. Schreder, *Building the HP-18, part six*, August, page 26
Sailplane weight estimation in design, November, page 32

Costs

The cost of soaring: another look, January, page 4
John Luttrell, *Fiberglass repair problems*, August, page 3

Cover

George Uveges, January, cover
Woodson K. Woods, February, cover
HP-18, March, Cover
Don Knyprstra, *Salto, Bishop, California*, May, Cover
2-33, July, cover
George Lee and Ingo Renner, August, Cover
Harry Miltner, September, cover
1-35, October, cover
X24-B, November, cover
2-33's, December, Cover

Covers

1-26

Dawn Flight, June, Cover

Open Class

Open Class, October, Cover

Sailplanes

K-8

K-8, April, Cover

Cross-Country Soaring

Steven Sliwa, *Techniques; A computer simulation of cross-country soaring*, January,
page 36

Bill Williams, *L/D isn't everything*, January, page 38

Design

New two-place sailplane, September, page 10
Wanted: a design handbook, November, page 4

Economics

Bankers are human, July, page 6

Glider loan help, July, page 6

FAI

SSAr to head C.I.V.L., February, page 12

W.S. Ivans, *CIVV report*, May, page 20

Per Weishaupt, *CIVV motorgliding report*, August, page 11

15th OSTIV Congress, September, page 26

Federal Aviation Agency

Actions required for: KA-2B, January, page 7

Enforcing FAR's; whose ox is gored?, February, page 3

First FAA biennial operations review conference: Potomac Pipeline, March, page 9

Action required for Kestral, March, page 9

Actions required for: SF-26A, M-100, ASW17, June, page 9

Action required on: Rhonlerche II and Schweizer 2-33, September, page 8

Airworthiness directives Action required: Caproni A-21, December, page 33

FAA medical waivers: Potomac Pipeline, December, page 34

Flight Reviews

Guidelines: Biennial flight reviews, February, page 13

Flights

391 miles in a 1-26, August, page 6

Flutter

Flutter with mass balance, May, page 3

Libelle rudder flutter fix, May, page 3

Wing and trailer resonant "flutter"?, June, page 5

Flutter; checks and fixes, July, page 5

Duster's demise - a flutter case history, October, page 4

Hang Gliders

Foot-launch freedom November 1976, November, pages 4,5

George D. Worthington, *A soaring pilot tries hang gliding*, November, page 28

History

E.E. Rusting, *"The Butusov Glider"; The contribution of Augustus Herring*, September, page 39

Soaring

P. Riedel, *Robert Kronfeld and the first variometer*, May, page 25

Eugene E. Hasting, *The contribution of Augustus Herring*, September, page 37

Homebuilding

A foot-launched ultralight motorglider, January, page 30

C.W.A. Oyens, *From the Netherlands*, January, page 40

Refinishing metal surfaces, February, page 30

Pilatus B-4 wings available, February, page 31

Stability and control, March, page 4

Richard Schreder, *Building the HP-18, part I*, March, page 12

Larry Haig, *American Eaglet*, March, page 16

Norm Gillmore, *Diary of a sailplane*, March, page 30

Homebuilding in a factory, April, page 7

Richard E. Schreder, *Building the HP-18, part two*, April, page 33

Richard Schreder, *Building the HP-18, part three*, May, pages 31,10,11,19

Stephen Du Pont, *Flexible Braunschweig tube attachment*, July, pages 3,,

Richard E. Schreder, *Building the HP-18, part five*, July, page 20

Richard E. Schreder, *Building the HP-18, part six*, August, page 26

Sailplane weight estimation in design, November, page 32

Human-Powered Flight

Taras Kiceniuk, Jr., *Photographs of MPA designed*, January, page 32

Instruments

Sink speed: teaching soaring, March, page 38

Jack Lambie, *The B-5, an uncompromised sailplane*, April, page 23

Stephen Du Pont, *Flexible Braunschweig tube attachment*, July, pages 3,,

O.W. Nicks, *A simple total energy sensor*, September, page 30

Instruments - Transponders Solar cells to power glider transponders?, November, page 5

Variometer

Vector I status report, February, page 32

Variometers

Netto vario in circling climb, February, page 6

P. Riedel, *Robert Kronfeld and the first variometer*, May, page 25

Insurance

Bernald S. Smith, *New insurance benefits*, May, page 8

Life

Insurance, February, page 6

B.S. Smith, *Insurance answer*, February, page 6

Sailplane

Bernald S. Smith, *Do something about insurance*, April, page 8

International

Canada

Canadian motorgliding regulations, April, page 5

Finland

Tom Page, *15th World Gliding Championships, Rayskala,*, September, page 17

Mathews Walker, *Mission: improbable*, November, page 24

Netherlands

C.W.A. Oyens, *From the Netherlands*, January, page 40

Sweden

Mathews Walker, *Mission: improbable*, November, page 24

Lee Waves

P. Lert, translator, *The FS-29, a telescoping-wing sailplane*, January, page 21

Legislation

National Transportation Safety Board expansion: Potomac Pipeline, June, page 11

Licenses

Motorgliders

Canadian motorgliding regulations, April, page 5

Sailplane

Club Libelle ATC'd, January, page 8

DG-100 ATC'd, October, page 10

Literature

R. Buck, *"A gaggle of one"*, by Gren Seibels, January, page 8

Robert N.[H.?] Buck, *Flying know-how*, January, page 8

P. Halacy Maines, *With wings as eagles*, April, page 10

James L. Nash-Webber, *"Technical Soaring" resumes publication*, May, page 10

J. Ryan, H. Drew, and Bernald S. Smith, *American Soaring Handbook, Chapter VIII*, May, page 12

J. Firth, *Beginning gliding*, by Derek Piggott, June, page 10

Phil Thorndyke, *The silver sea scrolls*, September, page 46

Soarsierra, Joss, J. and J. George, eds., December, page 35

Flying, America's soaring book, G. Seibels, ed., December, page 35

Handbooks

"Soaring meteorology for forecasters" now available, August, page 7

Meteorology

On centering thermals, February, page 3

- Peter Lester and Stanley Dalbec, *Preliminary climatology of lee waves for the island of Oahu, Hawaii*, February, page 16
Emil Kissel, *Woody's Oahu wahoo wave*, February, page 20
James Walker, *Storms Caught in the soup*, February, page 24
Wanted: soaring site climatologies: Using the Weather, February, page 36
Charles V. Lindsay, February, page 36
John Aldrich, February, page 36
"Aviation Weather" revision available, February, page 37
Charles V. Lindsay, March, page 42
Forecasters' Handbook #3 available: Using the Weather, March, page 42
John Aldrich, March, page 42
A forefather of meteorology?, April, page 5
Harry V. Senn, *Florida soaring weather*, April, page 27
Waving it! Teaching Soaring, April, page 41
In thermaling, low is no!, April, page 44
P. Reichert, *Get high - stay high*, May, page 22
Peter Riedel, *Get high - stay high*, May, page 22
Mountain wave: pre-frontal or post-frontal: Using the Weather, May, page 45
John Aldrich, May, page 45
Charles V. Lindsay, May, page 45
John Aldrich, June, page 40
Charles V. Lindsay, June, page 40
"Soaring meteorology for forecasters" now available, August, page 7
Wally Scott, Sr., *The 1976 Smirnoff derby*, August, page 13
Tom Page, *15th World Gliding Championships, Rayskala,*, September, page 17
B. Mohr, *7th national standard class soaring championships, Hutchinson, Kansas*, October, page 16
Karl Striedieck, *One grand flight*, October, pages 25,,
Richard Farley, *1st US national 15-meter soaring championships, Bryan, Ohio*, November, page 16
Charles V. Lindsay, November, page 43
Cyclones, dust devils, thermals: Using the Weather tornadoes, November, page 43
John Aldrich, November, page 43
J. George, *43rd US national unlimited class soaring championships, El Mirage, CA*, December, page 14

Thermal Soaring

Satellite photo details soaring area: Using the Weather, June, page 40

Wave Soaring

Satellite photo details soaring area: Using the Weather, June, page 40

Motorgliders

Per Weishaupt, *CIVV motorgliding report*, August, page 11

Larry Haig, *Eaglet self-launch update*, September, page 4

Icarus II

Icarus motorglider follow-up, March, page 3

Mountain Soaring

A computer conquest of Mt. McKinley?, May, page 5

Tom Elmore, *Region five, south, contest*, November, page 8

Obituaries

J.C. Wright, *Farewell to a good friend*, May, page 4

Alexander Lippisch, May, page 26

S. Starr, July, page 14

Orbiter

Terry White, *Gliding the Orbiter*, February, page 21

People

Rudy Allemann

? . Ferguson, *Region eight contest, Ephrata, Washington*, August, page 9
Wally Scott, Sr., *The 1976 Smirnoff derby*, August, page 13

Denis Arndt

Lawrence M. Lansburgh, *The filming of dawn flight*, June, page 14

Richard H. Ball

Richare H. Ball Receives Exceptional Achievement award, April, page 6

Pat Beatty

Jack Lambie, *The B-5, an uncompromised sailplane*, April, page 23

Paul Bikle

Wally Scott, Sr., *The 1976 Smirnoff derby*, August, page 13

Ross Briegleb

Wally Scott, Sr., *The 1976 Smirnoff derby*, August, page 13

Woody Brown

Emil Kissel, *Woody's Oahu wahoo wave*, February, page 20

Richard Butler

Gren Seibels, *The five days of Chester*, July, page 16

Ed Butts

Wally Scott, Sr., *The 1976 Smirnoff derby*, August, page 13

Ed Byars

Judith R. Hutchinson, *Region four contest, Frederick, Maryland*, August, page 8

Octave Chanute

Eugene E. Hasting, *The contribution of Augustus Herring*, September, page 37

William B. Cleary

Wally Scott, Sr., *The 1976 Smirnoff derby*, August, page 13

John Daniell

Region one championships, Warren, Vermont, August, page 7

Richard Divelbiss

Joe Emons, *Richard Divelbiss, Winner, region six contest, Ionia, Michigan!*,
December, page 35

Hannah Duncan

Receives Exceptional Achievement Award, April, page 6

Jake Van Dyke

Region seven contest winner, September, page 15

Joe Emons

C. McNay, *North region ten contest*, January, page 10
Richard Farley, *1st US national 15-meter soaring championships, Bryan, Ohio*,
November, page 16

William C. Feldbaumer

Lloyd Hunter, *Region three championships, Dansvllle, NY*, October, page 13

Hugo Fischer

Region eleven contest winner, September, page 13

Marian Fleming

May, page 17

Steve Foreman

1975 Kolstad award winner, February, page 12
The Lincoln Prize, September, page 9
J. George, *43rd US national unlimited class soaring championships, El Mirage, CA*, December, page 14

Sam Francis

Region one championships, Warren, Vermont, August, page 7

Kai Gertsen

Lloyd Hunter, *Region three championships, Dansvllle, NY*, October, page 13

John Gill

L. Licher, *15-meter record claim*, October, page 10

John R. Gill

?. Ferguson, *Region eight contest, Ephrata, Washington*, August, page 9

Ray Gimme

B. Mohr, *7th national standard class soaring championships, Hutchinson, Kansas*, October, page 16

John B. Gravance

Receives Exceptional Achievement Award, April, page 6

Ray Gray

C. McNay, *North region ten contest*, January, page 10

Gary Hagemeister

R.[E.?] Divelbiss, *Region six contest, Ionia, Michigan*, December, page 35

James Herman

Region one championships, Warren, Vermont, August, page 7

Carl Herold

Region eleven contest winner, September, page 13

A. Knypstra, *1976 Western region sports class contest. El Mirage, CA*, December, page 36

Augustus Herring

Eugene E. Hasting, *The contribution of Augustus Herring*, September, page 37

Bob Hupe

Region seven contest winner, September, page 15

Thomas M. Farr, Jr.

M. Barritt, *Foxtrot Zulu, where are you?*, July, page 30

?. Ferguson, *Region eight contest, Ephrata, Washington*, August, page 9

Benjamin S. Kelsey

A. Knypstra, *1976 Western region sports class contest. El Mirage, CA*, December, page 36

Robert Kronfeld

P. Riedel, *Robert Kronfeld and the first variometer*, May, page 25

Jack Laister

Receives Exceptional Achievement Award, April, page 6

Douglas Lamont

Douglas Lamont Receives Exceptional Service Award, April, page 6

George Lee

George Lee and Ingo Renner, August, Cover

Tom Page, *15th World Gliding Championships, Rayskala,*, September, page 17

Al Leffler

Connie Linke, *Region twelve contest, California City Airport, CA*, October, page 12

J. George, *43rd US national unlimited class soaring championships, El Mirage, CA*, December, page 14

Lloyd M. Licher

SSA executive director resigns, October, page 8

Bennett M. Rogers, *The ultimate volunteer*, October, page 9

Bob Liebeck

Stan Hall, *The Liebeck airfoil*, August, page 21

Joseph C. Lincoln

Joseph C. Lincoln Posthumously awarded Eaton Trophy, April, page 6

Eaton trophy awarded posthumously to Joseph C. Lincoln, April, page 6

Edward G. Minghelli

Edward G. Minghelli, *Receives Exceptional Achievement Award*, April, page 6

Moazagotl

A forefather of meteorology?, April, page 5

- Robert L. Moore**
R.[E.?] Divelbiss, *Region six contest, Ionia, Michigan*, December, page 35
- Babbs Nutt**
Babbs Nutt Receives Exceptional Achievement Award, April, page 6
- Russell Owens**
Connie Linke, *Region twelve contest, California City Airport, CA*, October, page 12
- Tom Page**
Tom Page Receives Soaring Hall of Fame Award, September, page 9
- Dan Pierson**
Wally Scott, Sr., *The 1976 Smirnoff derby*, August, page 13
- Derek Piggott**
J. Firth, *Beginning gliding, by Derek Piggott*, June, page 10
- Dam Poynter**
SSAr to head C.I.V.L., February, page 12
- Helmut Reichmann**
What's a world championship with no defending champion?, April, page 2
P. Riedel, *Robert Kronfeld and the first variometer*, May, page 25
- Ingo Renner**
George Lee and Ingo Renner, August, Cover
Tom Page, *15th World Gliding Championships, Rayskala,*, September, page 17
- Clive Roberson**
Tom Elmore, *Region five, south, contest*, November, page 8
- Robert Root**
Dore J. Montes, *Thar's gold in them thar hills*, March, page 26
- Ernest Schweizer**
Ernest Schweizer, *Receives Exceptional Achievement Award*, April, page 6
- Wally Scott**
Wally Scott ,Winner, Smirnoff derby, July, page 11
- Charles Shaw**
New I-26 distance flight! SSA to action, November, page 8
- James Smiley**
Gren Seibels, *The five days of Chester*, July, page 16
- Bernald S. Smith**
Receives Exceptional Service Award, April, page 6
- Earl Smith**
Connie Linke, *Region twelve contest, California City Airport, CA*, October, page 12
- Ted Smith**
New two-place sailplane, September, page 10
- Ken Sorenson**
Gren Seibels, *The five days of Chester*, July, page 16
- Wallace A. Scott, Sr.**
Barringer trophy awarded to Wallace A. Scott, Sr., April, page 6
- Karl Striedieck**
Claims out and return record, May, page 7
A 1015-mile O&r, July, pages 10,
- Sunny Vegso**
Sunny Vegso, Director of Development, July, page 10
- Cal Walker**
Judith R. Hutchinson, *Region four contest, Frederick, Maryland*, August, page 8
- David Welles**
Lloyd Hunter, *Region three championships, Dansvllle, NY*, October, page 13
- John Williams**
S. Starr, July, page 14
- Woody Woodward**

Region seven contest winner, September, page 15
Tom Elmore, *Region five, south, contest*, November, page 8

Performance Calculations

Paul B. MacCready, Jr., *Developments in ultralight gliding*, June, page 23

Photography

Lawrence M. Lansburgh, *The filming of dawn flight*, June, page 14

Physiology

William O. Bank, *That common cold*, March, page 36
FAA medical waivers: Potomac Pipeline, December, page 34
Marijuana and soaring, December, page 41

Records

Out and return: SSA to action, May, page 7
A 1015-mile O&r, July, pages 10,
L. Licher, *15-meter record claim*, October, page 10

Feminine

US national feminine multiplace 100-km speed triangle: SSA to action, August,
page 6

Flights

Karl Striedieck, *One grand flight*, October, pages 25,,,
New I-26 distance flight! SSA to action, November, page 8

Safety

Safety on the ridge, January, page 5
J.Emott Caldwell, *Good finish, 404*, January, page 19
NTSB accident report, January, page 44
Wayne Krebs, *Entering thermals*, January, page 45
Mid-air collisions: Potomac Pipeline, February, page 14
Richard Schreder, *How to enjoy accident-free soaring.*, February, page 34
William O. Bank, *That common cold*, March, page 36
Stephen Du Pont, *SSA safety committee chairman*, March, page 37
SSA Safety Committee, March, page 37
In thermaling, low is no!, April, page 44
Club safety awareness, May, page 17
Duane Russell, *Safety seminar report.*, May, pages 43,
Stephen Du Pont, *Safety monograph: . Smith, B. S.*, June, page 9
Bernald S. Smith, *Safety monograph*, June, page 9
Paul B. MacCready, Jr., *Developments in ultralight gliding*, June, page 23
Stephen Du Pont, *A philosophy of safety*, June, page 43
M. Barritt, *Foxtrot Zulu, where are you?*, July, page 30
Gustav Scheurer, *Lessons to be learned*, July, page 42
S. DuPont, *Landing out in sailplanes*, September, page 52
Duster's demise - a flutter case history, October, page 4
Takeoff Advantages of a fixed tail wheel, November, page 3
Solar cells to power glider transponders?, November, page 5
Stephen Du Pont, *Landing patterns and right-of-way*, November, page 39

Legislation

Robert J. George, *Hidden killers*, April, page 12

Sailplanes

Vector I status report, February, page 32
A new US 15-meter racer, April, page 9
J. McMasters, *Seminar sailplanes*, August, page 2
MPA update, October, page 2

A-21

Actions required for: KA-2B, January, page 7

AS-K13

- Actions required for: KA-2B, January, page 7*
- AS-W 17**
M. Barritt, *Foxtrot Zulu, where are you?*, July, page 30
Karl Striedieck, *One grand flight*, October, pages 25,,,
- B-5**
Jack Lambie, *The B-5, an uncompromised sailplane*, April, page 23
- Blanik**
Bill Williams, *L/D isn't everything*, January, page 38
- Butusov**
E.E. Rusting, *"The Butusov Glider"; The contribution of Augustus Herring*, September, page 39
- C-70**
Homebuilding in a factory, April, page 7
- Caproni A-21**
Airworthiness directives Action required: Caproni A-21, December, page 33
- Cirrus B**
Richard H. Johnson, *Flight test evaluation of the Standard Cirrus B*, March, page 20
- Classes**
Robert N.[H.?] Buck, *Defining the club class*, September, page 3
- Club Class**
Needed: a better club class definition, July, page 3
- Concept 70**
Sumner Davis and R.W. Whelan, *Flutter - a case history*, March, page 34
- Construction**
Richard Schreder, *Building the HP-18, part three*, May, pages 31,10,11,19
- DG-100**
DG-100 ATC'd, October, page 10
- Duster**
Duster's demise - a flutter case history, October, page 4
- FS-29**
P. Lert, translator, *The FS-29, a telescoping-wing sailplane*, January, page 21
- Glasflugel 604**
Richard H. Johnson, *Flight test evaluation of the Glasflugel 604*, October, page 40
- HP-18**
HP-18, March, Cover
Richard Schreder, *Building the HP-18, part I*, March, page 12
Richard E. Schreder, *Building the HP-18, part two*, April, page 33
Richard Schreder, *Building the HP-18, part three*, May, pages 31,10,11,19
Richard E. Schreder, *Building the HP-18, part four*, June, page 35
Richard E. Schreder, *Building the HP-18, part five*, July, page 20
Richard E. Schreder, *Building the HP-18, part six*, August, page 26
- Javelin**
Javelin in production, March, page 11
- KA-6**
Actions required for: KA-2B, January, page 7
- KA-6B**
Actions required for: KA-2B, January, page 7
- KA-6BB**
Actions required for: KA-2B, January, page 7
- KA-6C**
Actions required for: KA-2B, January, page 7
- KA-6CR**
Actions required for: KA-2B, January, page 7

- KA-7**
Actions required for: KA-2B, January, page 7
- KA-8**
Actions required for: KA-2B, January, page 7
- Kestrel**
Action required for Kestrel, March, page 9
- Libelle**
Club Libelle ATC'd, January, page 8
Sumner Davis and R.W. Whelan, Flutter - a case history, March, page 34
Libelle rudder flutter fix, May, page 3
- Libelle Standard Class**
Ray Gimmey, The Standard Libelle, December, page 30
- M-100S**
Actions required for: KA-2B, January, page 7
- M-200**
Actions required for: KA-2B, January, page 7
- Minimoa**
How the Minimoa got its name, January, page 2
- Monarch**
Jim Marske, News of the Monarch, June, page 3
- Mosquito**
Mosquito debut, May, page 9
Robert H. Buck, Flat & Scat, September, page 34
- Phoebus**
P. Reichert, Get high - stay high, May, page 22
Peter Riedel, Get high - stay high, May, page 22
- Pik-20**
R.H. Johnson, Slight test evaluation of the PIK-20, September, page 42
- Pilatus B-4**
Pilatus B-4 wings available, February, page 31
- Pioneer**
Gus Briegleb, Pioneer lifting-body glider, December, page 3
- Rhonbussard**
Vintage sailplanes, March, page 22
- Rhonlerche II**
Action required on: Rhonlerche II and Schweizer 2-33, September, page 8
- Salto**
Don Knypstra, Salto, Bishop, California, May, Cover
- Schemp-Hirth**
Nimbus II
Richard H. Johnson, Flight test evaluation of the Nimbus II, April, page 20
- Schleicher**
AS-W 17
A 1015-mile O&r, July, pages 10,
AS-W 17 Test Flying
Richard H. Johnson, A flight test evaluation of the AS-W 17, June, page 30
AS-W 19
First test flight photo, February, page 14
- Schweizer**
SGS 1-26
Harry V. Senn, Is the 1-26 a diamond sailplane?, February, page 29
Dore J. Montes, Thar's gold in them thar hills, March, page 26
Dawn Flight, June, Cover
Lawrence M. Lansburgh, The filming of dawn flight, June, page 14

391 miles in a I-26, August, page 6

SGS 1-35

1-35, October, cover

SGS 2-33

2-33, July, cover

Action required on: Rhonlerche II and Schweizer 2-33, September, page 8

2-33's, December, Cover

SF-27A

Actions required for: KA-2B, January, page 7

Soaring Star

New two-place sailplane, September, page 10

Zanonia

Paul Gibson, The Zanonia, December, page 2

Paul Gibson, The Zanonia, December, page 24

Simulation

Einar Enevoldson and Gerard O'Neill, Spot landing from space; the Enterprise, November, pages 12,13

Sites

George D. Worthington, A soaring pilot tries hang gliding, November, page 28

Bishop, California

High Sierra Soaring, Bishop, California open again, April, page 7

Bryan, Ohio

Richard Farley, 1st US national 15-meter soaring championships, Bryan, Ohio, November, page 16

California

P. Reichert, Get high - stay high, May, page 22

Peter Riedel, Get high - stay high, May, page 22

California City, California

Connie Linke, Region twelve contest, California City Airport, CA, October, page 12

Chester, South Carolina

Gren Seibels, The five days of Chester, July, page 16

Dansville, New York

Lloyd Hunter, Region three championships, Dansville, NY, October, page 13

El Mirage

Wally Scott, Sr., The 1976 Smirnoff derby, August, page 13

El Mirage, California

J. George, 43rd US national unlimited class soaring championships, El Mirage, CA, December, page 14

A. Knypstra, 1976 Western region sports class contest. El Mirage, CA, December, page 36

Fairfield, Delaware

Soaring sites - Fairfield, Delaware, September, page 49

Florida

Harry V. Senn, Florida soaring weather, April, page 27

Hawaii

Peter Lester and Stanley Dalbec, Preliminary climatology of lee waves for the island of Oahu, Hawaii, February, page 16

Emil Kissel, Woody's Oahu wahoo wave, February, page 20

Hutchinsin, Kansas

B. Mohr, 7th national standard class soaring championships, Hutchinson, Kansas, October, page 16

Warren, Vermont

Region one championships, Warren, Vermont, August, page 7

Soaring Society of America

- Bequest bidding results*, February, page 11
- Lloyd M. Licher, *SSA executive director's report*, April, page 15
- James L. Nash-Webber, *"Technical Soaring" resumes publication*, May, page 10
- John Ryan elected director*, June, page 10
- Sunny Vegso, Director of Development*, July, page 10
- SSA 1976 Soaring Directory*, September, page 7
- SSA executive director resigns*, October, page 8
- Lloyd M. Licher, *SSA executive director's report*, October, page 35
- Growth of Society membership*, October, page 47
- SSA symbol revision? The Sunny side*, November, page 37
- Lawrence Wood, *State of the Society*, December, page 8
- Tom Page, *The numbered preferential ballot*, December, page 13
- S. Vegso, *Emblem change: the Sunny side*, December, page 38

Directors

- Hew Soaring Society directors*, February, page 9

Space Flight

- Terry White, *Gliding the Orbiter*, February, page 21
- Einar Enevoldson and Gerard O'Neill, *Spot landing from space; the Enterprise*, November, pages 12,13

Stamps

- Soaring stamps*, February, page 8
- For a US soaring stamp; write!*, May, page 4

Techniques

Mountain Soaring

- J. McMasters, *Seminar sailplanes*, August, page 2

Ridge Soaring

- Safety on the ridge*, January, page 5

Wave Soaring

- Waving it! Teaching Soaring*, April, page 41
- Placement for best wave lift*, June, page 3
- Tom Knauff, *Stalls Aileron drag: teaching soaring*, June, page 44
- Towplane performance*, July, page 40
- Takeoff Advantages of a fixed tail wheel*, November, page 3

Test Flying

- Gerhard Waibel, *Flight testing sailplanes*, January, page 14
- Richard H. Johnson, *Flight test evaluation of the Standard Cirrus B*, March, page 20
- Richard H. Johnson, *Flight test evaluation of the Nimbus II*, April, page 20
- Richard E. Schreder, *Building the HP-18, part six*, August, page 26
- Flight sessions group*, September, page 8
- O.W. Nicks, *A simple total energy sensor*, September, page 30
- Richard H. Johnson, *Flight test evaluation of the Glasflugel 604*, October, page 40
- Einar Enevoldson and Gerard O'Neill, *Spot landing from space; the Enterprise*, November, pages 12,13

Trailers

- Wing and trailer resonant "flutter"?*, June, page 5

Training

- C.F. Harms, *"Instructors have fun too!" Teaching soaring*, January, page 41
- Stephen A. Wallis, *Real-time experience: the only teacher*, February, page 7
- Mike Moore, *Being a student again: Teaching Soaring*, February, page 35
- The joy of soaring*, March, page 2
- Flight training in a rigid wing ultralight*, March, pages 5,
- Waving it! Teaching Soaring*, April, page 41
- Paul B. MacCready, Jr., *Developments in ultralight gliding*, June, page 23

George D. Worthington, *A soaring pilot tries hang gliding*, November, page 28
Stephen Du Pont, *Landing patterns and right-of-way*, November, page 39

Ultralights

Ultralight flying wing, January, page 2
Flight training in a rigid wing ultralight, March, pages 5,
Larry Haig, *American Eaglet*, March, page 16
Ultralight flying wing, June, page 2
John Luttrell, *Developments in ultralight gliding*, June, page 23
Paul B. MacCready, Jr., *Developments in ultralight gliding*, June, page 23
George D. Worthington, *A soaring pilot tries hang gliding*, November, page 28

Icarus II

A foot-launched ultralight motorglider, January, page 30

X-24B

Einar Enevoldson and Gerard O'Neill, *Spot landing from space; the Enterprise*, November,
pages 12,13

Youth

Gunther Voltz, *Soaring's next generation*, March, page 33
Helping young people, success story, December, page 5
David Sliwa, *Diamonds of the future*, December, page 28

No subject

Dan Halacy, *With wings as eagles*, April, page 10