

Soaring Magazine Index for 1976/1976 organized by issue

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*Department, Columns, or Sections of the magazine are indicated within parentheses '()'.
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Paul Gibson, *The Zanoia* [*Sailplanes\Zanoia*], page 24
David Sliwa, *Diamonds of the future* [*Competitions; Youth*], page 28
Ray Gimney, *The Standard Libelle* [*Sailplanes\LibelleStandard Class*], page 30
Aircraft museum tax exemption: Potomac Pipeline [*Archives and Museums*], page 33
Airworthiness directives Action required: Caproni A-21 (SSA in Action) [*Sailplanes\Caproni A-21; Federal Aviation Agency*], page 33
FAA medical waivers: Potomac Pipeline [*Physiology; Federal Aviation Agency*], page 34
Joe Emons, *Richard Divelbiss, Winner, region six contest, Ionia, Michigan!* (SSA in Action) [*Competitions\Region 6; People\Richard Divelbiss*], page 35
R.[E.?] Divelbiss, *Region six contest, Ionia, Michigan* (SSA in action) [*People\Gary Hagemester; People\Robert L. Moore*], page 35
Flying, America's soaring book, G. Seibels, ed. (SSA in Action) [*Literature*], page 35
Soarsierra, Joss, J. and J. George, eds. (SSA in Action) [*Literature*], page 35
A. Knypstra, *1976 Western region sports class contest. El Mirage, CA* (SSA in Action) [*People\Carl Herold; People\Benjamin S. Kelsey; Competitions\Regional; Sites\El Mirage, California*], page 36
S. Vegso, *Emblem change: the Sunny side* [*Soaring Society of America*], page 38
Marijuana and soaring (Safety Corner) [*Physiology*], page 41
Tabulation of contest results (Herold's Hearsay) [*Competitions*], page 42