

## Bearhawk Patrol Kits Available as LSA

The two-place tandem Bearhawk Patrol is now available as a quick-build kit, and it qualifies as a light-sport aircraft (LSA). Bob Barrows, the Bearhawk designer, recently conducted performance tests of the Patrol at the LSA gross weight (1,320 pounds) using power settings of 100 hp and 80 hp. At 100 hp, the Patrol took off in calm conditions on grass in 400 feet with a strong climb rate, he reported. Bob said the Patrol is an extremely rugged entry in the LSA category. Built as an experimental, it will provide extra cruise speed and super load-carrying ability. For more information, call Bob at 540-473-3661.



## Heart of Texas LSA Expo

The Heart of Texas LSA Expo will host its inaugural showcase of LSA manufacturers, part suppliers, and service providers March 7-8, 2009, at Coulter Field Airport (CFD) in Bryan, Texas. Exhibit space is available for hangar or open-air concrete spots. For more information, call or write to Karl Preston at 979-412-1611 or [karl@coulterfield.com](mailto:karl@coulterfield.com).

## Online Course Covers LSA Maintenance for A&Ps

Sport Aviation Specialties launched an online course to introduce existing airframe and powerplant (A&P) mechanics to the unique maintenance and inspection requirements for LSA. The one-day course, conducted via video and audio conferencing over the Internet, provides the detailed information A&Ps need to add LSA maintenance and inspection to their service offerings. For more information, call 904-206-0522, e-mail [sportaviation@gmail.com](mailto:sportaviation@gmail.com), or visit [www.SportAviationSpecialties.com](http://www.SportAviationSpecialties.com).

## New Oil Separator from AeroConversions

Sonex Aircraft LLC has introduced the AeroConversions Oil Separator. The unit is a welded and powder-coated aluminum assembly designed to save oil versus direct overboard crankcase breathers in normal flight operations. It features an extra high-volume design offering enhanced inverted flight performance in entry-level aerobatic aircraft, allowing oil to be retained and returned to the engine during short-duration inverted and limited negative-G maneuvers.

The unit's angled design allows it to fit the angled firewalls of Sonex aircraft, while retaining compatibility with traditional vertical firewall installations. Visit [www.SonexAircraft.com](http://www.SonexAircraft.com) or [www.AeroConversions.com](http://www.AeroConversions.com) to learn more.

## Paradise USA Introduces S-LSA for Handicapped Pilots

Paradise USA, the U.S. partner to Paradise Industria Aeronautica of Brazil, will unveil its newest version of the P-1 during the 2009 U.S. Sport Aviation Expo at the Sebring Regional Airport (SEF) in Sebring, Florida, January 22-25. This aircraft has been modified to accommodate pilots with physical handicaps.

"Our P-1 looks big for the light-sport aircraft category because it was designed around a four-seat configuration with the aft cabin converted to luggage use," said Paradise USA's Chris Regis. "The P-1 offers more cubic area than most cockpits in light aviation. You can even pop out the front seat in a few seconds and stretch out full length for a nap or an overnight stay. The P-1 can also easily carry golf clubs, your family pet or, in this case, a wheelchair."

Visit [www.ParadiseAircraft.us](http://www.ParadiseAircraft.us).

## Europa/Swift Merger

Europa Aircraft is now part of Swift Technology Group, run by aeronautical engineer and aviation enthusiast David Stanbridge. As a result of this merger, Europa Aircraft will see significant investment in research and development, a pro-active sales structure, and dynamic marketing activity.

Europa Aircraft is a kit plane supplier in the United Kingdom, with current models including the Europa XS Trigear, Monowheel, and Motorglider. More than 700 Europas are flying in 33 countries, and many more are under construction. For more information, visit [www.SwiftTG.com](http://www.SwiftTG.com).

## Dynon Adds Autopilot Capability

Dynon Avionics Inc. released its software version 5.0 for both its EFIS (electronic flight instrument system) and EMS (engine monitoring system) products. This upgrade is available free to all existing EFIS-D10A, EFIS-D100, FlightDEK-D180, EMS-D10, and EMS-D120 customers and will ship with new instruments. The most significant new feature is an advanced autopilot capability for experimental and light-sport aircraft. The autopilot controls are integrated into the EFIS, similar to many expensive certified glass cockpit solutions. Learn more at [www.DynonAvionics.com](http://www.DynonAvionics.com).

## 'Fly the Pattern' Web-based Pilot Service

A new web-based service called Fly the Pattern gives pilots a look at an unfamiliar airport destination before they leave the ground. Fly the Pattern is currently recruiting airport sponsors. Sponsored pages will also list current weather conditions, facilities, communication frequencies, and sponsor information. Learn more at [www.FlyThePattern.com](http://www.FlyThePattern.com) or e-mail [ron@flythepattern.com](mailto:ron@flythepattern.com).

## IN BRIEF

### Tecnam Dealer for South America

Tecnam has a distributor for Chile, Peru, and Bolivia—Ultrasport Ltda.—which will implement sales and support for the Italian-built line of LSA to customers in South America. For more information, visit [www.Ultrasport.cl](http://www.Ultrasport.cl).

### Drive or Fly—or Both?

The SkyBike is now in prototype development at Swift Engineering in San Clemente, California. This aircraft is part motorcycle, part airplane—with patent-pending telescoping wings. Brainchild of inventor Sam Bousfield, the SkyBike is intended to be “relaxing and fun to fly.” Learn more at <http://SamsonMotorworks.com>.



### Rotax Revised Publications

Rotax recently released a revised service bulletin: SI-912-020 / SI-914-0 R2, *Running Modifications on Rotax Engine Type 912/914 Rev. 2*. The company has also released a revised maintenance manual. Revision pages for *Heavy Maintenance Manual for Rotax 912 and 914 (Series) Edition 1, Rev. 2* of July 01/2008, Part No. 899603, are available online at [www.Rotax-Owner.com](http://www.Rotax-Owner.com) or [www.Rotax-Aircraft-Engines.com](http://www.Rotax-Aircraft-Engines.com).

### Sun 'n Fun to Celebrate 35 Years

The Sun 'n Fun Fly-In at Lakeland, Florida, will celebrate its 35th anniversary when the gates open for the annual event April 21-26, 2009, at Lakeland Linder Regional Airport; visit [www.Sun-n-Fun.org](http://www.Sun-n-Fun.org) for more information.

### SAW Leases Rights for Mermaid

Sport Aircraft Works (SAW) has leased the manufacturing rights for the Mermaid and purchased all of the work in progress at the factory. The company is setting up a separate facility in the Czech Republic to manufacture the aircraft's aluminum components. All other manufacturing processes will be completed at the company's Florida location. Wet Aero is the main sales organization for worldwide sales of the Mermaid. Learn more at [www.SportAircraftWorks.com](http://www.SportAircraftWorks.com).

### Get Vertical Power From Aircraft Spruce

Aircraft Spruce & Specialty is now offering the Vertical Power VP-200 for monitoring and managing overall electrical systems and engine performance, as well as providing advanced checklist functionality. The instrument is designed to simplify and reduce wiring complexity and pilot workload, while enhancing awareness and safety. For more information, visit [www.AircraftSpruce.com](http://www.AircraftSpruce.com) or call 877-477-7823.



## BOOKS

### Historic Adventures in Flight Testing

A new book that features the “aerocatures” of aviation artist Hank Caruso is a historic, educational review of the unique flight-test aircraft and flight-test techniques of the past 60 years. Each aircraft is accompanied by historical descriptions and photos, along with information about the test pilots, crew, and engineers who put the aircraft through its paces. Sales of this soft-bound, 128-page, 8.5- by 11-inch book will directly benefit the educational goals of the Society of Experimental Test Pilots Foundation. Order from [www.SETP.org](http://www.SETP.org).



### Flight Technology, Yesterday and Today

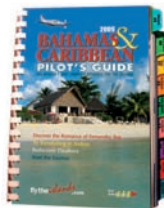


Smithsonian Books offers *The Airplane: How Ideas Gave Us Wings*, by Jay Spenser, which covers early breakthroughs, trailblazing feats, and modern technological triumphs. You'll also learn of the courageous individuals who dedicated their

lives to creating or improving the components that have made flying an everyday reality, such as Otto Lilienthal, the first to make glider flights; Igor Sikorsky, who flew the first multi-engine airplane; and Jimmy Doolittle, who flew the first “blind flights.” The book provides the inside story of how people invented and refined the airplane. The 320-page book includes black and white photos and illustrations throughout. Order through your favorite local or online bookseller.

### Caribbean Getaway

Written primarily for pilots, the 450-page spiral-bound *2009 Bahamas & Caribbean Pilot's Guide* provides helpful information for non-aviators, too. This book helps you plan where to go and where to stay. Within each section you'll find travel information on the islands and the country, accommodation and car rental listings, pilot info, maps, and airport information. Included are frequencies, runway details, hours, fuel availability, GPS designators, as well as longitudes and latitudes—a necessity to find some of the small airports that won't be in GPS databases. The general information section covers customs, flight plans, forms, procedures, and required equipment in great detail. Order at [www.FlyTheIslands.com](http://www.FlyTheIslands.com).



## NEW PRODUCTS

### Intelligent Power Stabilizer

TCW Technologies LLC. introduced the Intelligent Power Stabilizer (IPS) system at EAA Oshkosh 2008. The IPS is an electronic power converter for critical electrical equipment found in general aviation aircraft. IPS provides aircraft bus voltage surge and sag protection for the connected electrical equipment and allows electronic equipment such as engine monitors, EFIS, and GPS to be operational before and during engine starting, without the need for auxiliary batteries. Learn more at [www.TCWTech.com](http://www.TCWTech.com).

### New Company Thinks 'Pink'



Sue Hughes has started Powder Puff Pilot, offering pilot gear for feminine fliers via wholesale and retail channels. Hughes' aim is to attract women and girls to aviation, help women pilots identify themselves with pride, and honor courageous women pioneers. Initial offerings include pink logbooks, a 2009 aviatrix-inspired calendar, clothing, and more.

For more information, visit [www.PowderPuffPilot.com](http://www.PowderPuffPilot.com) or call 877-843-1007.

### New Panel Builder Website From Aircraft Spruce

Aircraft Spruce & Specialty's Panel Builder website can help you plan your panel without having to search the Internet and keep track of all your findings. Using drop-down menus, a large inventory of avionics and instruments are searchable by category, and you can then save your findings. The website displays every piece of equipment you will need for your panel, enabling you to get quotes quickly and simplify the ordering process. Visit [www.AircraftSpruce.com/panelIntro.html](http://www.AircraftSpruce.com/panelIntro.html) to learn more.



### Bright New Lights From Kuntzleman

Kuntzleman Electronics has introduced an LSA and experimental aircraft line of lights. Made in the United States, the LTR (Landing-Taxi-Recognition) consists of nine bright LEDs, focused through special lenses.

The result is a white beam of light that has been measured at two and a half times the brightness of a 55 watt halogen lamp while drawing one-third the current. The LTR's dimensions are 3 inches by 1 inch deep, and it weighs less than 6 ounces. Visit [www.Kestrobros.com](http://www.Kestrobros.com) to learn more.

### HMEC 250 Headset From Sennheiser

The new HMEC 250 headset from Sennheiser features NoiseGard noise cancellation technology, protection against the damaging effects of volume peaks, and a new mode that allows pilots to communicate with others without removing the headset. The foldable HMEC 250 weighs just 10 ounces. Learn more at [www.SennheiserUSA.com/aviation](http://www.SennheiserUSA.com/aviation).



### Labor-saving Options for Sonex Motorglider

Sonex Aircraft LLC now offers a complete airframe kit option, including pre-assembled main wing spars for the Xenos motorglider, making the motorglider easier to build.

Additionally, a kit of machined angle components common among Xenos, Sonex, and/or Waiex airframes has been compiled for Xenos builders. While retaining full compliance with the FAA's experimental amateur-built “major portion” regulations, these pre-manufactured optional kit components may reduce Xenos build time by as much as 100 hours. Learn more at [www.SonexAircraft.com](http://www.SonexAircraft.com).

