

# THE WIPAIRE WINDOW

A Special Newsletter Created for Everyone in the Aviation Industry!



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## Wipaire Makes Big Splashes at EAA AirVenture

**Attendance:** 541,000

**Aircraft:** 10,000+

**Showplanes:** 2,522; including 92 seaplanes

**Exhibitors:** 803

**International visitors registered:** 2,098

As the numbers show, EAA AirVenture 2011 was another busy and exciting year. Wipaire added to the excitement with some big announcements and stunning aircraft on display. We unveiled our concept Wipline Composite 3000 Floats and displayed our full line of Wipline AirGlide Skis. We displayed a showpiece Cessna 185 on Wipline 3000 Floats at the AirVenture Seaplane Base. In addition, two Quest Kodiaks showcased the quality of our paint and interior departments.

Our concept **Wipline Composite 3000 Floats** were introduced under our Lycoming IO-580 powered Cessna 182. Yes, that is correct; Wipaire has undertaken the research and development phase of releasing a composite float. This concept set featured a right hull made from carbon fiber and a left hull made from fiberglass. Our highly-skilled (and secretive, I might add) team of engineers are currently working to determine materials and final design for a new composite float. You can expect that any composite float by Wipaire will have the trademark features and quality of our



aluminum float line. This aircraft also sported a sleek new paint job completed by the Wipaire Paint Refinishing Department. Also on display in our main booth was our full line of Wipline AirGlide Skis. Many people aren't aware that Wipaire offers a line of skis to keep you flying all year long. We were excited to have the opportunity to explain the features and benefits of our non-penetration ski system to many of the visitors to our booth.

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# The Wipaire Window

## Wipaire Makes Big Splashes at EAA AirVenture Continued....



Two Quest Kodiaks with Wipaire modifications also took center stage at EAA AirVenture. Appleton Orchard's feline floatplane graced the cover of Thursday's *AirVenture Today*, the official newspaper of EAA AirVenture Oshkosh. The fabulous paint job was a highly cooperative effort between artist Erik Frank of Hardcore Custom Paint and Wipaire, Inc.



Executive Interior

The second Kodiak featured a prototype executive interior. The six-place, plush interior features club seating, executive writing tables with leather inserts, and beverage cabinets. The tables, cabinetry, and sidewall arm ledge are all hardwood veneered and finished in high gloss. Wool carpet, a modular headliner, and sidewalls, custom designed window shades, and a lavatory with privacy curtain complete the executive package. The STC is currently in progress for this configuration

We were proud to have one of our favorite aircraft sitting on the ramp at the AirVenture Seaplane Base, a completely restored and highly modified Cessna 185 amphibian, C-GATD. Wipaire services did a complete paint and interior refurbishment in 2010, followed by a custom instrument panel installation in 2011. This aircraft is also modified with a Continental IO-550 engine, Wipline 3000 floats and many other modifications. Thank you to GATJ Aviation for sharing this aircraft!

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The AirVenture Seaplane Base, with its peaceful lagoon of seaplanes and friendly people, is a must-see for any seaplane enthusiast. This year we were proud to be a co-sponsor of this unique AirVenture location. Paul Seehafer and his team of volunteers always make the seaplane base a relaxing and fun place to visit and make the annual Watermelon Social a possibility. Attendees to this event received their collectible Wipaire glass mug to enjoy the beer and soda provided and a delicious dinner topped off with, what else, watermelon. This year's event was especially exciting due to a strong storm front that rolled through at the beginning and threatened to blow us all into the lake! Luckily with a couple of quick set-up changes, the fun continued and the event was as successful as always.

“ *The engine is the heart of an airplane, but the pilot is its soul.* ”

~Walter Raleigh

# NEW Seaplane Pilots Association Director



On June 10, 2011 the Board of Directors of the Seaplane Pilots Association announced the appointment of Mr. Steve McCaughey as Executive Director of the Seaplane Pilots Association. Mr. McCaughey has over 30 years of aviation-related experience, 10 years of seaplane experience, and 15 years of business management and sales experience. He will be stationed at the Lakeland, Florida SPA headquarters .

## A Note From Mr. McCaughey:

As my feet hit the ground here in Lakeland, I am both excited and humbled by the task at hand. Being selected as the new Executive Director of SPA will provide me the opportunity to do what I enjoy doing most, promoting and sharing my passion for flying seaplanes. To say the least, I feel the immense weight of the position, and eagerly look forward to the challenge.

Most of all I hope to unite and grow our family of seaplane pilots. We all share an amazing insight into the unique and wonderful world of water flying, I hope together we will create a new and exciting chapter in the history of seaplane flying and the Seaplane Pilots Association. I look forward to working with you all.

Wipaire would like to welcome Mr. Steve McCaughey and look forward to our continued relationship with the Seaplane Pilots Association.

## 2011 EAA Lindy Award Winners



Wipaire would like to congratulate **Bill and Charlie Nutt** for being presented Grand Champion in the EAA Lindy Awards for Homebuilt aircraft in the Plans-built division this year. The father and son team built the aircraft from scratch. Upon completion, the aircraft was brought to Wipaire for paint and interior work.

We would also like to extend our congratulations to **John Justad** of Hackensack, Minnesota for being selected as a Judges' Choice award recipient for his de Havilland Beaver on Wipline Floats.

Named after aviation hero Charles Lindbergh, the Lindy Award acknowledges the tireless effort necessary to create an aircraft that's truly best of show. Only the best of the best can count themselves among those lucky enough to have won the prestigious Lindy Award.

## Wipaire Appoints New Distributor in China



**South Saint Paul, Minnesota, May 3, 2011** – Wipaire, Inc. has appointed Aviation Supplies Ltd. as its first distributor in China. Wipaire is encouraged by the prospect of additional sales generated by the expanding global market for general aviation aircraft and aircraft floats in China.

Wipaire was first introduced to the China market through a trip sponsored by the Minnesota Trade Office in 2005. Chuck

Wiplinger, now President of Wipaire, attended the “Mission to China” trip and has continued to foster relationships since that event. In November 2010, low altitude airspace over China was opened up to general aviation, providing the first great outlook for exports to that region.

Wipaire currently employs over 150 individuals and has been manufacturing aircraft floats for over 50 years at Fleming Field in South Saint Paul and at a production facility on the Mississippi River in Inver Grove Heights, Minnesota. They are proud to continue this tradition of manufacturing in our local communities. “We are very pleased to have Aviation Supplies represent Wipline Floats throughout China,” stated Bob Wiplinger, CEO. He continued, “Aviation Supplies has a proven record of success as a leading general aviation aircraft sales and services organization in China and should lead us to a successful entry into that market.”

### **About Aviation Supplies Ltd.**

Founded in 1981, Aviation Supplies Ltd. has a strong record of establishing mutual trust and satisfaction with each of their aircraft customers through service and support. They have been the Authorized Sales Representative for Cessna Aircraft Company for over 15 years for single engine piston aircraft, Caravans, and Citation aircraft. They are also the authorized parts distributor for piston and turbine aircraft. The organization currently has facilities in Shanghai, Beijing and Hong Kong.

## Trade Show Schedule

Dates	Show	Location
September 22 - 24	AOPA Summit	Hartford, Connecticut
October 10 - 12	NBAA	Las Vegas, NV



**CONGRATULATIONS TO**  
Andrew Granger, Anchorage, AK  
Winner of 2000 lb gross  
weight increase giveaway!

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## Seaplanes are Back in France!

On Saturday, May 14, 2011, the mayor of Biscarrosse inaugurated and blessed the first seaplane flying club in France since 1947. The goals of this flying club are to make seaplane training available once again in France and renew the vibrant community of seaplane pilots that the country once enjoyed. The flying club has chosen a Piper PA-18 on Wipline 2100 amphibious floats as their first training aircraft. As of early August, the club has accumulated more than 250 hours of flight time and over 50 members. By year end they hope to have between 300 to 350 flight hours.

Wipaire wishes all the best to Aquitaine Hydravions, Aéro-club Régional Henri Guillaumet.

## The Three Types of Modification Installation Approvals

### 1. Aircraft Type Certificate

In many cases, a modification installation, such as floats or skis, will be made in cooperation with the manufacturer of the airplane. The manufacturer does the engineering, conducts flight tests and sees to everything necessary to insure that the installation is airworthy. Once deemed airworthy, the airplane manufacturer may add the installation to the Aircraft Approved Equipment List. The modification is then like any other optional equipment and is approved as part of the Aircraft Type Certificate.

### 2. Supplemental Type Certificate

A manufacturer of an approved modification can obtain approval for a particular airplane through a Supplemental Type Certificate. The modification manufacturer completes a prototype installation and demonstrates the plane is airworthy and conforming to regulations through engineering data and flight tests. The "STC" installation may then be used on all

airplanes of that specific model, as long as there is no conflict with previously installed "STC" equipment. A qualified mechanic can install the modification guided by approved instructions and drawings.

### 3. "One Time" or "Field" Approval

Sometimes a modification manufacturer does not, or cannot obtain approval for his modification on a given airplane, perhaps because of low market potential or because the modified plane would not comply with some part of Federal Aviation regulations. The owner of such a plane may apply for a "One Time" approval. They must demonstrate that the modified plane will be safe for the intended operations and the FAA may grant approval to install and use the modification on that one plane, within special limitations. Before undertaking such a project, an owner should consult with the nearest FAA representative.

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