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## Flight testing confirms SAM LS won't spin ! Special kit price for winter delivery



SAM LS, Spin flight test

### **The SAM LS does not Spin!**

Testing, by professional test pilot Raphaël Langumier, demonstrated that the **SAM LS could not be made to spin using normal control inputs; only a spiral would result, despite mishandled or crossed controls.**

Severe crossed controls, prompted the following in Langumier's report: "As a trainer or [for a] general aviation pilot, the SAM-LS will not enter in a spin from pilot error with crossed control." He continued, "With crossed controls, the flight path will not conduct to a spin, so **a pilot will be able to recover with conventional use of controls.**"

**This is a great safety achievement** and we are pleased that there was more than one spin-proof LSA design at Oshkosh this year!

Related Videos:

<http://youtu.be/t9mpjDT2JkE>

<http://youtu.be/TGDANC6l6lk>



### **SAM LS flew to Oshkosh, around the great lakes:**

It was a great Oshkosh experience again this year with the venue of our completely built and tested aircraft.

SAM LS flew to Oshkosh and back to Lachute, Canada after a 19-hour circumnavigation of several of the Great Lakes. The SAM LS behave perfectly and the journey was a delight in term of comfort and scenic views.

Related videos:

<http://youtu.be/U51iC5ONx6E>

<http://youtu.be/ly5D-B8jGJo>



## **SAM Kit are available now at a 20% discount**

Order the whole SAM airframe kit, or as many subkits as you like in 2013, and take a 20% discount. Delivery slots are still available for most subkits, for delivery early 2014.

Complete kit orders regularly priced at \$29,000; special at \$23,200

Get priority delivery.

Detailed pricing in our website

SAM LS Kit video assembly:

<http://youtu.be/BB6YCgurn-8>



Sam & Sam

### **The answer: What's the name?**

At Oshkosh, the most-often asked non-technical question about the SAM Aircraft was, **“What does the name mean?”** SAM Aircraft’s name has a simple explanation: Samuel Zibi, first child of Mr. Thierry Zibi, was born two years ago. At that time, Thierry changed the name of the company (from HAIM Aviation) to SAM

Aircraft. The company and the first airplane design bear his name. Photo of Thierry and Samuel in the SAM cockpit on his recent second birthday, below. Note that little Samuel already has his hand around the keys.



*© Jean-Pierre Bonin*

The SAM LS is comfortable, rugged, easy to repair, economical, fun... and has the distinctive classic look of a warbird trainer

### **DEMO RIDE Available**

Take the opportunity to set-up a demo ride in the Sam LS by contacting us! We are sure that you will appreciate the fun & safe flying characteristics of the SAM LS.

Sam Aircraft is pleased to accommodate you with **a free hotel stay in Montréal** if needed.

18 **COM FLIGHT** SEPTEMBER 2013

**SAM LS Aircraft inspired by much older Ryan ST**

**By Patrick Gilligan,**  
 COPA's operations manager has been inspired by the Ryan ST, a single-engine, high-wing, four-seat aircraft that was built in the 1930s. The SAM LS is a modern interpretation of the Ryan ST, designed to meet the needs of the modern pilot. The SAM LS is a four-seat, high-wing, four-cylinder aircraft that is designed to be a modern interpretation of the Ryan ST. The SAM LS is a four-seat, high-wing, four-cylinder aircraft that is designed to be a modern interpretation of the Ryan ST. The SAM LS is a four-seat, high-wing, four-cylinder aircraft that is designed to be a modern interpretation of the Ryan ST.

**Talking and Flying**  
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## Read the latest flight review done by Patrick Gilligan, VP Operations, COPA

Only when you look at images of the Ryan ST, you begin to understand where he is going with the SAM retro style...The SAM's great forward visibility, the sturdy main landing gear and steerable nose wheel ...The SAM is remarkably fast, I did not expect to be moving along at a cruise speed of 120 -plus mph....The controls are light and quick to respond, roll rate was rapid and with minimal adverse yaw...I trimmed the SAM LS and performed a perfectly coordinated 360 degree turn with hands-off the controls.

