

AIRCRAFT FOR SALE

1999 Soloy Cessna 206H Mark II Sentinel N916ST S/N 20608045

SOLD 1977 Cessna U206G Turbine Powered Stationair Mark I N588ST S/N 20603896

1994 AS350SD2 N350ST S/N 2789 – 0.0 Gold LTS101-700D-2
– Available Summer 2013

Wipline Model 4000 Amphibious Floats
– Good condition, annual due Nov. 2013
– Wipaire scheduled inspections accomplished

UPCOMING SHOWS

43rd ALEA Conference & Exposition	July 17-20	Orlando, Florida
2013 AirVenture	July 29-August 4	Oshkosh, WI
2013 AOPA Aviation Summit	October 10-12	Ft Worth, Texas



450 Pat Kennedy Way SW
Olympia, WA 98501
www.soloy.com

ADDRESS SERVICE REQUESTED



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TURBINE TOPICS

FIRST QUARTER | 2013

Soloy MKII Jump Master to Portugal

The Soloy MKI and MKII have earned a highly regarded reputation among European skydivers. With 28 aircraft in operation throughout 14 countries, the unmatched performance, economics and quiet operations of the Soloy 206 have made it the “go to” choice for those who prefer jumping from airplanes as opposed to staying securely seated.

Now you can add Portugal to the list of European countries opting for the Soloy MKII Jump Master. Production of a brand new Jump Master is well under way at the Olympia factory and the Portuguese delivery is expected later this summer.

The aircraft will be outfitted with a


bevy of Soloy skydiving features such as jump step and handles, roll up jump door, door frame spoiler, interior protection panels, and a right hand rudder pedal guard.

For increased climb rate and reduced noise signature, the 450shp Rolls-Royce turbine engine will be mated to an MT 5 blade composite propeller.

The MKII has become a favorite of skydiving clubs throughout Europe due to its EASA 1 +6 seating approval and the fact the powerful Rolls-Royce powerplant can deliver four turns to FL130 and back per hour on a fuel burn



that is half of a Cessna caravan and a fraction of the acquisition price. Simply unbeatable!

Stay tuned for more news as production moves along. 

12 AC311 Honeywell Engine Kits Sold to China

Soloy Aviation Solutions is happy to announce that they have signed a contract with China’s Changhe Aircraft Industries Group for 12 AC311 Honeywell engine kits for delivery throughout 2013.

“This is the final piece of negotiations that consummated the contract during Heli-Expo,” stated Dave Stauffer. “It was a tremendous group effort between our company, Honeywell Engine’s China representative and the delegation from Changhe Aircraft Industries Group. It is a major win all around.”

Soloy’s AC311 engine kit covers the installation of the Honeywell LTS101-

700D-2 engine into China’s all-new Avicopter AC311 light helicopter. The Avicopter AC311 kit is based on the STC Soloy received to replace the original Turbomeca Arriel engine with the upgraded Honeywell engine on Eurocopter AS350s. Soloy also received Supplemental Type Certificate (STC) approval for the AS350B2 engine upgrade kits from the Civil Aviation Administration of China (CAAC) earlier this year.



Dave Stauffer, far right, Soloy CEO, with Kevin Zhou, Honeywell, far left and Mr. Liao Jisheng, VP Changhe Aircraft Industry Group at Heli-Expo 2013 in Las Vegas.

Chief Inspector Comes Back to His Roots

Ernie Hutt, Chief Inspector in the Soloy Aviation Solutions' Quality Assurance department, worked for Soloy in the mid-80's on the Allison (now Rolls-Royce) AS350. He's worked on other helicopters with a mingling of planes over the years and other places – most recently on medium and light helicopters for a local operator in the Northwest. Deciding it was time for a change, Ernie remembered how he enjoyed being at Soloy and the satisfaction of working on the development of new products on a variety of aircraft. Now, he's back.

As Chief Inspector Ernie does a little of everything from assuring the quality of new parts produced to overseeing the various facets of inspecting work as it progresses. Ernie is experienced with both sides of production.

He received his A&P license from Clover Park Technical College in Tacoma. Three years later he studied for the Inspection Authorization. "I thought it would be practical to have both certificates," he said, "to enable me to have a broad spectrum of work. I like being director of maintenance and chief inspector; going from being in charge to getting greasy on the day-to-day work."


Ernie also likes complexity – he finds helicopters and their systems more of a challenge and helicopters are his first choice to work on and inspect. He's enjoying getting reacquainted with Soloy and the latest products including the MKII conversion to the Cessna 206H. "The MKII is a niche product and I look forward to working on more aircraft," Ernie added. "Soloy is so diverse. They can capitalize on any opportunities that show up."

Along with quality work, family is also very important to Ernie. In Puyallup where he's lived since he was 2 years old, the Hutt's dining room table is filled every Sunday with the whole family coming together for dinner – three grown children, spouses and grandkids.



Lorrie and Ernie were high school sweethearts and have been married 30+ years. "Lorrie allows my guilty pleasure of taking to the back roads on my Harley 2007 Street Bob that I bought last year. I get to have 'me time' and enjoy the roads without dealing with the traffic." Lorrie and Ernie do

get together for Seattle Sounder games as they are huge fans and season ticket holders.

A man committed to his work and family, Ernie is grateful to return to his roots and to be a member of the Soloy team. 

HELI-EXPO 2013 Recap

Soloy featured a newly converted 1994 Eurocopter AS350 B2 with the Soloy SD2 kit at the 2013 Heli-Expo in Las Vegas, Nevada in March.

Soloy's booth N3230 was active and busy during the three-day show sponsored by Helicopter Association International. The annual event was deemed successful with over 20,000 attendees, 736 exhibitors and 60 helicopters on display. "The Heli-Expo is always an important trade show for Soloy," said Dave Stauffer, CEO of Soloy.



Dave Stauffer, Soloy CEO, shows Changhe Aircraft delegates the AS350 SD2 engine conversion at Heli-Expo 2013.

Continued on page 3

New Soloy LED Landing Light Kit Enhances Visibility & Safety



Soloy Aviation Solutions has engineered and received STC approval for a LED based aircraft lighting kit for the Cessna 206G and 206H/T206H model aircraft.


On the 206H/T206H the kit installs a second light source on the leading edge of the right wing to complement the factory installed left wing taxi and landing lights. On the 206G models it adds landing and taxi lights to both wings and retains the existing nose cowl lights. The kit further converts both models to LED illumination, creating significant visibility improvement in taxi and landing environments and is compatible with the 50 gallon fuel

tanks from Sierra Industries.

Additionally, Soloy's new kit includes pulse light capability pulsing the landing light between the two wings. This pulse feature will greatly enhance recognition and visibility from other aircraft in high

traffic environments.

Each wing will retain its two light bulb configuration. The taxi light uses a diffused lens to cast wider light during taxi operations while the landing light projects a much narrower but far more penetrating beam than the current landing light bulb.


The sunspot 36HX lights used are from AeroLED and deliver 1000+ lumens at 45W which is comparable to a 100W halogen but at half the required power needed. The LED bulbs are rated for 50,000 hours of operation. Pricing for the new kit is \$6,700. 



HELI-EXPO 2013 Recap

Continued from page 2

helicopter of 6270 hours with zero time since the annual, 12-year inspection and the Honeywell gold engine configuration overhaul. The SD2 also features many other refurbishments and is for sale. Contact Soloy for details.

Heli-Expo was also the culmination of the AC311 contract for 12 kits to China's Changhe Aircraft Industry Group. See story on page 1. 


Turbine Tips – SD2 Tail Booms – Heat shield update

Since the last newsletter, Soloy has conducted an extensive temperature survey of the tail boom skins.

Results revealed that the skin temperatures in the exhaust area can

be high enough to damage some paints during some operations such as extended high power hovering during ENG and long line work.

To mitigate the effect of the heat and to give the added protection to the paint, Soloy has developed an additional heat shield extension that will be available for those operating in the environment that causes unsightly paint damage for extended hover operations.

Soloy anticipates this shield to be available in the next few months and suggests that interested operators contact Soloy to place their order. 



Turbine Tips – New Soloy EEMD



Soloy's new Electronic Engine Monitor Display is now undergoing certification flight testing. The TSO'd unit will be available as an option when installing the Honeywell engine in existing VEMD equipped AS350B2's.

