

AIRCRAFT FOR SALE

1999 Soloy Cessna 206H Mark II Sentinel N916ST S/N 20608045
– *Sale Pending*

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

For More Information Visit Us At
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SECOND QUARTER | 2013

TURBINE TOPICS

ANGEL CITY AIR AND SOLOY: YOUR EYES IN THE SKY

Who can forget the aerial images of the infamous OJ Simpson “low speed” chase along southern California highways....the lone white Ford Bronco pursued by a fleet of California Highway Patrol Chevrolet Caprice cruisers.

Or aerial shots of a bank hold up in the movie S.W.A.T.? Or scenes from the air in numerous television shows like NCIS, Swamp Loggers or NOVA?

Aerial images give us both a unique and wonderful experience whether it's a “happening now” news story or enhancing a motion picture. These images are certainly not easy to get. They require incredibly expensive broadcast and cinema equipment along with reliable helicopter and fixed wing platforms.

The world of ENG (Electronic News Gathering) and motion picture aerial cinematography is a fiercely competitive business. And no one does it better than Los Angeles based Angel City Air (ACA). ACA is a full service helicopter company specializing in aerial production and ENG operations in the

world's most competitive news gathering and film making marketplace – Los Angeles.

Founded, owned and operated since 1998 by Larry Welk (grandson of legendary big band television entertainer Lawrence Welk), ACA owns and operates a fleet of powerful, production friendly AS350 B2 helicopters. Each is fully configured for HD production, including Cineflex camera systems, multiple lens configurations, HD monitors & recorder options. In addition, ACA staffs its helicopters with SAG Pilots, Aerial DPs and Camera Technicians.

As previously stated , ACA has over 15 years experience operating news helicopters in the most competitive aerial newsgathering environment in the world. ACA provides clients turn-key helicopter programs, which include all the necessary components of a successful ENG operation: Equipment installation, aircraft management / ownership, pilots, camera systems, camera operators, and maintenance technicians.



ACA is also a Soloy customer. Having recently purchased its 3rd Soloy AS350 conversion kit, ACA is a firm believer in the reliability and performance of the Honeywell converted Eurocopter. “Soloy has done a great service in offering the Honeywell conversion to ACA and other A-Star operators,” said Mr. Welk. “Dependability is everything in the news business....we have to be there when the story is breaking. The Honeywell LTS-101 conversion made possible by Soloy makes us more dependable to our customers. As a pilot and reporter myself, I have found that the engineering and performance of the Soloy package puts us ahead of the competition. As ACA's AS350 fleet grows, so will our Soloy conversions.”

So, the next time you're watching that “breaking news” coming from the air out of Los Angeles or the magnificent aerial movie scenery, just remember it is very likely being brought to you in part by the folks at Soloy Aviation Solutions via Angel City Air. That's a wrap!



SEVEN AS350SD2 KITS SOLD YEAR-TO-DATE


In the first half of 2013 Soloy Aviation Solutions has sold seven (7) AS350SD2 engine conversion kits. Four of these STC'd engine conversion kits transacted in June. A New Zealand fleet operator placed an order for three SD2 kits and a fourth kit was sold to an existing Soloy customer who operates the largest Electronic News Gathering (ENG) and video/film operation based in Los Angeles. This was the third AS350 conversion kit sold to the Los Angeles company.

The SD2 kit exchanges the Eurocopter's AS350B2 Turbomeca engine with a Honeywell LTS101-

700D-2 turbine engine. The kit includes installation documentation, all required Eurocopter parts, Soloy exclusive parts and the Honeywell engine.

"Sales so far this year of our SD2 kits have certainly been positive and show us that the helicopter utilization is clearly strengthening," said Dave Stauffer, CEO of Soloy. "While we will obviously enjoy selling even more SD2 kits in 2013, the numbers so far indicate that operators realize the value and reliability of the SD2 conversion and that the industry overall is recovering."

The seven SD2 conversion kits sold to date in 2013 exclude the 12 AC311

Honeywell engine kits sold to China's Changhe Aircraft Industry Group for production of the firm's AC311 helicopter. Overall 144 SD2 kits have been sold worldwide. 



LIGHTS, CAMERA, ACTION!

Video demonstration of new Cessna 206 LED light kit gets two thumbs up.

With the successful completion of Soloy's Cessna 206 LED landing and recognition light kit finalized, we thought there is no better way to demonstrate the awesome capabilities of this product than with video. So, the highly adventurous and creative team at Soloy has produced and made available a short video and web page that is ready for your viewing pleasure. You can find it by clicking on the Light Kit Video link on the home page of soloy.com . Be sure to break out the popcorn first!



EMPLOYEE PROFILE: TIMM PARNHAM

Ask anyone who owns, flies or sees an aircraft Soloy Aviation Solutions has modified, the one adjective that is used most to describe the Soloy contribution is "Quality".

For Soloy, a quality product or service isn't an option...it's a requirement. And Soloy quality only comes from Soloy people....quality people like Timm Parnham.

Timm is a Soloy lead technician and has been a part of the Soloy team since 2007.

After leaving the Army as a helicopter weapons and airframe technician, Timm rotated back to his home town of Elma, Washington 40 miles west of the Soloy facility in Olympia. With a deep passion for aviation and a whole bunch of technical knowledge and experience Timm started his Soloy career.

It is important to note Timm was at the tip of the spear in March 2003 when the United States initiated Operation



Iraq Freedom and the liberation of Iraq people from Saddam Hussein. Timm kept systems on Kiowa, Apache and Blackhawk helicopters ready and functioning. A contribution everyone at Soloy thanks him for.

In his years at Soloy Timm has worked within just about every department in the shop: wiring,

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TURBINE TIPS

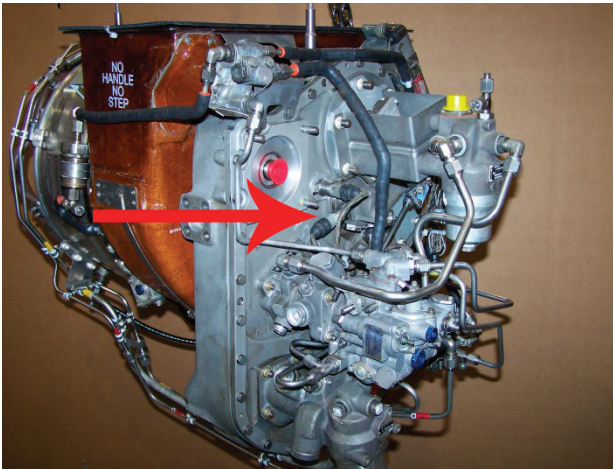
There have been reported cases of rpm loss indication on our Dual and NG tachs on the AS350B2 and BA conversion kits. Early on in the program we had several indicators that did in

fact fail straight out of the box. Since those occurrences the manufacturer has taken steps to rectify the problem and as added assurance, Soloy tests each indicator upon receipt from our vendor.

We still receive reports on indication failure and an AOG request for a replacement indicator. While we do stock spares and they are always available, considerable expense is

LTS101-700D-2 Magnetic Pickup Specs


Parameter	Signal characteristics	Remarks
Gas generator speed NF	0.1 volts min. Peak at 5% 0.5 volts min. Peak at 100% 4317 pps at 100% Ref 47,870 rpm (700D-2)	Magnetic pickup. Output frequency directly proportional to rotor speed.
Power turbine speed NG	0.3 volts min. Peak at 5% 4.5 volts min. Peak at 100% 4317 pps at 100% Ref 37,000 rpm (700D-2)	Magnetic pickup. Output frequency directly proportional to rotor speed.



imposed on the operator to expedite charges for over night shipment etc. Eighty percent of these incidents are caused by defective sender or loss of poor connector contacts.

The Honeywell magnetic pickups part numbers are: Power turbine NF 4-301-061-03

and Gas producer NG 4-301-062-03. These pickups should be tested after the connectors have been removed, checked for cleanliness and reinstalled. Often this simple action will remedy the signal interruption.

The rotor pickup inspection and tests are found in the Eurocopter maintenance manual but the gap is important and static resistance at pins 6 and 5 is 1630 ohms +/-15%. 

LTS101-600A-3A showing magnetic pickup connectors

EMPLOYEE PROFILE ...CONTINUED FROM PAGE 2

machine shop, paint, metal fabrication, fiberglass....you name it, Timm has done it and done it with quality.

He has worked on all of the production Soloy MKII aircraft, and has been involved in the fabrication and development of four A-Star SD, SD1, and SD2 engine conversions. Lately, you can even find Timm assembling brand new "out of the box" GippsAero GA8 Airvan aircraft as they arrive from Australia for North American delivery.

A true aviator, Timm holds an FAA helicopter pilots license with

commercial privileges and when not working on helicopters you can find Timm flying a Robinson R44. He prefers rotors to fixed wings and would someday like to put his commercial privileges to work. As he simply put it, "it doesn't matter where I'm flying, I like flying."

Soloy is where Timm likes being today. He says the appreciation and respect of the people he works with keeps him motivated to improve his skills and quality of work. The diversity of assignments at Soloy keeps him from

the boredom many aviation technicians experience in "assembly line" like environments.

Yes, Timm is a quality guy and his work exemplifies it. It appears everything Timm pursues in his life and career exudes quality....even his brief stint as a Cruise Ship singer/performer after high school. Yes, Timm Parnham is a Renaissance Man, a quality man.

