Electronic Ignition Systems for 470 & 520 Continental Engines

We have received the first of what we expect as several new design approvals and STC’s for its Electronic Ignition Systems: Electroair has received Design Approval and FAA-PMA for the EIS-61000 series electronic ignition system for Continental 470 and 520 series of engines.

This electronic ignition system is for the O/IO-470 series and IO-520 series of engines. The Electroair kit uses a Crank Shaft Trigger Wheel for locating engine position and determining RPM of the engine. The trigger wheel kit offers a highly accurate way of determining engine information with the long term benefit of needing only a sensor change at the next engine overhaul. In order to use this system, a minimum of 0.650” of clearance must exist between the crankcase and propeller studs. Electroair has developed and is working through the certification program for a 6cyl Mag Timing Housing (MTH), which removes any limitation that might be experienced with a Crank Shaft Trigger Wheel.

The EIS-61000-1C was flight tested with a Cessna 182 (O-470) and demonstrated consistent fuel savings of 1.5-2.0gph. The very hot, long duration spark coupled with the variable timing allowed for this great increase in fuel economy.
EIS-61000-1C kits are available for immediate shipment. Additional approvals are expected for Lycoming 540 series engines, Continental 360 series and 550 series engines shortly. More information can be found at Electroair’s website: www.electroair.net

**World Record Set for Inverted Flat Spin**

We are very pleased and proud to announce that Spencer Suderman ([http://www.spencersuderman.com/](http://www.spencersuderman.com/)) has set the World Record for the Inverted Flat Spins by spinning 81 times, from an altitude of 23,000ft, recovering at 2,000ft. Spencer has credited the Electroair electronic ignition system for helping him reach the altitude necessary to accomplish this record. Click here to watch the video: [https://www.youtube.com/watch?v=dL63avj-BCU](https://www.youtube.com/watch?v=dL63avj-BCU)

The ignition system that Spencer used is a production-intent, Lycoming 6cyl STC’d ignition system. The ignition was not modified from its design configuration for this record. Once certified, the same ignition that helped Spencer will be used for our Lycoming 6cyl STC’d ignition systems. Certification of the Lycoming 6cyl Ignition is expected shortly.

**Sun N Fun 2014**

Electroair will be attending Sun N Fun 2014 in Lakeland, FL. Our booth will be in Building ‘B’, booth number B72. Please stop by and visit our display if you are going to be attending the show. We may have even more things to talk about at Sun N Fun.