

Happenings at DeKalb County Airport

- The Hoosier Warbirds are adding exhibits to their museum. Carol and John Shuttleworth informed that the Hoosier Warbirds, during the regular scheduled Hoosier Warbird board meeting, that the Hoosier Warbirds will be displaying the static displays from the Wings of Freedom museum in Huntington. The Hoosier Warbirds made John Shuttleworth a member of the Hoosier Warbird Board.
- Michiana Contracting has begun the AWOS construction. The base of the tower is cemented and the electricity and meter base is installed. The AWOS construction should be completed by late April. The AWOS will be turned on test mode, until published, but will give current weather.
- The Sewer Extension for the airport is currently undergoing bids. The city approved construction plans and easements are obtained. Start of construction of the sewer extension should occur sometime early summer.
- New T-hangar row F is currently under construction. The footings and floor are poured. The building should be started sometime in late April with expected move-in date June 1st.

Aviation Industry News

NTSB Reports increase in accidents last year - The total number of aviation accidents rose from 1,820 in 2002 to 1,864 in 2003. There were 695 fatalities in all aviation accidents in 2003. There were 351 fatal GA accidents, up from 345 the year before. Total GA accidents increased from 1,713 in 2002 to 1,732 in 2003. The accident rate remained relatively unchanged from 6.69 in 2002 to 6.71 in 2003 per 100,000 flight hours.

Lancair adds pressurized version - Lancair International, maker of Lancair kit aircraft, has added the Lancair ES-P to its line of aircraft. The ES-P will be powered by the Continental TSIO-550C 310 horsepower engine. This should allow for a cruise speed of 255 knots at an altitude of 24,000 feet msl, according to company executives. The ES-P retains the original 61-knot stall speed of the ES, but the gross weight will increase to 3,550 pounds. Fuel capacity is 105 gallons. The kit is priced at \$94,000. A deposit of \$6,000 secures the order. **Lancair ES pictured above.**

DeltaHawk diesel taking orders for 2004 delivery - The innovative DeltaHawk diesel aircraft engine company began accepting deposits on March 18th for firm 2004 delivery dates at locked-in prices. The DeltaHawk diesel company was founded in 1996 to develop a "clean sheet" compression-ignition engine for general aviation. A prototype first ran in January 1997 and, since then, a pre-production engine has passed 10 million cycles on its rotating components. Following completion of its flight test program, the 160 hp engine will be sold initially to the experimental, unmanned aerial vehicle (UAV) and industrial markets. Over the longer haul, DeltaHawk plans to build a family of engines ranging from 160 hp to 420



Don't Forget

Don't forget:

May 4th - General Election Day

May 9th - Mother's Day

May 31st - Memorial Day

To Do List:

April 29 & 30 and May 1st and 2nd - Auburn Spring Motorfair at Kruse Auction Park.

May 13th - Cruise-In at the Courthouse 6:30 to 8:30 pm.

May 14th - Hoosier Warbirds Fish and Chicken Dinner at the Hoosier Warbirds Museum.

May 15th - 8th annual Cycle-fest at the Kruse Auction Park.

May 29th - Just for fun Cruise-In at the Kruse Auction Park.

Special points of interest:

- The BOAC meets every third Friday at 12:30 PM. The next meeting will be May 21st, 2004.

Maintenance Regulations Quiz answers at bottom

1. According to FAR Part 43, what is the distinction among the terms "overhauled", "rebuilt", and "remanufactured" as applied to an engine, propeller or accessory?

- a. "Overhauled" and "remanufactured" both imply that the component meets the same tolerances and limits as a new one, while "rebuilt" does not.
- b. "Rebuilt" and "remanufactured" both imply that the component meets the same tolerances and limits as a new one, while "overhauled" does not.
- c. "Rebuilt" implies that the component meets the same tolerances and limits as a new one, while "overhauled" and "remanufactured" do not.
- d. "Remanufactured" implies that the component meets the same tolerances and limits as a new one, while "overhauled" and "rebuilt" do not.
- e. The three terms are synonymous as far as the regs are concerned.

2. Under what circumstances may a private pilot who is not a certificated mechanic work on an aircraft that he owns or operates?

- a. Under no circumstances. Only an A&P may work on an aircraft.
- b. If the work is limited to simple preventive maintenance.
- c. If the aircraft is operated under FAR Part 91 only.
- d. If the work is supervised by a certificated mechanic.
- e. If (b) and (c) are true, or if (d) is true. f. If (b), (c) and (d) are all true.

3. The regulations require that a person performing an annual inspection on an aircraft must:

- a. hold an FAA Inspection Authorization. b. use an approved checklist to conduct the inspection. c. sign off the aircraft in its maintenance records for return to service.
- d. all of the above. e. none of the above.

4. The FARs specifically require that an annual inspection on a piston aircraft include a compression check and an inspection of the engine oil filter or screen (as applicable) for metal.

- a. True. b. False

5. Which of the following items may NOT be performed by a pilot who is the owner or operator of an aircraft operated under FAR Part 91 without supervision and sign-off by a certificated mechanic:

- a. Re-greasing landing gear wheel bearings. b. Troubleshooting and repairing broken landing light wiring. c. Replacing seat belts.
- d. Replacing an instrument panel post light. e. Removing, cleaning, gapping, rotating, and reinstalling spark plugs.
- f. All of these may be performed by the owner/operator.

6. If a non-mechanic owner/operator performs sanctioned preventive maintenance on his aircraft, he must log the work in the aircraft maintenance records and include the date plus his signature and pilot certificate number.

- a. True. b. False.

7. A Canadian mechanic ("Aircraft Maintenance Engineer") may perform maintenance, repairs, and 100-hour inspections on U.S.-registered aircraft when they are in Canada.

- a. True. b. False.

Aviation One liners

-Airline captain: "If only I made as much money as people think I make, had as much time off as my neighbours think I have and had as much fun on stopovers as my wife thinks I have".

-Sign seen at refueling point: WARNING Do not operate any radio transmitter within 100 metres of the pumps. If your life is not worth anything..... the fuel is!

-Any attempt to stretch fuel is guaranteed to increase headwinds.

-A thunderstorm is nature's way of saying "Up yours!"

-Keep looking around, there's always something you missed.

-Remember, you're always a student in an airplane.

Send Us Your Ideas

Please send us your ideas of things you would like to see in the newsletter. Any newsletter suggestions or comments can be sent via email to: wtroth@sbcglobal.net or faxed to 260-927-4040. If you are a DeKalb County Airport Tenant, you may