

# DUNCAN INTELLIGENCE

## Engine Data Display on the Citation 525

•Joe Austin

Would you like to do trend monitoring on your engines? Are you unable to because the engine data only display during engine start?

With the display deactivated the engine gauges are “un-cluttered,” but you do have the option for constant display. The choice is up to you.

Inside the Pedestal, on the right side is a small toggle switch that can be moved to display the engine data all of the time, instead of just during start. This switch is used by the engine technicians to access your engine data, but there is nothing wrong with having the numbers displayed all of the time.

## Fuel Leaks in the Citation 650

•Joe Austin

If you are flying a 650 model aircraft you know that one of the worst areas to get a fuel leak in is the air gap area between the fuselage and the wing.

According to the maintenance manual this is a grounding item when detected.

Duncan Aviation Battle Creek has gotten very proficient at fixing these leaks in a minimal down time. If you find you have this problem, give us a call—we typically repair difficult leaks in one visit!

Call me at 800.525.2376 or email me at Joe.Austin@DuncanAviation.com.

## When Not To Move Your Aircraft

•Joe Austin

The manufacturer of your gyro recommends that there is a specific time when you can or should not move your aircraft after you have had your gyro operating. Honeywell says that you can move your aircraft up to ten minutes after you shut your gyro off without causing any damage to the gyro. After ten minutes they recommend that you wait an additional fifteen minutes to give the gyro enough

time to spin down sufficiently to not cause any damage to the internal components. The gyro is an extremely sensitive component that can be damaged easily. They recommend these guidelines to help extend the life of your gyro. If you need to move the aircraft and it has been more than ten minutes, turn on ship's power to spin up the gyro then move the aircraft.

## A New Battery on the Block

•Chris Gress

Battery technology is always changing, and there is a new battery manufacturer on the block. The name of the company is HAWKER and the benefits and construction are a great fit for Citation aircraft. For more information, give me a call at 402.479.1664.

## Trivia Question

•Joe Austin

The previous question was: Most of the cockpits are going to EFIS displays, even in 172s and 182s. The older, round instruments used in jets and piston aircraft had a slang name. What was it and how did they get this nickname?

The answer: Steam Gauges. During the birth of aircraft technology most industry steam gauges were round in shape, and the name carried over to the aircraft gauges. Even though square and rectangle instrument gauges have started appearing, the round gauges have retained the nickname.

This edition's question is: What type of fasteners are prohibited from use in the fuel cells, unless extra measures are done to the fastener?

To answer, call Joe Austin at 800.525.2376 or email Joe at Joe.Austin@DuncanAviation.com.

