

# FUME EVENTS

## AIRCREW HEALTH EMERGENCY

In recent times, dramatic events involving aircrew exposed to FUME EVENTS ✈️ have been very difficult to prove, even in the light of overwhelming evidence supporting the claim. Grounded? Now is the time to determine your individual Cholinesterase reference value.

### Cholinesterase: Why measure it?

Following exposure to neurotoxic substances during a **FUME EVENT** ✈️, Cholinesterase is the benchmark biomarker used amongst others by French administrations in procedures to recognize Workplace accidents or Occupational illnesses. To best use this biomarker, establishing an individual reference value is crucial.



### Why the urgency?

The CoViD-19 crisis has seen an unprecedented grounding of aircrews. Now is an ideal time to establish your **individual Cholinesterase reference value**, as a minimum period of 30 days “without exposure” is required by the Health Authorities to allow a valid comparison. Once you will have resumed your duties this value will be almost impossible to establish. In case of a suspected **FUME EVENT** ✈️, the result of a new blood test can then be compared to your original individual reference value.

**Further information on FUME EVENTS**

### How does this work?

Before resuming flying, it is important to have had two (2) blood tests done two (2) weeks apart. You will need to get the two (2) types of Cholinesterase (AChE and BuChE) measured at a local laboratory. *FYI: In France the cost of each set of analyses without a prescription is approximately 45€ ~ 50\$.*  
*The cost will vary depending on country, circumstances, and health insurance coverage.*

Once you return to work, in case of a suspected **FUME EVENT** ✈️:

- 1 Have a blood test done as soon as possible
- 2 Keep a record of all your flights including those taken as a passenger
- 3 Keep all your test results
- 4 **Keep all your work schedules.**

**These results (AChE and BuChE) can then be compared to your individual value, and thus provide proof of your exposure.**

Depending on your country, National Authorities may recommend or use other markers and protocols.

We encourage you to check the workplace accident/illness guidelines in your country and eventually adapt our suggested protocol accordingly to establish your reference values.

Local Victims Organizations and/or Unions could be of help in this matter.



For years now, the Unions and AVSA have been alerting you of the devastating effects of cabin air pollution.

**You have the Right to know ! | Act now for the sake of your health.**