

Full-Scale Cessna Simulator Study: 2018

Attention Pilots!

The ACE Lab at Carleton University is looking for participants!

The Usefulness of Cognitive Health Screening for Predicting Risk in General Aviation



You may participate if you:

- are 18 years or older, and
- have a current permit* or licence (aeroplane), and
- have a current medical certification; and
- have flown as pilot-in-command within the last 24-months.

*students who have solo and cross-country experience may qualify.

The study takes place over two sessions at the ACE Lab at Carleton University.

Participants will:

- Fly a full-scale Cessna simulator for a custom-designed search and rescue training exercise;
- Wear two bio-sensors while in the full-scale simulator (a wristband and a lightweight wireless EEG headset).
- Complete two brief cognitive screening tests (one using a head-mounted virtual reality device); and one designed by NASA

You will not be compensated monetarily for participating but parking costs will be paid for by the study, and we provide you with refreshments.

During the simulated flight you will have the opportunity to use an electronic navigational flight aid (we provide).

Participation is completely voluntary. **Previous GA study participants are welcome!**

We look forward to hearing from you!

Kathleen Van Benthem, Ph.D. and
Chris M. Herdman Ph.D, Director, ACE Lab

Please reply at cessnastudy@gmail.com



This poster expires December 2018.

This research was cleared by the Carleton University Research Ethics Board – B (Project Protocol Clearance #108569)