

## Project FEMflight



### *Gender Diversity in General Aviation Cockpit Design*

**Austrian Ministry for Transport, Innovation and Technology, FEMtech, FFG Nr. 826143**

The idea of FEMflight was to explicitly perform cockpit usability and acceptance tests with pilots of both genders and to optimize the new cockpit system with pilots' feedback.

Tasks:

- Scenario-based evaluation with pilots in flight simulator including normal and abnormal procedures;
- Assessment of pilots' performance, workload, situational awareness, psychophysiological activation (heart rate, heart rate variability), usability, acceptance, trust in automation;
- Functionality tests of hardware and software.

### **Time Period**

2009-2011

### **Cooperation Partner**

Brightline Avionics, Kalsdorf bei Graz

