



The ESA Business Incubation Centre in Darmstadt, Germany, was founded in 2007 and is managed by Centrum für Satellitennavigation Hessen (cesah). The centre offers business start-up support as well as technical expertise in different space related areas, and in particular in satellite navigation, data systems, software systems and navigation test environments.

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## **GPASS**

**GPASS General Pilot Aviation Support System – a sustainable aid for non-commercial pilots**



Website

**Founded in 2011 by**

- **Jürgen W. Müller**

**Incubation period**

22-08-2011 to 21-08-2012



space solutions

Alumni

## About GPASS

GPASS is a software for planning, preparation and realization of flights using the internal GNSS and mobile data technologies of Apple iPad hardware and similar equipped mobile devices.

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## The challenge

GPASS will keep records, perform trainings and simulations, increase safety in emergency situations by means of a safety management system. GPASS is developed for small and mid size airplanes as well as helicopters.

## The solution

GPASS is easy to fit inside the cockpit; the required sensor and communication systems, such as acceleration and inclination sensors, are already integrated.

