**PRESS RELEASE**

**AERO 2023: World premiere – Autonomous airport operations with aerops**

**At this year's AERO exhibition in Friedrichshafen, aerops will be the first company in the world to present its new all-in-one solution for autonomous airports operations. Numerous airports in Great Britain, Germany and all over Europe, the USA and many other countries already use aerops as a digital payment solution for the calculation and payment of fees and charges as well as for automated fuel station control. aerops is the first solution that automatically records all flight movements and independently compares this data with take-off and landing declarations as well as transactions that have taken place. If such data on flight operations is not available, the aerops monitoring system transmits a message to the airport, including a photo and aircraft registration number, for holder research.**

*Dresden,12.04.2023:* The basic responsibilities of an uncontrolled airport include, among other things maintaining flight logs for statistical evaluation, charging airport fees and operating the airfield fuel station. Until now, these operational tasks were often still performed by the aerodrome staff on site. It can be assumed that more and more airports will switch to autonomous flight operations. To ensure that the flight logbook and all necessary statistics are kept in compliance with the law and that the charges incurred are calculated correctly, the new aerops payment and control system now offers all important functions to ensure autonomous flight operations cost-effectively and efficiently.

**Flight operations are recorded and validated**
The aerops surveillance system consists of a solar panel and a battery for wireless charging. The camera is equipped with image recognition software that extracts the registration number and transmits the data digitally to the aerops system.
All aircraft motions are recorded in the digital flight log and compared with take-off and landing notifications as well as existing transactions. For aircraft motion data that cannot be validated by the system, the airport is notified accordingly. Thanks to the open and integrative system philosophy of aerops the integration of ADS-B, FLARM and other external solutions via standardised interfaces is easily possible - the only requirement is WIFI or a GSM connection.

**Digitisation made easy!**
The aerops software is web-based and enables the registration of a new airport within 20 minutes. All landing charges, fuel prices and other services are registered once and can be modified at any time. The system already includes more than 50,000 validated aircraft registration numbers, so that additional checks are no longer necessary and charges can be calculated immediately and automatically.
The registration, fee calculation and payment of a flight are carried out via a landing and take-off notification by the pilot either via the aerops app or a mobile-optimised web form that is integrated on the airport's website. Filling stations with mobile or stationary

fuel dispensers can also be connected to the system. With the help of the aerops app, pilots activate the fuel pumps themselves and thus also pay for the amount of fuel refuelled. aerops offers airports interfaces to many well-known fuel pump manufacturers for this purpose. The fuel data is automatically made available on a customer's own web portal for level monitoring.

Via CVS export, all flight movements can also be transferred to an existing airport software, so that all statistics are available as usual.

Further information and live demos are presented at the AERO in hall A4 at aerops booth 109.

**Picture:**



The system for recording flight data at our test airfield in Chemnitz-Jahnsdorf.

**AERO 2023 - International Show for General Aviation,**
**19-22.04.23 in Friedrichshafen (EDNY)**
AERO Friedrichshafen is the international exhibition for general aviation. More than 600 international exhibitors present the full spectrum of general aviation: from parachuting and hang gliding, ultralights, gliders and motor gliders, single and twin-engine aircraft to business jets. The supporting programme includes the AERO Conferences, customer demo flights, and a model airshow.

**About aerops**

Founded in Dresden in 2018, aeroPS GmbH is with aerops a leading provider of digital payment and control solutions in international air travel. In Germany only, more than 60,000 pilots already use the mobile payment app and more than 75% of small and medium-sized airports use the intelligent billing software aerops for the digital payment and billing of fees and ground services.

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