

Kakolewo Aerodrome

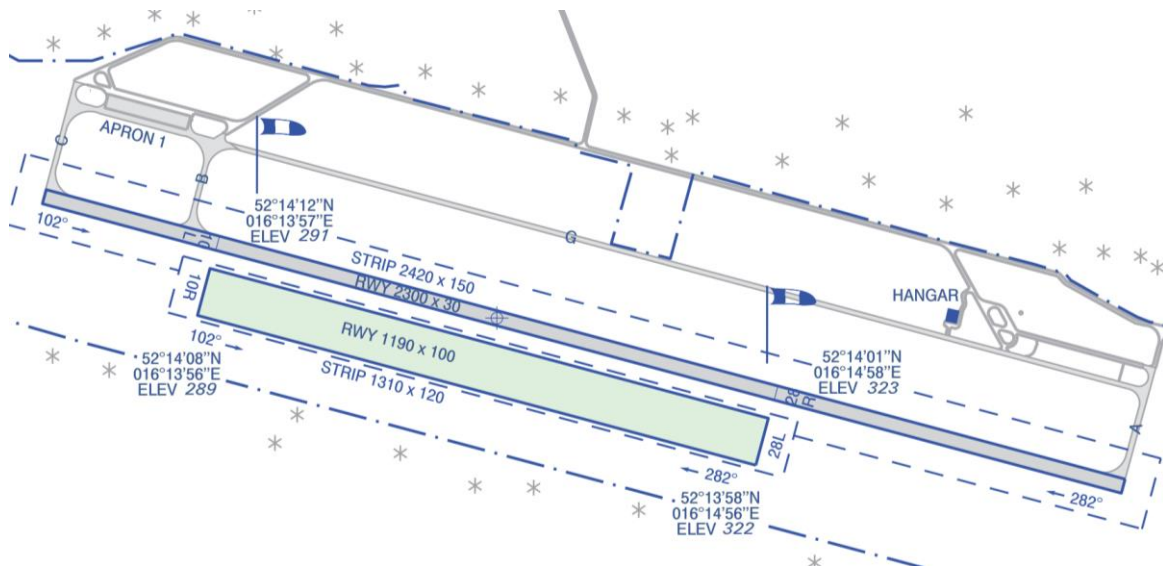
Kakolewo Aerodrome (ICAO airport code EPPG) is a post-military airfield currently used as a civil airfield. It is VFR registered and available for public with limited certification.



Kakolewo is located in western Poland 50 km west from Poznań and 1.5-hour drive from Germany-Poland border. It is close to A2 motorway, European E30 route connecting Berlin and Moscow.

Kakolewo aerodrome is administered by Aeroport, a company controlled by Poznan University of Technology (PUT) and Poznan Aeroclub (AP). Poznan Aeroclub is also the owner of the airport terrain of the area of almost 200 ha.

The concrete runway (28R and 10L) is 30 m wide and 2300 m long. There are also three taxiways: two perpendicular and one parallel to the runway of the length of the runway. The apron is dedicated for 6 B-code airplanes (up to 24m wingspan).



There are no post-military buildings left at the aerodrome therefore the brand new airport infrastructure is currently under construction. Two PUT and AP hangars (floor area of 1000 m² each) have been already constructed, together with two private hangars of the total area of 900 m². AP office and workshop facility of 400 m² is going to be completed by the end of 2020 together with the petrol station (AvGas 100LL and JET A-1). PUT is going to build a service hangar (floor area of 1600 m²) and a 500 m² office and workshop facility. Poznan Supercomputing and Networking Center (PSNC) is currently carrying out an investment process for the construction of a small UAV testing facility of a floor area of 1600m² and a height of 12 meters.

As the aerodrome is dedicate to be a place where research and development (R&D) activities are carried out, the local government financial support (almost 10 million EUR) was given to PUT and PSNC. Two astronomy observatories, a satellite communication center and a space robot testing facility (30 meters wide and 15 meters high) are to be built between 2021 and 2022. The aerodrome infrastructure is being used for testing PUT electric vehicles and autonomous UAV.

Thanks to the fact that there is a 32-hectar infrastructure-free area within the aerodrome boundaries, large photovoltaics PV power plant is going to be built within the next 5 years with the 25 million EUR government support. R&D activities for hydrogen production and storage are to be conducted in connection with PV power plant.

Apart from the scientific activity, the airport is used for intense airplane training. More than 45 PUT students participate in airline transport pilot license courses (ATPL) conducted with use of aircraft fleet owned by PUT. The fleet consists of, among the others, a brand new C172 and C182 equipped with Garmin G1000NXi ESP. With the government help the airport lights (runway edge, PAPI, approach) together with RNAV/GNSS approach procedure are going to be in use in late 2021.



Any Green Airport experimental work at the TRL 6 level may be performed at the Kąkolewo airport.

We are looking for the partners for the call: Green airports and ports as multimodal hubs for sustainable and smart mobility ID: LC-GD-5-1-2020

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/lc-gd-5-1-2020;freeTextSearchKeyword=green%20deal;typeCodes=1;statusCodes=31094501,31094502,31094503;programCode=H2020;programDivisionCode=null;focusAreaCode=31087050;crossCuttingPriorityCode=null;callCode=H2020-LC-GD-2020;sortQuery=submissionStatus;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePageState>

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