research airport

Runway into tomorrow's technology

The volume of air traffic will double in the next 20 years. This increase in the need for mobility and the increasing shortages of resources an enviromental pollution are major drivers of research and development for future aircraft systems. Interdisciplinary and network solutions are needed to use existing capacities safely and efficiently and to stay abreast of the growth in traffic. Possible solutions are being developed and tested at the research airport.

52° 19' 10" N
10° 33' 32" O
Elevation 297 ft

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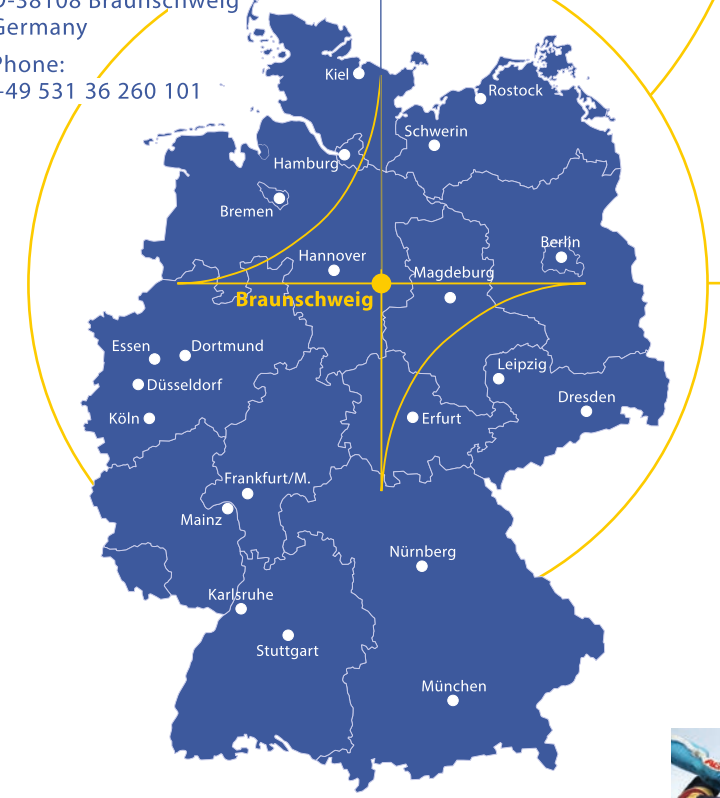

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Take-off for the future

Latest update: April 2018

research airport

Resaerch Airport – always a step ahead

The Research Airport offers an internationally unique infrastructure with research aircraft, wind tunnels, simulators and testing facilities which, along with the airport infrastructure (second largest airport in Lower Saxony), are concentrated in a single location. Added to this is, a regulatory authority such as the LBA (Luftfahrt-Bundesamt – German Federal Office of Civil Aviation) and the BFU (Bundesstelle für Flugunfalluntersuchung – German Federal Bureau of Aircraft Accident Investigation) complement the network.

The name "Research Airport" provides the best description of what the location unique: effective combination of research, science and entrepreneurship. Here the benefit created goes far beyond the sum of the individual services.

The Forschungsflughafen Braunschweig GmbH, Research Airport, represents a service platform for all questions about the research airport. The task is to network the local partners and further companies, indentify their shared research priorities, and coordinate them for projects.

The companies work together on projects. Close networking with the Technical University of Braunschweig (TU) and the German Aerospace Center (DLR) provides contact with the experts of tomorrow. The NFL (Niedersächsisches Forschungszentrum für Luftfahrt – Aeronautics Research Centre Niedersachsen) and the NFF (Niedersächsisches Forschungszentrum Fahrzeugtechnik – Automotive Research Centre Niedersachsen) are current major projects. Promising topics for the future such as the Citizen-Friendly Airplane and Metropolitan Car being worked on by interdisciplinary research teams.

Excellence across the board

Over the last 20 years, the Research Airport has developed into one of the most innovative business and sience clusters in Europe. Currently around 3,000 employees of 40 companies, the DLR and the TU Braunschweig research and develop the systems of tomorrow on site – and not only in the area of aviation.

With its portfolio of intermodal traffic, Braunschweig is developing into Europe's leading centre of competence for mobility issues, in automotive, aviation, rail, certification and electromobility.

A piece of the future

For Galileo, the European civil tracking and navigation system with a service guarantee, the certifications and services for critical safety applications is being implemented at the research airport. Modern driver assistance systems in cars and trucks, among others, profit from this. With ITS mobility nord and GAUSS (Galileo Centre for safty critical applications, certifications and services), the most important Lower Syxony players for mobility questions are located in Braunschweig. 11 test aircraft, including an Airbus A320 (ATRA) and 16 simulators provide the foundation for Europe's largest civil test centre.

When will you start here?