



University of Žilina
... university with tradition

ŽILINSKÁ UNIVERZITA
...univerzita s tradíciou

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SLOVAK REPUBLIC
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UNIVERSITY CAMPUS



UNIZA ... university with tradition



Air Transport Department

University of Žilina
Airport Žilina
(LZZI)
49°14'00"N
018°36'49"E
Geometric centre
of the RWY 06/24.



BASIC INFORMATION

History

- A relatively long tradition of our Faculty goes back to the early '50s. The former College of Railway Transport in Prague established on 1st October of 1953 within the Czech Technical University housed also the Faculty of Transport.
- The university, already renamed the College of Transport moved to Zilina - the northwest centre of Slovakia in 1960.
- When the displacement was completed in July 1962, the College had also the Faculty of Operation and Economics of Transport (F PED) where the **Department of Operations and Economics of Air Transport** was the stable constituent of the faculty.



BASIC INFORMATION

- One of two universities located in the northwest region of Slovakia, the only technical university in the region
- **Unique in Slovakia** - as it has a long tradition of providing education in the fields of transport and communications
- **76,518** students have graduated from the university
- Scientific degrees Ph.D. have been awarded to **2,527** graduates



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STUDY

- **8 149 students, in it:**
 - 1st and 2nd. cycle: 7,778
 - 3rd cycle: 371



Employees
in total: 1,487
Academic staff
614, within it:
99 Professors
and 165 Associate Professors



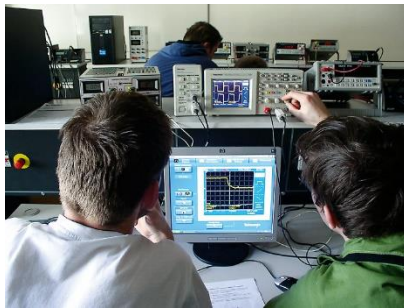
STUDY

study programmes in all 3 levels of degree are offered:

- Bachelor study programme (3 years)
- Master study programme (2 years)
- PhD. study programme (3 to 4 years)

Study forms: full-time

part-time (only PhD. study programme)



ACCREDITED STUDY PROGRAMMES

Bachelor Study Programmes

- Air Transport
- Professional Pilot

Master Study Programmes

- Air Transport
- Technology of Aircraft Maintenance

Doctoral Study Programmes

- Transport Technique and Technology
- Transport Services
- Economics of Transport, Communications and Services



AIR TRANSPORT DEPARTMENT

- 246 students, in it
 - 1st cycle: 153
 - 2nd cycle: 76
 - 3rd cycle: 17 (5/11ext)



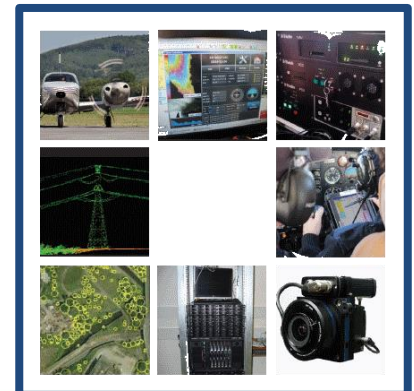
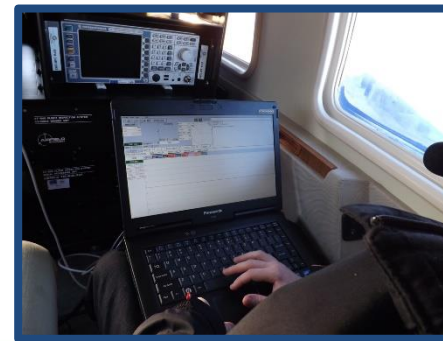
Employees
in total on ATD: 15
Academic staff
13, with in it:
3 Professors
a 5 associate Profesors



RESEARCH

The core areas of research and consulting activities of the ATD include:

- Airport capacity and operational assessments
- Civil aviation security
- Meteorology and weather hazards
- Airline operations and economics
- Human Factors
- Safety of general aviation
- Air Traffic Management



FP 6/7 H 2020 RESEARCH

- Air TN, Air TN NextGen
- SWIM SUIT
- ASSET (FP 7)
- CEARES (FP 7)
- FAST (Eurocontrol)
- BeAWARE
- CaBilAvi (H2020)
- NASCIO (SESAR JU)
- KAAT (H2020)



INFRASTRUCTURE



AIRCRAFT MAINTENANCE
CENTRE APPROVAL
(SK.MF.006, SK.MG.025)



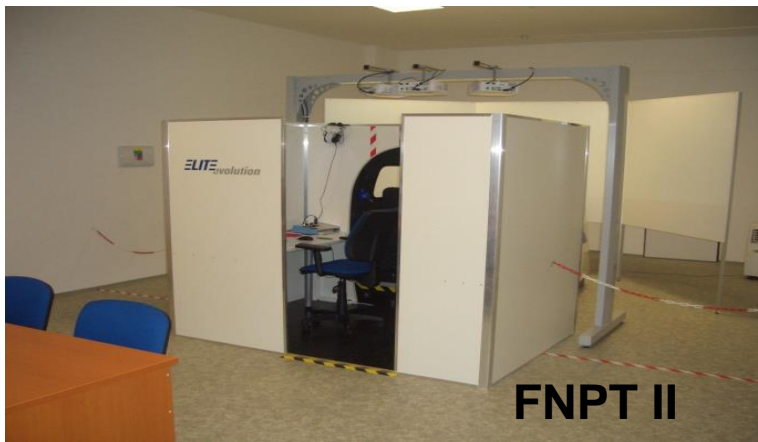
INFRASTRUCTURE & SIMULATORS



BITD



FNPT II+ MCC



FNPT II

UNIVERSITY OF ZILINA IS A
HOLDER OF THE CERTIFICATION
ON FLIGHT TRAINING
ORGANISATION APPROVAL
(SK.ATO.01)



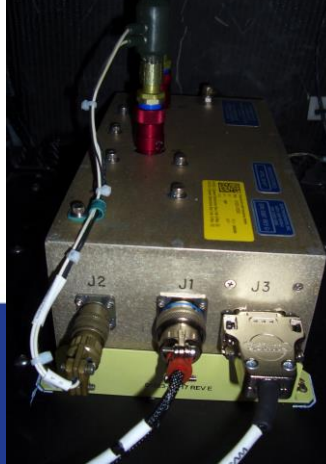
AeroLab 1



Piper Sencoca PA 34-220T wit Flight Inspection System (FIS) Installation. The FIS is from Airfield Technology approved for measuring VOR/DME, ILS cat I and II, NDB, RNAV, GNSS, RADAR and PAPI.



AeroLab 2



University of Žilina

introduces the project

Broker centre of air transport

for transfer of technology and knowledge into transport and transport infrastructure



RESEARCH LABORATORY AEROLAB 3

- Piper Seneca PA 34-220T



- With Laser scan Trimble Harr





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THANKS FOR YOUR ATTENTION

