



Ivo Jebáček

Brno University of Technology Institute of Aerospace Engineering

Address: Technicka 2896/2
Tel: +420 541 142 457
Email: jebacek@fme.vutbr.cz
Website: <http://www.lu.fme.vutbr.cz/en/>

Education and academic qualification

- 2009 – Associate Professor
- 2002 – Design and Process Engineering - Ph.D.
- 1996 - 1999 Brno University of Technology, Faculty of Mechanical Engineering
- Specialization: Design and Process Engineering – postgraduate course
- 1991 - 1996 Brno University of Technology, Faculty of Mechanical Engineering
- Specialization: Aeronautical Engineering

Career overview

- 2009 – Associate Professor
- 2005 – Head of Aircraft Testing Facility at IAE
- 2002 – 2009 Lecturer, Institute of Aerospace Engineering FME BUT,
- 1999 – 2002 Assistant, Institute of Aerospace Engineering FME BUT,
- 1998 – 1999 Technical worker, Institute of Aerospace Engineering FME BUT,

Recent Scientific activities

- 2018 – Grant project leader č. TH03010434, TL - 5000 - aircraft using state-of-the-art technology
- 2017 – Grant project leader č. FV30106, Stream Turbo - military training aircraft with a presumed take-off weight of cca 800 kg, a tandem seat arrangement and a turboprop engine
- 2016 – Grant project leader č. FV20698, Stream Trainer - advanced trainer aircraft

Pedagogic activities and supervised courses:

Aircraft Design I (OK1)
Aircraft Design I (OK1-A)
Aircraft Design II (OK2)
Aircraft Design III (OK3)
Aircraft Testing (OZK)
Aircraft Testing (OZK-A)
Aircraft Testing (OZK-A)
Diploma Project (M-STL) (OD5)
Diploma Seminar (M-STL) (ODS)
Semester Project (OS1)
Semester Project (OS1-A)
Testing of Aircraft (9ZLL)

Prizing by scientific community

- In 1996 awarded prize of Minister of Education

Sum of other citations (without self-citations)

5

Recent publications:

Jebáček, I.; Matějů, J. Aerobatic Special In-Flight Tests At Institute Of Aerospace Engineering. In *Engineering Mechanics 2017. Engineering mechanics 2014*. 1. Engineering Mechanics 2017, Svratka, ČR: Brno University of Technology, 2017. p. 42-45. ISBN: 978-80-214-5497-2. ISSN: 1805-8248.

JEBÁČEK, I.; HORÁK, M. Measuring of a Nose Landing Gear Load during Take-Off and Landing. *Applied Mechanics and Materials*, 2015, vol. 821, no. 821, p. 325-330. ISSN: 1662-7482.

JEBÁČEK, I.; HORÁK, M. *Measuring of a Nose Landing Gear Load during Take-Off and Landing*. 21st International Conference ENGINEERING MECHANICS 2015 - Extended abstracts. Engineering mechanics 2014. 1. Prague: Institute of Theoretical and Applied Mechanics, Academy of Sciences of the Czech Republic, v.v.i., 2015. p. 120-121. ISBN: 978-80-86246-42-0. ISSN: 1805-8248.

AUGUSTIN, P.; JEBÁČEK, I. *Výsledky únavových zkoušek vzorků spoje křídla a centroplánu letounu*. Brno: LÚ. VUT v Brně, 2015. s. 1-27.

AUGUSTIN, P.; ŠPLÍCHAL, J.; JEBÁČEK, I. *Analýza bezpečné únavové životnosti nohy předového podvozku letounu PS-28 Crusier*. Brno: LÚ. VUT v Brně, 2015. s. 1-24.

HORÁK, M.; JEBÁČEK, I. *Měření provozních zatížení předového podvozku letounu*. Brno: LÚ, VUT v Brně, 2015. s. 1-26.

HORÁK, M.; JEBÁČEK, I. *Measuring of a Nose Landing Gear Load during Take-Off and Landing*. Svratka, ČR: 2015.

JEBÁČEK, I.; Šplíchal, J. *Composite specimens*. Brno: LÚ, VUT v Brně, 2014. p. 1-158.

JEBÁČEK, I.; VANĚK, F. *Main landing gear of the L410 NG aircraft*. Brno: LÚ, VUT v Brně, 2014. p. 1-9.