



Name	Michael Orlovsky
Position, Department/Faculty	Associate Professor, vice head of Aircraft and Helicopters Design Department, Aircraft Building Faculty
Academic Degree, Academic Title	Candidate of Science (Ph.D.)
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Web of Science ResearcherID:	JAD-5391-2023
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Google Scholar:	https://scholar.google.com.ua/citations?view_op=list_works&hl=uk&user=q5ZZtOYAAAAJ
ResearchGate:	

EDUCATION:

Basic education (university, major, year of graduation):

Kharkov Higher Military Aviation Engineering School, Military mechanical engineer, Aircraft and power plants, 1982

Postgraduate/Doctoral studies:

Fluid, gas and plasma mechanics, 2000

Additional training, certification programs:

Advanced training courses for National Aerospace University, 2023

WORK EXPERIENCE:

Professional Career (Workplace, Years, Position):

2008 – present time: Associate Professor, vice head of Aircraft and Helicopters Design Department, National Aerospace University. Engineering Maintenance of Aircraft and Engines Manufacturing and Testing bachelor education program.

1977 – 2007: Service in the Armed Forces, reserve colonel.

Teaching Experience:

Full time teaching airplanes and helicopters design related subjects since 1994.

Experience in International or National Projects:

Taking part in departments' scientific research projects.

RESEARCH ACTIVITIES:

Main Research Areas:

Airplanes and helicopters conceptual design

Computer aided design and simulation

Aircraft structures designing methods

Number of Publications (Scopus, WoS, others):



82 articles

Monographs, Textbooks:

1 monograph section, 5 textbook

Participation in Scientific Conferences:

26 conference papers

TEACHING ACTIVITIES:

Courses Taught:

Aircraft and Aircraft Engine Maintenance

Human Factor in Operation of Aircraft

Design and Maintenance of the Specified Aircraft.

Author Courses, Academic Programs:

Aircraft and Aircraft Engine Maintenance

Methodological Materials, Textbooks:

Aircraft and Aircraft Engine Maintenance

GRANTS AND PROJECTS:

Participation in International and National Projects:

-

Grants, Scholarships, Academic Mobility Programs:

-

PROFESSIONAL ACHIEVEMENTS AND AWARDS:

Honorary Titles:

-

Distinctions, Awards, Prizes:

University Professional Award "ICAR" 2021.

Membership in Professional Associations:

Association of Education and Science Workers, Kharkiv Aeroclub

INTERNATIONAL ACTIVITIES:

Internships:

-

Cooperation with Foreign Universities:

-

Teaching/Lecturing Abroad:

-



NATIONAL AEROSPACE UNIVERSITY
«KHARKIV AVIATION INSTITUTE»



SELECTED PUBLICATIONS:

Key Articles (Scopus, WoS, others):

- Concept of continued airworthiness of aircraft at different stages of life cycle
Integrated Computer Technologies in Mechanical Engineering, №99, 45-55, 2020.
M. Orlovskyi, A. Pryimak, V. Voytenko
DOI: <https://doi.org/10.32620/oikit.2020.90.03>
- Analysis of structural and technological features of tail boom transport category helicopters
Integrated Computer Technologies in Mechanical Engineering, №99, 4-23, 2023.
O. Grebenikov, M. Orlovskyi, V. Kostandi
DOI: <https://doi.org/10.32620/oikit.2023.99.01>

Books, Chapters in Collective Monographs:

- Theories and models of human errors occurrence / A. Pryimak, M. Orlovskyi, Y. Tretyakov // Simulation of aircraft maintenance processes. Safety and Risk Assessment of Civil Aircraft during Operation : monograph / ed. L. Longbiao. – London : [S.n.] , 2020. – C. 81-106. – ISBN 978-1-78984-793-2.

Links to Citation Database Profiles:

ADDITIONAL INFORMATION:

Language Proficiency:

B1 (Intermediate/Intermediate)

IT Skills:

Yes

Social and Community Activities:

Active