



<b>Name</b>	Oleksandr Grebenikov
<b>Position, Department/Faculty</b>	Professor of Aircraft and Helicopters Design Department, Aircraft Building Faculty
<b>Academic Degree, Academic Title</b>	Doctor of Engineering
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<b>Google Scholar:</b>	bT1DMN4AAAAJ
<b>ResearchGate:</b>	<a href="https://www.researchgate.net/search/publication?q=grebenikov">https://www.researchgate.net/search/publication?q=grebenikov</a>

## EDUCATION:

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

Tambov Higher Military Aviation School of Pilots, 1959-1962

Kharkov Aviation Institute on specialty Airplane Production Technology, 1962-1966

### Postgraduate/Doctoral studies:

Kharkov Aviation Institute

Doctor of Engineering Science – Flying Vehicle Design

### Additional training, certification programs:

Systematic professional development at the KhAI courses

## WORK EXPERIENCE:

### Professional Career (Workplace, Years, Position):

Professor – N. Zhukovsky National Aerospace University «Kharkov Aviation Institute», 2005 – Present

Kharkov Aviation Institute, 1978 – 2005, Associate Professor,

Kharkov Aviation Institute, 1966 – 1978, Assistant

### Teaching Experience:

Professor – N. Zhukovsky National Aerospace University «Kharkov Aviation Institute», 2005 – Present

Kharkov Aviation Institute, 1978 – 2005, Associate Professor,

Kharkov Aviation Institute, 1966 – 1978, Assistant

### Experience in International or National Projects:



## RESEARCH ACTIVITIES:

### Main Research Areas:

Integrated design of prefabricated aircraft structures with regulated durability

### Number of Publications (Scopus, WoS, others):

333

### Monographs, Textbooks:

73

### Participation in Scientific Conferences:

146

## TEACHING ACTIVITIES:

### Courses Taught:

Design, testing and certification of aerospace engineering objects

Scientific principles of design and production of aviation and rocket-space equipment

Integrated design of airplanes and helicopters

### Author Courses, Academic Programs:

Integrated design of airplanes and helicopters

### Methodological Materials, Textbooks:

73

## GRANTS AND PROJECTS:

### Participation in International and National Projects:

### Grants, Scholarships, Academic Mobility Programs:

## PROFESSIONAL ACHIEVEMENTS AND AWARDS:

### Honorary Titles:

Honored Worker of Education of Ukraine 26.05.2005

### Distinctions, Awards, Prizes:

Medal "For Labor Valor", 1971

Order of the «Badge of Honor», 1980

### Membership in Professional Associations:

Member of the expert council for the examination of dissertations of the Ministry of Education and Science in mechanical science and mechanical engineering

## INTERNATIONAL ACTIVITIES:



NATIONAL AEROSPACE UNIVERSITY  
«KHARKIV AVIATION INSTITUTE»





## **Internships:**

## **Cooperation with Foreign Universities:**

## **Teaching/Lecturing Abroad:**

China, AVIC-2

Iran, Aviation company

## **SELECTED PUBLICATIONS:**

### **Key Articles (Scopus, WoS, others):**

Grebenikov O., Humennyi A., Svitlychnyi S., Lohinov V., Matviienko V, Analysis of Effectiveness of Combined Surface Treatment Methods for Structural Parts with Holes to Enhance Their Fatigue Life (2024) Computation, 12 (1), art. no. 8, DOI: 10.3390/computation12010008

Zhyriakov D., Grebenikov O., Humennyi A., Konyshch D. Design of High Fatigue Life Joints of Fuselage Structures Considering Fracture Mechanics (2023) Lecture Notes in Networks and Systems, 657 LNNS, pp. 159 – 173, DOI: 10.1007/978-3-031-36201-9\_14

### **Books, Chapters in Collective Monographs:**

Concept of Development of Up-to-date Jet Regional Passenger Aircraft [Text] : monograph / Kharkiv : National Aerospace University "Kharkiv Aviation Institute", 2020. – 250 p.

Scientific Grounds of Structural and Production Concepts to Provide Aircraft Life Time [Text]: Monography / Kharkiv: Nat. Aerospace Univ. «KhAI», 2019. – 266 pages

### **Links to Citation Database Profiles:**

Scopus - 11

Google Scholar - 431

## **ADDITIONAL INFORMATION:**

### **Language Proficiency:**

### **IT Skills:**

### **Social and Community Activities:**

Member of the expert council for the examination of dissertations of the Ministry of Education and Science in mechanical science and mechanical engineering

Responsible Editor of the collection of scientific papers "Open information and computer integrated technologies"

Head of the educational, scientific and production center CAD/CAM/CAE PLM

