

JOB POSTING FORM

INSTITUTION:

Air Force Institute of Technology (Instytut Techniczny Wojsk Lotniczych, ITWL)

CITY (COUNTRY):

Warsaw (Poland)

POSITION:

Assistant Professor

SCIENTIFIC DISCIPLINE:

Mechanical Engineering

POSTED:

09.02.2026

EXPIRES:

09.03.2026

LINK TO WEBSITE:

www.itwl.pl (tab: Offer/Job offer)

KEYWORDS:

design and research of unmanned aerial systems, aircraft electrical power systems, aircraft electromechanical systems

DESCRIPTION (subject matter, expectations, comments):

- subject matter:

design, research, operation, and diagnostics of aircraft devices, installations, and electrical power systems, as well as electromechanical systems

- expectations:

a) Required qualifications

1. Education: Higher technical education (integrated engineering and master's degree program or a two-cycle program in the field of Mechanics / Mechanical Engineering / Aviation or related disciplines).
2. Holding a doctoral degree in engineering and technology in the discipline of mechanical engineering or a related discipline.
3. Work experience: documented minimum 5 years of work experience in the implementation of scientific and research works and projects related to designing, research and implementing unmanned aerial vehicles.
4. Documented projected management qualifications. (e.g. PRINCE2).
5. Experience working with the aviation accident investigation commissions.
6. Experience in standardization activities (development of standards and norms).
7. Experience in the work of standardization committees related to the development and review of defense standards in the field of armaments and aviation technology.
8. Experience in the implementation of national and international projects or in managing such projects, with particular emphasis on projects related to national defense and state security.
9. Experience in participating in working group initiatives of the European Defence Agency or NATO.
10. Experience in the design of systems and subsystems of unmanned aerial systems, including the preparation of design, operational, and training documentation.
11. Experience in conducting ground and flight field tests (preliminary, qualification, and expert-level tests) of unmanned aerial systems.
12. Experience in acceptance testing and implementation of military equipment, including military unmanned aerial vehicles.
13. Experience in conducting field training for personnel operating unmanned aerial vehicles (practical and supervisory skills).
14. Experience in analyzing the latest achievements and development trends in the field of unmanned aerial systems, including aerial targets.
15. Experience in modernizing, diagnostics, and developing new technologies for aviation devices of unmanned systems and propulsion systems of unmanned aerial vehicles.

16. Experience in managing a laboratory for testing unmanned aerial vehicles.
17. Experience in solving tasks of a research, design, and experimental nature.
18. Ability to use software for aircraft design and flight simulations.
19. Expertise in MS Office suite and 3D design and simulation software.
20. Ability to work in a team and deliver public presentations in the field of scientific and technical issues; research and organizational skills; accuracy and systematic approach.
21. Scientific output in the form of authorship or co-authorship of scientific publications (confirmed by a list of publications including identification parameters such as DOI), as well as achievements in the field of rationalization or inventiveness.
22. Good command of Polish and English at a level enabling fluent communication in order to conduct international projects and the preparation of technical studies and scientific publications.
23. A positive background check issued by the Police, or, in the case of a foreign national, by a competent authority in the country of permanent residence (in the event of receiving a job offer).
24. Required level of access to classified information: restricted (or its European equivalent), as well as psychological and psychiatric examinations required to obtain a license for the manufacture and trade of explosives, weapons, ammunition, and products and technologies intended for military or police use (in the event of receiving this job offer).

b) Scope of tasks

1. Conducting scientific and research activities related to the development of unmanned aerial vehicles (UAVs), in particular within the military domain (preliminary analyses, preparation and submission of project proposals to institutions such as the National Centre for Research and Development (NCBR), the Ministry of National Defence (MON), the European Defence Agency (EDA), and the European Commission).
2. Conducting design and simulation work related to the development of unmanned aerial vehicles.
3. Performing analyses following simulation-based testing of unmanned aerial vehicles.
4. Developing research programmes, methods, algorithms, and methodologies for assessing the service life and operational durability of components of electrical power systems and electromechanical assemblies.
5. Participating in the resolution of research, design, and experimental tasks within the above-mentioned research areas.
6. Ensuring high quality of engineering and scientific research work through:
 - the application of scientific methods for the analysis and solution of engineering problems;
 - continuous monitoring of advances in the relevant fields of technology (electrical power systems, aircraft operation and maintenance systems, computer-aided design methods);
 - ensuring appropriate quality of work both at the design and implementation stages;

- dissemination of research and development results through scientific publications, presentations at scientific conferences, etc.;
 - independent or team-based resolution of research and technical problems.
7. Performing tasks resulting from the requirements specified in the documentation of the Management System in force at ITWL.
 8. Onerous, harmful, or particularly hazardous factors present at the workplace:
 - work with a display screen (more than 4 hours per day);
 - declared level of access to classified information: Restricted.

c) Period and form of employment

1. Employment under a full-time employment contract, in a stationary form.
2. Basic salaries - upper limit of PLN 15,500 (in accordance with the Collective Bargaining Agreement).

d) Required documents

1. A copy of the diploma of obtaining the PhD degree of Engineering and technical sciences in the discipline of mechanical engineering or a related discipline.
2. Extended CV (including, m.in: name(s) and surname, date of birth, place of residence (or correspondence address), education, employment history and the most important scientific, didactic and organizational achievements).
3. Documented scientific activity (lists: publications with DOI number, conference papers, chapters in monographs, monographs, participation in scientific bodies, participation in teams implementing R&D projects, etc.).
4. Documented experience in the field of the above-mentioned research topic (copies of certificates, training certificates, diplomas, etc.).
5. A signed declaration of consent to the processing of personal data under this competition in the form of:

"I consent to the processing of my personal data by the Personal Data Administrator - Air Force Institute of Technology (Instytut Techniczny Wojsk Lotniczych, ITWL) with its registered office in Warsaw, 6 Księcia Bolesława Street, KRS 0000164795 in accordance with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation, GDPR) in order to conduct a competition for a scientific position. In addition, I declare that I have read the content of the information clause on the processing of personal data, including the information about the purpose and methods of personal data processing and the right to access the content of my data and the right to correct them."

The required documents in Polish or English (set) should be submitted in a closed envelope with the note "Competition for the position of Assistant Professor in Department Z-36" to the ITWL Classified Office by March 09, 2026, by 3.00 p.m. or sent to the following address:

Air Force Institute of Technology (Instytut Techniczny Wojsk Lotniczych), ul. Księcia Bolesława 6, 01-494 Warszawa, skryt. poczt. 96, with a note: "Competition for the position of Assistant Professor at Department Z-36."

e) Competition result

30.06.2026

The conclusion of the competition does not constitute an offer of employment.

The final decision regarding employment is made by the Director of the Air Force Institute of Technology (ITWL).

ITWL reserves the right to close the competition without selecting a candidate.

**Information clause of the Air Force Institute of Technology
for candidates in the competition for a scientific position**

Pursuant to Article 13 of Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (hereinafter referred to as "GDPR"), we inform you that:

1. The Administrator of your personal data is the Air Force Institute of Technology in Warsaw at Księcia Bolesława 6 Street, hereinafter referred to as the Administrator.
2. The Controller carries out operations involving the processing of your personal data included in the submitted competition documents.
3. Your personal data will be processed for purposes related to participation in the competition and will not be shared with other recipients.
4. The legal basis for processing your personal data is Article 6(1)(a) of the GDPR.
5. Providing data is necessary to compile the documentation for the scientific position competition. If you do not provide your data, participation in the competition is not possible.
6. You have the right to:
 - request access to your personal data from the Administrator;
 - rectify, delete or limit the processing of your personal data;
 - object to such processing;
 - data portability;
 - lodge a complaint with the President of the Personal Data Protection Office;
 - withdraw your consent to the processing of personal data.
7. Your personal data is not subject to automated decision-making, including profiling.
8. Your personal data will be retained for two weeks following the conclusion of the competition.
9. The Administrator's personal data inspector is Ms. Anna Markowska e-mail: anna.markowska@itwl.pl.