

## REQUIREMENTS FOR ARTICLE SUBMISSION

The scientific journal "Proceedings of the National Aviation University" publish original articles which are not being submitted to any other publisher.

An article is required to have a structure through rubrics or headlines and to be in compliance with the requirements to articles as prescribed by the Supreme Attestation Commission of Ukraine (see Bulletin SACU, 2003. - # 1. – P. 2.). They are the following:

1. A research problem statement as well as its connection to other important research projects.
2. Analysis of the latest research results obtained by other authors and served as a background for the article.
3. Statement of purpose.
4. Main text with the proven results.
5. Conclusions and perspective research directions.

The size of an article is 6 pages including annotations, figures, tables and list of references (up to 10 sources).

Each page must be signed by each author.

Two copies of the article are printed out in A4 format and submitted to an executive secretary of the Publishing Board. The following papers in two copies should be enclosed:

1. Act of expertise signed and stamped.
2. Signed and stamped external feedback with indication of a reader's name and other personal details (degree, position and place of work).
3. Abstract of the article with a list of key words (national standard 7.27-80) in three languages: Ukrainian, Russian, English.
4. Authors' details in Ukrainian, Russian and English (name, degree, position, job place, contact information). To be submitted in a separate page.
5. Annotations in Ukrainian, Russian and English (on a separate page) with the article title and authors' names.
6. Indication of a library index from a national database classifier (UDC) signed by a person in charge and stamped by a Research Technical Bureau (NTB).
7. List of abbreviations, signs and symbols.
8. CD with separate files of an article, authors' personal details, annotations, abstracts, a list of key words.

According to a national standard (GOST 7.9-95) *an abstract* is a brief review of an article covering main ideas, results and conclusions. It normally includes formulation of a research subject, goal, approach and methodology, obtained results and a field of its further application.

According to the same national standard (see above) an annotation is a short resume of an article which specifies the purpose, content, types and forms, other specifications.

An article is to be typed in the format of two columns on a page (column width 8.25 cm) with single space between lines, indentation - 3 mm, Word for Windows 98-2000, font Times New Roman, size 11. The outline of the article is required to be organized from the top as follows:

1. The library index (UDC) is printed on the first page to the left side, size 10;
2. The authors' surnames, initials are printed on the first page to the right side (top indentation – 6 pt, small letters, semi-bold, point size – 11), details about the author's academic degree and title, job position are indicated in size 10;
3. Title of the article (centre of the page, top indentation – 6 pt, capital letters, semi-bold, size 11);
4. Full name of an employer (centre of the page, size 11);
5. E-mail address of an author (centre of the page);
6. Annotations in Ukrainian, Russian and English (top and bottom indentation - 6 pt, italics, size 10);
7. Text of the article with rubrics' titles (size 11);
8. List of references up to 10 sources (national standard 7.1:2006) in two columns, size 11).

On the separate page the following details is to be provided in Ukrainian, Russian and English:

1. The author's name and surname, academic degree and title (to the left, small letters, semi-bold, size 10);
2. Title of the article (capital letters, semi-bold, size 10);
3. Full name of an employer (size 10);
4. E-mail address;
5. Key words (size 10);
6. Abstract (size 10).

The interval between columns – 0,5 cm, left and right side indentation, top and bottom indentation – 3 cm.

A new line indentation – 3 mm. Top and bottom indentation (semi-bold) for tables, figures, formulas from the text – 3 pt. The maximum formula width is 8 cm.

The formulas provided with references in the text are numbered by Arabic numerals and put in parenthesis. The numbers are right aligned.

The values in formulas are interpreted in separate lines. The logic of the formulas' values explanation is required to be similar to the logic of numbers in the formula. In case the right side is evaluated by fraction, the variables are defined firstly for the formula numerator and secondly for the denominator. Total number of symbols in the index has to be minimal.

To indicate physical quantity the Microsoft Equation is used as follows:

1. Variables, Latin letters – Times New Roman, italics, size 11;

2. Functions, numerals, Ukrainian letters – Times New Roman, normal font, size 11;

3. Matrixes, vectors – Times New Roman, semi-bold, normal font, size 11;

4. Greek letters, symbols – Symbol, normal font, size 11;

5. Sizes: normal 11 pt, big index 14 pt, small symbol 11 pt.

Chemical formulas are typed in normal font, size 11.

Drawings are presented as separate files in TIFF, JPG, BMP format.

Drawings in Microsoft Word must be grouped.

The images must be of high quality (300-600 dpi), in black, line width – 2 pt.

Illustrations' details are indicated by Arabic numerals (size 11), starting with number 1, with no gaps, no duplication, or clockwise, or horizontally from the left to the right, or vertically from the top to the bottom.

Figures should have letterings (size 10) and graphics – numerals (size 10). All explanations are presented separately below the figures (size 10).

The language for projections, arrows, boundary lines, coordinate axis may be Ukrainian (size 11). The titles start with a capital letter (size 11). No points. No abbreviations in the titles.

Graphics may be presented with or without the coordinate axis. The coordinate axis has to be graded and ranked with indication of the interim values (size 11) as well as symbolic and short name of the unit. Coma is put between the value and the unit. Numbers (size 11) are put near the coordinate axis, zero is written once.

On the X-axis symbols and the unit (size 11) are located to the right from the final numeral. On the Y-axis they are placed above the final top numeral. Full title of the value is written as a separate line with a capital letter and along the axis (size 11). The line is broken from the physical quantity by coma.

If a graphic has a few scales along X-axis or Y-axis, they are placed in parallel and on the other side of the axes. Value numerals (size 11) are written to the left from the vertical axis and below the horizontal axis. Each figure is required to have a left-align headline (size 11).

It is not allowed to group the figures with the figure headlines.

Tables are presented in size 10.

At the top of the table the text is to be centre-align both horizontally and vertically.

All tables are to have headlines (size 10). Numeral headlines of the table (italic type, size 10) are to be right-align, thematic headlines are centre-align, semi-bold type, size 10).

In the article each figure and table has to be referred correspondingly. The article should not have reiterations, duplication data from the tables and figures. The units of physical quantities should be in compliance with the International system of units (SI).

The terminology of the article should be in compliance with the National standard. Authors are fully responsible for the content of the article and terminology used.

An article title should be laconic (up to 8 words, 2 lines). The title must not contain abbreviations.

Any abbreviation used in the article should come first with a full name.

The list of references should be presented in accordance with the national standards (DSTU GOST 7.1:2006) as follows: an author's surname and initials, full title of the book, volume, place of issue, publisher's name, year of issue, total number of pages, the pages of the extract of reference.

All references should be numbered as a list. The references in the text are put in square brackets. Authors' surnames and names are written in italics. Only first three authors should be presented.

An article can be edited without agreement with the author.

The articles submitted and not in compliance with the requirements above are not accepted.