



Rules for submission and execution of manuscripts sent in for publication in the “Journal of “Almaz – Antey” Air and Space Defence Corporation” and the “Special Journal of “Almaz – Antey” Air and Space Defence Corporation”

1. The Journal publishes scientific and technical manuscripts not intended for publication in other periodicals. The manuscript subject shall comply with the areas of Corporation’s activities.

2. The manuscript shall be forwarded with an accompanying letter written on the organisation’s headed paper and signed by the CEO or deputy thereto. The manuscript shall have an attached expert report certifying clearance for open publication (not applicable to the “Special Journal”). The manuscript shall contain the main text, signed by all the authors, and illustrations, printed on separate sheets. If there is a member of the Journal editorial board in the organisation, their review shall be attached. The manuscript shall come complete with the attached information on the authors (on a separate sheet).

3. One copy of the manuscript shall be submitted on A4 paper (as per GOST 9327-60), density over 80 g/m^2 (as per GOST 27015-86), whiteness over 75 % (as per GOST 30113-94), with the electronic version attached. Page margins: top, bottom, and right-hand side – 2 cm, left-hand side – 2.5 cm. Indent – 1.2 cm from the left edge of the text area. The text shall be justified. The electronic version shall be prepared in Word editor (Word 2000 or higher version), font Times New Roman, no styling, with the use of Equation formula editor, version 3.0 or higher. Font size of the text – No. 12, double vertical spacing (as per GOST 7.3-77), and for tables and figures, their titles and inner captions shall be printed in font No. 10.

4. The order of materials arrangement in the main text (as per GOST R 7.0.7-2009): index of the Universal Decimal Classification (UDC), manuscript title with the number of words not exceeding 10, initials and last name(s) of the author(s), manuscript annotation with the number of lines not exceeding 10, manuscript text, bibliography. The manuscript size – 5 to 15 pages of the main text, without account of the illustrations. Page numbering – continuous (numbers at page bottom, centre alignment).

5. The annotation shall be written in one paragraph, the number of symbols not exceeding 500 (as per GOST R 7.0.7-2009), and shall elaborate on the task set and novelty of the work described; it shall not duplicate the title, introduction and conclusions to the paper, but rather supplement them to a certain extent. The annotation should not contain abbreviations, formulas or bibliographic references. The annotation shall be printed with the double indent (2.4 cm) from the left edge of the main text area.

6. In preparation of the manuscript it is necessary to pay attention to the typeface style of letters and words: Russian (a, б, В, Ю) and Greek letters ($\alpha, \beta, \xi, \Xi, \Sigma, \epsilon\rho\eta\kappa\alpha$) shall be given in upright typeface, while Latin ones ($a, w, j, W, Q, \textit{left, interrupt}$) – in italics (except for chemical formulas: $\text{CuSO}_4, \text{Ra}(\text{OH})_2$, etc.). The same requirements shall be observed when writing letters, indices, and power exponents in formulas.

Designations of matrices and vectors using letters of any alphabets shall be given in bold upright font ($\Omega, \Theta, \mathbf{W}, \mathbf{Q}, \mathbf{q}$).

For numbers, functions and operators (1, 252, $\cos(x)$, $\sin(y)$, $\text{rot } \mathbf{F}$, $\exp(x)$, etc.) only upright typeface shall be used. Roman numerals are not allowed. The fractional part of a decimal number shall be separated by a comma.

7. Establishing of mathematical relations shall be short, giving no intermediate transformations. All designations of parameters in the formulas shall be explained (except for commonly accepted ones, like j, π). Formulas referenced in the text shall be numbered in round brackets. A numbered formula shall be given in a separate line, with its number aligned by the right edge. An unnumbered formula is allowed to be placed within the manuscript text. Formulas included in the text should be



given without increasing vertical line spacing, e. g., b/d , $\exp(x/2)$. Capital and small letters, superior and inferior indices in formulas shall be displayed legibly. Adding an index to an index is not allowed.

8. If there is a table, its title shall be short and to the point. The content of tables shall be laconic, only containing the data as necessary to illustrate the text; the table shall not duplicate illustrations. Table design shall be in compliance with GOST 1.5-2001. Tables shall be introduced in the text after the first mention of them, and numbered if there are more than one.

9. Names, designations, and units of physical quantities shall be given in the SI system only (GOST 8.417-2002). Designation of a physical quantity shall be given after the last numerical value of a range, e. g., from 1 to 5 mm, from +10 to –40 °C.

10. Bibliographic references shall be numbered in square brackets, e. g., [1]. The list of bibliography shall be compiled in accordance with the order of references in the text. Bibliographic references shall be presented in compliance with GOST R 7.0.5-2008. According to this GOST, for each bibliographic reference it is required to indicate the author(s), if any, full title of the work, publisher, year of publication, total number of pages in edition or page numbers in case of references to journals or chapters in books.

11. Figures and photographs shall be crisp, sharp, preferably in landscape orientation and submitted on separate sheets. Images shall be provided in formats *.tiff, *.jpg, *.bmp with resolution higher than 300 dpi, no interpolation (vector formats *.ai, *.eps, *.pdf are allowed too). Numerical designations in a figure shall be arranged clockwise. Figure captions shall include abbreviated word “Fig.”, number, and title, e. g., “Fig. 3. Signal spectrum” (the abbreviation and number are not put if there is just one figure in the manuscript). If there are designations in the figure, a colon shall be put after the figure caption and their explanations shall be given from a new line. It is allowed to have the figure caption placed in the text of the paper.

12. The number of figures and tables, as well as that of the bibliographic references, shall not exceed 6 (for review manuscripts, the bibliography can be expanded).

13. The information about the authors shall include (as per GOST R 7.0.7-2009) the last name, first name, patronymic, scientific degree, academic rank, place of employment and position, science research interests of each author, as well as contact number and email address.

14. In case of non-compliance with the above requirements to manuscript execution, the Editorial Board reserves the right to return it to the author(s) for revision.