

A Guideline for Contributors to Transactions of Journal of the Japan Society for Aeronautical and Space Sciences*

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This is the manual for how to prepare your paper for the Journal of the Japan Society for Aeronautical and Space Sciences. All the papers should be written by appropriate word processors with the format specified in this manual.

Key Words: Format Sample, Title, References

Nomenclature

V :velocity

X :position

Subscripts

0 :initial

f :final

1. Introduction

These guidelines include complete descriptions of the fonts, spacing, and related information for producing your manuscripts. Please pay extreme attention to keep the original format of this Word file.

2. Formatting Your Paper

Table 1 shows the form of the paper.

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paper size	A4
max number of pages for "Technical Paper"	8: Regular, 10: On-Line Articles
margin	Top: 25 mm and under: 21 mm side: 17 mm
font	Times-Roman and Symbol

3. Title etc.

3.1. Title

The title should be brief and concise, without the use of acronyms or abbreviations.

The first and second line (on the first page) should be blank. The main title should be centered, and in Times 14-point, boldface type. Capitalize the first letter of nouns, pronouns, verbs, adjectives, and adverbs; do not capitalize

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articles, coordinate conjunctions, or prepositions (unless the title begins with such a word). Leave a blank line after the title. The space between the lines is 17.5 point.

3.2. Author name(s) and affiliation(s)

Author names and affiliations are to be centered beneath the title and printed in Times 10-point, non-boldface type. The full name is preferred. Only primary contributors should be listed in authors list; others may appear in Acknowledgment. Affiliation should follow on the next line. The affiliations are centered, italicized and in Times 8-point, not bold. Leave three blank lines after the affiliations. The space between the lines is 10-point.

3.3. Abstract

Abstract should be indented 4 letters, 100- to 200-words, written as a single paragraph and printed in Times 8.5-point, not bold, flush left. Leave 30 mm in both sides. The space between the lines is 11.5-point.

It should be a summary and complete in itself. The abstract should indicate the subjects dealt with in the paper and should state the objectives and the results of the investigation.

Leave one blank line after the abstract.

3.4. Key words

Key word should be centered, in Times 8.5-point, not bold. Begin by "**Key Words:** " (in Times 8.5-points, boldface type, and 2 letters blank) at the top.

4. Main Text

Type your main text in 9.5-point Times, single-spaced. All paragraphs should be indented 2 letters. Be sure your text is fully justified. The space between the lines is 12-point.

4.1. Nomenclature

A nomenclature section is required for papers containing more than a few symbols; nomenclature definitions should not appear in the text.

Nomenclature should be beneath the key words as follows;

“Symbol (*V, X etc.*) – : (colon) – (2 letter blank) – Definitions”. The position of colon is 35 mm from the left end of the page.

Please use standard symbols whenever possible. The symbols are in 9.5-point and the definitions are in Times 9.5-point, not bold.

4.2. Introduction

The paper must include an Introduction – a brief assessment of prior work by others and an explanation of how the paper contributes to the field.

4.3. Major-headings

For example, “1.(2 letters blank)**Introduction**”, should be Times 9.5-point boldface, with the first letter capitalized, flush left, with one blank line from last, leaving one blank line to next. Use a period (“.”) after the heading number, not a colon.

4.4. Sub-headings

For example, “4.4.(2 letters blank) **Second-order headings**”, should be Times 9.5-point boldface, initially capitalized, flush left and with **no** blank line from last.

4.5. Figures

Figure captions should be in 8-point Times and centered. For example: “Fig.(a blank)1.(2 blanks)The symbol of JSASS”. Capitalize only the first word of each caption. The captions are to be below the figures.

4.6. Tables

Table captions should be in 8-point Times and centered. For example: “Table(a blank)1.(2 blanks)Form of the paper”. Capitalize only the first word of each caption. The captions are to be over the tables.

4.7. Equations

The symbols should be in 9.5-point and centered. The equation numbers should be right flush, as (1).

$$A + B = C \quad (1)$$

Please use “Eq. (1)”, not “Equation (1)” or “(1)” in the text.

5. References

List and number all bibliographical references in 8-point Times at the end of your paper. The space between the lines is 10-10.5point. When references in the text, write the number referred to as ¹⁾. The sample is shown at the end of this paper. The heading of it is “**References**” that is 9.5-point, bold, centered.



Fig. 1. The symbol of JSASS

References

- 1) Hains, F. D. and Keyes, J. W.: Shock Interference in Hypersonic Flows, *AIAA J.*, **10** (1972), pp.1441-1447.
- 2) Batchelor, G. K.: *An Introduction to Fluid Dynamics*, Cambridge University Press, London, 1967, pp.1-10.
- 3) JSASS, T.: Information for Contributors to Transactions of the JSASS, *T. Jpn. Soc. Aeronaut. Space Sci.*, **43** (2000), pp. xxx-xxx.