**Instructions to Authors for the Preparation of**

**Papers for the**

**20th Australian International Aerospace Congress**

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***Please select category below:***

Normal Paper

Student Paper

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**Title**

First I. Author *1*, Second I. J. Author *2*, Third Author *3* and Author Fourth-Named *3*

*1 Air Vehicles Division, Platforms Sciences Laboratory, Defence Science and Technology Organisation, PO Box 4331, Melbourne, Victoria, 3001, Australia*

*2 Cooperative Research Centre for Advanced Composite Structures Limited,*

*506 Lorimer Street, Fishermans Bend, Victoria, 3207, Australia*

*3 Sir Lawrence Wackett Centre for Aerospace Design Technology, Royal Melbourne*

*Institute of Technology, GPO Box 2476V, Melbourne, Victoria, 3001, Australia*

**Abstract**

The purpose of this document is to provide an example of how authors must format their AIAC20 papers. The abstract should be a self-contained and explicit overview of the paper with a clear statement of the principal conclusions reached. It should be at least 100 words, but must not exceed 300 words in length. It must be single spaced, even justified across the full width of the page and start two **12 point** line spaces down from the author affiliation list. The entire paper must be prepared using **12 point** Times New Roman font, with the exceptions of the title of the paper which must be **18 point** in size (and any superscripts which must be **10 point**) and section headings which must be **14 point**. The paper title and all section and sub-section headings, including the summary and keywords headings, must be bold. Third order headings, table and figure captions, and author affiliations must be italicised and not bold.

**Keywords:** list up to eight words or groups of words in order of priority, separated by commas, which will be used for indexing purposes – do not use general terms like aeronautics.

**Introduction**

All papers which are accepted for presentation at AIAC20 will be accessible online and through the RMIT Informit database; this includes all plenary, oral and technical briefing papers that were received. this includes all plenary, oral and technical briefing papers. **There is a maximum limit of 6 pages for the length of papers (including enclosures/appendices etc.)**, and authors are encouraged to be concise and use the minimum number of pages that is reasonable to report their work.

Papers must be completely “camera-ready” and may be submitted on one of two standard sized pages. On “A4” (297 x 210 mm) paper, the top and side margins must be 25 mm and the bottom margin 18 mm. On “11 x 8.5 in” (279 x 216 mm) paper, the top margin must be 15.2 mm (0.6 in), the side margins 27.9 mm (1.1 in) and the bottom margin 10.2 mm (0.4 in). Inside these margins, each page should be completely filled with text. All other line spaces must be one 12 point line space, except for before section titles where two line spaces must be inserted.

**Body of the Paper**

**Notation, Units and Equations**

The extensive use of symbols, abbreviations, acronyms or other special nomenclature should be minimised. Rather than list them at the beginning of the paper, they must be defined when first used. SI units must be used throughout the paper, although equivalents in any other consistent system may be given in parentheses, as shown above.

*Equations*

All forms of equations must be typed, centred and numbered consecutively with Arabic numerals as they appear in the text of the paper. The first equation would be referred to in the text as Eqn 1 and be presented as follows:

{*Q*} = *P*[*g*]{***u***} (1)

**Tables and Figures**

Tables and figures must be integrated with the text and numbered consecutively with Arabic numerals in the order in which reference is made to them in the text of the paper. All captions must be italicised and centrally located above a table and below a figure. The first table or figure caption would be referred to in the text as Table 1 or Fig. 1 and be presented as follows:

*Table 1: The first table in the paper*

Table or Figure

*Fig. 1: The first figure in the paper*

*Colour Tables and Figures*

Authors are encouraged to use colour in the preparation of their tables and figures, as this enhances the appearance of papers.

**Paper Submission**

Paper submission is to be completed online, via the Online Speaker Portal, as described in acceptance correspondence.

**Final Sections**

The paper should conclude with the following bold section titles (centrally located): conclusion; acknowledgments (if appropriate); and references. The first reference would be referred to in the text as Ref. 1, or simply be cited where appropriate in square brackets [1].

**References**

1. O’Brien, T.K. and Salpekar, S.A., “Scale Effects on the Transverse Tensile Strength of Graphite/Epoxy Composites”, *Composite Materials: Testing and Design (Eleventh Volume), ASTM STP 1206*, Camponeschi, E.T., Jr, Ed., American Society for Testing and Materials, Philadelphia, 1993, pp. 23-52.

2. Falzon, P.J., Herszberg, I. and Karbhari, V.M., “Effects of Compaction on the Stiffness and Strength of Plain Weave Fabric RTM Composites”, *Journal of Composite Materials*, Vol. 30, No. 11, 1996, pp. 1210-1247.

3. Scott, M.L. and Cheung, A.K.H., “Postbuckling Performance of a Co-Cured Carbon Fibre Composite Aileron”, *Proceedings of the Tenth International Conference on Composite Materials*, Whistler, British Columbia, Canada, August 14-18, 1995, Vol. III: Processing and Manufacturing, Poursartip, A. and Street, K.N., Eds, pp. 725-732.

4. Jones, R.M., *Mechanics of Composite Materials*, International Student Edition, McGraw-Hill Kogakusha Ltd, Tokyo, 1975.