

# INSTRUCTIONS TO PREPARE A PAPER FOR THE 33<sup>rd</sup> EUROPEAN ROTORCRAFT FORUM

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**Key words:** Instructions, ERF33, rotorcraft, no more than 6 key words left aligned

**Abstract.** This document providing information and instructions for preparing a paper to be included in the Proceedings of the 33<sup>rd</sup> European Rotocraft Forum. The paper should be prepared in MS-Word format (.doc), or – more preferable – in Portable Document Format (.pdf).

The first page shall start with the title of the paper, the authors, affiliation, Key words and the Abstract. The abstract shall not exceed 250 words. It summarizes the paper in such a way that the reader does not need to refer to the full paper in order to understand it. All the instructions as well as the source for the example files for MS-Word can be found on the web page of the Forum: <http://www.erf33.com>

## 1. INTRODUCTION

After acceptance of your abstract you should fill in different **forms** and send these completed forms by mail to the Secretariat 33<sup>rd</sup> ERF, on June, 30, 2007 at the latest. These forms can be found from the ERF33 website and you have to print them. The proceedings will be edited in a CD ROM, including the texts, tables and figures. The CD ROM will be distributed at the Forum registration desk.

In order for your paper to be included in the proceedings, your paper should be sent by e-mail to the following address on or before the 15th of July 2007: [erf33org@kazanhelicopters.com](mailto:erf33org@kazanhelicopters.com) . The name of the file should be ERF33-XXX, where XXX is the reference number you can find at the top of the ERF33 acceptance letter. Example: ERF33-Ca-3.

## 2. GENERAL SPECIFICATION

The size of each paper sheet is 210 mm x 297 mm (DiN A4). The size of the typing area is 160 mm x 247 mm, centered in the page (margins of 25 mm each). The paper must be written in English. The paper should not exceed 12 pages including illustrations and should not exceed 10 Megabytes in size before zipping or compressing.

### 2.1 Title

The title should be written centered, 14pt, boldface Times New Roman, all capital letters. It should be single spaced if the title is more than one line long.

## **2.2 Author**

The author's name should include first name, middle initial and surname. It should be written centered, in 12pt, boldface Times New Roman, 12pt below the title (one blank line).

## **2.3 Affiliation**

Author's affiliation should be written centered, in 11pt Times New Roman, 12pt below the list of authors. A 12pt space should separate two different affiliations.

## **2.4 Key words**

Please write no more than six key words. They should be written left aligned, in 12pt Times New Roman, and the line must begin with the words **Key words:** boldfaced. A 12pt space should separate the key words from the affiliations.

## **2.5 Abstract**

Use 12pt Times New Roman for the abstract. The word **Abstract.** Must be set in boldface in the beginning of the first line. The abstract text should be separated 12pt from the key words, as shown in the first page of these instructions.

The abstract should neither be too short nor exceed first page.

## **3. HEADINGS**

### **3.1 Main headings**

The main headings should be written left aligned, in 12pt, boldface and all capital Times New Roman letters. There should be a 12pt space before and 12pt after the main headings.

### **3.2 Secondary headings**

Secondary headings should be written left aligned, in 12pt, boldface Times New Roman with an initial capital for the first word only. There should be a 12pt space before and 12pt after the secondary headings.

## **4. TEXT**

The normal text should be written single-spaced using 12pt Times New in one column. The first line of each paragraph must not be indented. There is not interparagraph spacing in the definition of the paragraph format. Avoid leaving a heading at the bottom of a page, with the subsequent text starting at the top of the next page. Use extra spacings (between earlier figures or sections) to push the heading up to the top of the same page as its text. In view of the tight page constraints, however, do please make the fullest possible use of the text area.

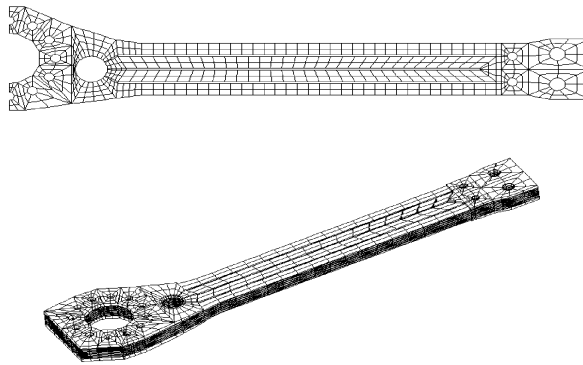
The author should separate paragraphs by introducing a blank line between them.

## 5. PAGE NUMBERS

Write the page numbers centered at the very bottom of each page with 12pt Times New Roman. Page numbers must not be included in the printing box (160 mm x 247 mm).

## 6. FIGURES

All figures should be numbered consecutively and captioned. The caption title should be written centered, in 10pt italicized Arial font, with upper and lower case letters.



*Figure 1: Title of figure*

## 7. EQUATIONS

The equations, where they are referred to in the text, should be numbered sequentially and their identifier enclosed in parenthesis, right justified. The symbols, where referred to in the text, should be italicized. Equations should be centered, leaving a 6pt space above and below to separate it from the surrounding text.

The following example is a single line equation:

$$Ax = b \quad (1)$$

The next example is a multi-line equation:

$$\begin{aligned} Ax &= b \\ Ay &= c \end{aligned} \quad (2)$$

## 8. EXAMPLE OF REFERENCES

References should be quoted in the text by brackets (see next section) and grouped together at the end of the paper in numerical order as shown in the list of next section.

- [1] V.B. Kartashov, S.A. Mikhailov, E.I. Nikolaev, and A.A. Khlebnykov, “*Mathematical modeling of bearingless main rotor with elastic elements of torsional type*”, Proceedings of the 25<sup>th</sup> European Rotorcraft Forum, Italy, Rome, 1999, pp. 14–16..

- [2] A.I. Golovanov, V.I. Mitryaikin, S.A. Mikhailov, A.V. Konyukhov, L.V. Fetisov, and V.A. Shuvalov, “*Theoretical and experimental study of elastic element strength of helicopter hingeless rotors*”, *Izv.VUZ.Aviatsionnaya Tekhnika* [Russian Aeronautics], vol. 45, no. 1, 2002, pp. 10–13.
- [3] A.S.Braverman and A.P. Waintraub, “*Helicopter Dynamics. Limiting Flight Regimes*”, Mashinostroenie, Moscow, 1988.