Manuscript Title

(Times New Roman, Font 15)

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Abstract

Abstract must be written in Times New Roman, font 10. In present study the effects of the attach angle on drag force were examined. Experiments were conducted on a ….

*Keywords*: At least four keywords; In alphabetical order; Separated by semicolon; Design of experiments (Times New Roman, font 9, upper case at the beginning of each keyword)

* 1. *----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------*

1. 1. Introduction

The paper should be prepared in two columns. The main text of the manuscript must be written in Times New Roman, font 10, 12-point line spacing. The font size, line spacing, and margin of the template must not be altered. Authors can use this template document to prepare the manuscript to submission. Authors can find and download this Microsoft Word document from the website of the journal, [www.ijastech.org](http://www.ijastech.org), [www.dergipark.gov.tr/ijastech](http://www.dergipark.gov.tr/ijastech). Other submission versions will not be accepted, so, the manuscript could not go further to reviewing process.

Main sections and subsections should be numbered consecutively. All of the references given at the end of the paper that listed consecutively should be cited in the main text with numerals in a square bracket [1, 2-5].

The paper is divided into three parts. The first part includes the title, author’s name, abstract, and keywords. The second part is the main body of the paper that includes the references and nomenclature. The third part is the author’s profile.

1. Table 1. Material properties of SCP10.

|  |  |
| --- | --- |
| Young’s modulus (GPa) | 210 |
| Poisson’s ratio | 0.3 |
| Yield Strength (MPa) | 433 |
| UTS (MPa) | 460 |

## 2. Section (Times New Roman, Font 10, Bold)

2.1 Subsection (Times New Roman, Font 10, Italic, Bold)

Sections must also be edited in double column. Tables and figures should be located at the top or bottom of the columns if possible. Tables should be prepared in font 9. If any table of figure is large than one column, figure or table can be located at the bottom or top of the page with one column. Figures must have at least 300 dpi resolution. Black and white or colored figures are acceptable. Each table and figure should be cited in the text.

1. 
2. Fig. 1. Volume variation of the engine

Equations must be numbered consecutively and located at the right margin as in Eq. (1) below. Clear original figures in black and white should be used.

Following settings of the font size should be used to prepare equations:

Main equation: 10 pt (Times New Roman),

Subscript/superscript: 7 pt (Times New Roman),

Sub-subscript: 5 pt (Times New Roman),

Symbol: 20 pt,

Sub-symbol: 10 pt.

Eq. (1) was used to calculate aerodynamic drag force affecting to the vehicle:

 (1)

 (2)

where  denotes the aerodynamic drag force,  is the aerodynamic drag coefficient of the vehicle,  is the frontal cross sectional area of the vehicle, and  denotes velocity of the vehicle.

2.2 Reference

References should be listed at the end of the paper in font 9. They should be numbered consecutively and referred in square brackets. While referring a journal paper, volume, number, page numbers and year must be given. Journal, conference and book titles should be in italic. title and the conference title

References (in font 9) should appear in a separate bibliography at the end of the paper, with items referred to by numerals in square brackets. All journal articles must include volume, number, and pages. The journal title, conference title, and book title must be in *italic*.

1. 3. Conclusions

The dates of manuscript received, revised and accepted will be checked and corrected by the journal office. A proper resolution and clarity of all figures is extremely important. The DOI number will also be assigned by the journal office.

1. Acknowledgment

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1. Nomenclature

|  |  |
| --- | --- |
|  | : area of piston top (m2) |
|  | : a constant related to the throttling level of the engine (J/rad) |
|  | : hydrodynamic viscous damping coefficient of all main journals (Nms/rad) |
|  | : lateral viscous damping coefficient at piston surface (Ns/m) |
|  | : torsional viscous damping coefficient at gudgeon pin (Nms/rad) |
|  | : torsional viscous damping coefficient at connecting rod bearing (Nms/rad) |
|  | : unit vector indicating the direction of TRA |
|  | : the force exerted by connecting rod to the crankpin (N) |

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