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**AIRCRAFT ENGINES**

LECTURE NOTES

**(First Preliminary Edition)**

## **PREFACE**

The presented **LECTURE NOTES** has been is written in English since there are a lot of foreign students who are being taught, trained, and educated in English at the **NAU** nowadays.

Because the students come from different States, Countries, Regions and so on, the author took the courage to use multiple versions of synonymous options in the language of the notes.

This coarse manual is deemed useful for those who need the basics on the **AIRCRAFT ENGINES** knowledge.

Being a sketch the summary comprises fragments of the total lectures according to the plan. In correspondence to the requirements the text of the lectures can be rearranged, modified, adjusted, renewed, and enlarged to cater for needs of the customers.

Some portions of the text are deliberately omitted in the electronic publication. Moreover, the **LECTURE NOTES** are envisaged to be contributed to the **NAU** Electronic Repository fragment by fragment (chapter by chapter in some shortening).

Throughout the text, there are many references in different styles. Mostly, the references **[1-121]** are made like that for the lecturer's convenience and the easiness to prove the ideas. The list is organized in alphabetical order for the same reason as well.

The presented **LECTURE NOTES' REFERENCE SECTION** does not pretend for the completeness on the subject matter rather gives the students a possibility to get familiar with the enormously large field of the knowledge coverage and its applications.

The **APPENDIXES SECTION** has a demonstrative purpose and is designed to illustrate the discussed and described issues as well as put incentives for the students' self-study.

Color highlighting is used for facilitation or a perception ease; readers may just ignore it since the presented abridged version is simply a draft; and for the final edition that might be either optional or absolutely eliminated.

The author will be much obliged for any remarks, suggestions, and propositions: [andygoncharenco@yahoo.com](mailto:andygoncharenco@yahoo.com), believing that even such abridged version of the **LECTURE NOTES** would be helpful for the students passionate, adoring, and eager to retrieve knowledge.

***Kyiv, March 1, 2019***

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