LaTeX for Flight Test

Mark Jones Jr.

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Introduction

LaTex is a typesetting software that provides convenient format and compilation of mathematical symbols and scientific text.

basics

$f = ma$

The simplest and most direct way to insert math into a line of text is to use $ symbol. To produce the text in the box, we simply type "f $ = m a $". The dollar-sign symbol tells the compiler to interpret the equal sign and subsequent letters as mathematical symbols. But we can also create equations on a separate line like this:

$$f = ma.$$

There are many variations and as many possibilities.

Learning LaTeX

For most flight test professionals, the best way to learn LaTeX is to see how others have used it and to edit their documents. This assumes a very basic understanding of coding, as in use of matlab or excel.

1. Register for account at https://www.overleaf.com/
    1.1 Start here
       https://www.overleaf.com/learn/latex/Learn_LaTeX_in_30_minutes
    1.2 Then open one of the programs document templates and start exploring.

2. Download a simple reference for beginning LaTeX users such as this one:
http://www.docs.is.ed.ac.uk/skills/documents/3722/3722-2014.pdf

After writing or editing, compile the LaTeX code to see the output. The output can be downloaded as a pdf.

This is it ☺