Society of Flight Test Engineers Reference Handbook 2013 Edition CD
03/19/13

The Society of Flight Test Engineers (SFTE) is pleased to present the Third Edition (2013) of the SFTE Reference Handbook (RHB) to all SFTE members in good standing. Send comments, questions, and corrections to handbook@sfte.org. The RHB will be made available on CD to all SFTE members and will also be available for download on the members only section of the SFTE website at www.sfte.org.

The following new Sections/Sub Sections have been added to the RHB 2013 Edition since the 2007 Edition:

3.8 Geodetic Measurements (subsection added to end of section 3.)
16 Rotary Wing (Note that more detail will be added to this Section as available.)
17 Gas Turbine Propulsion
18 Telemetry Control Room and Radio Communications
19 The Electromagnetic Spectrum

Publication Policy:

For further information concerning the publication policy, write to:

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Or: Contact the Society of Flight Test Engineers through their web site at www.sfte.org.

CD Contents:

The bold titles in Caps below represent the files available on the CD. A brief description of each file follows its name.

SFTE Ref HB 3rd Edition 2013 Readme.doc– This is the document you are now reading which explains the contents of this CD. It contains, DOC, EXE, PDF, PPT, XLA, and XLS files. The latest installation file for the Free Adobe Acrobat PDF Reader (Current Version 11.0) which is used to open PDF (Portable Document Format) files can be downloaded from the Adobe web site at www.adobe.com for those of you that do not have a PDF Reader or want to upgrade from an older Acrobat Reader version.

SFTE Reference Handbook 2013 3rd Edition.pdf – This PDF file updates the 2nd Edition 2007 SFTE RHB adding 1 sub section and 4 new sections in a 8'5" by 11" format that can be viewed and/or printed.

SFTE RHB Errata from 2007 to 2013 Edition.DOC- This Errata file is only for technical data changes and does not include cosmetic changes. Pagination (noted in table) may be different for 2013 Edition due to going from 5.5" by 8.5" to 8.5" by 11" format and due to added or changed material.

Air Data Calculation Software – The following Air Data Parameter Calculation files are a RHB bonus graciously provided by Kelan Sisk and Al Lawless and may be made available to anyone subject to the Disclaimers in the two PowerPoint Slide Presentations.

- **AirDat32A_executable.ppt –** This presentation by Kelan Sisk explains the use of the AirDat32A.exe Air Data Parameter Calculator file below.
- **AirDat32A.exe –** This file by Kelan Sisk is the Air Data Parameter calculator.
- **AirDat32A_Excel.ppt –** This presentation by Kelan Sisk explains the installation and use of the AirDat32A.xla file below which is an MS Excel Add-In for calculating Air Data Parameters using Microsoft Excel.
- **AirDat32A.xla –** This is the Add-In by Kelan Sisk for MS Excel which allows generating tables of Air data Parameters which then can also be used to make Air Data graphs.
- **Atmosphere, Airspeed Mach, qc Calculator.xls** – This Excel spreadsheet by Al Lawless provides Airspeed & Mach Calculations and Data Tables.
- **Standard Atmosphere Plot and Tables.xlsx** – This Excel spreadsheet by Al Lawless provides a plot and tables for the Standard Atmosphere.

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