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HANDBOOK
OF FUEL
PROPERTIES

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HANDBOOK OF AVIATION FUEL PROPERTIES 3rd Edition - 2004

The 2004 expanded and updated edition has now been published and is available immediately.

- *The purpose of this document is to provide a convenient source of information on properties of aviation fuels for reference use.*
- *Gammon Technical Products, Inc. does not publish this book but is making it available to you as a service. If you prefer, you can purchase it directly from the Society of Automotive Engineers, Publications Dept., 400 Commonwealth Dr., Warrendale, PA 15096, USA.*
- *The numbers for this publication were compiled and prepared by the Coordination Research Council from data that were gathered by a team of industry leaders.*

Description of Fuels

Specifications, military and civil for primary countries
Aviation Gasolines and Turbine Fuels
Additives, including static dissipaters, antioxidants, icing inhibitors, leak detectors, etc.

Description of Test Methods

Concise explanations of every applicable ASTM test method

Summary of Fuel Properties

Charts and Curve Sheets show how properties change as temperature changes for each type of fuel
For example, viscosity, thermal expansion, vapor pressure, enthalpy, thermal conductivity, electrical conductivity, surface tension, flammability limits, solubility of water.

Fuel Distribution System Issues

For example, settling rates of particles and of water, microbial prevention, dye contamination, surfactant contamination, fuel lubricity and its measurement, thermal stability, electrostatic charging, misfueling etc.

Spectral Characterization

Ultraviolet-visible, near infra-red and infra-red absorption, fluorescence emission, Ramon scattering, etc.

Order CRC Report No. 635. The 3-Ring Notebook includes a CD, 140 pages of graphs and prose on durable glossy chart paper.