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**HANDBOOK
OF FUEL
PROPERTIES**

**BULLETIN 96
(8-04)**

HANDBOOK OF AVIATION FUEL PROPERTIES THIRD 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:

Society of Automotive Engineers, Publications Dept.
400 Commonwealth Drive
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, and 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.