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He is a co-author of Aircraft Engine Design and Elements of Propulsion: Gas Turbines and RocketsA, both winners of the AIAA Summerfield Book Award. He

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holds a Ph.D. in Aeronautics and Astronautics from the University of Washington.

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Annotation Significantly expanded and modernized, this text emphasizes recent developments impacting engine design such as theta break/throttle ratio, life management, controls, and stealth. The key steps of the process are detailed in 10 chapters enhanced by AEDsys software on CD-ROM that provides comprehensive computational support for every design step.

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textbooks in his field, Dr. Mattingly was the principal author of Aircraft Engine. Design (1987), an unprecedented conceptual design textbook for air breathing. Teaching Risk Analysis in an Aircraft Gas Turbine Engine Design...

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AeroSpace Plane program. Dr. Mattingly did research in propulsion and thermal energy systems at AFIT and at the Universities of Washington and Wisconsin. In addition to this new edition of Aircraft Engine Design, the authors have published other significant textbooks and technical publications. Dr. Heiser and

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The courses are based on the popular AIAA Education Series textbook "Aircraft Engine Design, Third Edition," written by Mattingly, Heiser, Boyer, Haven, and Pratt, published in 2018, and its AEDsys software, both of which are provided to the participants, as are course notes. The textbook is the winner of the 2005 AIAA Summerfield Book Award.

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Hardcover – Aug. 15 2009 by Link C Jaw (Author), Jack D Mattingly (Contributor)

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