



## Aircraft Basic Science, Eighth Edition

By Michael Kroes, James Rardon, Michael Nolan

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- Ground handling and safety for large, airline-style aircraft
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- FAA Airframe and Powerplant certification requirements needed to perform and approve aircraft maintenance

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## **Editorial Review**

### About the Author

**Michael Kroes** is an aviation practitioner and educator and has more than 35 years of experience in the field. He holds or has held several FAA certifications, including an Airframe & Powerplant Certificate, Inspection Authorization, Designated Mechanic Examiner, Designated Engineering Authority, and a Commercial Pilot's License. Professor Kroes has worked for some of the top aviation companies, including Raytheon and Allied Signal, and spent 25 years as a professor and Department Head at Purdue University. Recognized as a leading expert on FAA technician certification, he authored a comprehensive study funded by the FAA. This study was used to develop new FAA technician certification content and guidelines.

**Michael S. Nolan** is a professor at Purdue University and has taught there since 1978. He was responsible for the development of new A.S. and B.S. degree programs that now provide educational opportunities for students seeking to study aviation management and air traffic control. This program became one of only thirteen degree granting programs in the United States approved by the FAA as a Collegiate Training Initiative program for air traffic controllers.

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