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Nota di contenuto	History and classifications of aero-engine -- Performance parameters of jet engines -- Pulsejet and ramjet engines -- Turbojet engine -- Turbofan engines -- Shaft engines -- High speed supersonic and hypersonic engines -- Industrial gas turbines -- Power plant installation and intakes -- Combustion systems -- Exhaust system -- Centrifugal compressors -- Axial flow compressors and fans -- Axial turbines -- Radial inflow turbines -- Module matching -- Selected topics -- Introduction to rocketry -- Rocket engines.
Sommario/riassunto	Aircraft Propulsion and Gas Turbine Engines, Second Edition builds upon the success of the books first edition, with the addition of three major topic areas: Piston Engines with integrated propeller coverage; Pump Technologies; and Rocket Propulsion. The rocket propulsion section extends the texts coverage so that both Aerospace and Aeronautical topics can be studied and compared. Numerous updates have been made to reflect the latest advances in turbine engines, fuels, and combustion. The text is now divided into three parts, the first two

devoted to air breathing engines, and the third covering non-air breathing or rocket engines.