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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Pre-flight briefing -- The early years -- The later piston engine years -- The piston engine experience -- Transition to gas turbines -- WWII ends and turbojet development begins -- Birth of the tow-spool turbojet -- Four more turbojets -- Transition to turbofans -- Higher and faster -- Going commercial -- Challenges and new turbofans -- High-bypass fans -- The modern era -- Looking back 80 years -- Appendix : Pratt & Whitney medallion.
Sommario/riassunto	The Engines of Pratt Whitney: A Technical History recounts the role played by Pratt Whitney (PW) in the evolution of aircraft engines from 1925 to the present time for the most part as told by the engineers who made the history. A technical reference of all PW engines and their applications, the book describes the evolution of piston engines and gas turbines, and offers young engineers a wealth of insights about design, development, marketing, and product support efforts for customers at home and abroad. The first three chapters introduce the contributions of Frederick Rentschler, George Mead, and Leonard Hobbs, with stories of how each new piston engine came into being. From 1940-1945 PW committed its engineering efforts to winning World

War II, but when the war was over, PW found itself on the outside of the gas turbine market, which was capably being served by General Electric and Westinghouse. How PW emerged from being five years behind the competition in 1945 to a positio
