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Nota di contenuto	Airport Engineering; Contents; Preface; 1 The Structure and Organization of Air Transport; 1.1 The Need for National and International Organizations; 1.2 The International Civil Aviation Organization; 1.3 Nongovernmental Organizations; 1.4 U.S. Governmental Organizations; 1.5 Aviation Planning and Regulation at State Level; 1.6 Patterns of Airport Ownership; 1.7 Revenues and Expenditures at U.S. Airports; 1.8 Sources of Capital Financing for U.S. Airports; 1.9 Federal Financing; 1.10 The U.S. National Plan of Integrated Airport Systems: A Classification of Airports; References 2 Forecasting Air Transport Demand 2.1 Introduction; 2.2 Components of Air Transport Demand; 2.3 Conventional Airport Forecast Methods; 2.4 Integrated Demand Forecast Framework; 2.5 Multiairport Region Forecast Framework; 2.6 Air Trip Distribution Models; 2.7 Modal Choice Models; 2.8 Generation-Distribution Models; 2.9 Air Freight Demand Forecasts; 2.10 General Aviation Forecasts; 2.11 Route Choice Models; References; 3 Characteristics of Aircraft As They Affect Airports; 3.1

Relationships between Aircraft and Airports; 3.2 The Influence of Aircraft Design on Runway Length
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5.1 Airport Master Plan: Definition and Objectives
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8.7 Clearways and Stopways

Sommario/riassunto

First published in 1979, Airport Engineering by Ashford and Wright, has become a classic textbook in the education of airport engineers and transportation planners. Over the past twenty years, construction of new airports in the US has waned as construction abroad boomed. This new edition of Airport Engineering will respond to this shift in the growth of airports globally, with a focus on the role of the International Civil Aviation Organization (ICAO), while still providing the best practices and tested fundamentals that have made the book successful for over 30 years.
