



Planning and Design of Airports, 4/e

By Robert Horonjeff, Francis McKelvey

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Completely updated to cover all recent developments in the aviation industry, the new edition of this classic book offers you a definitive guide to the planning, engineering, and design of airports. Filled with example problems, illustrations, and up-to-date references, the work provides essential information on the dramatic changes in airport design and operation brought about by deregulation over the past decade. Here, you'll find a wealth of new ideas on the geometric design of the airfield; planning and design of terminal areas, including two new facilities in the Denver and Pittsburgh airports; lighting, signing, and marking; aircraft characteristics related to airport design; airport configuration; and forecasting in aviation and airport planning. The Fourth Edition also updates statistical and legislative data on aviation and airports, and features the latest thinking on airport capacity, air traffic control, airport financing, the design of pavements, environmental assessment, and heliport and vertiport design. Whether you're an engineer, architect, manager, or planner, the new edition of this definitive sourcebook will give you the hands-on expertise required to deal with any aspect of modern airport planning and design.

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Editorial Review

From the Back Cover

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About the Author

Robert Horonjeff (deceased) was an internationally known consultant on airport design and professor of transportation engineering at the University of California, Berkeley.

Francis X. McKelvey is professor of civil engineering at Michigan State University. He has also served as a consultant on transportation and airport planning to federal, state, and local agencies, as well as to private firms in the United States and abroad. He played a major role in the planning and design of the Fort Lauderdale-Hollywood International Airport.

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