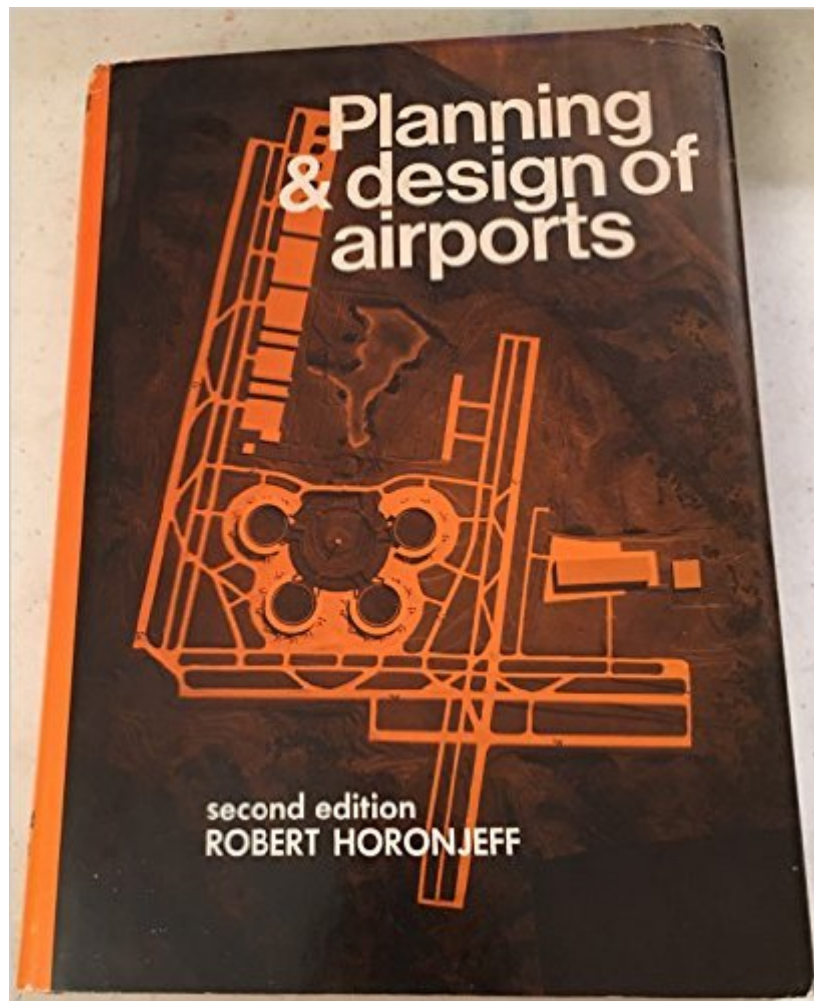# Planning And Design Of Airports (McGraw-Hill Series In Transportation)

Synopsis

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. --This text refers to an out of print or unavailable edition of this title.

Book Information

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Customer Reviews

The best of its kind for the technical detail. We have most of the other airport and terminal design books on the bookshelf (up to 2005 publication date), but every time we come back to using

Horonjeff for the serious design of new airports and extensions. It is also good for layout design by the engineer for terminals - although the architects may want more books. But there is another book - the 2003 book titled Airport Systems - Planning, Design and Management by Richard de Neufville and Amedeo Odoni - that will become the definitive text on airport design for the first part of the 21st century. So you'll need both, especially if you have to deal with the complexity of systems and stakeholders that are part of medium to large size airports.Horonjeff has got the full set of data tables and charts to enable you to design anything. I seldom need to use the ICAO Manuals on a daily basis, and only use them for cross checking an obscure point. The upgrade from the 3rd edition to the 4th edition was a big one - it metricated much of the book, added in the latest aircraft (late model 737, 767s and ER, and the 777-200), and generally updated the book. Examples of new information are some good stuff on runway/taxiway capacity, and some additions to ACN/PCN. Worth spending the money to update. Essential to buy if starting from scratch. The best textbook for a technical course on Airport Engineering. Needs Airport Systems to have a rounded and modern view of masterplanning (and the successor to masterplanning - dynamic systems planning).

It is a really practical, complete book. It's really simple to understand and covers about basic aspect of planning and designing.

I was very satisfied with my pearchas it came on time and in great condition

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