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Planning And Design Of Airports, Fifth Edition (P/L Custom Scoring Survey)



Synopsis

Authoritative, Up-to-Date Coverage of Airport Planning and Design Fully updated to reflect the significant changes that have occurred in the aviation industry, the new edition of this classic text offers definitive guidance on every aspect of planning, design, engineering, and renovating airports and terminals. Planning and Design of Airports, Fifth Edition, includes complete coverage of the latest aircraft and air traffic management technologies, passenger processing technologies, computer-based analytical and design models, new guidelines for estimating required runway lengths and pavement thicknesses, current Federal Aviation Administration (FAA) and International Civil Aviation Organization (ICAO) standards, and more. Widely recognized as the field's standard text, this time-tested, expertly written reference is the best and most trusted source of information on current practice, techniques, and innovations in airport planning and design. **COVERAGE INCLUDES:** Designing facilities to accommodate a wide variety of aircraft Air traffic management Airport planning studies Forecasting for future demands on airport system components Geometric design of the airfield Structural design of airport pavements Airport lighting, marking, and signage Planning and design of the terminal area Airport security planning Airport airside capacity and delay Finance strategies, including grants, bonds, and private investment Environmental planning Heliports

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Customer Reviews

Robert Horonjeff was an internationally known consultant on airport design. Francis McKelvey is

Professor Emeritus in Civil and Environmental Engineering at Michigan State University. William Sproule is Associate Professor in Civil and Environmental Engineering at Michigan Tech University. Seth Young is Associate Professor in the Department of Business Administration at Embry-Riddle Aeronautical University (ERAU).

Handy manual for anyone going into the design field or just interested in airports

I expect more issues related with planning

Book is exactly what I needed for the course.

A classic to be in every civil engineer library

Very useful

it help improving my knowledge on planning process in term of passenger comfort level, operational & economic effectiveness and modular expansion.

The book I bought for my son. Surely, it will help the Graduate students who are doing civil engg, project management etc.

This book was a must for my airport design class. It was more helpful than instructor notes. Great shape as well.

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