
Journal of the
AERO-SPACE TRANSPORT DIVISION
Proceedings of the American Society of Civil Engineers

AERO-SPACE TRANSPORT DIVISION
EXECUTIVE COMMITTEE

William E. Downes, Chairman; Aldo H. Bagnulo; William C. Borland;
Paul E. Stafford; George J. Lesk, Secretary;
Frank H. Newnam, Jr., Board Contact Member

COMMITTEE ON PUBLICATIONS

Walter E. Gillfillan, Chairman, Julian L. Bardoff;
S. Russell Stearns, Max Weinroth

CONTENTS

October, 1964

Papers

	Page
Supersonic Transport Development Program by Ray D. Kelly	1
A Study of Hypersonic Aircraft by Douglas E. Wall	9
Application of Supersonic Aircraft to Airline Operations by Henry D. Fellows	25
Operation of the Supersonic Transport at Airports by William Magruder	31
Operational Experience at Dulles Airport by Arven H. Saunders	53
Operations of the Supersonic Transport in the Terminal Area by Francis T. Fox	59

Copyright 1964 by the American Society of Civil Engineers.

The three preceding issues of this Journal are dated April, 1963, October, 1963, and May, 1964.

	Page
Trends in Automobile Parking at Airports by Charles A. Lawler	69
All-Weather Landing Systems by Alexander B. Winick	85
Runway Visibility in Thick Fog by Dan M. Finch	95
Ground Control of Airport Traffic by Robert S. Nickelsberg	123
Evolution and Future of Airport Passenger Terminals by Arnold W. Thompson	127
Jet Cargo Facility Requirements by Stuart R. Wallace	135
Automobile Parking Requirements at Airports by Wolfgang S. Homburger and William R. Eager	141
An Operational Look at Airport Design by Robert C. Huber	161
Influence of V/STOL Aircraft on Airport Design by R. Dixon Speas and Harry P. Schmidt	167
Forecasting Airport Traffic by Norman L. Johnson	181
Economics and Finance in Airport Planning by Belford Brown	197

INFORMATION RETRIEVAL

The key words, abstract, and reference "cards" for each article in this Journal represent part of the ASCE participation in the EJC information retrieval plan. The retrieval data are placed herein so that each can be cut out, placed on a 3 x 5 card and given an accession number for the user's file. The accession number is then entered on key word cards so that the user can subsequently match key words to choose the articles he wishes. Details of this program were given in an August 1962 article in CIVIL ENGINEERING, reprints of which are available on request to ASCE headquarters.