

Bibliography

- [1] Airport Forum, Various issues.
- [2] Airport International, Various issues.
- [3] Ashford, N. and Wright, P. H., *Airport Engineering*, John Wiley, New York, 1979.
- [4] Babić, O., Teodorović, D., Tošić, V., "Aircraft Stand Assignment to Minimize Walking Distances", *Transportation Engineering Journal of ASCE*, Vol 110, 1984, pp 55-66.
- [5] Benjamin, J. R. and Cornell, C. N., *Probability, Statistics and Decision for Civil Engineers*, McGraw-Hill, New York, 1970.
- [6] Blankenship, E. G., *The Airport*, Praeger Publishers, New York, 1974.
- [7] Braaksma, J. P. and Ramsay, W. A., "Air Terminal Design: Decentralization and Shape", *Transportation Engineering Journal of ASCE*, Vol. 105, No. TE 6, 1979. pp 699-714.
- [8] Braaksma, J. P. and Shortreed, J. H., "Improving Airport Gate Usage With Critical Path Method", *Transportation Engineering Journal of ASCE*, vol 97, No. TE2, 1971, pp 187-203.
- [9] Braaksma, J. P. and Shortreed, J. H., "Method for Designing Airport Terminal Concepts", *Transportation Engineering Journal of ASCE*, Vol. 101, No. TE 2, 1975. pp 321-335.
- [10] Carlin, A. and Park, R. E., "A Model of Long Delay at Busy Airports", *Journal of Transport Economics and Policy*, Vol 4, 1970, pp 37-52.
- [11] De Neufville, R., *Airport System Planning*, The M.I.T. Press, Cambridge, Massachusetts, 1976.
- [12] De Neufville, R. and Rusconi-Clerici, J., "Designing Airport Terminals for Transfer Passengers", *Transportation Engineering Journal of ASCE*, Vol. 104, 1978. pp 775-787.
- [13] Engineering News Records, various issues.

- [14] F. A. A., "Report on Airport Capacity, Large Hub Airports in the United States", Report no. FAA-AVP-77-26, Federal Aviation Administration, Washington D.C., 1977.
- [15] Gualda, N. D. F., "Modelling the Airport Terminal Building for Capacity Evaluation Under Level of Service Criteria", Ph.D Dissertation, The University of Texas, Austin, 1978.
- [16] Hamzawi, S. G. and Mangano, F., "Gate Assignment Model", Airport Authority Group, Transport Canada, Ottawa, Canada, 1986.
- [17] Hart, W., *Airport Passenger Terminal*, John Wiley, New York, 1985.
- [18] Hogg, R. V. and Craig, A. T., *Introduction to Mathematical Statistics*, 3rd. Ed., Macmillan, New York, 1970.
- [19] Horonjeff, R., *Planning and Design of Airports*, 2nd Ed., McGraw-Hill, New York, 1975.
- [20] I. A. T. A., "Airport Terminals Reference Manual", International Air Transport Association, Montreal, Canada, 1978.
- [21] McKenzie, A. J., et al., "Staging of Improvements to Air Transport Terminals", *Transportation Engineering Journal of ASCE*, vol 100, No. TE4, 1974, pp 855-872.
- [22] Newell, G. F., *Application of Queuing Theory*, 2nd Ed., Chapman and Hall, London, 1982.
- [23] Oil and Gas Journal, Various issues, Pennwell Publishing Co., Oklahoma.
- [24] Reiss, S. M., "Terminal Planning- Past Present and Future", *Airport Forum*, Vol. 17, No. 5, 1987.
- [25] Shirazi, S. S. T., "Study of Delays at Air Carrier Airports", Ph.D Dissertation, University of California, Berkeley, California, 1980.
- [26] Stafford, P. H. and Stafford, D. L., "Space Criteria for Aircraft Aprons", *Transportation Engineering Journal of ASCE*, vol 95, No. TE2, 1969, pp 237-243.
- [27] Stark, R. M. and Nicholls, R. L., *Mathematical Foundations for Design: Civil Engineering Systems*, McGraw-Hill, New York, 1972.

- [28] Steuart, G. N., "Gate Position Requirements at Metropolitan Airports", *Transportation Science*, vol 8, 1974, pp 169–189.
- [29] Transport Canada, "Gate Assignment", Document No. AK-14-03-003, Ottawa, Canada, 1981.
- [30] Transport Canada, "Schedule Generator Model, System and Logic Manual", Airport Planning Branch, Transport Canada, Ottawa, Canada, 1982.
- [31] Transportation Research Board, "Measuring Airport Landside Capacity", special report 215, Transportation Research Board, National Research Council, Washington, D.C., 1987.
- [32] United State Department of Transportation, "The Apron Terminal Complex; Analysis of Concepts for Evaluation of Terminal Buildings", Report No. FAA-RD-73-82, National Technical Information Service, Springfield, Virginia, 1973.
- [33] Vandebona, U. and Wirasinghe, S. C., "Airport Terminal Walking Distance Parameters for Centralized Single and Dual Concourse Configurations", Research Report No. CE 86-4, Department of Civil Engineering, The University of Calgary, Calgary, Alberta, Canada, 1986.
- [34] Wirasinghe, S. C., "Approximate Continuous Modelling of Passenger Walking Distance in Airport Terminals", Paper presented at EURO ix TIMS xxviii, Paris, France, July 1988, 16 p. (Unpublished)
- [35] Wirasinghe, S. C., Bandara, J. M. S. J., Lee, F., "Airport Terminal Planning, Gate Positions and Configurations", Research Report No. CE 85-16, Department of Civil Engineering, The University of Calgary, Calgary, Alberta, Canada, 1985.
- [36] Wirasinghe, S. C., Bandara, S., Vandebona, U., "Airport Terminal Geometries for Minimal Walking Distances", *Transportation and Traffic Theory*, Gartner, N. H. and Wilson, H. M., Editors, Elsevier Science Publishing Co., Inc. 1987. pp 483–502.
- [37] Wirasinghe, S. C. and Shehata, M., "Departure Lounge Sizing and Optimal Seating Capacity for a Given Aircraft/Flight Mix - Case i): Single Gate. Case ii): Several Gates", *Transportation Planning and Technology*, Vol 13, 1988. pp 57–71.

- [38] Wirasinghe, S. C. and Vandebona, U., "Passenger Walking Distance Distribution in Single and Dual Concourse Centralized Airport Terminals", *Transportation Research Records*, No. 1147, Transportation Research Board, National Research Council, Washington, D.C. 1988.
- [39] Zaguskin, V. L., *Handbook of Numerical Methods for the Solution of Algebraic and Transcendental Equations*, Pergamon Press, New York, 1961.



University of Moratuwa, Sri Lanka.
Electronic Theses & Dissertations
www.lib.mrt.ac.lk