

DEVELOPMENT OF AIRPORT PLANNING STANDARD MANUAL DOCUMENT



Christchurch International Airport



New Zealand



Development of Planning Standard Guidelines



2024 / 2025



KEY OUTCOMES:

- Comprehensive planning standards document
- Operational data discovery process
- Single source of truth for operational metrics

THE NEED:



- The airport engaged EBEA to support in planning an exercise focused on identifying key operational data points across all passenger terminal touchpoints.
- The project required the use of both existing data sources, such as airport systems, and new inputs including on-site operational surveys and EBEA's industry-informed recommendations.
- A key objective was to define a standardised approach to operational targets, aligned with IATA Level of Service (LoS) guidelines and other industry benchmarks.

THE APPROACH:



- EBEA developed a data collection plan that combined existing airport system data with a customised survey, carried out by a surveying agency at Christchurch Airport.
- The plan included over 250 proposed data points, prioritised by relevance. These ranged from essential inputs for airport planning exercises to supplementary data for detailed, area-specific analysis.
- Throughout the project, EBEA worked closely with Christchurch Airport's operational team to ensure stakeholder alignment and to validate the accuracy and applicability of the collected data.

THE SOLUTION:



- A detailed data collection plan outlining key data points, sources, and relevance for future planning.
- A planning standards document compiling all gathered data, with context on application, importance, and traceable sources to support future reviews.
- Recommendations for additional data points and methods for ongoing data collection, establishing a structured approach for future updates.



EBEA supported Christchurch International Airport to develop its own Airport Planning Standards Manual (APSM) as we wanted to own this important part of the planning process. The EBEA team were not only thorough in terms of detail and planning, but they assisted our team in understanding the cause and effect of the planning parameters, which through a critical lens allowed us to ensure that the focus was on the most important components. With EBEA's assistance, the planning manual was robustly tested with survey and data insights, with a plan going forward to continually enrich the APSM for future use and value creation. I highly recommend EBEA for creating an APSM for airport planning needs.

Craig Dunstan

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