



AEROPUERTO COMODORO ARTURO MERINO BENITEZ Santiago, Chile 1999 - 2002

Baggage Handling System

Scope of Supply:

- 4 integrated explosive detection x-ray systems
- 104 scale and induction check-ins,
- Pusher diverter sortation system
- 5 new pallet loop reclaim conveyors

In May 2000 Glidepath was awarded the contract for the supply and installation of the new baggage handling system for Arturo Merino Benitez International Airport, Santiago, Chile.

The system, which includes the integration of explosive detection systems (EDS) for hold baggage screening, was installed in three stages. The first and second stages were completed in February and July 2001 and the third stage was completed in May 2002. The system has been custom-designed to accommodate future expansion requirements and upgrade requests.

The outbound system, which includes 104-scale and induction check-in units has a capacity to sort 6000 bags per hour.

The check-in system also includes a 1450mm wide oversize conveyor and separate group check-in and VIP check-in systems. The oversize conveyor turns through a 90-degree power curve and declines to the basement makeup area.

A pusher diverter sortation system driven by GlideControl, a primary baggage sortation and allocation component of Glidepath's suite of baggage management software provides full automation. In addition, GlideControl's Tracking from check-in ensures that all baggage can be easily tracked and sorted from the moment that it is checked in. Eight pusher diverters are used to sort bags from a suspended primary sortation system to eight make-up loops located on the basement floor.

Glidepath's proprietary software, GlideView provides supervisory control and data acquisition. It supplies baggage handlers with fully configurable reporting and charting of real-time and historical data, including baggage throughputs, scanner statistics, sortation rates etc.

All bags pass through one of four in-line Perkin Elmer level one x-ray machines capable of screening 1500 bags an hour. Any security problem bags are sent to the level three Invision CTX 9000 x-ray machine for further screening.



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