

PROJECT PROFILE / DELTA AIR LINES TERMINAL REDEVELOPMENT PROGRAM

REBUILDING DELTA'S LAGUARDIA HOME

Delta Air Lines is on a mission to build a new, improved terminal complex at LaGuardia Airport without reducing gates or operational functions during construction.

Demolishing two existing terminals is no small task, but to meet increasing passenger needs and expectations, it must be done.



LIMITING TURBULENCE

LaGuardia Airport is under construction, but renovations are moving along without hampering current operations.

PROJECT STATS

CLIENT

Delta Air Lines

LOCATION

Flushing, New York

COMPLETION DATE

2022

30M

PASSENGERS, ON AVERAGE,
USE AIRPORT EACH YEAR

12.1M

DELTA AIR LINES
PASSENGERS ANNUALLY

1.2M

SQUARE FEET

More than 30 million passengers use New York's LaGuardia Airport each year. As LaGuardia's largest airline, with more than 12 million passengers in 2018, it's important that Delta Air Lines continues to provide the best possible service to its passengers.

Rapidly evolving technology, consumer expectations and increased passenger traffic have created demand for a more seamless, comfortable travel experience. To meet demands and deliver a world-class travel destination, Terminals C and D are being consolidated into Delta's new home, Terminal C. When complete, the new terminal will consist of 37 gates across four concourses, featuring modern customer amenities, state-of-the-art

architecture, more spacious gate areas and a connected terminal system.

Every decision the design and construction teams make is to minimize project impacts to customers, employees and the surrounding community. To accomplish this task, innovative phasing proposals were required before a strategic design could be created for the project. The schedule had to be developed in a way that would allow operations to continue even as the many components of the new terminal were being constructed.

Our team is providing design and construction administration services for the new terminal and is coordinating





efforts in collaboration with Delta and the Port Authority of New York & New Jersey to determine airside, terminal and landside operational needs.

Even before construction began, the existing infrastructure was significantly limited and required major expansion to the power, water, sanitary and communication infrastructure systems. A new substation has been installed as part of the project and all stakeholders, including Burns & McDonnell, Consolidated Edison, the Port Authority and Delta, developed a solution for this substation to be located within the new Terminal C.

The project also includes new access roads, security measures and parking facilities, in addition to the opportunity

to achieve a Leadership in Energy and Environmental Design (LEED) Silver certification. One of the project's sustainable components features a new ice storage system that will be able to create ice during the night to offset high daytime electrical costs.

The new terminal will be approximately 1.2 million square feet and will include a new headhouse, four concourses and a new Delta Sky Club. It will accommodate a total of 37 gates, which will be connected by a centralized check-in lobby, security checkpoint and baggage claim. Two concourses and the headhouse are scheduled for substantial completion and operations by early 2022, with the rest of the program scheduled to finish in 2026.

FEATURES

- Access roadway
- Baggage handling system
- Centralized check-in
- Delta Sky Club
- Dual taxi lanes
- Expanded concessions space
- Gate improvements
- Parking garage
- Pursuit of LEED Silver certification
- Seating capacity
- Security checkpoint
- Wider concourses



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