

LAX

The LAX Capital Improvement Program

Phase 1 of New TBIT Completed; Flight Operations Underway

Jay Berkowitz



UNIQUE CEREMONY—Arriving Singapore Airlines Airbus 380 super jumbo jet “cuts” ribbon in unique ceremony heralding beginning of flight operations at the New Tom Bradley International Terminal on September 18, 2013.

Flight operations kicked off at the New Tom Bradley International Terminal (TBIT) on September 18 at LAX with the completion of Phase 1 of the overall \$1.9-billion New TBIT Project.

Phase 1 of the New TBIT Project, which broke ground in February 2010, includes north and south concourses with nine boarding gates on the west side of the terminal that can accommodate larger, new-generation aircraft, such as the Airbus 380 super jumbo jet and the Boeing 747-8 Intercontinental.

Passengers will also experience a significant feature of the New TBIT, one of the most advanced multimedia Integrated Environmental Media Systems (IEMS) at a North American airport. Designed to create an unprecedented passenger experience, the IEMS includes seven very large media features built within

the new terminal's interior architecture. Consisting of more than 12,000 square feet of light-emitting-diode (LED) tiles, hundreds of liquid-crystal-display (LCD) screens, a dedicated control and content management network system, and some 60 ultra-high-resolution multimedia productions totaling more than four hours of original content, the IEMS sets a new global standard for airport media systems.

The project adds nearly 1.2 million square feet to double the size of the existing terminal. More than 15,500 tons of structural steel was used during construction – enough to build an 80-story building.

Los Angeles World Airports (LAWA) Executive Director Gina Marie Lindsey said, “Passenger-friendly terminals and conveniences, airplane-friendly taxiways and gates are all ‘must haves’ as airports

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Local Favorites and Global Design Brands Showcased in New TBIT



The New Tom Bradley International Terminal dining retail and duty-free programs are blending many of the world’s best known luxury design brands with a distinctly Los Angeles flavor.

A \$78.9-million dining and retail investment by Westfield and its partners and a \$25-million investment by DFS Group in duty-free merchandise offer travelers an exciting array of shopping choices in news-and-gifts, specialty retail, and duty-free shopping. Of the 36 new shopping op-

tions, 27 are new to LAX and nine have never been seen in an airport anywhere in the world.

Featuring 360-degree views, inviting store fronts and sustainable elements, the dining and retail design criteria by Westfield is proving travelers with unique areas to explore as they journey to their destinations.

Shops from international fashion houses offer exclusive access to designer items straight

LOCAL FAVORITE-
Fred Segal is one of the many shops showcased in the New Tom Bradley International Terminal.

off the runways. Boutiques from local institutions such as Fred Segal and Kitson will introduce the Southern California style to a global audience.

In addition to full-line fashion boutiques and curated fashion assortments, DFS’ duty-free lineup also features more than 20 beauty brands, including the original L.A. cosmetic brand, Smashbox. In addition to rare and exclusive spirits, DFS also features an in-store L.A.-themed “tasting bar.” Its collection of premium wines includes Los Angeles-based San Antonio Winery, Moraga Estate Vineyards, Rosenthal Estate Vineyards and Malibu Family Wines. Fine and luxury watches and its Platinum Services Club at LAX are also part of the benefits it provides travelers.

With 31 new options – three times more than before – ranging from luxury dining to healthy-and-fresh, sit-down to grab-and-go, Westfield’s dining options showcase freshness, demonstration cooking and sophisticated architecture, and celebrates local restaurants with culinary delights from renowned Top Chefs Michael Voltaggio, duo Susan Feniger and Mary Sue Milliken, Suzanne Goin and others whose cuisine reflect Los Angeles’ culture diversity and trends.

Significant Renovation of Terminal 5 Underway Thanks to Unique Partnership

Construction is underway on the significant renovation of Terminal 5, thanks to a unique partnership between Los Angeles World Airports (LAWA) and Delta Airlines. The \$339-million construction project is scheduled to be completed in 2015.

The project is funded using approximately \$12 million of Delta Air Line’s invested capital for proprietary improvements (airline lounge, check-in lobbies, finishes, other architectural elements); approximately \$25 million in reimbursements from the Transportation Security Administration for security screening measures; and the remainder in LAWA commercial paper/long-term debt, LAWA cash-on-hand, and Passenger Facilities Charges. No funds from the City of Los Angeles general fund are being used.

Highlights of the project include doubling the size of the ticketing lobby and federal security-screening checkpoints; an exclusive Sky Priority experience with a separate lobby and check-in; a private VIP check-in lobby; and renovation of the Delta Sky Club.

Renovation of the Delta Sky Club will include full-service bar, new carpet and tile and additional recharging stations for personal electronic devices; new baggage carousels; upgraded facilities to



COMPLETED--The baggage claim area in Terminal 5 has already been completed.

improve international baggage recheck; and new finishes to provide a cleaner, brighter customer experience for its travelers.

In addition, 15 new restaurants and shops featuring celebrity chefs and retail brand names that

reflect the cuisine, culture and lifestyle of Los Angeles will complete their phased openings in the near future.

The project will support more than 200 construction-related jobs in Southern California.

New TBIT Honored as Presidential Honoree Building Team of Year by AIA /Los Angeles

The New Tom Bradley International Terminal (TBIT) at Los Angeles International Airport (LAX) has been recognized by the American Institute of Architects (AIA) Los Angeles as its 2013 Presidential Honoree Building Team of the Year. The New TBIT started operations in the South Concourse and the Villaraigosa Pavilion in mid-September, which signified the completion of Phase 1 of the project.

Selected by the AIA Los Angeles board of directors, the award acknowledges the efforts of different entities successfully working together

to create a significant contribution to the built environment of Los Angeles.

Considered one of the most prestigious awards a designer can receive in the Los Angeles design community, the collaboration must demonstrate success in both design and social impact, and must be an inspiration for future collaborations that will enrich the architectural heritage of the city.

Designed by Fentress Architects, the modernized terminal is the crown jewel of the \$4.1-billion

LAX Capital Improvements Program-Phase 1, the largest public works project in the history of the City of Los Angeles. The New TBIT Project is creating almost 4,000 construction-related jobs during the project’s five-year schedule, and almost 2,000 permanent new concession jobs. An estimated 90 percent of the construction workforce comes from Southern California, and 40 percent of the workers are residents of the City of Los Angeles and other communities.

“The New Tom Bradley International Terminal is a new gateway for L.A.,” said architect Curtis

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Jason A. Knowles/Fentress Architects

RECOGNIZED – A recent award by the American Institute of Architects/Los Angeles acknowledges the efforts of different entities successfully working together to create a contribution to the built environment of Los Angeles – in this case, the New Tom Bradley International Terminal.

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Fentress. “The architecture was inspired by the people and geography of Los Angeles, but the functionality was inspired by Los Angeles’ economic needs.”

“The Tom Bradley International Terminal at LAX is the first and last impression of Los Angeles for millions of travelers every year,” said Los Angeles World Airports Executive Director Gina Marie Lindsey. “The new terminal enhances passenger safety and security while giving travelers the first-class passenger experience they expect from a world-class city like Los Angeles.”

It took more than 500,000 architectural man-hours to complete the project. Moreover, more than 550

contractors and airport personnel consisting of more than 9,900 workers logged almost 6.5 million man-hours on the construction of the first phase of the new terminal.

Design of the New TBIT is inspired by the Pacific Ocean on LAX’s west side, with a flowing roofline that recalls the rhythm of waves breaking on the beach. An open and spacious 110-foot-tall Great Hall suffused with natural daylight acknowledges Southern California’s temperate climate, while its aluminum roof arches over the column-free structure. The design creates a single, cohesive, architectural theme that unifies the entire terminal, both inside and out.

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RIBBON CUTTING--Mayor Eric Garcetti and former Mayor Antonio Villaraigosa cut the traditional ribbon to officially mark the start of flight operations in the New Tom Bradley International Terminal (TBIT) at LAX.

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TO:**

mlowe@lawa.org or

Los Angeles
International Airport
Public Relations Division
Attn: Marshall Lowe
One World Way-9th Floor
Los Angeles, CA 90045

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around the world compete for the economic vitality that world-class airports create. Our goal is to modernize LAX to ensure it maintains its vital role as the cornerstone of Southern California's air transportation system."

Earlier, on June 20 and 22, thousands of visitors, well-wishers and participants celebrated during the historic preview of the New TBIT.

On June 20, former Mayor Antonio R. Villaraigosa was joined by airport officials, business leaders, local celebrity chefs, and media from around the world to launch a series of unique events designed to showcase LAX and create global excitement for the New TBIT before construction was completed.

Following early morning and mid-morning media events, the celebration continued that evening with Terminal Concessions Manager Wesfield Group hosting a preview gala for business and civic leaders, travel and tourism industry executives, and the many project partners and individuals who helped bring the new terminal to fruition.

On June 22, officials rededicated the newly conserved Tom Bradley bronze sculpture and thousands of visitors participated in LAX Appreciation Day, a community open house. Mayor Bradley's daughters, Lorraine and Phyllis, were among the many dignitaries at the rededication ceremony. The 10-foot-tall bronze bust of Mayor Bradley is located on the Upper/Departures Level in front of the center entry doors to the international terminal named in his honor.

Phase 2 of the project, which begins later this year, will include: demolition of the existing terminal's east side gates; new boarding bridges and aircraft aprons on the east side of the new terminal; upgraded federal customs and immigration inspection areas; relocating and upgrading the federal passenger security screening area; public art installations; and secured corridors between TBIT and Terminal 4 so connecting passengers can conveniently go from one terminal to the next. The project cost is funded from LAX's operating revenues, capital improvement program funds, fees from airlines, passenger facility charges and airport revenue bond proceeds. No monies from the City's general fund are being used.

The new terminal has already won architectural design awards and is expected to become a new iconic structure for Los Angeles, joining the historical LAX Theme Building with its parabolic arches. It is expected to help LAX retain its competitiveness as the premier U.S. West Coast international gateway, especially to the fast-growing Asia-Pacific region.

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