



RECEIVING AND DISTRIBUTION CENTER

FACT SHEET



San Diego International Airport's (SDIA) new receiving and distribution center (RDC) is a 23,000 square-foot central delivery location for food, beverage, retail and other goods. The building, which is certified LEED Gold by the U.S. Green Building Council, began operation in November 2012.

Benefits

- Reduces traffic on Harbor Drive – the RDC helps reduce traffic on surrounding roadways by centralizing all truck deliveries to one location, with access via the north side of the airport. Airport vehicles are then used to deliver materials to the terminals and other locations via on-airport roadways. This reduces truck trips on Harbor Drive by 50–75 per day.
- Increases efficiency and safety – previously, a number of third-party truck deliveries were made directly to the terminals. Now, all deliveries will be made to the RDC and transported to the terminals by the airport's logistics partner, Bradford Airport Logistics.
- Reduces greenhouse gas emissions and water and energy consumption.

Environmentally Responsible

Environmental sustainability is a top priority at SDIA. It was one of the first major airports in the U.S. to implement a sustainability policy. Development of the RDC further supports SDIA's sustainability efforts. The building is certified Leadership in Energy and Environmental Design (LEED) Gold by the U.S. Green Building Council, making it the first LEED Gold-certified receiving and distribution facility in the world.

The RDC's sustainable elements include:

- Delivery trucks powered by biodiesel created from recycled cooking oil – as part of the airport's new cooking oil recycling program, waste cooking oil will be recycled by New Leaf Biofuel, a San Diego-based biodiesel company, and used to produce biodiesel. The resulting fuel will be used to power the RDC's delivery vehicles.

- Recycled construction waste – more than 95 percent of construction waste produced by the project was diverted from landfills by being recycled or salvaged.
- Use of recycled materials – when possible and financially feasible, building materials were selected to maximize the use of recycled content and regionally extracted/manufactured materials – 29 percent of the RDC’s building materials are recycled.
- Water-efficient plumbing fixtures – utilizing 40 percent less potable water.
- Drought-tolerant landscaping – requires no permanent irrigation; combined with water-efficient plumbing and other water-saving efforts, this reduces the facility’s overall water consumption by 54 percent.
- Solar hot water system – uses the sun’s energy to provide heat for the facility.
- Skylights – provide ambient lighting, thus reducing the need for energy- consuming artificial lighting.
- White roofing materials and concrete hardscapes – these materials reflect heat, rather than absorbing it, which reduces temperature increases.
- Preferred parking spaces for employees who carpool and/or drive low-emission/fuel-efficient vehicles.
- Secure bike storage and shower/locker facilities for employees to encourage the use of alternative transportation (biking, walking) to work.

Funding: Public-Private Partnership

The RDC is the first construction project in the airport’s history to utilize a public-private partnership. SDIA partnered with Aviation Facilities Company, Inc. (AFCO) to design, build and finance the project. By partnering with a third-party developer, the airport was able to acquire essential facilities without using its bonding capacity. In addition, it was possible to design and build the facility much more quickly than would have been possible using a traditional public works construction model. SDIA will make payments to AFCO over a maximum 20-year term. Project costs for the RDC were approximately \$19.2 million.

Operator

Bradford Airport Logistics will operate the RDC at San Diego International Airport. Bradford currently manages similar operations at Minneapolis-St. Paul International Airport, Detroit Metropolitan Wayne County Airport, Cleveland Hopkins International Airport and London Heathrow Airport.

Planning for the Future

The RDC facility was sized to accommodate potential Transportation Security Administration (TSA) screening of 100 percent of the goods going the terminals, should this be required in the future.

Keep Informed

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