

KEWR Newark Liberty

XP12

version 1.0



M A N U A L



A scenery for *Laminar Research X-Plane 12*
by Drzewiecki Design



KEWR Newark Liberty XP12

KEWR Newark Liberty XP12 is a highly detailed scenery of Newark Liberty International Airport in NJ, USA.

Newark Liberty International Airport (IATA: EWR, ICAO: KEWR, FAA LID: EWR), is a major international gateway serving the New York metropolitan area. Located approximately 4.5 miles (7.2 km) south of downtown Newark, New Jersey, the airport lies on the boundary between the cities of Newark and Elizabeth. It is owned jointly by the two municipalities and operated under lease by the Port Authority of New York and New Jersey. Within the New York airport system, it is the second-busiest airport after John F. Kennedy International Airport and plays a critical role in transatlantic and long-haul operations.



Newark Airport in the 1950s, rwy 22. Source: State of New Jersey Department of State, Archives



Newark Airport in the 1960s. Source: State of New Jersey Department of State, Archives

Newark Liberty traces its origins to 1927, when Newark Mayor Thomas Raymond commissioned plans for a modern airport to serve the rapidly growing region. Construction began on April 1, 1928, and the facility opened on October 1, 1928, as Newark Metropolitan Airport. It became the first major airport serving the New York metropolitan area and the first airport in the United States to feature a paved runway — a milestone in aviation infrastructure.

In 1930, Newark established one of the nation's first air traffic control towers and airport weather stations, setting early standards for operational safety and structured airspace

management. The Art Deco-style Administration Building, completed in 1934 and dedicated by Amelia Earhart in 1935, served as both terminal and control tower. The Brewster Hangar, constructed in 1937–1938, was among the most advanced hangars of its time and remains preserved as a historic structure.

Following World War II, Newark expanded steadily to accommodate the jet age. Runway lighting systems introduced in the 1950s enabled routine nighttime operations. During the 1970s, the airport underwent a major transformation, with the opening of Terminals A and B in 1973 and the eventual completion of Terminal C in 1988, establishing the modern three-terminal configuration. A monorail system connecting terminals, parking facilities, and rental car areas began operation in 1996. In 2000, the historic Administration Building was relocated and preserved as Building One, now housing administrative offices.

After the events of September 11, 2001 — including the departure of United Airlines Flight 93 from Newark — the airport was renamed Newark Liberty International Airport in 2002. The name reflects both the Statue of Liberty and the broader symbolic significance of freedom.

A major redevelopment program approved in 2016 replaced the original Terminal A with a new state-of-the-art facility, significantly enhancing passenger capacity, security flow, and operational efficiency.

The airport functions as a primary transatlantic hub and a major domestic gateway, particularly to high-demand markets such as Orlando, Los Angeles, and San Francisco. International service includes frequent long-haul operations to Europe, the Middle East, and select destinations in Asia and South America.

Newark serves as a major hub for United Airlines and hosts significant operations by JetBlue, Spirit Airlines, and American Airlines. The airport supports both passenger and cargo operations and handles a mix of narrowbody and widebody aircraft, including long-range intercontinental traffic. Its proximity to Manhattan — approximately 14 miles (23 km) — combined with direct rail connectivity via the Northeast Corridor, makes EWR one of the most strategically positioned airports in the United States.

Today, Newark Liberty International Airport stands as one of the country's most historically significant and operationally complex air transport facilities, combining early aviation heritage with modern hub-level infrastructure.



Newark Airport in the 1950s. Source: State of New Jersey Department of State, Archives



INSTALLATION

For manual install please refer to "Mac and Linux manual install" files attached to the product. They provide a detailed instruction on the manual install of the product. The Windows installer is fully automatic though you can perform a manual install in Windows as well.

PLUGINS

The product uses external plugins users need to install:

1. [Living Scenery Technology \(LST\) for X-Plane](#)
2. [openSAM for X-Plane](#)

CHARTS

For charts and plates visit [Skyvector](#) or [Search the Internet](#).

SCENERY FEATURES

- High-quality rendition of KEWR Newark Liberty International Airport for X-Plane 12, featuring the latest airport layout with extensive detail across the entire airfield.
- Optimized for performance, with X-Plane 12 native materials, full PBR texturing, advanced night lighting, and weather-responsive surface effects.
- Detailed terminal interiors in selected areas, fully modeled control towers, maintenance facilities, and hangars, all designed with performance efficiency in mind.
- Accurate runway and taxiway lighting systems, including ALSF approach lighting, PAPIs, REILs, stop bars, and high-intensity edge lighting.
- Fully animated jetways using SAM, custom Visual Docking Guidance Systems (VGDS), animated marshallers, and custom animated ground service vehicles.
- Custom ground textures featuring realistic surface wear, rubber deposits, high-resolution apron markings, and up-to-date taxiway geometry and signage.
- Optional static aircraft placement optimized for performance.

SUPPORT

Our [Support Forum](#) is dedicated to helping our customers in case of technical issues. Please read the regulations prior to registering.

CREDITS

We thank all individuals who helped us completing this project. Many thanks to FS news sites for sharing news about our products and to all our customers for encouraging us to constantly raise the bar.

The description in this manual is based on articles at [en.wikipedia.org](#).

Ground photoreal imagery used in the scenery is a derivative artwork based on orthophoto imagery produced by the U.S. Geological Survey as well as commercial orthophoto imagery delivered by Harris-Mapmart.

The product was developed by: Kyle DeGonge, Joshua Moore, Tom McCarty, Jakub Pączek, Mariusz Naporá, Karol Jankowski, Matvei Malishenko, Mateusz Borzęcki, Jakub Łukaszewski, Tomasz Ząbłotny, Maksim Shpakov, Artem Generalov, Dmytro Skrypnyk, Stanisław Drzewiecki and subcontractors.

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