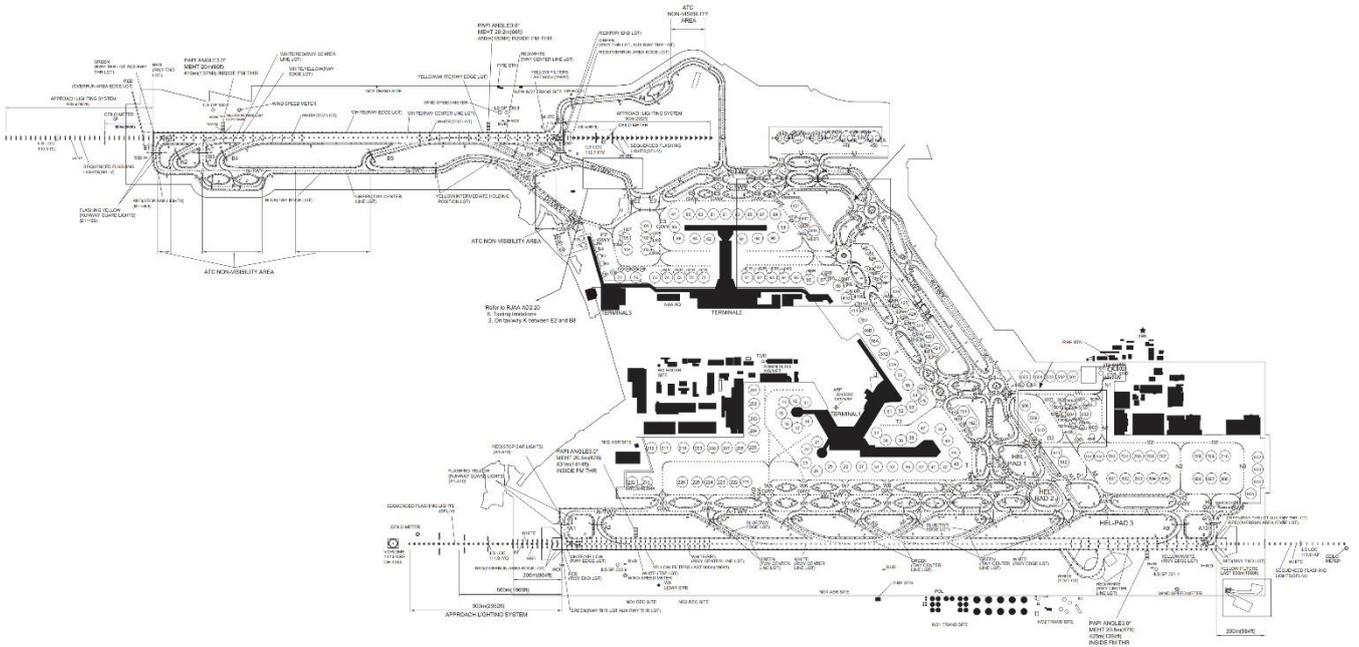


RJAA Tokyo Narita XP

version 1.0



M A N U A L



A scenery for
Laminar Research X-Plane 11
by Drzewiecki Design

RJAA Tokyo Narita XP

RJAA Tokyo Narita XP is a highly detailed scenery of RJAA Narita Airport in Tokyo, Japan.

Japan (Japanese: Nippon) is an island country in East Asia located in the northwest Pacific Ocean. It is bordered by the Sea of Japan to the west and extends from the Sea of Okhotsk in the north to the East China Sea and Taiwan in the south. Part of the Pacific Ring of Fire, Japan comprises an archipelago of 6,852 islands covering 377,975 square kilometers (145,937 sq mi); the country's five main islands, from north to south, are Hokkaido, Honshu, Shikoku, Kyushu, and Okinawa. Japan is the eleventh-most populous country in the world, as well as one of the most densely populated and urbanized. About three-fourths of the country's terrain is mountainous, concentrating its population of 126.2 million on narrow coastal plains. Japan is divided into 47 administrative prefectures and eight traditional regions.

Japan is a great power and a member of numerous international organizations, including the United Nations (since 1956), the OECD, and the G7. Although it has renounced its right to declare war, the country maintains Self-Defense Forces that are ranked as the world's fourth-most powerful military. After World War II, Japan experienced high economic growth, becoming the second-largest economy in the world by 1990 before being surpassed by China in 2010. Despite stagnant growth since the Lost Decade, the country's economy remains the third-largest by nominal GDP and the fourth-largest by PPP. A leader in the automotive and electronics industries, Japan has made significant contributions to science and technology. Ranked the second-highest country on the Human Development Index in Asia after Singapore, Japan has the world's second-highest life expectancy, though it is currently experiencing a decline in population. Japan has one of the richest cultures in the world, and is renowned for its art, cuisine, music, and popular culture, including its prominent animation and video game industries.

Tokyo is the capital and most populous prefecture of Japan. Located at the head of Tokyo Bay, the prefecture forms part of the Kantō region on the central Pacific coast of Japan's main island, Honshu. Tokyo is the political and economic center of the country, as well as the seat of the Emperor of Japan and the national government. The Greater Tokyo Area is the most populous metropolitan area in the world, with more than 37.393 million residents as of 2020.

Originally a fishing village named Edo, the city became a prominent political center in 1603, when it became the seat of the Tokugawa shogunate. By the mid-18th century, Edo was one of the most populous cities in the world, with a population numbering more than one million. Following the end of the shogunate in 1868, the imperial capital in Kyoto was moved to the city, which was renamed Tokyo (literally "eastern capital"). Tokyo was devastated by the 1923 Great Kantō earthquake, and again by Allied bombing raids during World War II. Beginning in the 1950s, the city underwent rapid reconstruction and expansion, going on to lead Japan's post-war economic recovery. Since 1943, the Tokyo Metropolitan Government has administered the prefecture's 23 special wards (formerly Tokyo City), various bed towns in the western area, and two outlying island chains. Tokyo is the largest urban economy in the world by gross domestic product.

Tokyo is near the boundary of three plates, making it an extremely active region for smaller quakes and slippage which frequently affect the urban area with swaying as if in a boat, although epicenters within mainland Tokyo (excluding Tokyo's 2,000 km (1,243 mi)-long island jurisdiction) are quite rare. Tokyo has been hit by powerful megathrust earthquakes in 1703, 1782, 1812, 1855, 1923, and 2011.

Narita International Airport is an international airport serving the Greater Tokyo Area of Japan. It is located approximately 60 kilometers (37 mi) east of central Tokyo in Narita, Chiba. Narita is the busiest airport in Japan by international passenger and international cargo traffic. In 2018, Narita had 33.4 million international passengers and 2.2 million tonnes of international cargo. In 2018, Narita was also the second-busiest airport in Japan in terms of aircraft movements and the tenth-busiest air freight hub in the world. Its 4,000-meter (13,123 ft) main runway is the longest runway in Japan. Narita serves as the main international hub of Japan Airlines, All Nippon Airways and Nippon Cargo Airlines, and as a hub for low-cost carriers Jetstar Japan and Peach.

Prior to the opening of Narita Airport in 1978, Tokyo International Airport (Haneda Airport) was the main international airport in Japan. Haneda, located on Tokyo Bay close to densely populated residential and industrial areas, began to suffer from capacity and noise issues in the early 1960s as jet aircraft became common. At Narita, air traffic movements have been controlled under various noise related operating restrictions. As a result, the airport must be closed from 00:00 (12:00am) to 06:00 (6:00am) the next day to minimize noise impact around the airport.

New Tokyo International Airport was originally envisioned to have five runways, but the initial protests in 1965 led to a down-scaling of the plan to three runways. Upon the airport's opening in 1978, only one of the parallel runways was completed (16R/34L, also known as "Runway A"); the other two runways were delayed to avoid aggravating the already tense situation surrounding the airport. By 1991, Narita was handling 22 million passengers a year, despite only having a design capacity of 13 million. On November 26, 1986, the airport authority began work on Phase II, Terminal 2 opened in 1992. The Runway B (16L/34R) opened on April 17, 2002, in time for the World Cup events held in Korea and Japan that year.

There are three air traffic control towers at Narita. The main control tower and one of the ramp control towers stand on the geographical center the airport, and another ramp tower is directly above Terminal 2. The Museum of Aeronautical Science is located on the south side of Narita Airport and has a number of aircraft on exhibit, including a NAMC YS-11 and a number of small piston aircraft.

A further extension of the Runway B to 3,500 meters (11,483 ft) has also been under official consideration since 2014, but would require the acquisition of a property to the south of the runway owned by fifteen protesters, only one of whom has indicated an intention to sell. The airport's original master plan also included a planned 3,200 meters (10,499 ft) third "C" runway, which would be a crossing runway south of the passenger terminals. Although the majority of the land and equipment required in order to build the runway are under NAA's ownership, small portions of land needed to be accessed in order to build the runway are still blocked by airport protesters, and areas south of the South Wing of the terminal are being used as aircraft parking and storage.

Busiest international routes from Narita are: Helsinki (Finnair, JAL), Paris CDG (Air France), Amsterdam (KLM), Rome (Alitalia), Zurich (Swiss), Copenhagen (Scandinavian), London (British Airways) and Frankfurt (JAL). Busiest domestic routes from Narita are: Sapporo, Fukuoka, Osaka and Naha (ANA, JAL, Jetstar, Peach, Spring).

More information (*Wikipedia*): [LINK](#)

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.

CHARTS

Real world charts:

Go to [AIS Japan](#), create an account and log-in. Then:

- select [AIP](#) (upper menu)
- select desired Publication Date
- select Part 3: AD 2 Aerodromes (left side menu)
- select RJAA Narita INTL
- AD 2.24 RJAA CHARTS RELATED TO AN AERODROME

If the link above is inoperative, simply search the [Internet](#).

SCENERY FEATURES

- High quality model of RJAA Narita airport in Tokyo, with extensive details throughout the whole airport
- Performance-friendly interior modeling at terminal buildings, control towers, and some hangars
- Optional static aircraft, advanced lighting, extensive mesh design with precise runway vertical profiles, PBR materials, significant orthophoto coverage
- Animated jetways, VGDS, marshalls, custom animated vehicles ([SAM plugin](#))

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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.

Ground photoreal imagery used in the scenery is a derivative artwork based on commercial orthophoto imagery delivered by PrecisionHawk as well as our own aerial imagery library.

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