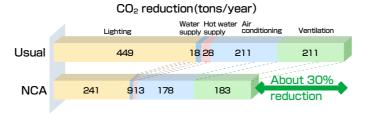
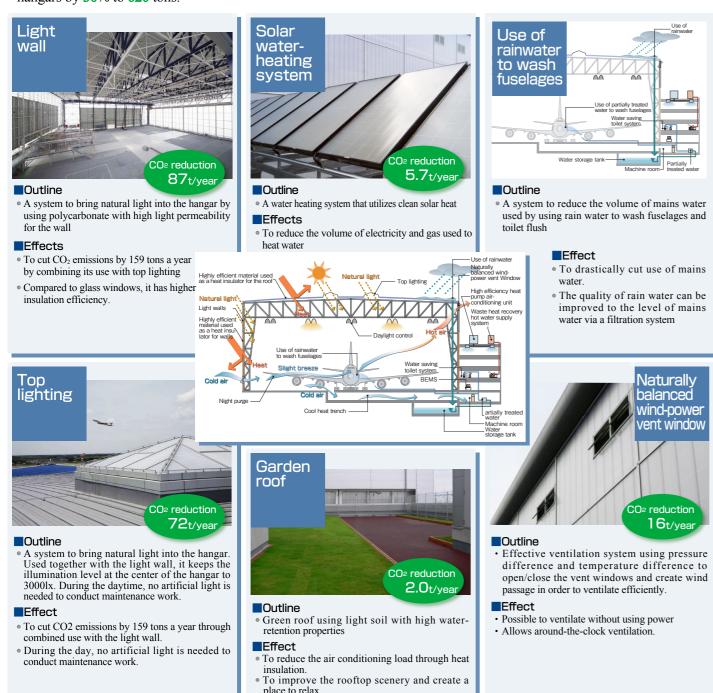
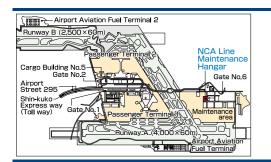
Environment-Friendly Hangar

The hangar incorporates a range of environment-friendly measures. The hangar has been designed to let in as much natural light as possible. Other eco futures include an advanced automatic ventilation system, fuselage washing Usual devise that uses rainwater, and a garden roof. These energy saving and other eco features will reduce annual CO_2 emissions from the figure of 900 tons for conventional hangars by 30% to 620 tons.









Narita International Airport, Narita-shi, Chiba 282-0011, Japan Phone:81-476-30-3940 Fax:81-476-30-3796

URL:http://www.nca.aero

NCA Line Maintenance Hangar



NARITA INTERNATIONAL AIRPORT in Japan







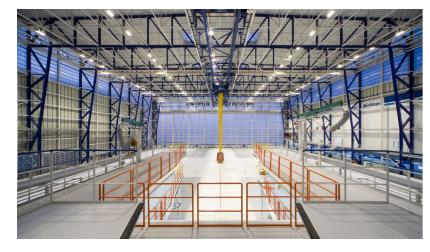


Line Maintenance Hangar

This hangar is a facility to undertake maintenance on NCA's aircraft. A-checks are performed approximately every 1.5 months, as well as repairs between flights, replacing large parts, and washing fuselage/engines.

The hangar can hold a Boeing 747-8F. Moreover, this facility includes a 4-story annex building where maintenance engineers and staff can undertake their tasks.





Facility Features

The hangar is a "luminous hangar," which is environmentally friendly and maintenance staff

Maintenance Work Features

Due to the special characteristic of the international air cargo business, our flights arrive during the morning and depart at night. Therefore, maintenance of our aircraft is normally undertaken during day

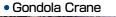
Maintenance System

Engineering & Maintenance consists of Maintenance Audit, Maintenance Administration, Maintenance Planning, Engineering, Quality Assurance, and Line Maintenance. Our site has obtained the Approval of "AMA" (Aircraft Maintenance or Alteration) and "AMI" (Aircraft Maintenance and Inspection) from the Japan Civil Aviation Bureau.



Maintenance Facilities



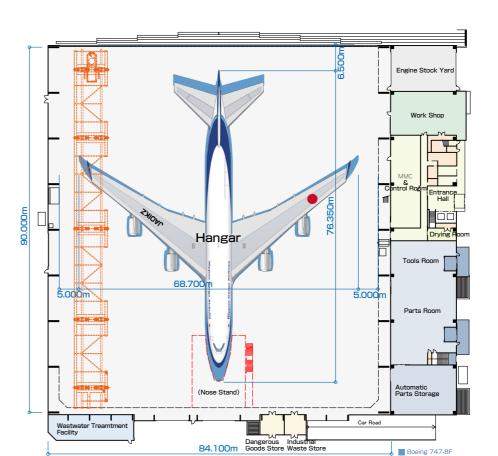


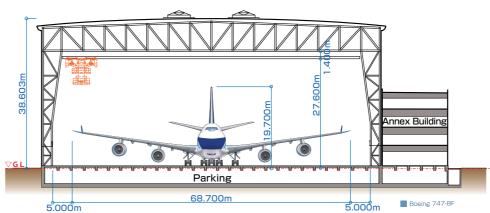


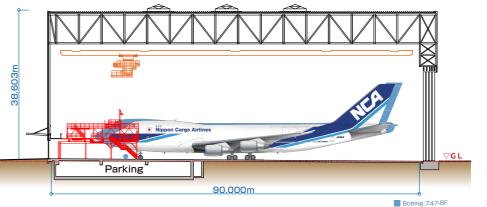
Automatic Parts Storage



Plan/Cross Section Facility Outline







Facility Outline

Design/Construction

Nippon Steel Engineering Co.,Ltd.

Scale

Floors

13,826.17m⁸ **Building Area** 10,380.05m 18,975.04m⁸ Total Floor Area

38,603mm Maximum Building Height 84,100mm×11,250mm

Main Structure Iron Framework, Ferroconcrete 105 cars (basement) Parking Space 3 cars (ground)

Construction Period

Jul. 2007-Jan. 2008 Feb. 2008-Apr.2009

Construction Materials

Roof Hangar:Insulate Double Twisted Boards Annex Building:Waterproof Asphalt Metallic Insulate Sandwich Panels

Hangar Door Panels

Steel Fiber Reinforce Concrete and Aggregate added Inorganic Thickness

Equipment

Package System

Heat Source Electricity

Water Tank Water Supply Hot Water Supply System Storage Water Heaters / Instantaneous Water Heaters

Public Sewerage Drainage Equipment

Power Receiving System

1.700KVA Canacity Spare Powe

Fire Extinguishing System

Indoor/ Outdoor Fire Hydrant Extinguishing Powder Monitor Nozzle Extinguishing Equipment

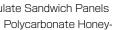
Mobile Powder Extinguishing Equipment

Smoke Ventilation

Passenger Elevator Elevators

Automatic Large Door

Rain Utilization Facilities



1 basement, 4 floors

1 tower floor

(Lume-wall by Takiron Co.,Ltd.)

Painted Floor

Ventilation Equipment

Cool Air Heat Pump

Hygiene Equipment

Electronic Equipment

High-Voltage Power Receiving System

Self-Power Generation Equipment

Foam Extinguishing Equipment

Connected Watering Equipment Natural Ventilation.

Mechanical Ventilation Automatic Fire Alarms systems

(For 13 persons)×2

Maintenance Work Facilities

