

KOREAN AIR CARGO

Building 9 JFK International Airport, Jamaica, NT 11430, US
TEL : +1-718-632-5566 FAX : +1-718-632-5589
<http://cargo.koreanair.com>



KOREAN AIR LOGISTICS CENTER **NEW YORK**



KOREAN AIR CARGO

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Korean Air Cargo, the world's leading cargo carrier, operates to and from most major destinations in Asia, North America, Europe and Oceania with its newest and largest freighter fleet of B747Fs and MD11Fs. Korean Air continues to invest in modernization of its freighter fleet, state-of-the-art facilities and IT to provide more reliable services to customers.



The most sophisticated cargo facility at JFK



Korean Air Cargo opened a \$102 million cargo facility at JFK International Airport in October 2000. Four carriers currently operate out of this state-of-the-art facility which now handles the highest volume ever recorded. JFK is the gateway for Korean Air's east coast cargo operations. The facility allows Korean Air Cargo to expand its services to other important east coast cities like Toronto, Atlanta and Miami.

This facility has the capacity to store and protect cargo from inclement weather, and allows efficient delivery and acceptance of cargo from its 34 truck docks.



Automated Storage and Retrieval System (AS/RS)

Makes maximum use of terminal space with high-bay cargo storage where bulk freight can be quickly, safely and securely stored

Automated Electrified Monorail (AEM)

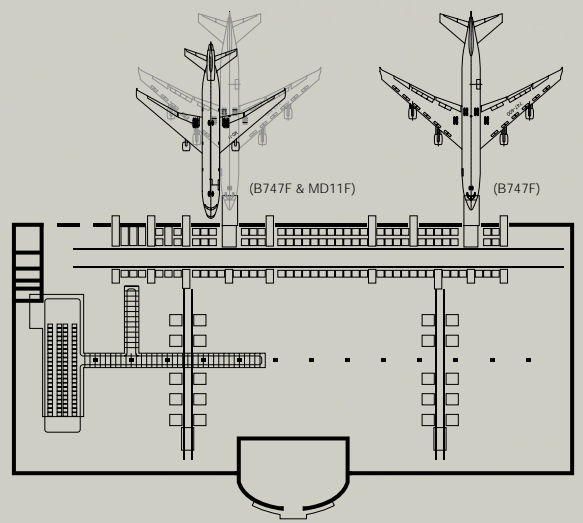
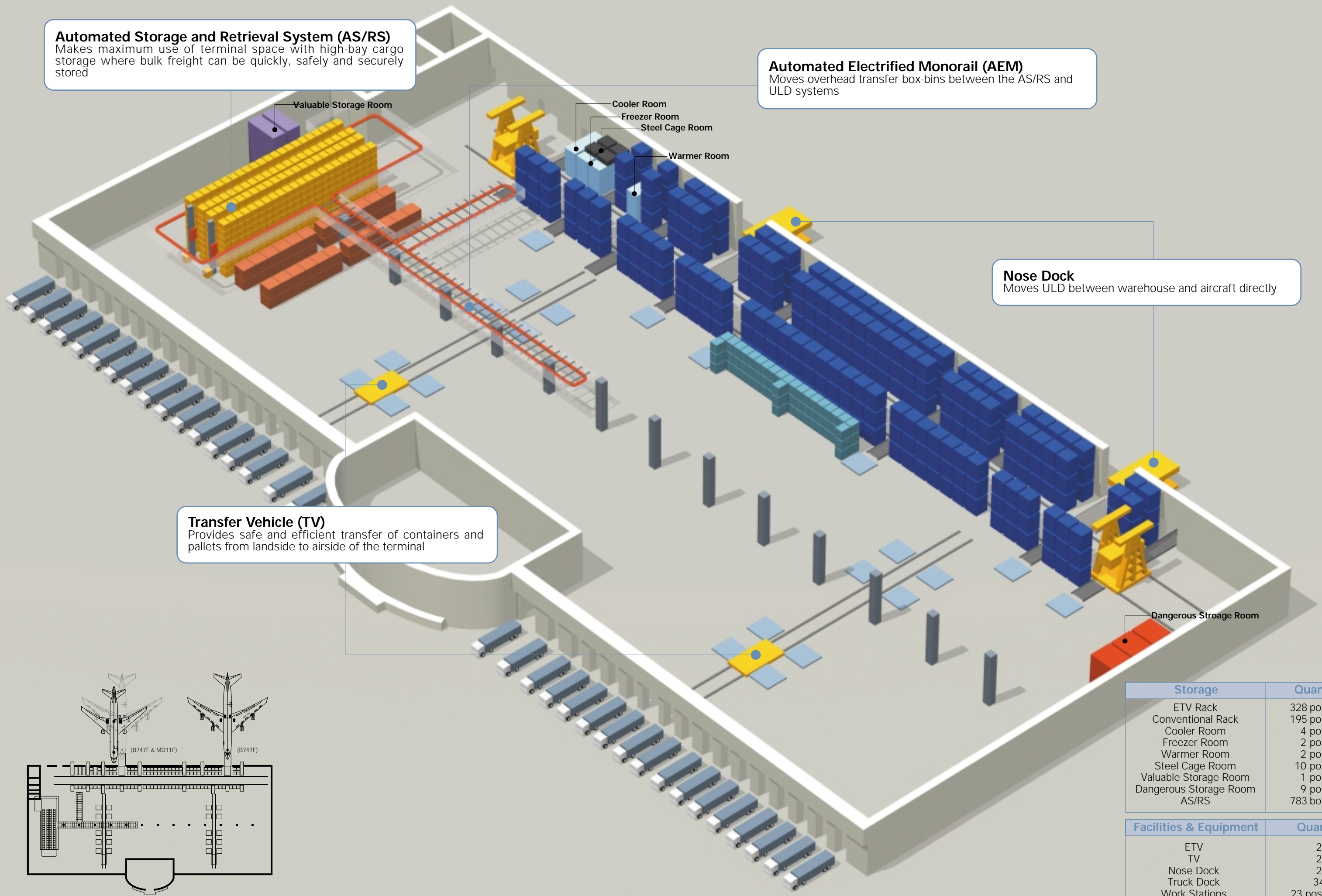
Moves overhead transfer box-bins between the AS/RS and ULD systems

Nose Dock

Moves ULD between warehouse and aircraft directly

Transfer Vehicle (TV)

Provides safe and efficient transfer of containers and pallets from landside to airside of the terminal



Storage	Quantity
ETV Rack	328 positions
Conventional Rack	195 positions
Cooler Room	4 positions
Freezer Room	2 positions
Warmer Room	2 positions
Steel Cage Room	10 positions
Valuable Storage Room	1 positions
Dangerous Storage Room	9 positions
AS/RS	783 box bins

Facilities & Equipment	Quantity
ETV	2
TV	2
Nose Dock	2
Truck Dock	34
Work Stations	23 positions



Customer Benefits

- Reduced waiting time - larger work space, 34 truck docks and one-stop cargo delivery service
- Customer satisfaction - 24 hour operations, immediate cargo acceptance and delivery
- Customer convenience - prearranged business prior to actual arrival by Internet cargo tracing
- Top quality facilities and equipments for special cargo

Key fact & figures of JFK terminal

Opening date October 10, 2000
Warehouse area 18,115m²(198 x 92m, 200,000 square foot)
Yearly capacity 200,000 ton
Parking and handling of three B747 freighters simultaneously
Storage and handling of 900 ton shipments at once
(346 positions of 96 " pallet)

Seamless services by automated connection systems

AS/RS (Automated Storage and Retrieval System)

Usage
Automatic storage and retrieval for import cargo. AS/RS maximizes floor space, improves throughput and adds routing flexibility by providing out-of-the-way storage space.

Capacity
783 box bins (individual bin holds up to 540kg of bulk freight)



AEM (Automated Electrified Monorail)

Usage
This system links the AS/RS to the ULD handling system using an overhead transport line. 18 trolleys move the box-bins back and forth between the breakdown workstations, the AS/RS and the truck docks.

Advantage
This overhead transport system reduces floor-level traffic, eliminates queuing bottlenecks and makes maximum use of the terminal's valuable space.



ETV (Elevating Transfer Vehicle)

Usage
The three-story ETV stores and retrieves air cargo containers smoothly and quickly.

Capacity 15 tons (20 feet long)

Installation 2 sets



TV (Transfer Vehicle)

Usage
TV provides the direct high speed conveyer/transport connection from the landside to the ETV on the airside.

Installation 2 sets



Speedy cargo handling services

Direct docking or conventional side door loading/unloading can be done simultaneously to speed up cargo handling with 2 independent nose dock.



Nose Dock

Usage
The nose door of the aircraft can be directly accessed to the second level of the ETV. It has the capacity to handle B747F/ MD11F and allows direct docking for nose door aircraft.

Installation 2 sets

“ Our Focus is completely on the Customer ”

JFK International Airport - Hub of US Eastern Seaboard

Korean Air's cargo terminal at JFK is one of the largest and most advanced facilities currently operating on the eastern region of the U.S. Korean Air Cargo at JFK has also undertaken the handling of its SkyTeam partners.

Air France(AF), Aeromexpress(OO) and Czech Airlines(OK)

Incheon International Airport - Hub of Northeast Asia

Korean Air has explored new horizons in ground handling services in Korea for over 30 years as the largest supplier. Korean Air is uniquely positioned to provide a wide range of handling services corresponding to the Annex A on IATA Standard Ground Handling Agreement. We currently serve 35 carriers in cargo handling and handle approximately 75% of cargo moving in & out of Incheon.

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| AC Air Canada | HU Hainan Airlines | SU Aeroflot Russia International |
| AF Air France | JD Japan Air System | T7 Trans Asian Airlines |
| AZ Alitalia Airlines | JL Japan Airlines | TG Thai Airways International |
| BA British Airways | KZ Nippon Cargo Airlines | UA United Airlines |
| CA Air China | K2 Kyrgyzstan Airlines | VN Vietnam Airlines |
| CJ China Northern Airline | K9 Krilo Airlines | WO World Airways |
| CX Cathay Pacific Airways | LH Lufthansa | XF Vladivostok Air |
| DL Delta Air Lines | LY El Al Israel Airlines. Ltd | 7B Krasnoyarsk Airlines |
| EF Far Eastern Air Transport Corp | MH Malaysia Airline | 9S Southern Air |
| FV Federal State Uniteriy Aviation Enterprise Pulkovo | MU China Eastern Airlines | 9Y Air Kazakstan |
| GA Garuda Indonesia | OM Mongolian Airlines | |
| | PR Philippine Airlines | |
| | SQ Singapore Airlines | |
| | SR Swiss Air | |