

# ***ANA Cargo***

**Company Profile**

**ANA Cargo** [www.anacargo.jp/en/](http://www.anacargo.jp/en/)

# To be chosen air logistics provider

As society and the economy changes and logistics become increasingly dynamic, we offer outstanding value as the world's leading airline.

Based on Boeing large freighter aircrafts, ANA Cargo has evolved into a full service cargo carrier and continues taking on challenges to meet all kinds of air cargo requirements.

As a combination carrier with both freighter and passenger aircrafts, we will further expand our network,

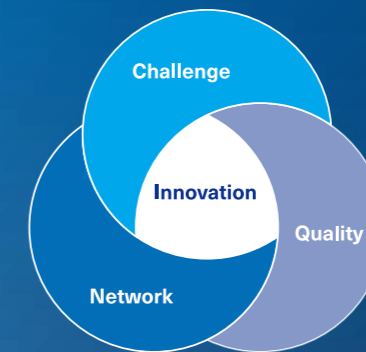
connecting Japan, China, Asia, Europe, and North America, establishing resilient system to promptly meet customers' needs.

Our sufficient aircrafts and various product lineups allows us to handle all kinds of cargo,

while our stable air logistics infrastructure with distribution function enables to provide reliable quality.

ANA Cargo will spur innovation in air logistics and continuously create new value for the world.

# CARGO + [Innovation]



# Extensive network and service only ANA Cargo can achieve

ANA Group boasts its longstanding history and performance in the air transport world. As a member, ANA Cargo, utilizing the group's mobilized extensive network and sufficient aircrafts, facilities, service, will provide full range of high services under secured support framework.

## CARGO + [Network]

### ANA's air network

We can flexibly combine air network covering approximately 50 cities in Japan and 45 cities abroad. This enables us to carry customers' cargo to every corner of the globe with speed and reliability.

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### Okinawa Logistics Hub Network

Utilizing its geographical advantage located in the center of Asia, Okinawa is the hub transferring gathered cargos from major markets in Asia including Japan. This realizes speedy and efficient transport to various destinations.

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### Freight Support Center

Comprehensive service of warehouse handling to customs clearance is provided in the same bonded warehouse adjacent to ANA terminal, which normally is conducted at other facilities outside the airport. This simple, convenient service reduces total lead time.

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## CARGO + [Quality]

### ANA Cargo service responds to ever-diversifying cargo characteristics

We offer products and services tailored to our customers' diversifying transport needs.

- PRIO EXPRESS**
- PRIO FREIGHT**
- PRIO TEM P**
- PRIO PHARMA**
- PRIO SENSITIVE**
- PRIO ART**
- PRIO VEHICLE**
- PRIO STRAIGHT**
- PRIO CONNECTION**

The PRIO series gives top priority to global business needs

Deliver things anywhere in the world faster and more accurately. Our PRIO series' diverse lineup meets global business needs with a "guaranteed priority."

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### Made-to-order transport plans

We offer charter service to fit your highly specialized transport needs. We'll propose the optimal plan, with reliable quality.



### Quality you can count on



CEIV is a quality certification program for the air transport of pharmaceutical products, formulated by the International Air Transport Association (IATA). ANA Cargo was the first Japanese airline to obtain this international quality guarantee, the "IATA CEIV Pharma Certification", at Narita International Airport. This ensures safety, security, compliance, and efficiency based on uniform international standards in accordance with Good Distribution Practices (GDP).

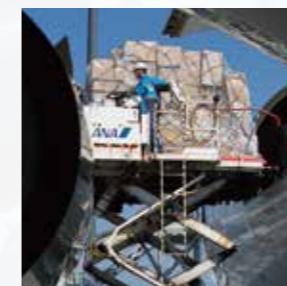
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ANA Cargo is the only Japanese airline who is a member of IATA's affiliate organization Cargo IQ, which comprises shipment management, process optimization, and IT solution providers. Listing its missions as "shipment management", "process optimization", and "standardization", it transcends the boundaries of individual companies and strives to establish standards for the airline industry as a whole.

### Joint ventures

ANA Cargo has launched joint ventures with other airline cargo companies, namely with Lufthansa Cargo in 2014 and United Cargo in 2016. These mutual connections provide access to optimal routes and cargo space, which enable us to offer faster, more flexible service. As a result, we can ship things smoothly to a vast number of destinations.



### A wide variety of aircraft

#### Freighters



#### Passenger aircrafts



The ANA Group currently has more than 200 aircraft of various models, including Boeing 777 and 767 freighters. By making the most effective use of these, not only can we achieve safety, reliability, and speed, but we are also able to flexibly handle cargos of any shape.

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### ULDs for all kinds of cargo

From ordinary containers to exclusive containers for freighters and cooling containers, ANA Cargo has more than 20 different types of ULDs. We handle all kinds of cargo.



Photo: Envirotainer AB

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# CARGO + [Challenge]

2 types of freighters matches various needs of cargos with different weight, dimension, etc.

ANA Group owns Boeing freighters of 777s and 767s.

We are able to load and transport cargo with weights and sizes which cannot be carried on passenger aircrafts. We also utilize high-quality temperature-controlled containers for cargo requiring strict temperature control, such as pharmaceutical products.

We take full advantage of our abundant aircrafts to flexibly handle cargo of various shapes and conditions, realizing reliable, safe, and speedy transport.



## New B777s

This aircraft can handle large cargo that used to be difficult to transport due to its size or other constraints. It's now possible to transport semiconductor manufacturing equipment and machine tools.

## Faster, Farther, and Beyond Beyond the limits

Our new B777 freighters will support future air logistics and connect the world

Our B777 freighters (nickname : "BLUE JAY") can hold 102 tons of cargo, approximately twice as much as B767 freighters. They provide an optimal solution for the additional expansion in cargo volumes caused by economic growth in developing countries, as well as for the advanced supply chain of the global era.



## Nickname



**BLUE JAY**  
CARGO + [Challenge]

## "BLUE JAY"

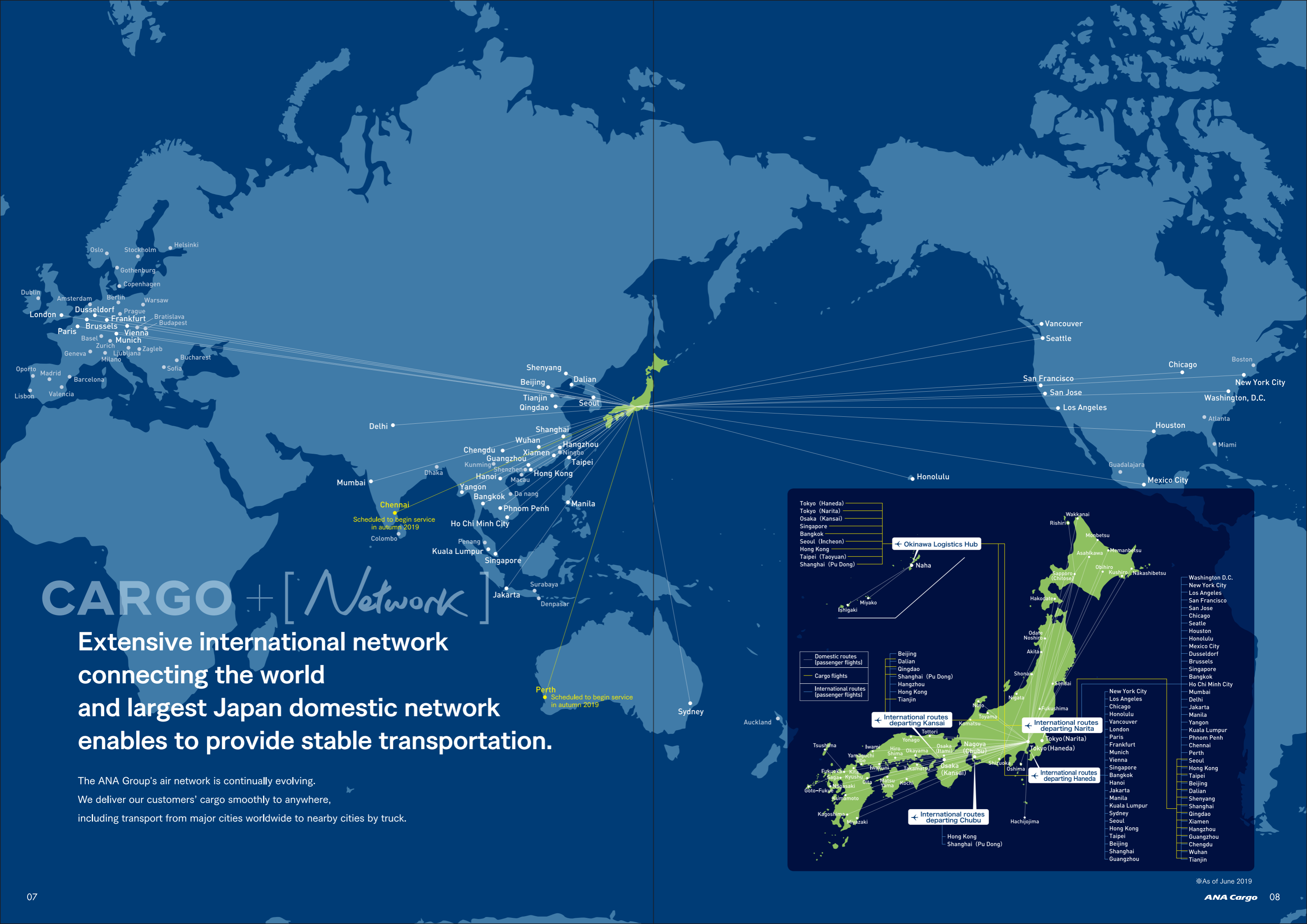
[California Blue Jay is a very beautiful blue bird.]  
Japanese name: Aokakesu

The nickname "Blue Jay" is the name of a beautiful bird with the same blue hue as ANA's color. The sight of a blue jay working steadily and diligently to carry food is reminiscent of ANA aircraft. The logo images a blue jay soaring powerfully and majestically through the sky, filled with sense of mission and joy in regard to transport.

# CARGO + [Network]

Extensive international network connecting the world and largest Japan domestic network enables to provide stable transportation.

The ANA Group's air network is continually evolving. We deliver our customers' cargo smoothly to anywhere, including transport from major cities worldwide to nearby cities by truck.



※As of June 2019

# CARGO + [Network]

## ANA Cargo's exclusive Okinawa Logistics Hub ensures even faster transport

Supporting Okinawa prefecture's International Logistics Base development concept, ANA Cargo established its own hub exclusively for air cargo transport, playing the key role. Utilizing advantages of Okinawa Cargo Hub's round the clock operations, speedy and efficient transshipment of cargos collected throughout Japan and Asia, realizes the high-speed transportation of late night departures and early morning arrivals.

### Advantages of Okinawa

- POINT1:** Central location in the enormous market of around 2 billion people in Japan and Asia.
- POINT2:** Round the clock operation available.
- POINT3:** Freighters fly during midnight to major Asian cities, which even makes possible to cope with urgent needs.
- POINT4:** More than 20 domestic direct passenger routes enables to connect to extensive Japan domestic network.
- POINT5:** Market with potential inbound consumption.



### Speed is Value (Cargo + Speed)

## Speedy transport from origin to destination

### ① Express transport model

First and foremost, we speedily transport shipments from origin to destination.

Various industrial cargos will be transported with speed and reliability at Naha, as the hub airport. Will meet customers' needs for "late shipment" and "early arrival" transport.

#### Recommended type



#### Examples

##### International logistics express model



##### Urgent shipments of parts

Pack at consignor by evening → Consign at Haneda Airport → Airfreight to Naha Airport on overnight flight, clear export customs → Airfreight to Singapore Airport → Deliver to consignee the next morning

### ② Transport model using Japan domestic route network

ANA's domestic route network connecting to Naha Airport is extensive, enabling shipment from an airport near you.

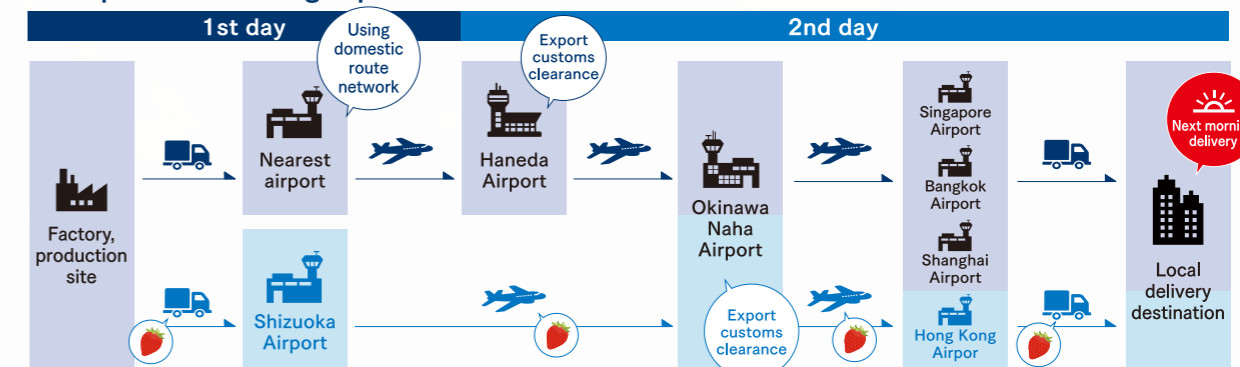
Using ANA's domestic network, with 100 flights departing and arriving per day at Naha Airport, will remarkably shorten the lead time, achieving both high quality and customer satisfaction.

#### Recommended items



#### Examples

##### Transport model using Japan domestic route network



##### Exporting Shizuoka prefecture strawberries

Pack at business operator → Consign at Shizuoka Airport → Airfreight to Naha Airport on domestic flight → Clear export customs at Naha Airport → Airfreight to Hong Kong Airport the next morning / Deliver to consignee → By afternoon, it's displayed in a local supermarket / Reach consumers

# CARGO + [Network]

Valuable Stock Model (Cargo + Strategy)

## Proposal for collaboration in Okinawa with limitless business opportunities

Making Okinawa as logistics hub for Asian markets

will lead customers' logistics strategy to enhance service with greater added value.

### 1 Simultaneous transport model to Okinawa and overseas' markets

Taking advantage of its robust inbound demand, Okinawa can be utilized to increase domestic goods' transport for Okinawa or test marketing products.

By simultaneously transporting and stocking those products, destined for overseas, to and at Okinawa, speedy export responding to customers' needs can be realized.

#### Recommended items



### 2 Okinawa stock model

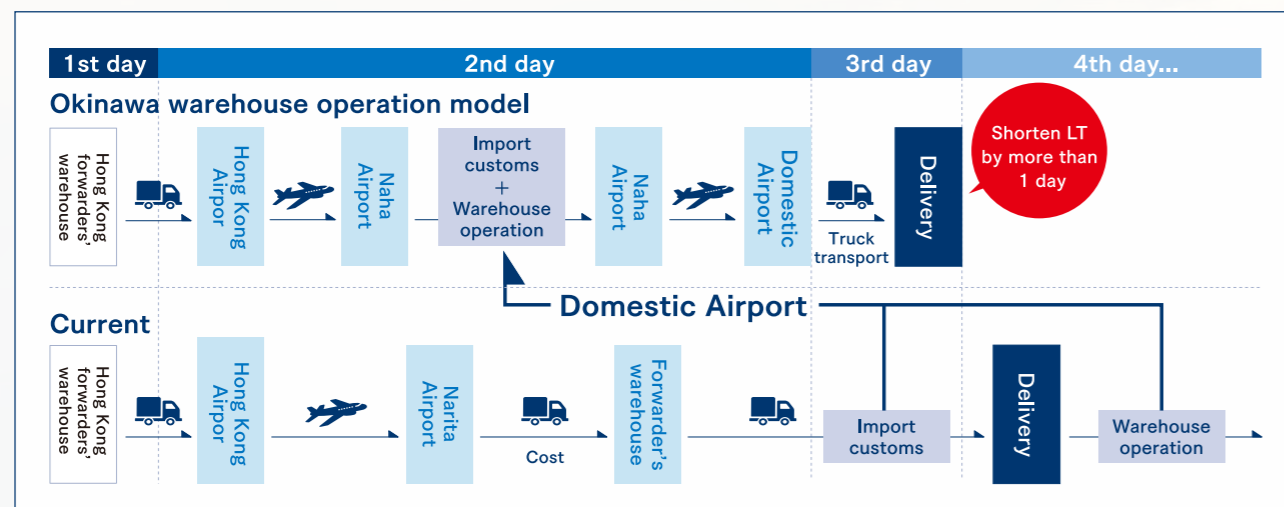
Midnight freighter operations and round the clock customs clearance system realizes speedy delivery.

By utilizing industrial cluster area of Okinawa international logistics base, logistics operations handled abroad can be covered in Okinawa.

Extension of order acceptance hours realizes logistics strategy to enhance customers satisfaction.

Transport channels expansion or simultaneous disaster risk dispersion can be expected.

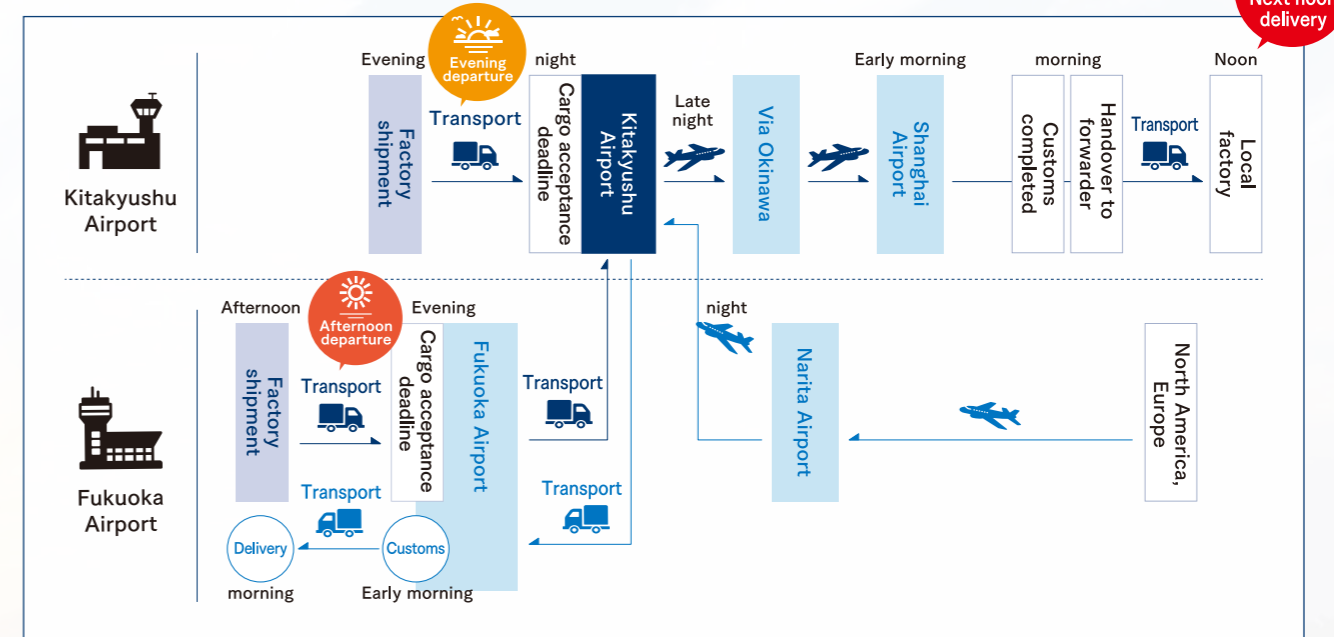
#### Recommended type



## Kyushu's only scheduled freighter operations Delivering "made in Kyushu" goods to the world

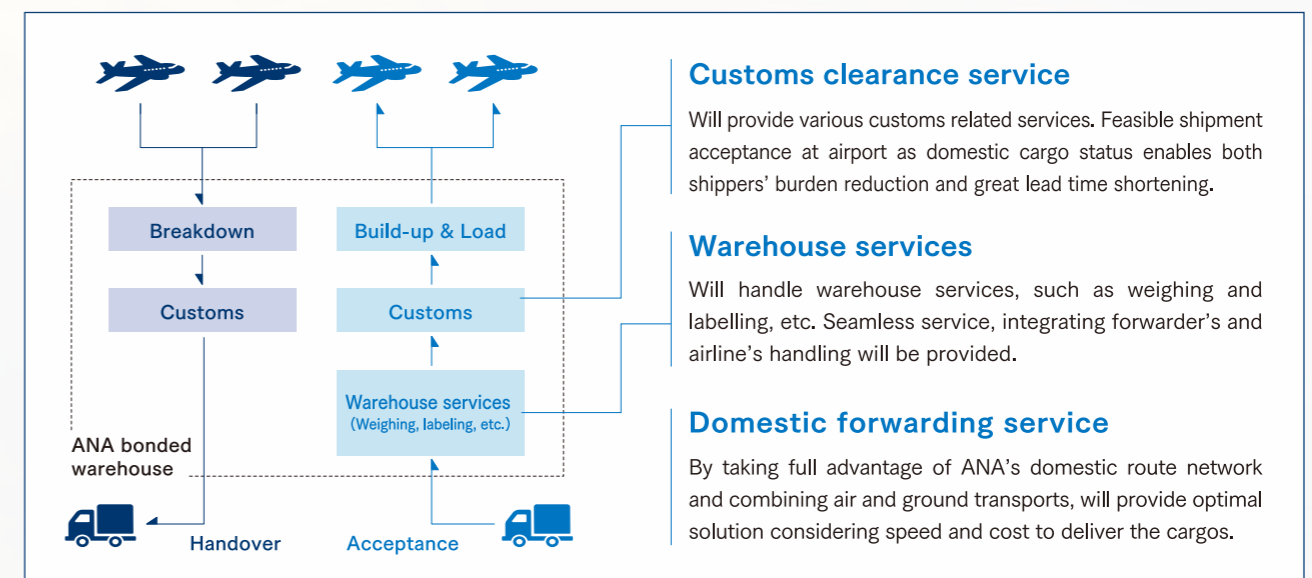
### ANA Kitakyushu transport model

Compared to truck transport from Tokyo•Osaka, Kitakyushu model shortens lead time and reduces truck costs.



## Freight support center covers customs clearance to loading, offering a one-stop operation

In ANA's cargo warehouses facing the parking aprons at Haneda Airport and Naha Airport, entire process from warehouse work to customs clearance is handled, which are ordinarily performed at the forwarders' facilities.



#### Customs clearance service

Will provide various customs related services. Feasible shipment acceptance at airport as domestic cargo status enables both shippers' burden reduction and great lead time shortening.

#### Warehouse services

Will handle warehouse services, such as weighing and labelling, etc. Seamless service, integrating forwarder's and airline's handling will be provided.

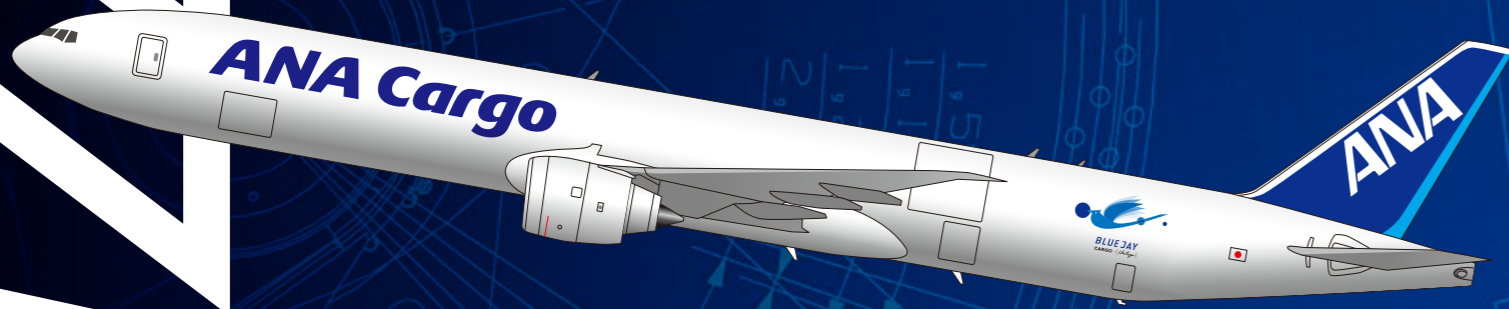
#### Domestic forwarding service

By taking full advantage of ANA's domestic route network and combining air and ground transports, will provide optimal solution considering speed and cost to deliver the cargos.

# B777F

## B777 freighter

This large freighter has a cruising range of 9,200 km and load capacity of approximately 100 tons. Speedily transports various shipments, including special cargo, via Asia=North America network.

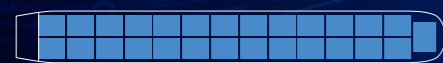


### FREIGHTER



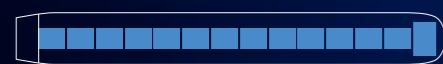
#### MAIN DECK

**96 or 88 Pallet side by side version**  
27 Pallets (96 x 125-in or 88 x 125-in)



#### 96 Pallet center load version

13 Pallets (96 x 125-in)  
+ 1 Pallet (96 x 125-in or 88 x 125-in)



#### 16 feet or 20 feet Pallet Center load version

9 Pallets (16-ft or 20-ft)  
+ 3 Pallets (96 x 125-in or 88 x 125-in)



#### LOWER DECK

**Pallet main version**  
10 Pallets(96 x 125-in or 88 x 125-in )+2 Containers(LD-3)



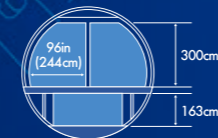
#### All container version

32 Containers (LD-3)

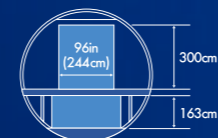


#### CROSS SECTION

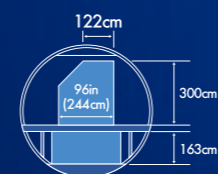
**96 or 88 Pallet Side by Side version**



**96 Pallet center load version**



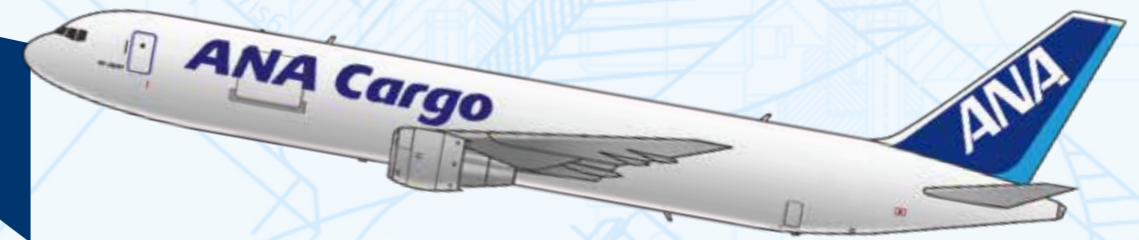
**16 feet or 20 feet Pallet center load version**



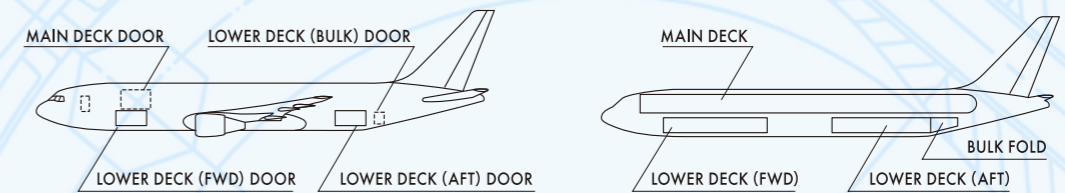
# B767F

## B767 freighter

This freighter has a cruising range of 6,000 km and load capacity of approximately 50 tons. Efficiently transports cargo via intra-Asian network.

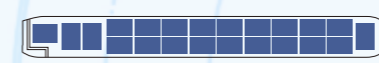


### FREIGHTER



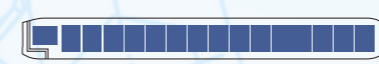
#### MAIN DECK

**Side by side version**  
21 Pallets (88 x 125-in)+1 Pallet (96 x 125-in)



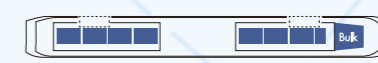
#### Transverse version

13 Pallets (96 x 125-in)  
+3 Pallets (88 x 125-in or 88 x 125-in)



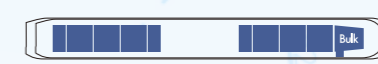
#### LOWER DECK

**Pallet main version**  
7 Pallets(96 x 125-in or 88 x 125-in )+1 Containers(LD-8)



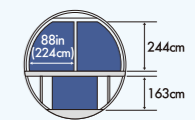
#### All Container version

15 Containers(LD-8)

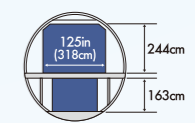


#### CROSS SECTION

**Side by side version**

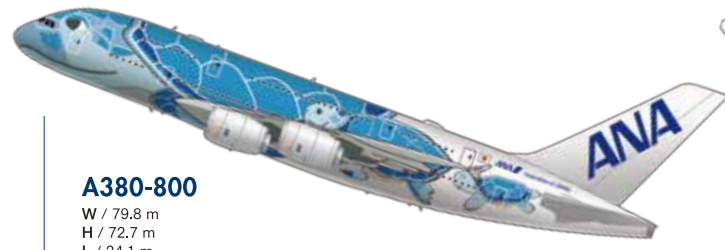


**Transverse version**



## Utilizing passenger flight network, cargos are efficiently and speedily transported

ANA's passenger flight network extends to all over Japan, currently serving most destinations in the country. Both our domestic and international routes boast an impressive scale. By fully utilizing passenger aircrafts' cargo space, efficiency and speed of cargo transport is being enhanced.



**A380-800**  
W / 79.8 m  
H / 72.7 m  
L / 24.1 m  
Cruising range / 13,330 km  
Maximum weight on board / 43,236kg



**B777-300**  
W / 60.9m (-300ER: 64.8m)  
H / 73.9m  
L / 18.5m  
Cruising range / 3,800km (-300ER: 14,900km)  
Maximum weight on board / 76,656kg



**B787-10**  
W / 60.1 m  
H / 68.3 m  
L / 17.0 m  
Cruising range / 11,600 km  
Maximum weight on board / 70,319kg



**B777-200**  
W / 60.9m  
H / 63.7m  
L / 18.5m  
Cruising range / 3,800km  
Maximum weight on board / 56,925kg



**B787-9**  
W / 60.1m  
H / 62.8m  
L / 17.0m  
Cruising range / 10,690km (INT: 14,960km)  
Maximum weight on board / 60,395kg



**B787-8**  
W / 60.1m  
H / 56.7m  
L / 16.9m  
Cruising range / 4,890km (INT: 12,020km; 14,740km)  
Maximum weight on board / 44,175kg



**B767-300**  
W / 47.6m (-300ER with winglet: 50.9m)  
H / 54.9m  
L / 15.9m  
Cruising range / 3,370km (-300ER: 10,030km; 10,820km)  
Maximum weight on board / 28,824kg



**AIRBUS A321**  
W / 35.8m  
H / 44.5m  
L / 11.8m  
Cruising range / 2,720km  
Maximum weight on board / 12,837kg



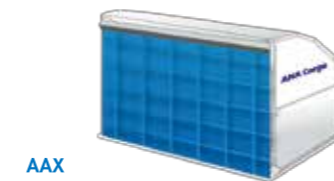
**AIRBUS A320**  
W / 34.1m (INT: 35.8m)  
H / 37.6m  
L / 11.8m (INT: 12.1m)  
Cruising range / 2,380km (INT: 5,790km)  
Maximum weight on board / 9,435kg

## Rich variety of air container types enables to accommodate wide range of cargos with diversifying characteristics

In light of diversifying cargo characteristics such as size, shape, and temperature control, various types of air containers with different sizes, materials, and functions are in possession. Every efforts are made to improve transport quality by utilizing these containers in accordance with the customers' needs.

### Major examples of ULDs

#### containers



**AAX**  
Internal capacity: m<sup>3</sup>(ft<sup>3</sup>) 13.7(484)  
External dimensions / L x W x H: cm (inches) 318 x 224 x 243 (125 x 88 x 96)  
Door size: cm (inches) 295 x 233 (116 x 92)  
Loadable aircraft B767F/B777F



**AKE (LD-3)**  
Internal capacity: m<sup>3</sup>(ft<sup>3</sup>) 4.4(156)  
External dimensions / L x W x H: cm (inches) 156 x 153 x 163 (61.5 x 60.4 x 64)  
Door size: cm (inches) 138 x 153 (54.3 x 60.4)  
Loadable aircraft B777/B787/B767/A380



**DQP (LD-4)**  
Internal capacity: m<sup>3</sup>(ft<sup>3</sup>) 5.5(194)  
External dimensions / L x W x H: cm (inches) 244 x 153 x 163 (96 x 60.4 x 64)  
Door size: cm (inches) 231 x 148 (91 x 58)  
Loadable aircraft B777/B767/B787



**AMA**  
Internal capacity: m<sup>3</sup>(ft<sup>3</sup>) 17.1(604)  
External dimensions / L x W x H: cm (inches) 318 x 244 x 242 (125 x 96 x 95.3)  
Door size: cm (inches) 293 x 228 (115 x 90)  
Loadable aircraft B767F/B777F



**DQF (LD-8)**  
Internal capacity: m<sup>3</sup>(ft<sup>3</sup>) 7.2(253)  
External dimensions / L x W x H: cm (inches) 244 x 153 x 163 (96 x 60.4 x 64)  
Door size: cm (inches) 225 x 154 (88 x 60)  
Loadable aircraft B777-200-300/B787-8/B767

#### Chilled containers



**AKE (Ice Battery®)**  
Internal capacity: m<sup>3</sup>(ft<sup>3</sup>) 1.3(47)  
External dimensions / L x W x H: cm (inches) 156 x 153 x 163 (61.5 x 60.4 x 64)  
Door size: cm (inches) 138 x 153 (54.3 x 60.4)  
Loadable aircraft B747/B777/B767/B787/A380



**RKN (LD-3F)**  
Internal capacity: m<sup>3</sup>(ft<sup>3</sup>) 3.5(123)  
External dimensions / L x W x H: cm (inches) 156 x 153 x 163 (61.5 x 60.4 x 64)  
Door size: cm (inches) 142 x 140 (56 x 55)  
Loadable aircraft B777/B787/B767/A380  
※Inside Temp -20~+20°C  
※Coolant DRY-ICE  
※FANTYPE



**RKN-t2**  
Internal capacity: m<sup>3</sup>(ft<sup>3</sup>) 3.5(123)  
External dimensions / L x W x H: cm (inches) 156 x 153 x 163 (61.5 x 60.4 x 64)  
Door size: cm (inches) 142 x 140 (56 x 55)  
Loadable aircraft B747/B777/B767/B787/A380  
Photo: Envirotainer AB



**RAP (LD-9)**  
Internal capacity: m<sup>3</sup>(ft<sup>3</sup>) 8.9(314)  
External dimensions / L x W x H: cm (inches) 318 x 224 x 163 (125 x 88 x 64)  
Door size: cm (inches) 278 x 145 (109 x 57)  
Loadable aircraft B777/B787B/767ER/A380  
※Inside Temp -20~+20°C  
※Coolant DRY-ICE  
※FANTYPE

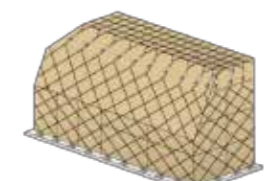
#### Palette



**PAP,PAG (Pallet)**  
External dimensions / L x W x H: cm (inches) 318 x 224 x 163 (125 x 88 x 64)  
Loadable aircraft B777/B787A380/B767ER/B767F/B777F



**PMP,PMC (Pallet)**  
External dimensions / L x W x H: cm (inches) 318 x 244 x 163 (125 x 96 x 64)  
Loadable aircraft B777/B787/B767ER/A380/B767F/B777F



**PGA (Pallet)**  
External dimensions / L x W x H: cm (inches) 606 x 244 x 299 (238 x 96 x 118)  
Loadable aircraft B777F

## Meeting diversifying needs: ANA Cargo's **PRIO** series

Our "PRIO" series meets the needs of a wide range of global businesses with a "guarantee priority." In order to deliver our precious cargo faster and more accurately to logistics bases around the world, we offer a wide variety of services.

### For urgent cargo



#### Transport service you can rely on in emergencies

Reserve the service up to 120 minutes before departure, and we can accept the items up to 60 minutes before departure and hand them over within 90 minutes of arrival. Use this for urgent cargo transport.



### For space guaranteed service



#### We promise to load it without fail on the flight you reserve

No matter the size, weight, or item, we offer a 100% guarantee that it will be loaded onto the reserved flight.



### For specified temperature



#### We safely transport pharmaceutical products using dedicated equipment

We use all kinds of active and passive temperature-controlled containers. We protect the quality using dedicated handling procedures specialized for pharmaceutical products.



#### We offer thorough temperature control

This service is for cargo requiring temperature control, such as perishables, frozen foods, and chemical products. We accommodate a wide range of temperature control methods, such as dry ice, rechargeable compressors, and special cooling materials, that can be selected according to your needs.



ANA obtained IATA CEIV Pharma Certification. (For details, see P.18)

### For special cargo



#### We make thorough preparations for impact risk We can safely transport precision instruments

We handle them in a way that accounts for the impact risk. This is a reliable service for transporting things like shock watch and tilt watch-fitted semiconductor manufacturing equipment and medical equipment.



#### Reliable automobile transport covering a variety of vehicle types

Utilizing our skilled staff and our freighter network, we handle autos ranging from compact cars to SUVs. We'll deliver them to all kinds of situations, such as motor shows and tests.



#### We have a thoroughgoing system for delivering things like artwork and instruments

For delicate cargo requiring special care. You can trust us to transport artwork received from overseas or instruments for a concert, for example.



### Customs clearance services ※This service is applicable ONLY from Japan



#### We handle warehouse services and export/import customs clearance on your behalf

"PRIO EXPRESS," "PRIO FREIGHT," and "PRIO COOL" with the addition of warehouse services and export customs clearance agency services. It's convenient to use.



#### Connect from the nearest airport to overseas

"PRIO EXPRESS" and "PRIO FREIGHT" with the addition of warehouse services and export customs clearance agency services as well as connection to and from domestic and international routes at Haneda.



## Pharmaceutical product transport based on global quality standards

ANA was the first Japanese airline to obtain IATA CEIV Pharma Certification at Narita International Airport.

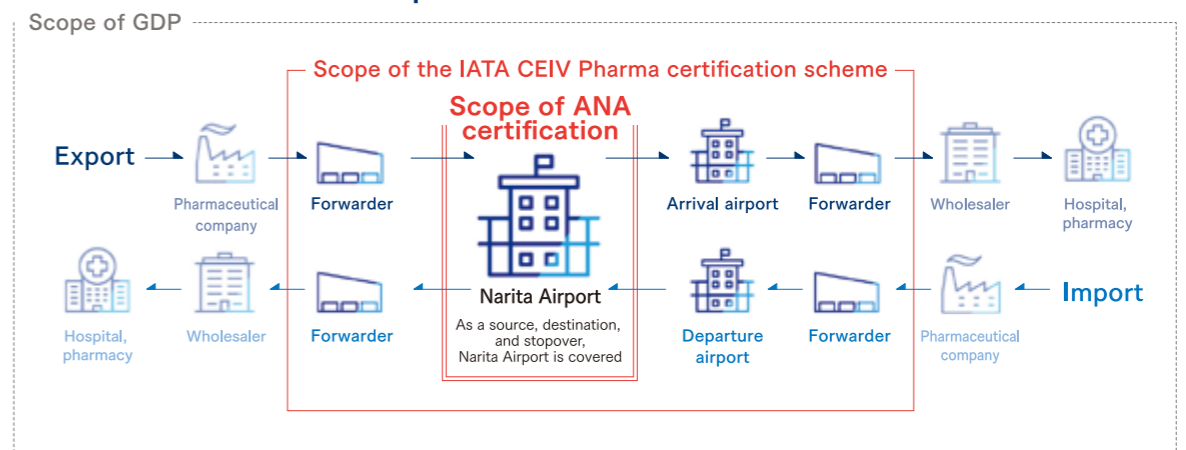


### What is IATA CEIV Pharma certification?

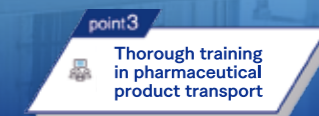
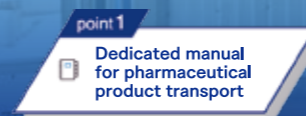
The letters stand for "The Center of Excellence for Independent Validation in Pharmaceutical Logistics." It's a quality certification program for the air transport of pharmaceutical products, formulated by the IATA.

This assures safety, security, compliance, and efficiency based on uniform international standards in accordance with Good Distribution Practices (GDP).

### Scope of the certification scheme



## Reliable pharmaceutical product transport backed by certification



ANA Cargo offers GDP-compliant, highly transparent handling, enabling high-quality transport of pharmaceutical products.

