

#### The Boeing Edge

Fleet Services

#### **Maintenance and Engineering**

- Boeing Operations Centers
- Engineering Services
- Lease Transition Services
- Maintenance Manuals
- Maintenance Performance Toolbox
- Maintenance Programs
- Maintenance Training
- Reliability Analysis
- Scheduled Maintenance Analytics
- Technical Suppor

#### **Maintenance Execution**

- AOG Services
- Boeing Shanghai Aviation Services
- GoldCare

#### Modifications

- Avionics Upgrade:
- Boeing Business Jet Services
- Blended Winglets
- Boeing Converted Freighters
- Interior Upgrades
- Performance Improvement Packages
- Performance Upgrades



### **Modifications**

747-400 Boeing Converted Freighter

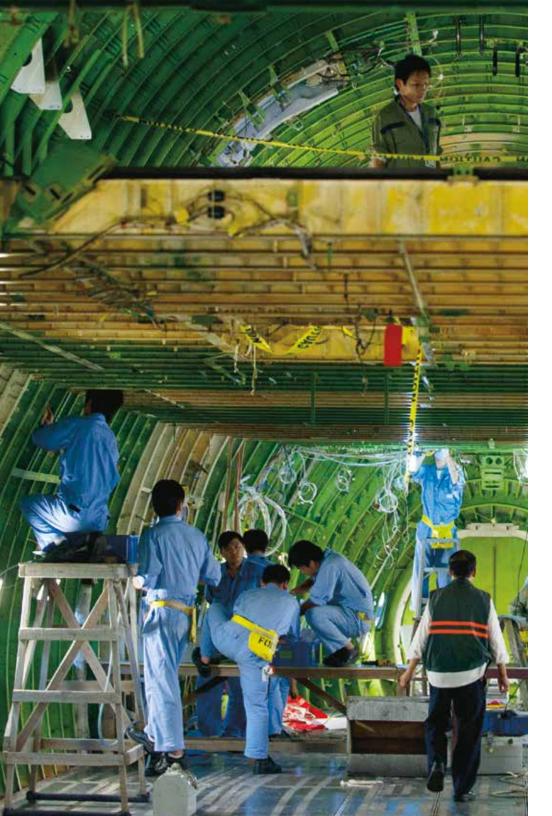
#### **Boeing Commercial Airplanes**

Marketing P.O. Box 3707 Seattle, WA 98124-2207

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747-400 Boeing Converted Freighter

# Renowned 747 revenue performance

Every Boeing Converted Freighter (BCF) flies with the Boeing Edge, an advantage that results from the industry's largest portfolio of services, support, and solutions, helping you get the most out of your asset today and tomorrow.

#### The Boeing Converted Freighter Advantage

#### Solutions for the future.

There are many reasons to consider a passenger-to-freighter conversion—an increase in cargo demand, the need to adjust fleet mix to include more widebody freighters or the retirement of older freighters. And an increasingly important reason is environmental efficiency.

Replacement of an aging aircraft with one that is more fuel efficient, cleaner and quieter is a step toward a better future. For example, replacing a 747-100/-200 with a 747-400BCF will improve economics due to a more modern, efficient airplane.

#### The difference is in the details.

The BCF identifier on every Boeing Converted Freighter assures the same engineering, workmanship, and attention to detail that go into all our products and services. And all the work is accomplished by Boeing Service Bulletin, recognized by regulatory agencies worldwide as the preferred method for modifying your Boeing aircraft.

This complete solution offers a solid return on investment and increased residual value by having the conversion performed by the original equipment manufacturer.

#### On time and on budget.

With Boeing managing the program, you can count on putting your freighter into revenue service on schedule and on budget.

#### A worry-free conversion.

We manage the conversion process from contract signing to redelivery, with a dedicated team focused on your success.

#### **Modifications**

#### Multitalented Air Cargo Performer

#### Supported like a new airplane.

Boeing offers something no other conversion program can—full airplane support and warranty directly from the OEM. BCF customers receive the same industry-leading support that Boeing delivers on new airplanes, including support where you need it, when you need it from our worldwide customer support staff. In addition, customers receive fully integrated manuals that are accessible through MyBoeingFleet and the benefit of spare parts commonality with production freighters.

#### High value, low risk.

The Boeing Converted Freighter meets the highest standards for quality and consistency. BCF airplanes are economical to maintain and operate. This ensures the highest value in the freighter market. After all, we have the original design data, a deep understanding of freighter requirements and more than 30 years of successful passenger-to-freighter conversion experience. It all adds up to a higher value and lower risk conversion when compared with other alternatives.

#### 747-400BCF

Maximum takeoff weight	<b>lb</b> (kg)	870,000	(394,625)
Maximum landing weight	<b>lb</b> (kg)	652,000	(295,742)
Maximum zero fuel weight	<b>lb</b> (kg)	610,000	(276,691)
Operating empty weight (including tare)	<b>lb</b> (kg)	372,250	(168,850)
Fuel capacity	US gal (L)	53,765	(90,770)
Revenue payload	<b>lb</b> (kg)	237,750	(107,842)
Cargo tare	<b>lb</b> (kg)	11,610	(5,266)*
Main deck cargo volume	<b>ft3</b> (m3)	20,674	(585.4)
Lower lobe cargo volume	<b>ft3</b> (m3)	4,423	(125.3)
Total cargo volume	<b>ft3</b> (m3)	25,097	(710.7)
Design mission range	<b>nmi</b> (km)	4,091	(7576)

<sup>\*30</sup> main deck pallets + 9 lower lobe pallets.

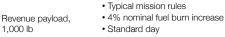


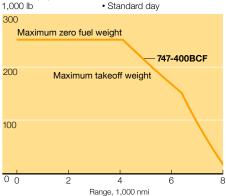
## The opportunity for additional improvements.

Take advantage of the conversion downtime by simultaneously upgrading the airplane's avionics and adding operational performance tools such as Maintenance Performance Toolbox, RFID Integrated Solutions and Airplane Health Management to increase operational efficiency.

## Renowned 747 revenue performance from a converted freighter.

When freight carriers need long-haul lift, the Boeing 747 leads the way. In fact, the 747 accounts for half of the world's air freight revenue. It's no wonder, with a lower ton-mile cost than any other jetliner, that the 747 delivers. The 747-400BCF continues this legacy, meeting the high standards that air cargo carriers have come to expect from the world's most successful jet freighter.





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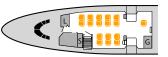
747-400 Boeing Converted Freighter 747-400 Boeing Converted Freighter

#### **Modifications**

## 747-400 Boeing Converted Freighter

## Upper Deck

Basic - 8 supernumeraries



Optional—up to 19 supernumeraries

#### The Boeing Edge benefits your business.

The Boeing Edge is organized around your business to give you the advantages it takes to succeed. It's designed to optimize the performance of your airplanes and operations, backed by the knowledge and experience that only Boeing can provide. And when it comes time to convert passenger planes to freighters, only with the BCF can you say "I fly with the Boeing Edge."

To learn more about the Boeing Converted Freighter program, contact us at www. boeing.com/commercial/aviationservices.

