



MATERIALS OPTIMIZATION

# Landing Gear Overhaul and Exchange Program



LIFECYCLE  
SOLUTIONS



# LANDING GEAR EXCHANGE SOLUTIONS

## **Boeing delivers LIFECYCLE SOLUTIONS.**

Products, services, and support that will help you achieve success and maximize the value of your Boeing fleet through its lifetime. Boeing has a LIFECYCLE SOLUTION focused on options for managing your landing gear assets, including overhaul and certification designed to increase efficiency and minimize the economic implications of landing gear maintenance.



## **A PROVEN ECONOMICAL LANDING GEAR SOLUTION**



The requirement to remove and overhaul landing gear is about every 10 years (depending on aircraft use). As a Boeing LIFECYCLE SOLUTION, the Landing Gear Overhaul and Exchange program offers owners and operators an alternative to replacing their landing gear with a new asset.

By using the global Boeing Network Service Centers, customers can minimize their costs and the time their aircraft is on the ground. No capital investments are required — only the exchange fee and overhaul costs.

This overhaul and exchange program offers a cost-effective approach to fulfilling your landing gear requirements. Boeing provides total support of the landing gear, including parts, scheduling, exchange, warranty, technical assistance, and recordkeeping. We will work closely with your technical departments to address your landing gear needs and scheduling requirements.

This single-source program covers all parts with a 3-year warranty and meets all worldwide regulatory requirements.

## How the Landing Gear Overhaul and Exchange Program Works



### Airline Operational Challenge

**Avoid grounded airplane for lengthy landing gear overhauls**

**Financial performance**

**Configuration/data management**

**Improve aircraft operational performance**

**Landing Gear Overhaul and Exchange program schedule commitments**

### Landing Gear Overhaul and Exchange Program Solutions









- Customer can exchange unserviceable landing gear for an overhauled, certified, ready-to-install gear.
- Eliminates customer need to contract and schedule landing gear overhauls with the supplier.
- Customers can reduce or eliminate capital expenditures for extra or leased gear to support their overhaul requirements.
- Minimizes upfront costs and spreads expenditures out over time.
- Pool participants have access to Boeing expertise, data, and product knowledge.
- Includes overhaul and certification of landing gear and testing and recertification of electrical and hydraulics installations according to Component Maintenance Manuals.
- All in-warranty Boeing Service Bulletins incorporated in the scope of work.
- Allows customer to focus on scheduled downtime (mods, etc.).
- Boeing manages all part, engineering, and technical issues as well as any unforeseen issues that may arise during the overhaul process.
- 3-year warranty on all parts and labor.

## Key Benefits of the Landing Gear Overhaul and Exchange Program

### Landing Gear Assets.

Exchange with fully overhauled and certified landing gear shipset, including all applicable legs of gear, nose shock strut, sidebrace, walking beam, drag brace, mechanical and electrical installations, and all installation components.

### Program Offerability

	717
	737 BBJ
	Next-Generation 737-700/-800/-900
	747-400ER/-400F
	757-300
	767-300ER/-300F
	777-200ER/-200LR/-200F and 777-300LR/-300F
	MD-11

**Other Programs Under Review**

### Schedule Commitment.

Open access to a committed pool of landing gear assets, extensive MRO supplier base, forward positioned critical part inventories, and dedicated program manager and Integrated Product Team for each aircraft type. Flexibility to accommodate customer schedule requests.



### Comprehensive Offering.

Includes overhaul and certification of landing gear, including all labor costs, replacement of standards and bushings, testing, and recertification of all hydraulics and electronics according to Component Maintenance Manuals. All Boeing in-warranty Service Bulletins are also included in basic scope of work.

### Quality Assurance.

The Boeing Quality Management System backed by a 3-year warranty for all parts and labor.

### Experience.

Leveraging more than a decade of experience and over 300 successful overhauls and exchanges.





**Boeing Commercial Airplanes**

P.O. Box 3707, MC 21-85  
Seattle, WA 98124-2207

[www.boeing.com/commercial/aviationservices](http://www.boeing.com/commercial/aviationservices)

The statements contained herein are based on good faith assumptions and provided for general information purposes only. These statements do not constitute an offer, promise, warranty or guarantee of performance. Actual results may vary depending on certain events or conditions. This document should not be used or relied upon for any purpose other than that intended by Boeing.