

 **BOEING**



**Parts Solutions**

# Landing Gear Overhaul and Exchange Program

BOEING **EDGE**  
Material Services



## Landing Gear Overhaul and Exchange

# A Proven Economical Landing Gear Solution

Your operations require every advantage possible to increase efficiency. The Boeing Edge is all about bringing your airplanes, operations and business those advantages and making your teams successful. The Landing Gear Overhaul and Exchange program is part of the Material Services set of offerings and is focused on helping you manage your landing gear assets and maintenance requirements. This includes repair, overhaul and certification designed to increase efficiency and minimize the economic implications of landing gear maintenance.

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### A Proven Economical Landing Gear Solution

The requirement to remove and overhaul landing gear is about every 10 years (depending on aircraft use and model). Boeing's 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—you only pay 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 work closely with your technical departments to address your landing gear needs and schedule requirements. The overhaul is backed by stringent Boeing Quality Management System and process requirements and meets worldwide regulatory standards.

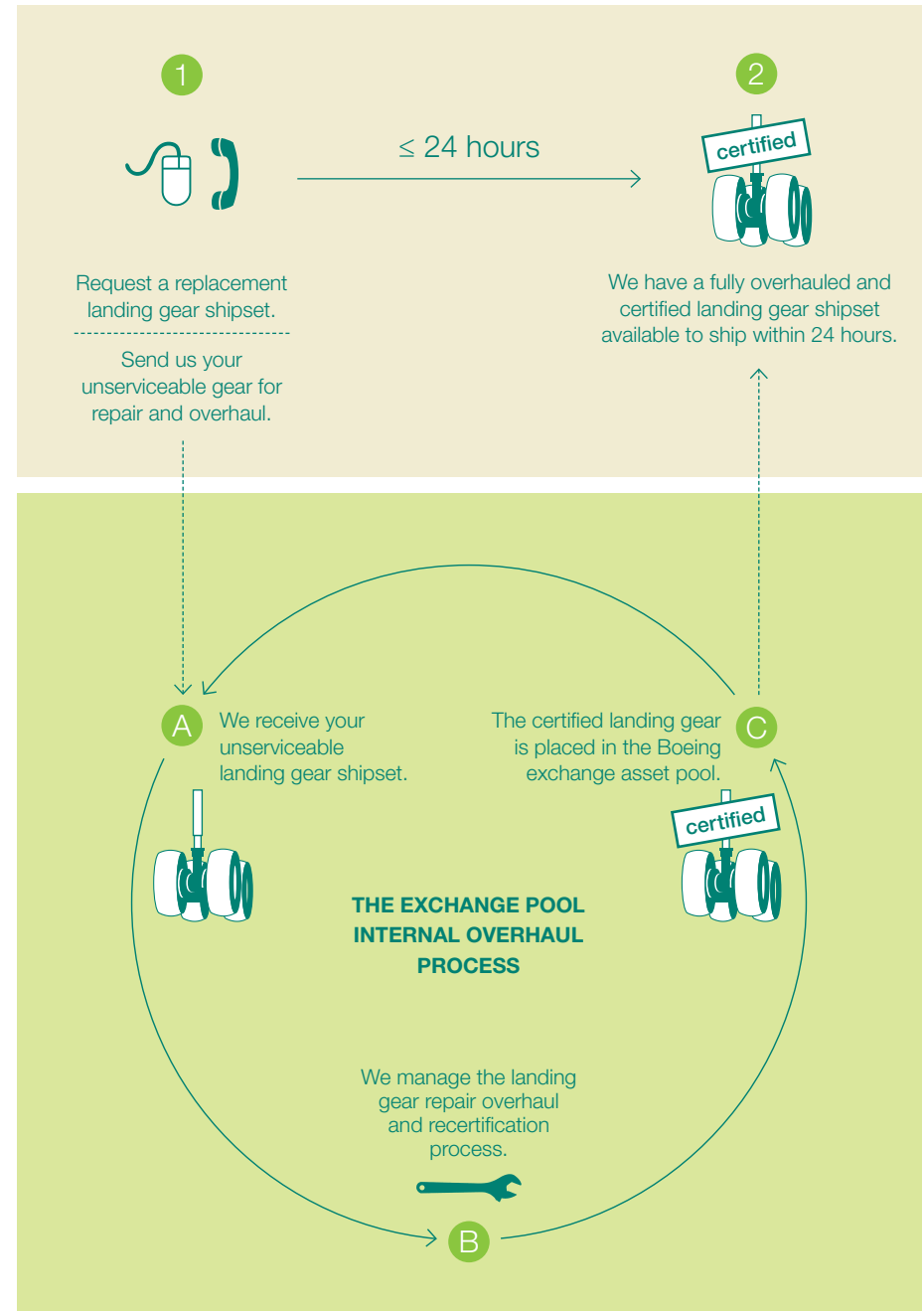
## Landing Gear Overhaul and Exchange

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Gears Change, Values Don't. Your Maintenance Priorities Will Always Be Ours.

AIRLINE OPERATIONAL CHALLENGE	LANDING GEAR PROGRAM SOLUTIONS
Avoid grounded airplane for lengthy landing gear overhauls	<ul style="list-style-type: none"> <li>Customer can exchange unserviceable landing gear for an overhauled, certified ready-to-install gear.</li> <li>Eliminates customer need to contract and schedule landing gear overhauls with the supplier. Customer aircraft can go right back into service.</li> </ul>
Financial performance	<ul style="list-style-type: none"> <li>Customers can reduce or eliminate capital expenditures for extra or leased gear to support their overhaul requirements.</li> <li>Minimizes upfront costs and spreads expenditures out over time.</li> </ul>
Configuration/data management	<ul style="list-style-type: none"> <li>Customers have access to Boeing expertise, data and OEM product knowledge.</li> <li>Includes overhaul and certification of landing gear and testing and recertification of electrical and hydraulics installations according to Component Maintenance Manuals.</li> <li>Landing gears are customized per customer configuration with applicable service bulletins incorporated and complete Back-to-Birth records.</li> </ul>
Improve aircraft operational performance	<ul style="list-style-type: none"> <li>Allows customer to focus on scheduled downtime (mods, etc.).</li> </ul>
Landing Gear Overhaul and Exchange program schedule commitments	<ul style="list-style-type: none"> <li>Boeing offers low-risk, reliable solutions with outstanding on-time delivery performance.</li> <li>Boeing manages all part, engineering and technical issues as well as any unforeseen issues that may arise during the overhaul process.</li> <li>Three-year warranty on all parts and labor.</li> </ul>

## How the Landing Gear Overhaul and Exchange Program Works





## Landing Gear Overhaul and Exchange

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### 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.

#### ■ Schedule Commitment

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

#### ■ Comprehensive Offering

Includes overhaul and certification of

landing gear, 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 to ensure you are operating the most up-to-date landing gear.

#### ■ Quality Assurance

Boeing Quality Management System, which includes a three-year warranty for all parts and labor.

#### ■ Experience

Leverages more than a decade of experience and hundreds of successful shipset overhauls and exchanges to ensure your landing gear exchange is done on time and to your specifications.

### Program Offerability

- 717-200
- 737 BBJ
- Next-Generation  
737-700/-800/-900/  
-900ER
- 747-400ER/-400F
- 757-300
- 767-300ER/-300F
- 777-200ER/-300
- 777-300ER/-200LR/F
- MD-11
- Other programs such as Landing Gear Rotable and Exchange program are under review



## The Boeing Edge

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### Material Services

#### Parts

- Genuine Boeing Parts
- Aviall—A Boeing Company
- Global Distribution Network

#### Parts Solutions

- Component Services
- Integrated Materials Management
- Landing Gear

#### Parts Support

- 24/7/365 Parts Support
- Boeing PART Page
- Service Ready Support

### Boeing Commercial Airplanes

Marketing

P.O. Box 3707

Seattle, WA 98124-2207

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

[www.newairplane.com](http://www.newairplane.com)

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