



737 MAX 10 WHEEL AND CARBON BRAKE SYSTEM

MAXIMUM DURABILITY, MINIMUM MAINTENANCE

Proven technology for reduced maintenance

With decades of experience, Collins Aerospace supplies state-of-the-art wheel and brake systems to airlines around the world. We stand ready to meet our customers' needs for maximum durability while minimizing the cost of operation.

Collins wheels and carbon brakes systems for the 737 MAX 10 use advanced technology that protects against common wear and tear. Our DURACARB® carbon offers customers significantly better wear performance compared to competing carbon materials, which extends brake life leading to less maintenance and lower overall operating costs. It also reduces spare provisioning costs.

In addition, our HTx® oxidation protection technology protects against thermal and catalytic oxidation and improves resistance to potentially damaging runway de-icer solutions.

The combination of these advanced technologies used to create our robust design extends the 737 MAX 10 wheel and brake system lifespan, resulting in significant cost savings for airlines.



KEY FEATURES

- Thermal and catalytic oxidation protection
- Durable and lightweight carbon technology
- Increased reparability
- Maximized wheel structure life
- Decreased maintenance costs

ADDITIONAL FEATURES AND BENEFITS

- DURACARB® carbon demonstrates superior brake life, resulting in lower:
 - On-wing maintenance costs
 - Brake shop maintenance costs
- Advanced brake torque plate coating system does not require removal and re-application at overhaul, resulting in reduced:
 - Maintenance costs
 - Overhaul times
 - Waste
- Wheel torque bar bushings installed in-factory decrease:
 - Overhaul times
 - Maintenance costs
- Inconel tie bolts resist corrosion
- Durable clip system protects against carbon damage
- Field-proven bearings are common to previous wheels



737 MAX 10

BRAKE SPECIFICATIONS

Part number	2-1792
Type	Carbon
Heat sink material	DURACARB
Number of rotors	5
Adjuster	Hydraulic
Oxidation protection system	HTx

MAIN WHEEL SPECIFICATIONS

Part number	3-1739
Tire type	Radial
Tire size	H44.5x16.5R21
Wheel type	Dual-web, bolted
Brake drive system	Removable torque bars

Specifications subject to change without notice.



Collins Aerospace

800.321.2223 | +1.937.339.3811

learnmore@collins.com

awb.sales@collins.com