



## Goodrich 737NG Wheel and Carbon Brake Boeing Next-Generation 737

The Goodrich 737NG wheel and brake system is designed to provide airlines with the lowest possible cost of operation. The weight savings and higher brake life associated with our advanced DURACARB® carbon technology provide airlines with significant cost savings compared to steel brakes. Several other innovative features are designed to maximize durability and minimize maintenance costs.



**UTC Aerospace Systems**

# Boeing Next-Generation 737 Wheel & Carbon Brake

## Benefits & Features of the 737NG Main Wheel and Carbon Brake

Weight savings up to 700 lbs (318 kg) per airplane compared to steel brakes

- Significant fuel cost reduction
- Reduced CO<sub>2</sub> emissions

Opportunity for reduced spares due to single wheel and brake compatibility on ALL Next-Generation 737 models (737-600, -700, -700ER, -700C, -700IGW, -800, -900, -900ER)

DURACARB® carbon brake offers significantly higher brake life compared to steel brakes (2x - 3x steel brake life)

- Lower on-wing maintenance costs
- Lower brake shop maintenance costs
- DURACARB® carbon material demonstrates superior brake life on other in-service aircraft compared to competing carbon materials

Easy to retrofit from steel brakes with Boeing Service Bulletin available at no cost

Higher energy absorption capability and faster cooling rates allow for shorter turnaround times (TAT)

Advanced brake torque plate coating system does not require removal and re-application, lowering maintenance costs, decreasing overhaul times, and reducing hazardous waste

Brake bolt lock plates eliminate the use of lockwire and reduce overhaul times

Wheel torque bar bushings installed in factory decreases overhaul times and maintenance costs

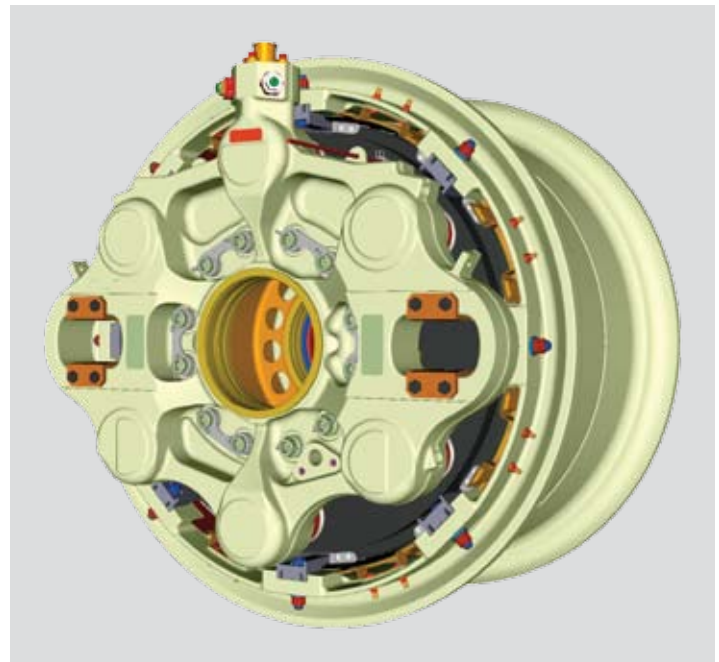
Generous wheel rework capability, which maximizes wheel life and decreases maintenance costs

## Brake Specifications

Part Number	2-1740-1
Type	Carbon
Number of Rotors	4
Adjuster	Dry Internal System

## Wheel Specifications

Part Number	3-1674
Tire Type	Bias, Radial
Tire Size	H43.5x16-21 H43.5x16.5-21 H44.5x16.5-21
Wheel Type	Single Web, Bolted
Brake Drive System	Removable Torque Bars



### For additional information:

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