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.
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 CO₂ 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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>2-1740-1</th>
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</thead>
<tbody>
<tr>
<td>Type</td>
<td>Carbon</td>
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<tr>
<td>Number of Rotors</td>
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<tr>
<td>Adjuster</td>
<td>Dry Internal System</td>
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Wheel Specifications

<table>
<thead>
<tr>
<th>Part Number</th>
<th>3-1674</th>
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<tbody>
<tr>
<td>Tire Type</td>
<td>Bias, Radial</td>
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<td>Tire Size</td>
<td>H43.5x16-21, H43.5x16.5-21, H44.5x16.5-21</td>
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<tr>
<td>Wheel Type</td>
<td>Single Web, Bolted</td>
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<tr>
<td>Brake Drive System</td>
<td>Removable Torque Bars</td>
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</tbody>
</table>

For additional information:
UTC Aerospace Systems
Wheels & Brakes
101 Waco Street
Troy, OH 45373
U.S.A.
Tel: +1 937 339 3811
www.utcaerospacesystems.com

Boeing 737NG Main Wheel and Carbon Brake

UTC Aerospace Systems

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