PRATT & WHITNEY GTF™ ENGINE FAST FACTS NOVEMBER 2020

10,000+ ORDERS & COMMITMENTS  80+ CUSTOMERS  5 PLATFORMS

OPERATION

875 AIRCRAFT

49 OPERATORS

270M+ PASSENGERS

PERFORMANCE

6.9M+ FLIGHT HOURS

1.9M+ FLIGHTS

EVERY 30 SEC. A GTF ENGINE TAKES OFF

BENEFITS

380M+ GALLONS OF FUEL SAVED

3.7M+ METRIC TONNES OF CO2 AVOIDED

UP TO 75% SMALLER NOISE FOOTPRINT

LATEST NEWS

Ameco Joins Pratt & Whitney GTF™ Global Network as First GTF MRO Shop in China [read more]
Pratt & Whitney Unveils Enhanced GTF Engine Website [read more]
Pratt & Whitney GTF MRO Network Expands to Support Growing Engine Fleet [read more]
Middle East Airlines Takes Delivery of First Airbus A320neo Family Aircraft Powered by Pratt & Whitney GTF™ Engines [read more]
China Express Takes Delivery of its First Airbus A320neo Aircraft Powered by Pratt & Whitney GTF™ Engines [read more]

EXPERIENCE THE GTF

Watch video at www.pwgtf.com/experience  Meet the family at www.pwgtf.com/family

NOVEMBER 2020
# Meet the Family

<table>
<thead>
<tr>
<th>Engine</th>
<th>Fan Diameter</th>
<th>Bypass Ratio</th>
<th>Thrust Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>PW1100G</td>
<td>56”</td>
<td>9:1</td>
<td>15K - 17K</td>
</tr>
<tr>
<td>PW1400G</td>
<td>56”</td>
<td>9:1</td>
<td>14K - 17K</td>
</tr>
<tr>
<td>PW1500G</td>
<td>73”</td>
<td>12:1</td>
<td>19K - 25K</td>
</tr>
<tr>
<td>PW1900G</td>
<td>73”</td>
<td>12:1</td>
<td>19K - 23K</td>
</tr>
<tr>
<td>PW1700G</td>
<td>81”</td>
<td>12:1</td>
<td>24K - 33K</td>
</tr>
<tr>
<td>PW1800G</td>
<td>81”</td>
<td>12:1</td>
<td>28K - 31K</td>
</tr>
</tbody>
</table>

## GTF MRO Network

- Pratt & Whitney West Palm Beach, Florida, USA
- Pratt & Whitney Columbus Engine Center, Georgia, USA
- Pratt & Whitney Line Maintenance Services, Texas, USA
- Delta TechOps, Georgia, USA
- MTU Aero Engines, Hannover, Germany
- Lufthansa Technik, Alzey, Germany
- Lufthansa Technik, Hamburg, Germany
- Engine Maintenance Europe Aero, Jasionka, Poland
- Air India Engineering Services Ltd, New Delhi, India (Opening TBD)
- AMECO Beijing, China (Opening TBD)
- Eagle Services Asia, Singapore
- IHI Aerospace, Mizuho, Japan
- Mitsubishi Heavy Industries Aero Engines Ltd, Komaki, Japan (Opening TBD)

November 2020