



GO BEYOND

PRATT & WHITNEY

GTF

GEARED TURBOFAN

COMMERCIAL ENGINES

PW1400G-JM

**POWERING THE
IRKUT MC-21**

A UNITED TECHNOLOGIES COMPANY



PW1400G-JM

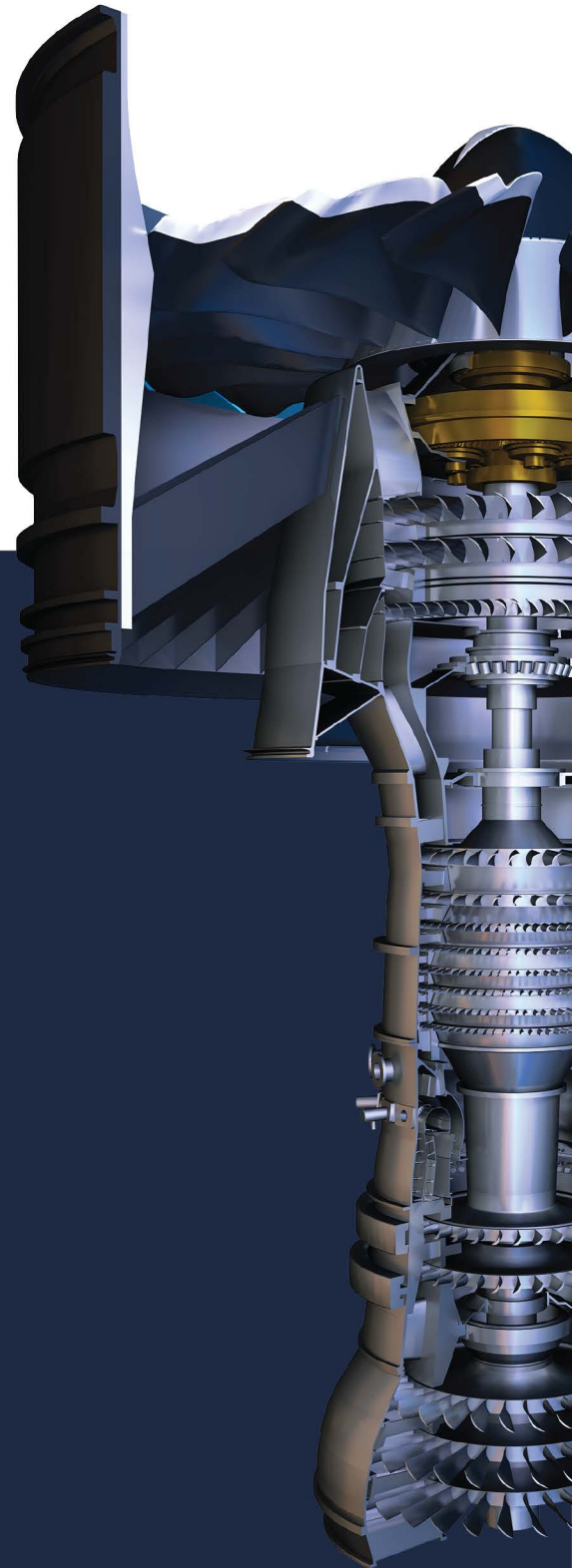
POWERING THE IRKUT MC-21

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The Pratt & Whitney GTF™ engine introduces a fundamental shift in jet engine technology. Pioneered by a proven geared architecture and over 40 ground breaking technologies, the Geared Turbofan engine delivers significant reductions in fuel burn, noise and regulated emissions. The GTF engine is changing the way we fly today, and tomorrow.

Fan Diameter **81”**
Bypass Ratio **12.5:1**
Pounds of Thrust **28-31K**
Weight **6,300 lb's**

Engine Certification Date **May 2016**
Entry Into Service Date **2021**



BENEFITS

Double Digit Reduction in Fuel Consumption
Up to 75% Reduction in Noise Footprint
Up to 50% Reduction in NOx Emissions

SPECIFICATIONS

| Model | Aircraft | Thrust (lb's) | | |
|------------|-----------|---------------|---|--|
| PW1428G-JM | MC-21-200 | 27,600 |  |  |
| PW1431G-JM | MC-21-300 | 30,040 |  |  |

CONTACT US

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