



**Pratt & Whitney**  
An **RTX** Business

PRATT & WHITNEY  
**GTF**

COMMERCIAL ENGINES

**PW1100G-JM**

**ADVANTAGE**

POWERING THE  
AIRBUS A320neo FAMILY

IMAGE © AIRBUS



PRATT & WHITNEY

**GTF**

&

PRATT & WHITNEY

**GTF**

ADVANTAGE

COMMERCIAL ENGINES

# PW1100G-JM Advantage

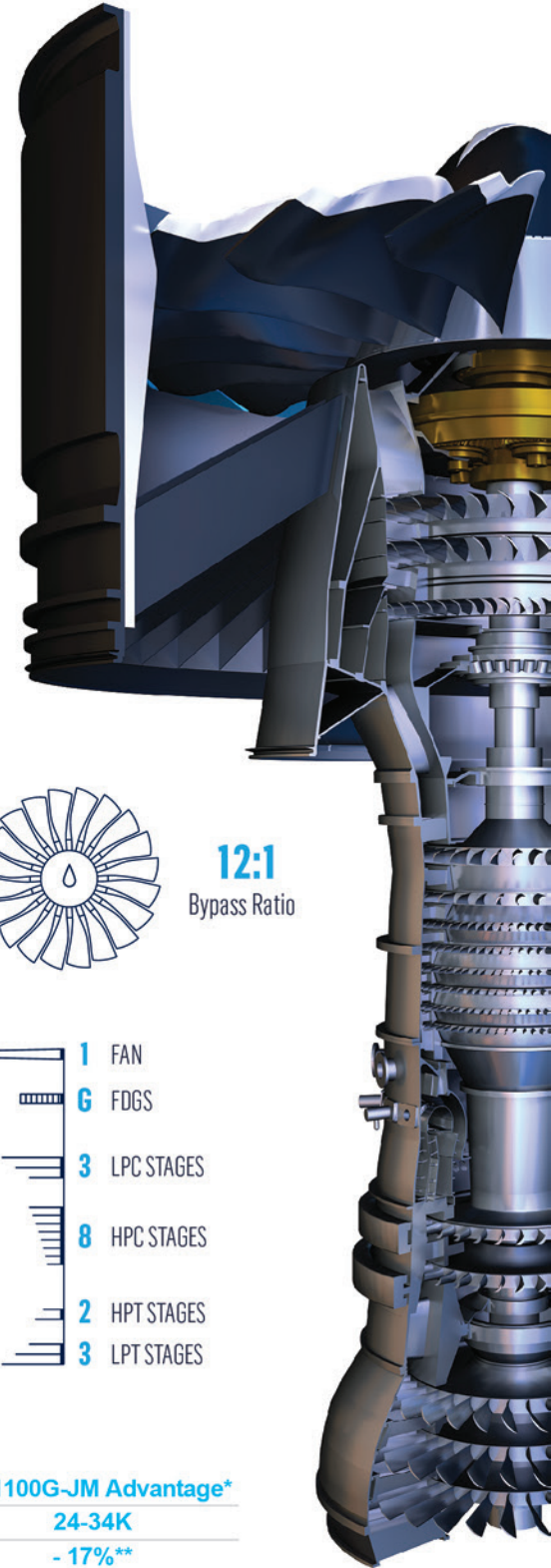
## POWERING THE AIRBUS A320neo FAMILY

The Pratt & Whitney GTF™ engine offers the greatest fuel efficiency and lowest greenhouse gas emissions for the Airbus A320neo family.

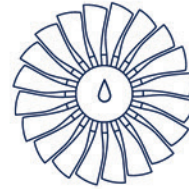
GTF-powered aircraft reduce fuel consumption and CO<sub>2</sub> emissions by 16% to 20%, NO<sub>x</sub> emissions up to 50% and noise footprint up to 75%.\* Certified for operation on 50% sustainable aviation fuel (SAF) and successfully tested on 100% SAF, GTF engines are ready to enable further reductions in carbon footprint, which will help the aviation industry meet its goal of net zero emissions by 2050.

The engine's revolutionary geared fan architecture is the foundation for even more efficient and sustainable propulsion technologies in the decades ahead, with advancements like the Pratt & Whitney GTF Advantage™ engine and beyond. Learn more at [prattwhitney.com/gtf](http://prattwhitney.com/gtf).

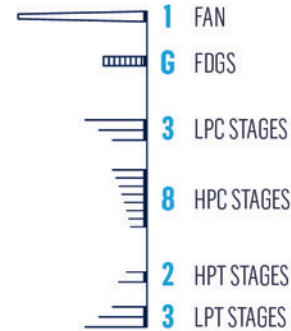
\*Reductions vs. prior-generation aircraft, based on 75 dB noise contour and ICAO CAEP/6 emissions regulations.



**81"**  
Fan Diameter



**12:1**  
Bypass Ratio



UP TO  
**20%**  
REDUCTION IN  
CO<sub>2</sub> EMISSIONS &  
FUEL CONSUMPTION



UP TO  
**75%**  
REDUCTION IN  
NOISE FOOTPRINT



UP TO  
**50%**  
REDUCTION IN  
NO<sub>x</sub> EMISSIONS

	PW1100G-JM	PW1100G-JM Advantage*
Pounds of Thrust	24-33K	24-34K
Fuel Consumption Benefit	- 16%	- 17%**

\* Interchangeable with current engines.

\*\* Up to 1% additional reduction in fuel consumption.

Information for the Advantage Program is based off of current estimates and is subject to change.

CONTACT US

[gtfengines@prattwhitney.com](mailto:gtfengines@prattwhitney.com)

[prattwhitney.com/gtf](http://prattwhitney.com/gtf)

© 2024 RTX Corporation, Pratt & Whitney Division

This document has been publicly released and is not subject to the EAR or ITAR.