



GO BEYOND

PRATT & WHITNEY

GTF

GEARED TURBOFAN

COMMERCIAL ENGINES

PW1700G

PW1900G

**POWERING THE
EMBRAER E-JETS E2**

A UNITED TECHNOLOGIES COMPANY



PW1900G

POWERING THE EMBRAER E-JETS 190-E2 & E195-E2

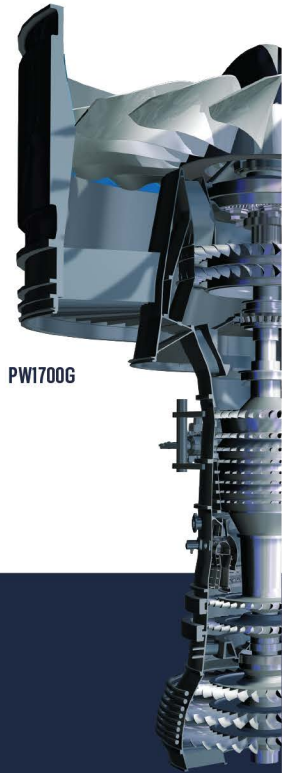
PW1700G

POWERING THE EMBRAER E-JETS 175-E2

PRATT & WHITNEY
GTF
GEARED TURBOFAN

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	73"	Fan Diameter	56"
Bypass Ratio	12.5:1	Bypass Ratio	9:1
Pounds of Thrust	19K-23K	Pounds of Thrust	14K-17K
Weight	4,800 lb's	Weight	3,800 lb's
Engine Certification Date	Apr. 2017	Engine Certification Date	Mid 2020
Entry Into Service Date	Apr. 2018	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)		
PW1919G	Embraer E190-E2	20,860		
PW1922G	Embraer E190-E2	23,815		
PW1921G	Embraer E195-E2	22,550		
PW1923G-A	Embraer E195-E2	23,815		



CONTACT US

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