



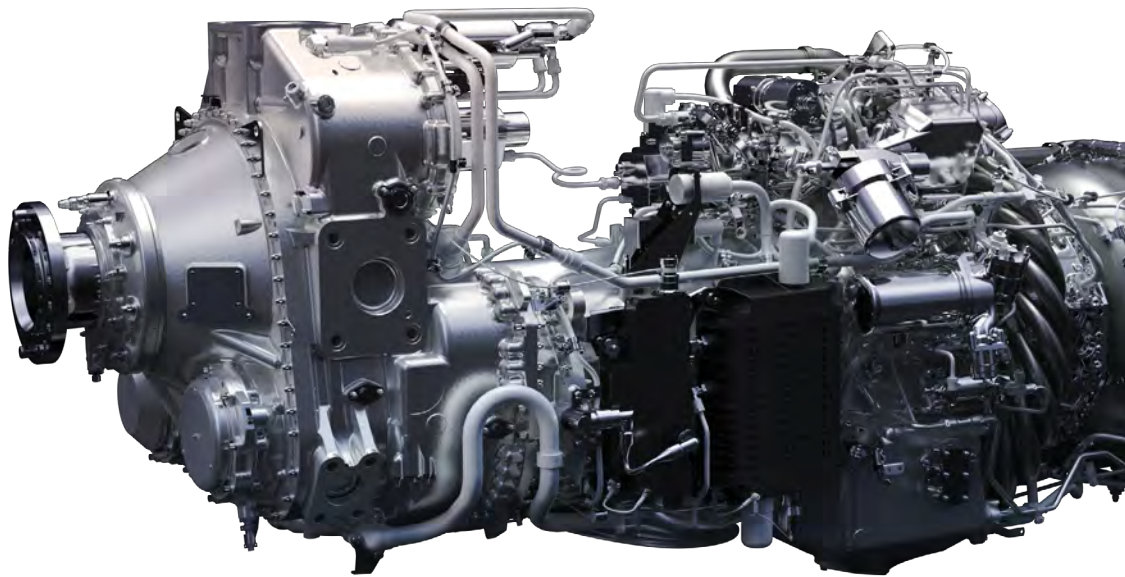
GO BEYOND

XT

PW127XT

# INTRODUCING THE PW127XT ENGINE SERIES

SETTING THE NEW STANDARD  
FOR OPERATING ECONOMICS  
AND SUSTAINABILITY  
FOR REGIONAL AVIATION



# XTRAORDINARY TURBOPROPS

**P&WC turboprop engines power regional aircraft operating around the world today:**

- Fulfilling missions that connect people and families.
- Providing global communities with new business opportunities through the convenience of commercial flight.
- Accessing regions of the world in all conditions and through a wide array of airports (including short runways and airports with steep approaches).

**Regional turboprops using our PW100 engines are built for sustainable operation:**

- Utilizing inherent design propulsion efficiencies to burn less fuel with optimized speed over shorter sector lengths.
- Consuming up to 40% less fuel, amounting to a similar proportion of CO2 savings, compared to regional jets for the missions we power.
- Providing a greener future through sustainable aviation fuels (SAFs).

## THE PW127XT ENGINE SERIES

### STEP CHANGE IN AIRLINE ECONOMICS AND SUSTAINABILITY

**PW127XT-M: PURPOSE-BUILT TO DELIVER WORLD-CLASS RELIABILITY AND INCREASED VALUE FOR ATR 72/42 AIRCRAFT**

**40%** EXTENDED TIME ON WING,  
BRINGING ENGINE OVERHAUL  
TO 20,000 HOURS\*

**20%** REDUCTION IN MAINTENANCE  
COSTS; ONLY TWO SCHEDULED  
ENGINE EVENTS IN 10 YEARS

**3%** IMPROVEMENT IN FUEL EFFICIENCY  
FROM TECHNOLOGY INJECTION

\*Based on 60-minute mission in benign environment, compared to 14,000 hours.

**X**  
TENDED  
TIME-ON-WING

INTRODUCING THE PW127XT ENGINE SERIES

# PURPOSE-BUILT FOR THE MISSION

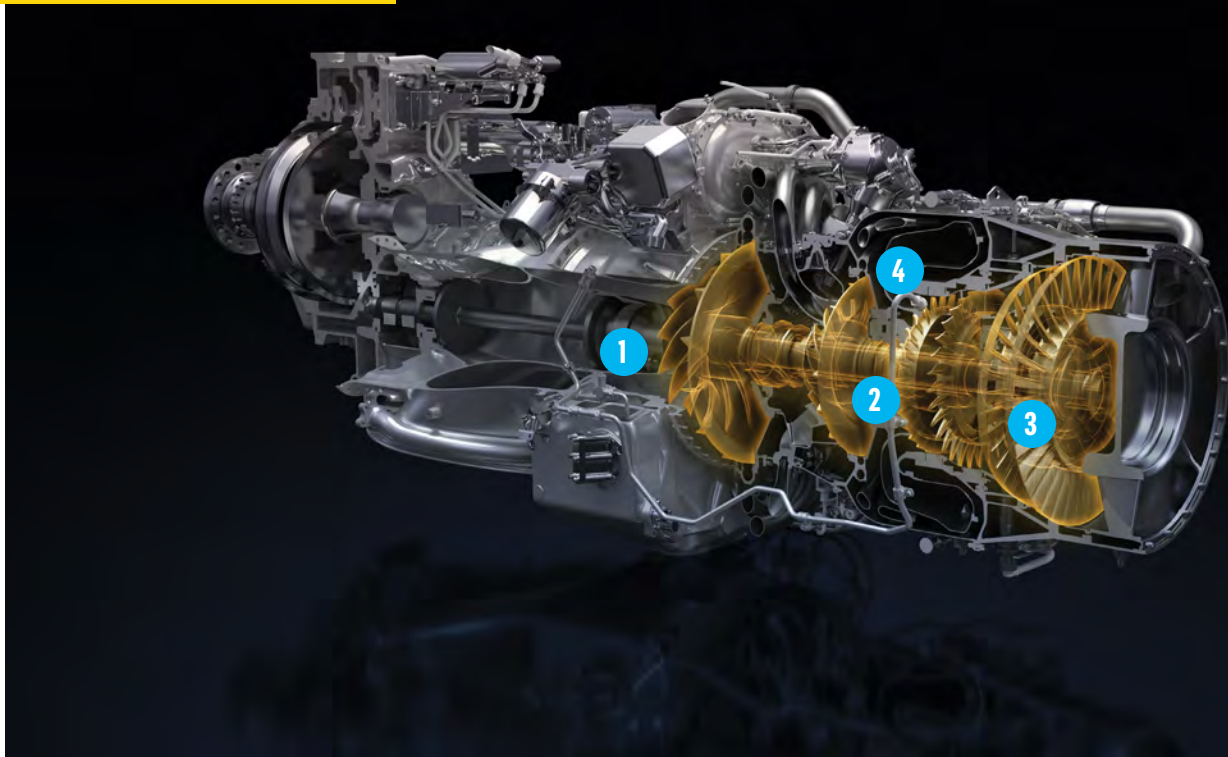
## THE LATEST MATERIALS AND TECHNOLOGIES DELIVERING NEXT LEVEL EFFICIENCY AND TIME ON WING

### REDUCED TURBINE OPERATING TEMPERATURE AND DESIGN CHANGES FOR **EXTRA** DURABILITY

- 1 Increased capacity **low-pressure compressor** and high efficiency **high-pressure compressor**
- 2 New **high-pressure turbine module** for neXT level efficiency and durability
- 3 Enhanced efficiency **power turbine module**
- 4 A new **gas-generator case** reflecting our latest design best practices with improved oil distribution system

**THE PW127XT-M:  
THE NEW BENCHMARK  
FOR THE ATR 72 / 42\***

### STEP CHANGE IN COMPRESSOR AND HIGH-PRESSURE TURBINE MODULES ROTATING COMPONENTS CYCLIC LIVES



\* PW127XT-N also available

INTRODUCING THE PW127XT ENGINE SERIES

INNOVATION

XT



SUPPORT

F

# ENHANCING YOUR SERVICE EXPERIENCE

## INNOVATIVE TAILORED SOLUTIONS FOR THE PW127XT

### LEADER IN CUSTOMER SUPPORT WITH 40+ YEARS SERVING REGIONAL AIRLINES

Dedicated rapid global teams to optimize on-wing support and maintenance, and to manage fleet transitions and upgrades. Available 24/7/365 to keep you flying efficiently and reliably.

### A SOLUTION FOR EVERY OPERATOR

New customized programs for all fleet sizes and game-changing solutions for lessors.

### INDUSTRY LEADING FLEET MANAGEMENT™ PROGRAM (FMP™)

Maximize your engine's full potential through P&WC's expertise. Optimized operating cost for every environment, mission, fleet size, and experience level for ultimate peace of mind.

### ENGINE CONNECTIVITY SERVICES

Our turnkey and fully wireless advanced engine prognostic and diagnostic FAST™ system ensures you extract the most value from your assets. Discover innovative engine diagnostics and prognostics exclusive for FMP operators.



INTRODUCING THE PW127XT ENGINE SERIES

# POWERING SUSTAINABLE AVIATION

## BEING THE BEST AVIATION COMPANY IN AND FOR THE WORLD

- Making our current products environmentally best-in-class
- Lowering operating carbon footprint with reduced CO<sub>2</sub> emissions and fuel burn
- Constantly expanding the use of sustainable aviation fuels (SAFs) with the objective to achieve 100% sustainable aviation fuel
- Driving socially responsible options through our carbon offset program
- Widening our focus on next-generation technologies such as hybrid-electric propulsion

SUSTAINABILITY

XT

INTRODUCING THE PW127XT ENGINE SERIES

# P&WC REGIONAL TURBOPROPS BY THE NUMBERS

BACKED BY 2.5 BILLION  
PRATT & WHITNEY FLYING HOURS



**+ 10,000** ENGINES  
PRODUCED

**31** CERTIFIED  
ENGINE MODELS

**+ 3,300** AIRCRAFT  
FLYING

**+ 210 M** FLYING  
HOURS

**+ 530** OPERATORS

**+ 150** COUNTRIES



Popular ATR 72 aircraft powered by PW127E/F/M/N and now XT



#### CONTACT

US & CAN.: +1-800-268-8000

INTL.: +9000-268-8000

LEARN MORE AT [PWC.CA](http://PWC.CA)



GO BEYOND

INTRODUCING THE PW127XT ENGINE SERIES