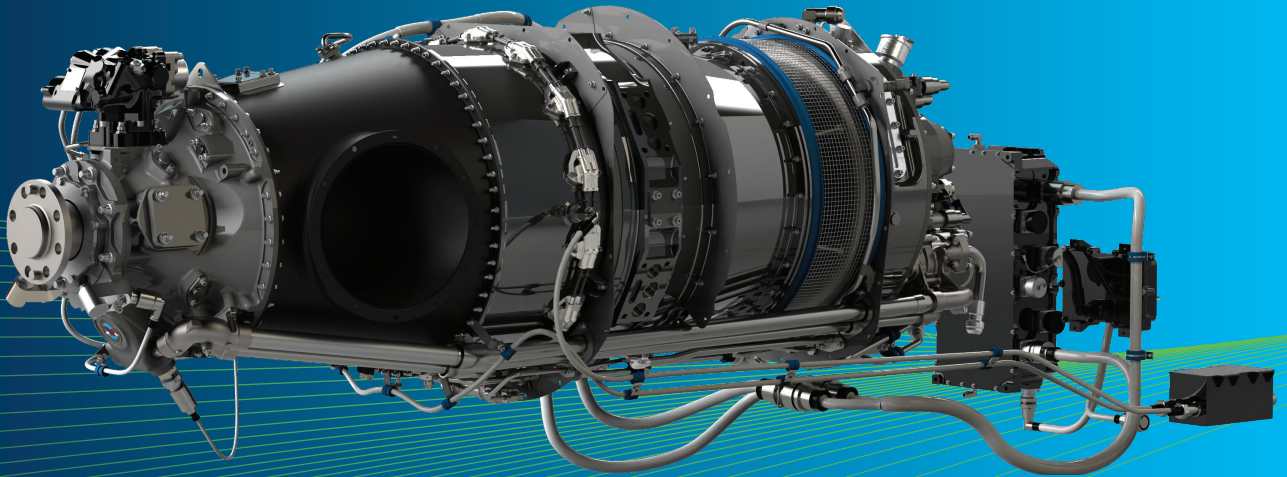




GO BEYOND

PT6E-66XT

ENGINE FOR THE DAHER TBM 960



SIMPLE. SMART.
UNRIVALED.

Precise and consistent performance at every altitude, every temperature, on every flight. Feel the true digital experience knowing your engine provides the right performance at the right time by optimizing the power over your entire flight.

PT6
E-SERIES

PT6

E - S E R I E S

The PT6 E-Series™ is the first engine family with a dual-channel integrated electronic propeller and engine control system in the General Aviation turboprop market.

With digital intelligence at its heart, the PT6E-66XT engine offers the optimal combination of precision, performance and efficiency for an elevated flying experience.

DIGITAL INTELLIGENCE

The intelligence behind the PT6E-66XT engine optimizes engine power, speed and fuel burn.

- 100+ smart data inputs
- Full-flight engine data accessible on multiple platforms including mobile devices

SIMPLIFIED PILOT EXPERIENCE

The dual-channel Electronic Propeller and Engine Control System (EPECS) is a key element of the PT6 E-Series™ engine family. From engine start to shutdown, the PT6E-66XT engine offers an enhanced and simplified pilot experience.

- Auto engine start/stop
- Simplified single lever operation
- Full digital envelope protection
- Precise and predictable engine control
- More engine power and quieter operation with lower propeller RPM

PROVEN ENGINE PERFORMANCE

Your PT6E-66XT engine is powered by the PT6 DNA of reliability. In addition to the dual-channel EPECS, the PT6E-66XT engine offers a number of advanced technologies and features, including:

- Latest-generation Single Crystal Compressor Turbine (CT) blades
- Optimized turbine cooling
- 100% torque available at take-off power
- Increased engine take-off and climb power (+45 SHP Mechanical horsepower*)
- Increased engine Thermodynamic power during cruise (up to 4%*)
- More engine power and quieter operation with lower propeller RPM
- Eco-conscious power management

PT6E-66XT ENGINE MODEL

OPERATING CONDITION	THERMODYNAMIC ESHP	MAXIMUM SHP
TAKE-OFF	1844	895
MAX CLIMB	1844	895
CRUISE	1844	895

*At sea level — compared to the PT6A-66D engine; at International Standard Atmosphere conditions.

SMARTER TECHNOLOGY FOR ECO-CONSCIOUS CHOICES AND AN ENRICHED OWNERSHIP EXPERIENCE

The PT6 E-Series™ engine family is a milestone in our journey toward reaching greater operating efficiencies and sustainability.

MORE FLYING TIME

Improved design features and digital capabilities of the PT6E-66XT engine increase the time on wing of your engine, so you can enjoy more flying time. An easy engine to maintain just got even easier.

- 43% longer time between overhaul intervals: 5,000 hours
- 40% reduction line maintenance
- 50% engine minor interval increase: 300 hours
- Flexible on-condition HSI

SUSTAINABLE ENGINE LIFE-CYCLE

- Cleaner fuel: Certified to operate using Sustainable Aviation Fuels (SAF)
- Improved durability:
 - Traditional lip engine seals exchanged for magnetic seals
 - New air system reduces air temperature in the power turbine
- New ecology system: Recovery of all unburnt fuel at engine shutdown



KNOW MY PT6 APP

Your one-stop access to maintenance and support information.



Scan to download

LEARN MORE AT [PWC.CA/PT6E-66XT](https://www.pwc.ca/pt6e-66xt)