

TPE331 Turboprop Engine

Possibilities of Performance. *Made Easy.*

Advanced Performance



Outstanding Power

- Exceptional horsepower response
- Quicker throttle response for shorter takeoffs
- Faster climb and cruising speed
- Excellent power-to-weight ratio



Best-in-Class Fuel Economy

- Reduced fuel burn
- Improved fuel efficiency
- Larger operating range



Reduced Maintenance

- Higher reliability
- Longer maintenance intervals
- Lower overall operating costs

Fly fast and save fuel with Honeywell’s TPE331 single-shaft turboprop engine. Designed to add capability, increase reliability and lower the cost of ownership for your aircraft, select the engine that provides proven performance and value – the Honeywell TPE331.

Proven Expertise



Dedicated Service

- Extensive small gas turbine engine design and support
- 13,700+ engines delivered
- 18 unique engine models with 106 configurations



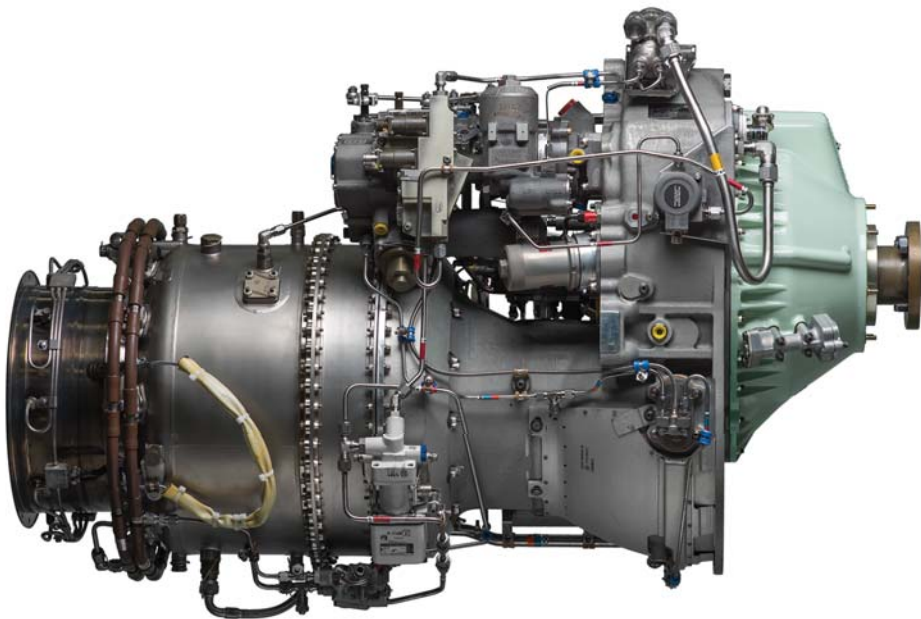
Demonstrated Reliability

- Extensive operational history
- 125 million+ hours of flight operation
- Proven performance in demanding conditions



Delivered Value

- Low cost of ownership
- Improved engine efficiency
- Safer and more reliable flight operation



Engine Specifications

	TPE331-1	TPE331-2	TPE331-3	TPE331-5	TPE331-6	TPE331-8	TPE331-10	TPE331-11	TPE331-12	TPE331-14
Thermodynamic Shaft Horsepower	665	715	840	840	840	865	1020	1020	1160	1645-1920
Flat Rate Torque Take Off	665	715	840	776	750	715	940	1000	1100	1650
Augmented* 5 Min Rating			940					1100		
Auxiliary Power Rating							940 ¹		1100 ²	1650 ^{3,4}
Hot Section	1800	1800	1800	1800	1800	1500/4500	2500/3500**	2500/3500**	2500/3500**	4500
Hot Section and Gearbox	3600	3600	3600	3600	3600	3000				
Overhaul Hours	5400	5400	5400	5400	5400	6000	5000/7000**	5000/7000**	5000/7000**	9000

* Refers to water-methanol injection for a hot day power boost
** Commerical operators only

1 TPE331-10R APR rating provides 940 shp out to a 28C day at sea level
2 TPE331-12UAR APR rating provides 1100 shp out to a 23C day
3 TPE331-14GR/HR APR rating provides 1650 shp out to a 37C day at sea level
4 TPE331-14GR/HR engine with Augmentation (water methanol injection) provides 1650 shp out to a 53C day at sea level