

Dornier 228 TPE331-10 Conversion



A new dimension in durability, performance, reliability and economy for Dornier 228 operators

Honeywell

Using updated engine technology, the TPE331-10 conversion increases climb and cruise performance, durability, reliability and lowers your cost of ownership.

Conversion Programs

Engine Was	Becomes	Aircraft Models
TPE331-5	TPE331-10T	Dornier 228
TPE331-5A	TPE331-10GT	Dornier 228
TPE331-5AB	TPE331-10GP	Dornier 228
TPE331-5B	TPE331-10P	Dornier 228

Program Benefits

- Climb power to 13,000 ft vs. 6,000 ft
- Proven lower cost of ownership
- Aluminum gearboxes available at reduce prices during conversion

Engine Specification Comparison	TPE331-5	TPE331-10T/P/GT/GP
Thermodynamic Shaft HP:	840 Min.	1,000 Min.
Flat Rate Torque To:	6,000 ft	13,000 ft



Engine Conversion Options

Option 1: Overhaul and modification

This option best suits those operators nearing overhaul expiration on the -5 engine. However, it may be accomplished at any point in the engine's life with resultant overhaul service bulletin modification standards and warranty benefits.



Option 2: Engine continued time modification

This option makes Dash 10 engine performance available without waiting for the -5 engine to reach its scheduled overhaul interval.

Engine Maintenance Interval Comparison

	TPE331-5		TPE331-10	
	REGIONAL	EXECUTIVE	REGIONAL	EXECUTIVE
Hot section	3000 hrs	1800 hrs	3500 hrs	2500 hrs
Hot section & Gearbox	3000 hrs	3600 hrs	—	—
Overhaul	6000 hrs	5400 hrs	7000 hrs	5000 hrs

Warranties

Overhaul*

Twenty-four months from date of shipment or 12 months from date of initial operation whichever occurs first for defects in material and workmanship. Additionally, the turbine section will be covered for 24 months from date of initial operation.

Repair/continued time*

Twelve months from date of initial operation on power section and gearbox for defects in material and workmanship. Thirty days from date of initial operation on line replacement items. Additionally, the turbine section will be covered for 24 months from date of initial operation.

*Refer to Honeywell Engines Warranties for details as applicable.

Engine

- High Technology Cooled Turbine Components
- ITT Replaced by EGT
- Factory Certified Engines and Maintenance Documents
- Competitive Maintenance Intervals
- Improved Thermodynamics

Economics

- Reduced Hot Section Costs
- 2 Year Warranty on Turbine Components
- Factory Warranty
- Increased Aircraft Value

Maintenance

- Increased Maintenance Intervals
- U.S.FAA German LBA and French DGCA Approved Aircraft STC
- Reduced Fuel Nozzle Maintenance Costs

Service and Support

- Global Engine Service
- Dornier Service Bulletin SB 228-224 For Aircraft Modification



**Modification Facilities Global
Support Network for Honeywell
TPE331 Engines**

Any authorized Honeywell service center or any line maintenance facility working to the Fairchild/Dornier service bulletin SB-228-224 can perform the aircraft modifications. All engine modifications will be performed at Landmark Aviation under a Honeywell licensing agreement.

For details and scheduling contact:

Any authorized Honeywell TPE331 facility. Aircraft modification kits can be procured from Landmark Aviation
Springfield, Illinois

Attention: Doug Clarke

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Find out more

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