

Dornier 328 TP



FAST YET QUIET AND ECONOMICAL

The Dornier 328 series is certified in 85 countries all around the world, and is in use in many countries including United States, Switzerland, Germany, United Kingdom, Denmark, Nigeria and Australia to name a few. The aircraft is fitted with the latest generation technology flight deck, allowing operators to have features such as synthetic vision systems and integrated electronic flight bag including charts and maps. The maximum range of the standard Turboprop aircraft is 1,850 nautical miles (3,400 km) with a typical operational range of around 800 nautical miles (1,500 km). With a maximal flying speed of 335 knots, the Dornier 328 Turboprop is one of the fastest yet most economical turboprop aircraft within the regional and special mission markets, allowing a significant time-saving between two flights or missions with an even lower cost of operation.

ULTIMATE VERSATILITY

Its unique versatility and recognition by major operators all around the world, makes it one of the best regional aircraft to fly with. Originally fitted with 32 seats, the Dornier 328 regional aircraft is ideal for short haul and regional journey operated by regional carriers. Its uniqueness rests in being able to fulfil any type of missions' requirements such as air ambulance, cargo, Search & Rescue or troop transport for instance.

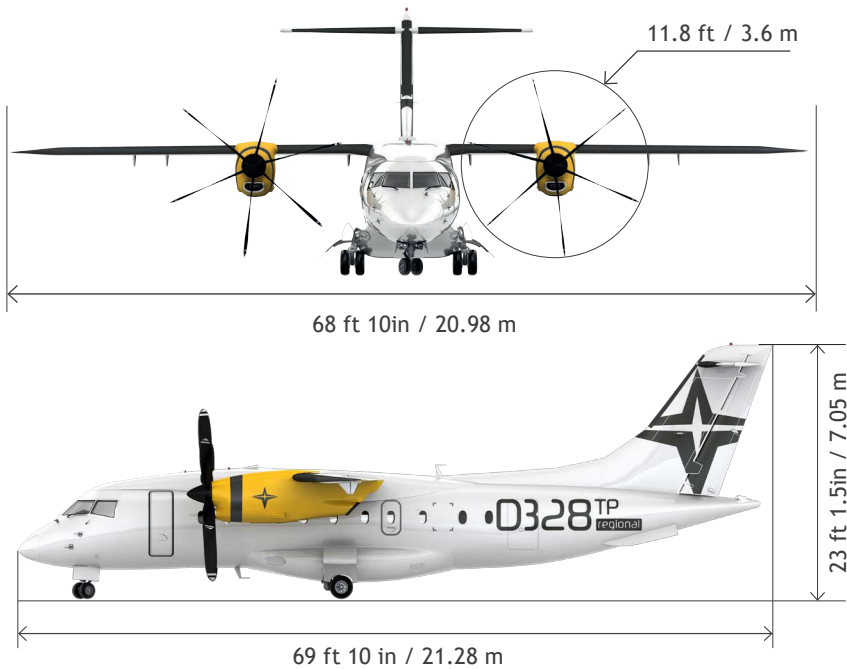
OUTSTANDING FIELD PERFORMANCE

The Dornier 328 allows easy operation even from the shortest runways. Not many aircraft are capable to land and take off everywhere. Its unique ability rests in being able to go (almost!) everywhere, operating from grass, gravel or even snow, in hot and high condition from the hot Arabic desert to the Himalayan mountain chains if this is where your mission brings you. Being the category's leader in field performance further increases the portfolio of airport accessible by the Dornier 328 aircraft.

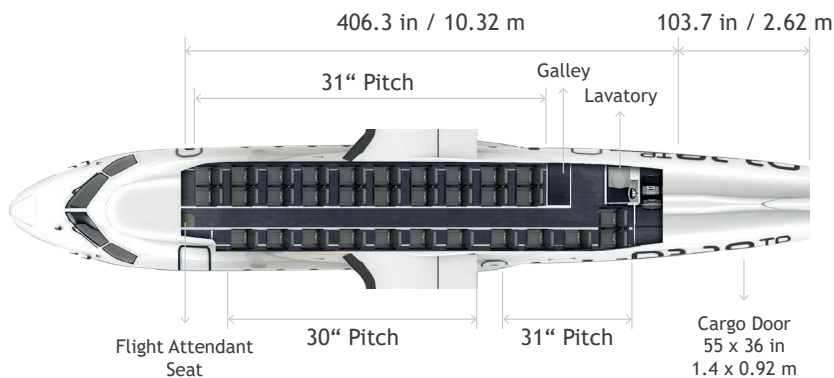
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Dimensions



Interior Layout



Aircraft Specifications

Basic Configuration

Airline Transport Aircraft, alternatively: Corporate/Executive, Special Mission, 32 Passengers, 2 Pilots, 1 Flight Attendant, & Baggage Compartment class C/D, Operating Empty Weight is subject to equipment installed

Interior

32 seats standard, other configurations available as required
Galley/Refreshment Center, Aft Lavatory, Wardrobes

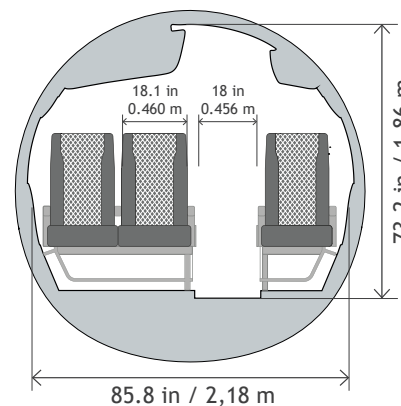
Avionics

Honeywell primus 2000

Optional Equipment

Allied-Signal GTCP 36-150 APU, Ground Spoilers
5% Engine Thermodynamic Power Increase (PW 119C)
RVSM Compliance, Steep Approach Supplement
GPS with Non Precision Approach, Primus 880 Weather Radar, HF, CAT II Approach
2nd Radar Altimeter, 2nd Mode S Transponder
Enhanced Ground Proximity Warning System (EGPWS) with Wind Shear Detection & Guidance, Gravel Kit

Interior Layout



Technical Details

Seating

Passenger Capacity	32 (standard)
Cabin Volume	1,183 ft ³ - 33.5 m ³
Cabin Floor Area	203 ft ² - 18.9 m ²
Baggage Compartment Volume	229 ft ³ - 6.5 m ³
Max. Baggage Compartment Load	1,653 lb - 750 Kg

Powerplant

Engine Manufacturer/Model	PW 119 C
Max. Takeoff Power	2,180 SHP @ 1,300 RPM
Propeller	Hartzell / 6 blades

Weights

Maximum Ramp Weight	31,019 lb - 14,070 Kg
Maximum Takeoff Weight	30,843 lb - 13,990 Kg
Maximum Landing Weight	29,167 lb - 13,230 Kg
Maximum Zero Fuel Weight	27,800 lb - 12,610 Kg
Operating Empty Weight (Typical)	19,557 lb - 8,871 Kg
Fuel Capacity	7,531 lb - 3,416 Kg
Maximum Payload	8,243 lb - 3,739 Kg

Performance (ISA, SEA, LEVEL, No winds)

Maximum Operating Altitude	31,000 ft - 9,449 m
Takeoff Field Length - MTOW	3,570 ft - 1,088 m
Landing Distance, unfactored - MLW	2,115 ft - 645 m
Rate of Climb - MTOW	2,060 ft/min - 628 m/min
Maximum Cruise Speed - 95% MTOW	335 KTAS

Range (ISA, no wind, EASA OPS reserves)

