



THE VERSATILE MULTIROLE AIRCRAFT

Introducing the **Do228 NXT** - the next generation of the Dornier 228 - the most reliable and versatile aircraft in its class, embodying years of aviation expertise and customer-driven innovation. Building upon the success of its predecessor, which has been successfully deployed in various missions for decades, the Do228 NXT ensures seamless operations and unmatched performance. This aircraft can be used for surveillance and reconnaissance missions, passenger and cargo transport, paratrooper deployment and MedEvac - making it the perfect choice for a wide range of applications. Experience the future of aviation with the new Do228 NXT where reliability, efficiency, versatility and innovation converge.

BEST PERFORMANCE IN ITS CLASS

- ✓ Certified single and dual pilot operation
- ✓ Certified short take-off and landing capability (STOL)
- ✓ Suited for almost all runways
- ✓ Certified for flight into known icing conditions
- ✓ Flexible interior configurations (pax, cargo, special mission, paratrooper, MedEvac)
- ✓ Passenger door with integrated stairs, convertible into large cargo door

MISSION VERSATILITY



Border Control

Long mission endurance and high-tech sensor options



Environmental Monitoring

Various sensor setups, long operating time and different flight speeds



Research Platform

Straightforward sensor integration due to rectangular unpressurized cabin



MedEvac Flights

Reliable operation for patients and medical supplies



Extreme Climates

Certified for extreme climates (like arctic climate) and proven in hot and high operation



Passenger Transport

Up to 19 passengers, can reach many locations thanks to STOL capability



Cargo Transport

Up to 2,155 kg cargo payload capability with easy loading and unloading



Maritime Surveillance

Low level flying with proven performance in salty environments



Paratrooper Deployment

Transport and deployment of 21 paratroopers with large cabin and roller door



Unpaved Runways

Able to reach remote areas thanks to STOL capability and gravel protection



AIRCRAFT CHARACTERISTICS AND DATA

PERFORMANCE

Takeoff Distance to 35 ft ¹	2,606 ft (794 m)
Landing Distance from 50 ft ²	1,473 ft (449 m)
STOL Takeoff Distance to 50 ft ³	1,460 ft (445 m)
STOL Landing Distance from 30 ft ⁴	1,189 ft (362 m)
Max. Cruise Speed	240 KTAS at ISA, 10,000 ft

Max. Useful Load	5,952 lb (2,700 kg)
Max. Range (Max. Fuel + Typical Payload 500kg) ⁵	1,340 NM (2,482 km)
Max. Range @ Max. Payload ⁵	160 NM (296 km)
Max. Operating Altitude	25,000 ft (7,620 m)
Max. TOW (Takeoff Weight) (Standard)	14,110 lb (6,400 kg)
(Optional civil)	14,500 lb (6,575 kg)
(Optional military)	14,550 lb (6,600 kg)

DIMENSIONS

Height	15 ft 11 in (4.86 m)
Length	54 ft 4 in (16.56 m)
Wing Span	55 ft 8 in (16.97 m)

ENGINES

Manufacturer	Honeywell
Model	2x TPE331-10 engine with MTV-27 propellers
Power Output	579 kW (776 SHP) each (flat) rated power

¹ MTOW (14,110 lb), ISA, Sea Level, Paved Dry Runway, 0 kts Wind, 0% Slope, Flaps 1, Engine Failure at V1

² MLW (13,450 lb), ISA, Sea Level, Paved Dry Runway, 0 kts Wind, 0% Slope, Flaps DN, Unfactorized Data

³ MTOW STOL (12,570 lb), ISA, Sea Level, Paved Dry Runway, 0 kts Wind, 0% Slope, Flaps 2, Unfactorized Data

⁴ MLW STOL (12,570 lb), ISA, Sea Level, Paved Dry Runway, 0 kts Wind, 0% Slope, Flaps 2, Unfactorized Data

⁵ MTOW (12,110 lb), ISA, FL100, 0 kts Wind, Best Range Speed, Cargo Layout incl. 2 Pilots each 187 lb, NBAA IFR Reserves (100 NM alternate)

AVIONICS

- ✓ Fully integrated Universal® EFI-890R avionics suite with four displays
- ✓ Autopilot, flight management system with RNP and LPV approach capabilities (dual SBAS/ WAAS GPS), dual AHRS, dual ADC, ground proximity warning system, TCAS II, weather radar and more

OPTIONS & MISSION EQUIPMENT

- ✓ TACAN, V/UHF, HF, CVR, FDR, satellite communication, marine radio, SAR DF and more
- ✓ Roller door, bubble windows, wing station hardpoints, wet wing option, lavatory compartment, additional electrical heater for polar operation, fuel dump, logo lights and more
- ✓ Video stream to MFD for mission operation
- ✓ Customized provisions for mission systems or full integration
- ✓ Ergonomic mission operator consoles

Do228 NXT:
Scan here for
more details

