



## 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 on 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 special missions, passenger transport, paratrooper, MedEvac and cargo transport, making it the perfect choice for a wide range of applications.

Experience the future of aviation with the Do228 NXT, where reliability, versatility and innovation converge.

## BEST PERFORMANCE IN ITS CLASS

- ✓ Certified Single and Dual Pilot Operation
- ✓ Certified Short Take-Off and Landing Capability (STOL)
- ✓ Unpaved runway operation
- ✓ Certified for flight into known icing conditions
- ✓ Flexible interior configurations (Pax, Cargo, Special Mission, Paratrooper)
- ✓ Passenger door with integrated stairs, convertible into large cargo door

## MISSION VERSATILITY

	<b>Border Patrol</b> Long mission endurance and hightech sensor options		<b>Passenger Transport</b> Up to 19 passengers, can reach many locations thanks to STOL capability
	<b>Environmental Monitoring</b> Various sensor setups and long mission endurance		<b>Cargo Transport</b> 2.000+ kg cargo payload capability with easy loading and unloading
	<b>Research Platform</b> Flexible configuration and quick equipment changes		<b>Coast Guard Operations</b> Long mission endurance and hightech sensor options
	<b>MedEvac Flights</b> Reliable operation for patients and medical supplies		<b>Paratrooper Deployment</b> Transport and deployment of 21 paratroopers with large cabin and roller door
	<b>Operation in Extreme Climates</b> Certified for extreme climates (like arctic climate) and proven in operation		<b>Unpaved Runways</b> Able to reach remote areas thanks to STOL capability and gravel protection



## AIRCRAFT CHARACTERISTICS AND DATA

### PERFORMANCE

Takeoff distance to 35 ft <sup>1</sup>	790 m	Maximum useful load	2675 kg
Landing distance from 50 ft <sup>2</sup>	450 m	Maximum range (max fuel + typical payload 500kg) <sup>3</sup>	1295 NM
STOL takeoff distance to 35 ft <sup>1</sup>	445 m	Maximum range @ Maximum payload <sup>3</sup>	250 NM
STOL landing distance from 30 ft <sup>1</sup>	350 m	Maximum operating altitude	25000 ft
Maximum cruise speed	240 KTAS at ISA, 10000ft	Maximum TOW (take-off-weight)	6400 kg / 6675 kg (optinal)

### DIMENSIONS

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

### POWERPLANT

Manufacturer	Honeywell
Model	2x TE331-10 engine with MTV-27 propellers
Power output	579 kW (776 SHP) ea (flat) rated power

<sup>1</sup> MTOM, ISA, Sea Level, paved dry runway, 0 Wind, 0 Slope, Flaps 1, engine failure at V1 | <sup>2</sup> MLM, ISA, Sea Level, paved dry runway, 0 Wind, 0 Slope, Flaps DN, unfactorized data

<sup>3</sup> MTOW, ISA, Sea Level, FL100, 100NM Alternate, 30Min Final Reserve

### 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, FDR, CVR and more

### OPTIONS & MISSION EQUIPMENT

- TACAN, V/UHF, HF, Satellite Communication, Marine Radio, SAR DF and more
- Roller door, bubble windows, wing station hardpoints, additional electrical heater for polar operation, lavatory compartment, wet wing option, fuel dump, anti-skid system, logo lights and more
- Video stream to MFD for Mission Operation
- Customized provisions for mission systems or full integration
- Ergonomic mission operator consoles

Scan here for more Do228 NXT details

