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 Patrol
Long mission endurance and high-tech sensor options

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

Environmental Monitoring
Various sensor setups, long operating time and different flight speeds

Cargo Transport
Up to 2,240 kg cargo payload capability with easy loading and unloading

Research Platform
Straightforward sensor integration due to rectangular unpressurized cabin

Maritime Patrol
Low level flying with proven performance in salty environments

MedEvac Flights
Reliable operation for patients and medical supplies

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

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

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

GENERAL ATOMICS AEROTEC

AIRCRAFT CHARACTERISTICS AND DATA

PERFORMANCE

Takeoff Distance to 35 ft [1]	2,591 ft (790 m)	Max. Useful Load	2,675 kg
Landing Distance from 50 ft [2]	1,476 ft (450 m)	Max. Range (Max. Fuel + Typical Payload 500kg) [5]	1,360 NM
STOL Takeoff Distance to 50 ft [3]	1,460 ft (445 m)	Max. Range @ Max. Payload [5]	190 NM
STOL Landing Distance from 30 ft [4]	1,148 ft (350 m)	Max. Operating Altitude	25,000 ft (7,620 m)
Max. Cruise Speed	240 KTAS at ISA, 10,000 ft	Max. TOW (Takeoff Weight)	6,400 kg 6,575 kg (optional civil) 6,600 kg (optional military)

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, ISA, Sea Level, Paved Dry Runway, 0 Wind, 0 Slope, Flaps 1, Engine Failure at V1
[2] MLW, ISA, Sea Level, Paved Dry Runway, 0 Wind, 0 Slope, Flaps DN, Unfactorized Data
[3] 5,700 kg/MTOW STOL, ISA, Sea Level, Paved Runway, 0 Wind, 0 Slope, Flaps 2, Unfactorized Data
[4] 5,700 kg/MLW STOL, ISA, Sea Level, Paved Runway, 0 Wind, 0 Slope, Flaps 2, Unfactorized Data
[5] MTOW, ISA, Sea Level, FL100, Max. Range Speed, 100 NM Alternate, 30 min 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 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