Economical and flexible. The Dornier 228 Advanced Commuter.
The Dornier 228 is the perfect choice when it comes to passenger and cargo transportation. Its high productivity and economy, attractive price-performance ratio, outstanding technical performance, and high levels of safety and comfort make the Dornier 228 an ideal advanced commuter aircraft.

No other aircraft can transport as many passengers and cargo over a comparable distance as fast as the Dornier 228. This is why operators all over the world count on it when it comes to demanding operations.

The Dornier 228 success is proven by the over four million hours flown to date. Based on continuous improvements and innovations the Dornier 228 offers a high level of safety, even in its standard version, and is one of the most reliable aircraft in the world with its perfect mix of a mature design and innovative technologies.

Due to its advanced aerodynamics, the Dornier 228 is able to match or exceed the STOL performance of competing aircraft at the same payload, all while cruising up to 50 kts faster.
Whenever, wherever and whatever. The most capable and flexible asset in its class.
Humanitarian mission ... Amazon rainforest ... low altitude ... landing on an unpaved runway ... 300 Nm southwest of Caracas, Venezuela
Safe remote area operation. Even under the harshest conditions.
Fly-in/fly-out operation … Longyearbyen, Svalbard, 79° northern latitude … poor visibility, light snow, -22°C … safety margins maintained at all times thanks to GNSS/SBAS sensors and synthetic vision systems
Economical and effective. Success right down the line.
Passenger and cargo transport … Alderney to Southampton …
low fuel consumption: 1.75 kg/Nm … at max. cruise speed: 223 KIAS
Best-in-class performance

The Dornier 228 is the only 3rd-generation aircraft in its class. It has been purposely designed to match the FAR23/CS23 commuter category airworthiness standard, which assigns safety margin equivalents to transport category aircraft. Its advanced design provides the Dornier 228 with unmatched performance, payload capacity, operational flexibility and efficiency.

The Dornier 228 is currently the most productive, most reliable and most up-to-date aircraft in its class. Even unmatched performances have been improved by the new 5-bladed propeller in combination with the fuel-efficient TPE331-10 engine, resulting in unique and outstanding performances at every phase throughout the flight profile.

The fixed shaft turboprop engine provides an immediate power response, and has an efficient turbine design to ensure maximum output per unit of fuel. The benefits of the Dornier 228 turboprop aircraft are its reduced vibration, low inertia and quiet propeller design. It also guarantees a quick, low-energy start, even in extreme cold weather conditions.
Improved effectiveness and enhanced situational awareness: The new ergonomically designed cockpit with its four large displays reduces the pilots’ workload from start to end of the operation. The crystal clear, sunlight readable HD displays provide the pilots with the specific information required during each phase of the mission.

The cockpit is fitted with 4 large UNIVERSAL® displays, featuring one Primary Flight Display (PFD) and one Multi Function Display (MFD) in front of each crew member located on the central panel, additionally an Electronic Standby Instrument System (ESIS) is installed between the two MFD. The outboard Flight Displays show the data needed for handling the aircraft, the inner Multi Function Displays provide all the additional information which make the pilots’ mission easier.

TAWS – A unique 3-D perspective view provides the optimum level of situation awareness.
Rectangular cross-section – the basis for best comfort and space

The Dornier 228 is a leader not only in terms of productivity, safety, reliability and up-to-date technology, but also comfort. Every seat in the commuter version of the aircraft is located next to a window and the aisle. In addition, passengers enjoy ample head and shoulder room thanks to the aircraft’s unique cabin cross-section. These are benefits conventional oval cross-sections cannot offer.

Comfortable and spacious cabin

The Dornier 228 is the only aircraft in its class that offers air-conditioning as standard equipment. Large windows create a light-filled, welcoming atmosphere in the cabin. RUAG is ready to equip the cabin to meet every client’s wishes, and the spacious interior offers a wide range of possibilities. In this way passengers will have every comfort they need. The aircraft’s low noise and low vibration fivebladed propellers make the cabin of the Dornier 228 the quietest in its class.

Impressive cargo capacity

Seats can be quickly removed to convert the cabin for cargo transportation; to ease loading the normal passenger door can be opened sideways, which together with the adjacent door, creates a massive opening for bulky or heavy cargo.
Key features are the long range, high utilization rates and high payload – and all this at impressively low operational costs. With the aircraft’s state-of-the-art technology, pilots are able to maintain superior situational awareness throughout the most demanding missions. No other plane in this category combines safety and efficiency to the level offered by the Dornier 228.

**Versatility**

The Dornier 228 is the most advanced aircraft in its class, offering unsurpassed effectiveness and efficiency with superb versatility. This is why operators all over the world count on it when it comes to demanding operations.

**Reliability**

Operators can rely on the Dornier 228 at all times. The aircraft has a dispatch reliability of over 99%, a peak value that goes hand in hand with low maintenance costs. This high degree of reliability is unmatched in this aircraft class.

**Affordability**

The Dornier 228 provides operational results known only from much larger aircraft so far. With life cycle costs at a fraction of these aircraft, the Dornier 228 suits limited budgets and allows for more sorties to be flown.