

DORNIER 328-100 Model Guide

DORNIER 328-100 is a twin-engine type (the documents refer to both engines, LH and RH). 328 Support Services GmbH holds its type certificate. The registry lists the model family as a turboprop with up to 34 passengers, up to 13600 kg MTOW, up to 840 nm range and up to 31000 ft ceiling. Those are family maxima, not confirmed figures for this variant. This guide draws on flight manual revisions and three service bulletins.

KEY TAKEAWAYS

- The library row lists this model as single-engine piston, but the documents and registry show two engines and a turboprop. Check the real configuration.
- Several daily ground tests are required, including the Np overspeed governor, power lever aural alert, prop auto feather and TRU function tests.
- SB-328-57-239 (flap arm 2 rivets) is mandatory and applies to MSN3032 to MSN 3086. Check its compliance records.
- SB-328-28-553 (feeder tank fuel lines) and SB-328-25-574 (flight deck PED safety) are highly recommended. Ask which are done.

DAILY AND PRE-FLIGHT TESTS

The flight manual lists daily ground tests: Np overspeed governor, power lever aural alert (if fitted), prop auto feather and TRU function. The flap system test is due before the first flight of the day. Some configurations also require a ground spoiler system test. In the overspeed test, prop RPM should drop to 72% - 77%.

SERVICE BULLETINS TO VERIFY

SB-328-57-239: mandatory flap arm 2 rivet fix, 4.0 Mh, due within 10,000 FH since new. SB-328-28-553: highly recommended feeder tank fuel line change, 11,0 Mh total. SB-328-25-574: fire gloves and 'NO PED STOWAGE' placards, to be done within 2.5 years, 0,5 Mh, adds +0.5 kg. Ask for compliance reports.

AURAL ALERT AND SYSTEM FAULTS

Aircraft with the power lever aural alert may get a nuisance alert with both latch handles released. On the ground this needs maintenance action before takeoff. A PROXI SYS FAIL caution can also disable the alert. Ask for the aircraft's fault history and for the status of the aural alert modification.

SPECIFICATIONS

Family Max Passengers	34
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PERFORMANCE

Family Max Range Nm	840
Family Max Service Ceiling Ft	31000

SAFETY NOTES

- Nuisance power lever alert on the ground: maintenance action is required before takeoff. In flight, pulling the circuit breakers deactivates the alert, so check the latch handles are not lifted before touchdown.
- With a PROXI SYS FAIL caution in flight, expect unreliable gear, hydraulic, door and WOW indications. Increase landing distance by 1.15 (flaps 20°) or 1.35 (flaps 32°).
- SB-328-25-574 aims to prevent thermal runaway of PEDs stowed in the flight compartment. Confirm the placards and fire gloves are fitted.