CABIN COMPARTMENT OVERVIEW

General
The pressurized section of the Dornier 328 fuselage is separated into:

- Flight Compartment
- Passenger Compartment
- Baggage Compartment

A wardrobe, a lavatory and a galley can be installed in the passenger compartment.
Servicing Points
FLIGHT COMPARTMENT EQUIPMENT

General
The flight compartment is defined as the area between the forward partition wall of the passenger compartment and the forward pressure bulkhead. This compartment accommodates two pilots and has provisions for a third crewmember (Flight observer).

The equipment installed includes the following:

- two pilot seats
- stowage provisions
- furnishing panels and carpeting.
Flight Compartment (Sheet 2 of 2)
Pilot Seats
The crew seats are mounted on angled tracks, which allow them to be moved back and sideways simultaneously for easy access. Both seats can be adjusted longitudinally and vertically from the seat position. The seat is equipped with two folding adjustable armrests and an inertial reel shoulder harness. The vertical position of the armrest is adjustable. An adjustable lumbar support is also provided. The backrest cushion can be pulled to remove for the use as a "FLOTATION CUSHION" in case of water evacuation.
Flight Observer Seat
The forward–facing flight observer seat is made of a foldable seat pan and the back rest. Seat pan and back rest are mounted at the left side of the cockpit entrance. A safety belt with inertial reel shoulder harness is provided. The observer seat blocks the flight compartment entry when unfolded, and must be in the stowed position for cockpit egress.
Operation of the Flight Observer Seat
Unfolding:
1. Move the seat pan up into the lock.
2. Make sure that the triangle shaped trigger conceals the red painted area on the wall mounted console for proper locking.
3. Swing the backrest aftward into the lock.

Stowing:
1. Push the trigger for backrest release and swing it forward into the lock.
2. Support the seat pan firmly and slide the triangle shaped trigger to release the lock.
   Lower the seat pan.

Sun–Visors
Two moveable color–toned sun–visors are attached to each windshield frame for radiation protection. The adjustment of the visors is designed for one–hand operation. The visor slides along a rail when the trigger is depressed. When released the visor is hold in position by catches. The visor can also be rotated after depressing the rotary knob.

Glare Shield and Furnishing
A glare shield is mounted to protect the instrument panel from sun light and radiation effects. This shield is made of Glass Fiber Reinforced Plastic (GFRP) material, reinforced by a honeycomb sandwich core.

Furnishing Panels
The interior lining of the flight compartment consists of readily removable furnishing panels. The flight compartment floor is covered with carpet. Stowage provisions for flight documents and flight cases are installed.
PASSENGER COMPARTMENT EQUIPMENT

General
The Dornier 328 passenger compartment provides accommodation in different cabin layouts for up to 33 passengers and a flight attendant. The passenger seat layout is arranged in a single seat row on the LH side and double seat row on the RH side. Each seat has an armrest and a folding table. Stowage space is provided under each seat. A passenger service unit (PSU) is provided above each seat. A rear-facing folding seat for the flight attendant is installed at the forward end of the passenger compartment. The seat is equipped with a headrest and combined safety belt and retractable shoulder harness. Stowage facilities for a hand fire extinguisher and a flashlight are provided at the flight attendant station. The station is equipped with a service interphone.

Overhead bins for hand baggage are installed above the RH seat rows. The passenger compartment floor is covered with carpet. Entrance and Service Area is covered with slip resistant floor covering. The windows are equipped with sliding blinds.

Access to the flight compartment is given from the passenger compartment through a sliding door.
**Passenger Seats**

The seating arrangement in the passenger compartment is based on special cabin layouts and interior design according to customer request. Double passenger seats are installed on the RH side and single seats are installed on the LH side. Except where this may impede an emergency exit or a partition, each passenger seat has an adjustable backrest, a folding armrest on the aisle side and a folding center armrest. Additionally each passenger seat has a folding table stowed in the backrest of the seat in front of it, except the seats in the first row and the one aftward of the LH emergency exit, which have foldable tables stowed in the armrest.

The seat pitch LH side between the sixth and seventh seat is increased to 1066 mm (42 inches) to provide access to the emergency exit.

![Passenger Single Seat](image)
Passenger Double Seat
Flight Attendant Seat
The flight attendant seat is installed at the forward end of the passenger compartment next to the passenger/crew door. The seat faces aftward and is equipped with a headrest and a combined safety belt and a retractable shoulder harness. When required the seat must be folded down from the forward partition wall. The seat returns automatically to the folded position when not in use.
Flight Attendant Panel
The flight attendant panel is located on the forward partition wall on the LH side near the passenger/crew door. The panel contains switches for cabin lighting and the air conditioning system.
Overhead bins
Overhead Bins for hand baggage are fitted above the RH seat row.
Passenger Service Unit
Above each seat a passenger service unit (PSU) is installed. Each PSU consists of:

- fresh air outlets (flow and direction adjustable)
- flight attendant call button
- illuminated seat number
- reading lights
- passenger information signs (FASTEN SEAT BELT and NO SMOKING)
- loudspeaker.
GALLEY AND BUFFET EQUIPMENT
General
The galley is installed aftward of the passenger compartment on the RH side. It is used for storage and preparation of food and cold or hot drinks.
Galley Controls
The galley is supplied with 28V DC from the GALLEY PWR and the GALLEY EQUIP circuit breakers from the 28V DC NON ESSENTIAL BUS 2 and by the GALLEY PWR OVEN circuit breaker from the 28V DC NON ESSENTIAL BUS 1.

Operation of Galley Controls
When the WARMER I or the WARMER II button on the galley is pushed in, the related connector for the hotjug is supplied with 28V DC. When the LIGHTS button on the galley panel is pushed in, the buffet light on the galley panel and the galley light are switched on. The function of all lamps on the galley panel can be tested with the TEST button.
LAVATORY EQUIPMENT

General
The lavatory is installed in the rear of the passenger compartment on the RH side. The lavatory is a completely self-contained cabinet, containing the toilet and the washing facilities (Detailed description of Lavatory see Section 12–38 Water and Waste).
Lavatory Equipment
The sink is a self-contained unit, consisting of the front panel with door and sink, linked to a system of panels and shelves, which make up the system and cabinets.

Lavatory Door
The lavatory door is equipped with a door lock providing the following features:

- a slide lock for easy operation
- a door lock which switches the mirror light on
- a vacant or occupied indicating light

If the flight attendant has to enter the lavatory compartment in case of an emergency, the door can be unlocked from the outside by moving the indication sign via a small slot using a coin or a screwdriver.

Lavatory Vent Slider
At the bottom of the inner sidewall of the lavatory, a vent slider is installed, which is needed for ventilation in case of rapid decompression and for pressure equalization during normal operation.
In case of smoke or fire in the lavatory, the vent slider should be closed in order to protect cabin occupants from hazardous smoke and to minimize air flow into the lavatory feeding the fire.
BAGGAGE COMPARTMENT EQUIPMENT
General
The baggage compartment is located behind the passenger compartment in the pressurized section of the fuselage. Inside the compartment, a barrier net and a door net are installed to prevent the loads from moving.
Baggage Compartment Nets
The baggage compartment is equipped with a barrier net and a door net. The door net has three functions:

– to prevent luggage falling out when the door is opened
– to keep the decompression panel unobstructed
– to protect the door mechanism.
Floor Panels
To avoid a leakage of liquids into the substructure sealing is provided between the floor panels and the structure. It is not possible for water to enter the under–floor structure without being detected.

Tie–down Points
25 tie–down points are provided on the floor structure for fastening the barrier net, the door net and a restrain net for heavy single loads.
The tie–down points are color coded. The barrier net is fixed to the red tie–down points, the restrain net to the green and the door net to the grey tie–down points.

Partition Walls
The passenger compartment and the baggage compartment are seperated by the forward partion wall.
The aftward partition wall closes off the baggage compartment and protects the pressure bulkhead and the pressure regulation valve.
Two decompression panels at the partition walls are installed, which will open in case of a rapid decompression.

Baggage Compartment Lights
Concealed lamps are installed above the ceiling panels on the centerline of the aircraft. After momentarily switching the ON/OFF/TIMER switch to the timer position (down), the lights will be powered for 3 minutes from the HOT BATTERY BUS 1.