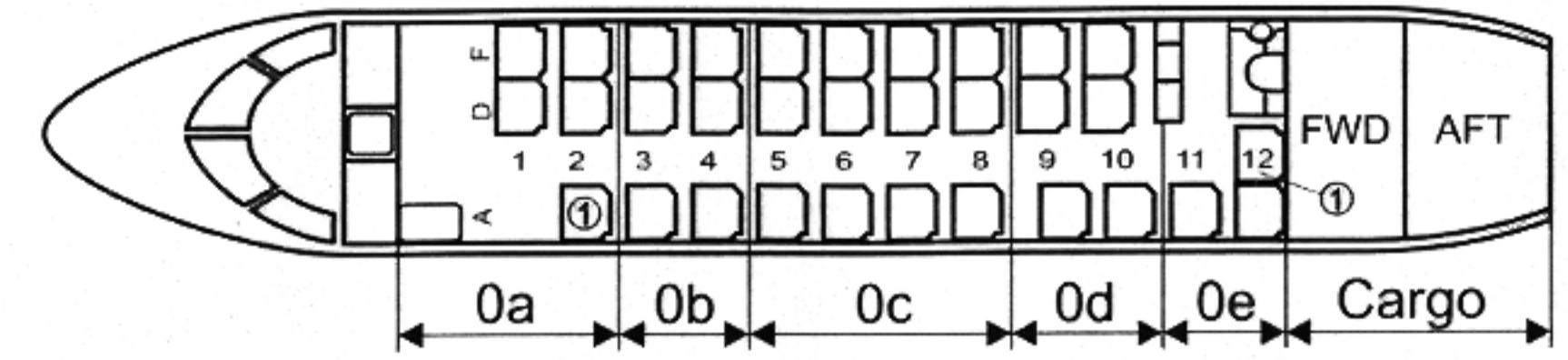


# Mass & Balance Dornier 328-100

|                           |                    |                      |                     |
|---------------------------|--------------------|----------------------|---------------------|
| Prefix                    |                    | Addresses            |                     |
| Originator                |                    | Recharge Date/Time   |                     |
| Initials                  |                    | Initials             |                     |
| L, D, M                   |                    | L, D, M              |                     |
| Flight                    | Date               | Registration         | Version             |
| Crew                      | Date               |                      |                     |
| Dry Operating Mass        | Maximum Masses for | Zero Fuel            | Take-off            |
|                           |                    | 12610                |                     |
| Take-off Fuel             | +                  |                      | Trip Fuel           |
|                           |                    |                      |                     |
| Allowed Mass for Take-off |                    | a                    | b                   |
| Lowest of a,b,c           |                    |                      | c                   |
| Operating Mass            | =                  |                      |                     |
| Notes:                    |                    | Allowed Traffic Load | =                   |
|                           |                    | Total Traffic Load   | -                   |
|                           |                    | Underload before LMC | =                   |
| Dest.                     | No. of Pax         | Infants              | Total               |
|                           |                    |                      | Distribution Mass   |
|                           |                    |                      | FWD                 |
|                           |                    |                      | AFT                 |
|                           |                    |                      | C                   |
|                           |                    |                      | Remarks PAX         |
|                           |                    |                      | Tr                  |
|                           |                    |                      | B                   |
|                           |                    |                      | C                   |
|                           |                    |                      | M                   |
|                           |                    |                      | .PAX/               |
|                           |                    |                      | FWD/                |
|                           |                    |                      | AFT/                |
|                           |                    |                      | III                 |
|                           |                    |                      | Tr                  |
|                           |                    |                      | B                   |
|                           |                    |                      | C                   |
|                           |                    |                      | M                   |
|                           |                    |                      | .PAX/               |
|                           |                    |                      | FWD/                |
|                           |                    |                      | AFT/                |
|                           |                    |                      | III                 |
| TOTAL                     | Passenger Mass     | +                    |                     |
| Total Traffic Load        | =                  |                      | Last minute changes |
| Dry Operating Mass        | +                  |                      | Dest. Specification |
| Zero Fuel Mass            | =                  |                      | CI/Cpt              |
| Max. 12610                |                    |                      | plus                |
| Take-off Fuel             | +                  |                      | minus               |
| Take-off Mass             | =                  |                      |                     |
| Max.                      |                    |                      |                     |
| Trip Fuel                 | -                  |                      |                     |
| Landing Mass              | =                  |                      |                     |
| Max.                      |                    |                      |                     |
| St                        |                    |                      |                     |
|                           |                    |                      | Total LMC +/-       |
|                           |                    |                      | Prepared by:        |
|                           |                    |                      | Approved by:        |

Note: Tr = Traffic Load (Hand Baggage), B = Baggage, C = Cargo, M = Mail, T = Total



30 seats  
 31 seats  
 32 seats

= check availability  
 DRY OPERATING INDEX

$$DOI = \frac{DOW (arm - 10.132)}{100} + 100$$

35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120

|     |       |                   |
|-----|-------|-------------------|
| 0a  | Pax   | One Unit<br>1 Pax |
| 0b  | Pax   | One Unit<br>1 Pax |
| 0c  | Pax   | NO SCALE          |
| 0d  | Pax   | One Unit<br>1 Pax |
| 0e  | Pax   | One Unit<br>1 Pax |
| FWD | Cargo | One Unit<br>50 kg |
| AFT | Cargo | One Unit<br>50 kg |

35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120

