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A330



Compartments

Maximum weights and volumes:

This table shows the maximum weights and volumes per compartment 1, 2, 3, 4 and 5:

Note: NA indicates that volume figure is not given.

| | Compartment | | | | |
|--------------------------------|-------------|----------|----------|----------|------|
| | 1 | 2 | 3 | 4 | 5 |
| Weight (kg) | 10206 | 20412 | 15309 | 10206 | 3468 |
| Combined weight (kg) | 22861 | | 18607 | | NA |
| Area load (kg/m ²) | See note | See note | See note | See note | 732 |
| Volume (m ³) | NA | NA | NA | NA | 19,7 |

Note: Please see [Load support on ULD's](#)

Maximum dimension tables:

Compartment 5

Items with a height between 56 cm and 149 cm can be loaded via compartment 4.

| Height | Length | | | | | |
|-----------------|--------|-----|-----|-----|-----|-----|
| Up to 10 | 250 | 250 | 250 | 250 | 250 | 250 |
| 10 to 56 | 250 | 235 | 225 | 210 | 210 | 210 |
| | 10 | 25 | 40 | 55 | 70 | 85 |
| | Width | | | | | |

Air conditioning system:

The lower compartments are incorporated in the same pressure system as the passenger cabin.

| Compartment | Description |
|-------------|---|
| 1 and 2 | Ventilated and heated to a certain extent for transportation of live animals. These compartments are equipped with a temperature control. A temperature range from +5°C to +25°C can be set. If a lower temperature is selected, the ventilation will increase in the compartment. This temperature selection can be overridden from the flight deck. Ask the Commander to set a special temperature when needed. A table of recommended temperatures for different commodities is available |
| 3 and 4 | Only indirectly ventilated and heated. No animals can be loaded in these compartments. |
| 5 | Ventilated and heated to a certain extent for transportation of live animals. |

Restrictions

Dangerous Goods

Dry Ice: Maximum amount in Compartment.

| A/C version | Maximum amount of ICE per compartment | | |
|-------------|---------------------------------------|-----------------------|---------------------------|
| | Maximum amount of ICE per A/C | Combined weight 1 + 2 | Combined weight 3 + 4 + 5 |
| A330 | 3500 kg | 2500 kg | 1000 |

Note:

1. Not to be loaded in the same hold as Live Animals (AVI). (E.g. compartments 3–5 are the same hold, not separated with solid walls, therefore AVI cannot be loaded in Cpt 5 if there is ICE in Cpt 3, 4 or 5.)

2. If cargo compartment ventilation system is U/S no Dry-Ice is allowed.

Exceptions to the maximum amount of dry ice per compartment can be granted by STOOG.

Radioactive Materials: Maximum Transport Index (TI):

| | | | Max TI pr. Compartment | | | | |
|-------------|---------------------|---|------------------------|---|---|---|---|
| A/C version | Max TI pr. aircraft | Max TI pr. package (or Group of packages) | 1 | 2 | 3 | 4 | 5 |
| A330 | 35 | See note and table below | 8 | 8 | 8 | 7 | 1 |

Note: The maximum allowed TI per package (or group of packages), is depending on the height of the package (or group of packages).

Radioactive Materials: Maximum Package/Group Height and Separation Distance

The below table shows:

- The maximum allowed height per package (or group of packages).
- The minimum separation distance (horizontally) between packages (or groups of packages).

Note: Use the column for Minimum separation distance when:

- the package/group height, or
- the Transport Index (TI)

exceeds the permitted values for grouping packages together.

| Transport Index (TI) per package (or group of packages) | Max. height per package (or group of packages) (cm) | Min. separation distance horizontally (cm) | Category |
|---|---|--|--------------------|
| 0.0 | No restriction | No restriction | I – White (RRW) |
| 0.0–1.0 | 160 | 100 | II – Yellow (RRY) |
| 1.1–2.0 | 145 | 150 | III – Yellow (RRY) |
| 2.1–3.0 | 125 | 210 | III – Yellow (RRY) |
| 3.1–4.0 | 110 | 255 | III – Yellow (RRY) |
| 4.1-5.0 | 95 | 300 | III – Yellow (RRY) |
| 5.1-6.0 | 80 | 350 | III – Yellow (RRY) |
| 6.1-7.0 | 65 | 400 | III – Yellow (RRY) |
| 7.1-8.0 | 45 | 435 | III – Yellow (RRY) |
| More than 8.0 | Not allowed | Not allowed | III – Yellow (RRY) |

Note:

1. For compartment 5 the maximum height per package (or group of packages) must be reduced with 20 cm.

2. For the separation of packages (or groups of packages) with different Transport Indices (TI), the minimum separation distance required for the package (or group of packages) with the higher transport index must be applied

Heavy

Do not load heavy items weighing 150 kg or more (HEA) in compartment 5.

The use of forklift for loading in the aft compartment is prohibited for safety reasons due to the height above ground and the risk of damaging the CPT 5 cargo door lining.

Whenever a HEA is transported in a container, it must be secured by lashing. It is not sufficient to fill the container volumetrically.

Human Remains

No aircraft restrictions other than maximum dimensions, area load and maximum load in hold, but always check SIRIUS for current restrictions on origin, destination and possible embargoes.

Live Animals

SAS has two animal codes that differ from the IATA standard.

AVC - Crustaceans

AVF - Aquatics and live fish

Note: Crustaceans, aquatics and live fish can be secured by volumetrically filling the compartment

| Group | Animal, Example | Maximum qty in compartment (kg) | | |
|-------|--|---------------------------------|----------|----------|
| | | 1 + 2 | 3 + 4 | 5 |
| 1 | Chimpanzees, gibbons, monkeys, apes | 3000 | NA | 500 |
| 2 | Tropical fish, fish | No limit | No limit | No limit |
| 3 | Shrimps, reptiles, snakes, crabs, frogs, oysters | No limit | No limit | No limit |
| 4 | Cats, dogs, mice, hamsters, pigs | 4500 | NA | 500 |
| 5 | Tropical birds, poultry, birds | 1300 | NA | 400 |
| 6 | Minks, squirrels, weasels | 2000 | NA | 500 |
| 7 | Chinchillas | 1000 | NA | 500 |
| 8 | Sea Lions | 1000 | NA | 450 |

Note:

- Maximum weights given are gross weights, except for Group 1 and 4, which indicates net weight. STOOG can grant exceptions.
- NA indicates that no animals from that group can be loaded.
- Live animals, with the exception of group 2 and 3, shall not be loaded inside a container.

Live Human Organs

Live Human Organs (LHO) shall be loaded in compartment 5, as close as possible to the cargo door.

Restriction: Separate from Radioactive materials by at least 0,5 meters.

Outsized Cargo Pieces of Load

Outsized pieces of load are items which due to their dimensions do not fit into AKE or ALF containers. Typical examples of outsize pieces of load are windsurfing boards, hang-gliders, canoes and pole vaulting-poles.

Rule: On the A330 aircraft the following stowing restrictions for outsized pieces of lightweight load apply:

- The maximum weight limit per piece is 50 kg.
- Can be loaded in bulk compartment 5 or beside pallets in ULD compartments 1 and 2 (as these compartments are equipped with tie-down attachment points), if the dimensions permit

Outsized Cargo Items on Pallets

Loading of outsized cargo items, which require loading on more than one pallet, is permitted if the weight and dimensions allow manual loading on preloaded pallets and item properly secured to the pallets by means of pallet nets and straps.

Perishables

No aircraft restrictions other than maximum dimensions, area load and maximum load in hold, but always check SIRIUS for current restrictions on origin, destination and possible embargoes.

Sensitive

No aircraft restrictions other than maximum dimensions, area load and maximum load in hold, but always check SIRIUS for current restrictions on origin, destination and possible embargoes.

Valuable

No aircraft restrictions other than maximum dimensions, area load and maximum load in hold, but always check SIRIUS for current restrictions on origin, destination and possible embargoes.

Vulnerable

No aircraft restrictions other than maximum dimensions, area load and maximum load in hold, but always check SIRIUS for current restrictions on origin, destination and possible embargoes.

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