

**A321**



Compartments

Maximum weights and volumes:

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

Note: NA indicates that volume figure is not given.

	Compartment				
	1	2	3	4	5
Weight (kg)	2268	3402	3402	2268	1497
Combined weight (kg)	5670		5670		
Area load (kg/m <sup>2</sup> )	488 *	488 *	488 *	488 *	732
Volume (m <sup>3</sup> )	NA	NA	NA	NA	5.8

\* For ULD configured aircrafts please see [Load support on ULD's](#)

Maximum dimension tables:

Compartment 5

Items with a height between 65 cm and 85 cm can be loaded via compartment 4.

Height	Length								
65	270	254	241	229	217	208	202	198	193
60	290	273	259	247	234	224	217	211	208
50	311	309	291	281	271	257	242	231	228
40	319	315	311	301	290	282	262	248	243
30	323	321	317	314	304	295	278	260	254
20	323	323	321	318	315	307	296	273	265
10	323	323	321	318	316	310	303	277	268
	10	20	30	40	50	60	70	80	85
	Width								

Air conditioning system:

The lower compartments are incorporated in the same pressure system as the passenger cabin and are ventilated and heated only to a certain extent for transportation of live animals.

**Restrictions**

Dangerous Goods

Dry Ice: Maximum amount in Compartment.

		Maximum amount of ICE per compartment Combined weight			
A/C version	Maximum amount of ICE per A/C	1	1 + 2	4 + 5	3 + 4 + 5
A321	100 kg	-	50 kg	-	50 kg

**Note:** Not to be loaded in the same hold as Live Animals (AVI).

For A321 compartment 3-5 is the same hold, therefore AVI cannot be loaded in Cpt 5 if there is ICE in Cpt 3, 4 or 5.

Radioactive Materials: Maximum Transport Index (TI)

			Max TI pr. Compartment				
A/C version	Max TI pr. aircraft	Max TI pr. package	1	2	3	4	5

		(or Group of packages)					
A321	17	See note and table below	4	4	4	4	1

**Note 1:** The maximum allowed TI per package (or group of packages), is depending on the height of the package (or group of packages).

**Note 2:** Packages in compartment 5 may not be higher than 50 cm.

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	105	100	II – Yellow (RRY)
1.1–2.0	85	150	III – Yellow (RRY)
2.1–3.0	65	210	III – Yellow (RRY)
3.1–4.0	50	255	III – Yellow (RRY)
More than 4.0	Not allowed	Not allowed	III – Yellow (RRY)

**Note:** 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	100	100
2	Tropical fish, fish	No limit	No limit
3	Shrimps, reptiles, snakes, crabs, frogs, oysters	No limit	No limit
4	Cats, dogs, mice, hamsters, pigs	100	100
5	Tropical birds, poultry, birds	100	100
6	Minks, squirrels, weasels	100	100
7	Chinchillas	100	100
8	Sea Lions	100	100

**Note:**

- Maximum weights given are gross weights, except for Group 1 and 4, which indicates net weight. STOOG can grant exceptions.
- Live animals on A321, with the exception of Group 2 and 3, shall not be loaded inside a container. Other groups shall be loaded on pallets or in bulk
- For flights exceeding 3 hours, the maximum allowed quantities are 30 kg or two (2) cages (one in the forward hold; one cage in the aft hold), with the exception of Group 2 and 3.
- NA indicates that no animals from that group can be loaded.
- With the exception of group 2 and 3, if other load is loaded in the hold together with AVI the weight limit of AVI is reduced. For example if the hold is filled to 50% with other cargo, the weight of AVI is 50% of the number in the table. This reduction is needed as there is no ventilation in the cargo holds of these aircraft.

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.

**LHO may be loaded in the cabin with the commanders approval**

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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