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**A320**



**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	3	4	5
Weight (kg)	3420	1301	3235	1497
Combined weight (kg)	3420	4536		1497
Area load (kg/m <sup>2</sup> )	732	732	732	732
Volume (m <sup>3</sup> )	13.28	5.23	13.03	5.92

Maximum dimension tables:

Compartment 1

These tables show the maximum dimensions of cargo items in compartment 1. All measurements in cm.

The dimensions are approximate values and refer to rectangular packages.

### Upright Loading

Upright loading refers to large or heavy packages loaded with the assistance of mechanical ground support equipment and maneuvered through the door in an upright position.

Height	Length							
98-115	334	328	322	317	312	299	279	259
72-97	363	355	346	338	330	322	315	309
0-71	394	384	374	365	355	346	336	327
	10	20	30	40	50	60	70	80
	Width							

Height	Length							
98-115	238	218	197	177	164	164	-	-
72-97	303	298	293	273	252	232	211	199
0-71	319	310	302	294	287	282	274	252
	90	100	110	120	130	140	150	160
	Width							

### Tilted Loading

Tilted loading refers to large low density cargo which may require hand maneuvering through the door in a tilted position to avoid obstructions.

Tilted Loading		
Length	Width	Height
500	25	25
493	50	50
489	75	75

### Compartment 3 + 4

#### Upright Loading

Upright loading refers to large or heavy packages loaded with the assistance of mechanical ground support equipment and maneuvered through the door in an upright position.

Height	Length							
98-115	409	389	368	348	328	308	288	268
72-97	468	461	454	447	424	404	384	364
0-71	491	483	474	466	459	451	443	437
	10	20	30	40	50	60	70	80
	Width							

Height	Length								
98-115	247	227	206	185	171	171	-	-	-
72-97	344	323	303	283	263	243	222	202	199
0-71	413	393	372	351	331	309	288	265	252
	90	100	110	120	130	140	150	160	170
	Width								

### Tilted Loading

Tilted loading refers to large low density cargo which may require hand maneuvering through the door in a tilted position to avoid obstructions.

Tilted Loading		
Length	Width	Height
530	25	25
514	50	50
491	75	75

### 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
A320	100 kg	50 kg	-	-	50 kg

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

For A320 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 (or Group of packages)	1	2	3	4	5
A320	13	See note and table below	4	N/A	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

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.

### 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	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.
- 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.
- For A320, 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.

Live Human Organs

Live Human Organs (LHO) shall be loaded close to the cargo door.  
**Restriction:** Separate from Radioactive materials by at least 0,5 meters.

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.

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### 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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