

## A321NX



### 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. ACT= Additional Center fuel Tanks

	Compartment				
	1	2	3	4	5
Weight (kg)	2202	1793	1121	2064	707 <sup>1</sup>
Combined weight without ACT filled (kg)	3995 <sup>2</sup>		3892 <sup>3</sup>		
Combined weight with ACT filled (kg)	2849		1880 <sup>3</sup>		
Area load (kg/m <sup>2</sup> )	732	732	732	732	732
Volume (m <sup>3</sup> )	8,91	7,28	4,76	8,54	5,92

1: If compartments 3+4 are not filled to at least 75% volume, the maximum weight in CPT 5 is limited to 250 kg

2: Whenever the forward ACT tank is used, the "Combined weight with ACT filled" shall be used

3: To utilize maximum combined weight, when ACT tanks are used, use the below table

Fuel in aft ACT tanks (Kg) <sup>1</sup>	Combined Weight Limit (Kg) CPT 3+4+5
3000	3892
3500	3392
4000	2892
4500	2392
5000	1880

1: If there is less than 3000 kg of fuel planned in the aft ACT tanks, there may be 3892 kg combined load in CPT 3+4+5

Maximum dimension tables:

**Compartments 1 and 2.**

These tables show the maximum dimensions of cargo items in **compartments 1 and 2**. 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.

**Load Limitation on single items when operating to and from the USA**

**L/W/H: 150 cm / 60 cm / 114 cm. Max weight: 50 kgs**

Height	Length								
102–115	342	336	331	319	298	278	258	237	216
75–101	354	347	340	334	329	324	312	292	272
0–74	367	359	351	344	337	330	324	319	314
	10	20	30	40	50	60	70	80	90
	Width								

Height (cm)	Length								
102–115	195	174	–	–	–	–	–	–	–
75–101	252	232	212	192	172	165	–	–	–
0–74	294	274	254	234	213	193	185	–	–
	100	110	120	130	140	150	160	–	–
	Width								

**Note:** The measurements in the above tables are based on that all the mandatory nets are raised. In case of the need for larger objects to be booked, STOOG needs to give an approval, before the booking is allowed.

Air conditioning system:

The lower compartments are incorporated in the same pressure system as the passenger cabin. But they are not ventilated or heated. They are therefore not suited for transportation of live animals..

**Restrictions**

***There is embargo on AVI (other than AVC and AVF), DG (ICE excluded) and HEA on the A321NX***

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***Load Limitation on single items when operating to and from the USA***

***L/W/H: 150 cm / 60 cm / 114 cm. Max weight: 50 kgs***

Dangerous Goods

**Note: Dangerous goods may not be loaded in the aft hold of the A321NX due to the close proximity of the center fuel tanks.**

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
A321NX	50 kg	0	50 kg	0	0

**Note: Not to be loaded in the same hold as Live Animals (AVI) (AVF-Aquatics and live fish can be loaded in the same hold as ICE).**

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
A321NX	0	See note and table below	0	0	0	0	0

**Note 1:** If the need would arise to transport radioactives on an A321NX, for example on a special charter flight, a permission may be granted by STOOG.

Radioactive Materials: Maximum Package/Group Height and Separation Distance

If the need would arise to transport radioactives on an A321NX, for example on a special charter flight, a permission may be granted by STOOG.

Heavy

There is an embargo on heavy items (80 kg and above), high density- and penetrating-objects in compartments 3, 4 and 5, due to the position of the additional center fuel tanks (ACT). These fuel tanks are protruding into the aft hold and are sensitive to penetration and damage.

There are no such restrictions in the forward hold. In the forward hold, the requirements are the same as for the A320.

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. AVC and AVF can be loaded together with EAT, AVF can be loaded together with ICE.

Most live animal shipments must be treated as wet cargo. Therefore, plastic sheeting or tarpaulin must be placed under live animal containers in order to avoid soilage of aircraft holds, ULD's and other load

Isolation from Cold Transfer Beneath Animal Cages

Loaded animal cages need to be insulated from cold transfer, as the aircraft does not have heated floors in the cargo compartments. Insulation can be made by various methods, such as: Spreader boards under the cage; insulating material, blankets etc.

Note: *If the insulating material also can absorb fluids, the LAR requirement to have plastic under the boxes or cages can be ignored.*

Group	Animal, Example	Maximum qty in compartment (kg)	
		1	3 + 4 + 5
1	Tropical fish, fish	No limit	No limit
2	Shrimps, reptiles, snakes, crabs, frogs, oysters	No limit	No limit
3	Cats, dogs, other pets	Not allowed	
4	Other animals	0	0

Live Human Organs

Live Human Organs (LHO) shall be loaded close to the cargo door. STOOG, in coordination with STOOF and STOG3, may grant an exception to stow LHO in cabin.

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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