

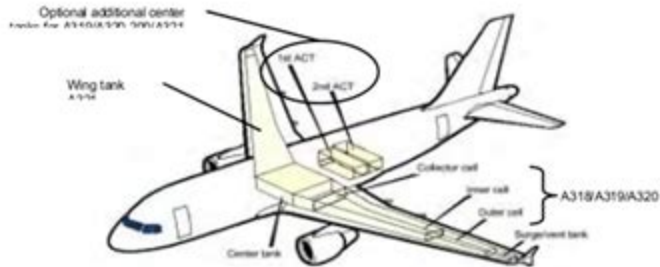
B. FUEL SYSTEMS



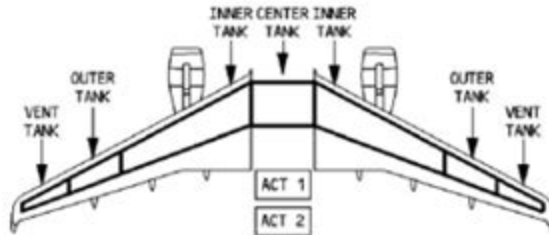
**2. THE SINGLE-AISLE FAMILY  
(A318/A319/A320/A321)**

**2.1. Tanks and capacities**

Compared with A318/A319/A320, A321 wings have been modified in order to support higher weights. As a consequence, contrary to all the other Airbus aircraft, there is no separation between outer and inner tanks on A321.



**2.1.1. A318/A319/A320**



Note : One or two optional additional center tanks can be fitted (on the A319 and A320-200 only)

Fuel Capacity (Usable fuel) – density: 0.785kg/L

		Outer Tanks (x 2)	Inner Tanks (x 2)	Center Tank	Total without ACT	ACT	Total with 1 ACT	Total with 2 ACTs
Volume	Liters	880	6925	8250	23860	2992	26852	29844
	US Gal	232	1830	2180	6304	790	7094	7885
Weight	Kg	691	5436	6476	18730	2349	21079	23428
	Lb	1523	11984	14277	41292	5179	46471	51649

Note: this does not apply to the A320-100, which has no center tank and slightly dissymmetrical inner tanks. Please refer to Weight and Balance Manual for relevant information.

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# Airbus A320 Weight And Balance

## [Airbus A320 Weight And Balance](#)

### Airbus A320 Weight And Balance

Take-Off Performance Calculator developed for the FSLABS A320. Take-Off calculation can be used with other flight simulator A320 products as well. Weight and Balance calculations are valid for the FSLABS airbus only. This website uses cookies for the loadsheets display. No personal information is stored. v 1.200

### A320 Take-Off Performance Calculator

Airbus Aircraft Applicability: A300 | A310 | A320 | A330 | A340 | A350 | A380. Weight and Balance engineer course aims to introduce the Airbus method to design the weight and balance operational documentation (Balance chart, AHM560/565). The training also presents the Airbus aircraft weight limitations and the Center of Gravity limitation to check, to operate the aircraft.

### Weight and Balance Training | Airbus Services - Flight ...

While the aircraft weight was 362 tons, the take-off performance data were calculated for a 262 tons aircraft, thus the expected performance was significantly over estimated. The real aircraft performance was much worse than that which had been calculated.

### Understanding Weight and Balance | Safety First - Airbus

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### A320 Weight and Balance Manual.pdf | Landing Gear | Aircraft

A320 Weight and Balance is an app for iPhone and iPad to work out the load sheet. Is a simple and quick way of checking the manual load sheet. It has 6 differen...

### A320 Weight and Balance - YouTube

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### Airbus A320 Weight And Balance Manual - modapktown.com

Overview Aircraft Familiarization Forces Weight Fuel Principle Of Balance Load Control And Distribution 5. Aircraft Familiarization Airbus A320 is narrow bodied aircraft consists of short- to medium- range, narrow-body, commercial passenger twin-engine jet airliners manufactured by Airbus 6.

### AIRCRAFT WEIGHT AND BALANCE BASIC FOR LOAD CONTROL

airbus airbus-a320 weight-and-balance. share | improve this question | follow | edited May 9 '16 at 7:53. Sami. asked May 8 '16 at 9:26. Sami Sami. 1,984 9 9 silver badges 15 15 bronze badges \$endgroup\$ 2 \$begingroup\$ Just as a little historical info, back in the pre-FAC days of the 1990s on 747-100&200 aircraft, after takeoff if we thought we were heavier than the load sheet showed, we ...

### How reliable is the Airbus FAC calculated gross-weight ...

Getting to Grips with Aircraft Weight and Balance 7 S YSTEMS SYSTEMS CARGO SYSTEMS INTRODUCTION Airbus aircraft are designed for passenger civil air transport with a passenger cabin on the upper deck. The lower deck of the airplane is dedicated to passenger luggage as well as additional freight transportation. So at the end of the 60<sup>th</sup>s, the ...

### Getting to grips with weight and balance

The brown line in the chart represents an A320 with one Additional Centre Tank (ACT) installed. Payload includes passengers as well as cargo. Assuming an average adult weight of 88 kg (EASA PDF) including carry-on luggage, 180 passengers weigh 15840 kg.

### weight and balance - What is the explanation for the ...

The first version of "A320 Weight and Balance", was only to the A320-214/6, with Y180. Later I started the A319 and the 321. Now we have 3 A319 versions, 3 A320 versions and 2 A321 versions.

### CisneSoft

Start studying A319/320/321 LIMITATIONS-Weight & Balance. Learn vocabulary, terms, and more with flashcards, games, and other study tools. Search. Create. Log in Sign up. Log in Sign up. 5 terms. LudovicEsp. A319/320/321 LIMITATIONS-Weight & Balance. STUDY. PLAY. A319/A320/A321 MINIMUM WEIGHT. 35 400/37 230/47 500 Kg. A319/A320/A321 MZFW. 57 000/62 500/71 500 Kg. A319/A320/A321 MAX TAXI ...

### A319/320/321 LIMITATIONS-Weight & Balance Flashcards | Quizlet

In this video, we'll give a brief introduction on Aircraft Weight & Balance along with the explanation of : • The various roles and functions of staff and departments involved

### Aircraft Weight and Balance

Variants offer maximum take-off weights from 68 to 93.5 t (150,000 to 206,000 lb), to cover a 5,740–6,940 km (3,100–3,750 nmi) range. The 31.4 m (103 ft) long A318 typically accommodates 107 to 132 passengers. The 124-156 seats A319 is 33.8 m (111 ft) long. The A320 is 37.6 m (123 ft) long and can accommodate 150 to 186 passengers.

### Airbus A320 family - Wikipedia

Airbus does not differentiate between so-called certified or non-certified containers. It is not required that a container actually undergoes a certification process, however the container has to fulfil the same requirements as a certified container. Getting to Grips with Aircraft Weight and Balance 9 8. SYSTEMS A. CARGO SYSTEMS 1.2. IATA identification code for Unit Load Devices (ULDs) There ...

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