



# Boeing 747-100 - 1:144

 **CLERX**

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## Summary

Printable model of the Boeing 747-100

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### Model description:

The Boeing 747-100, which was launched in 1966, was the original variant of the Boeing 747. Compared to later versions of the 747, the early Boeing 747-100s only had three windows per side on its upper deck. However, after airlines started converting the upper decks of their Boeing 747-100s from lounges into premium class seating, Boeing not only offered its upper deck on the Boeing 747-100 with ten windows per side as an option, some of the earlier three window per side variants were retrofitted accordingly.

Although a freighter version of the Boeing 747-100 was never developed, many passenger Boeing 747-100's were later converted into freighters because of Boeing engineers and Pan Am CEO, Juan Trippe's earlier insight to design the passenger version of the Boeing 747-100 accordingly so that it could be easily remanufactured into a freighter.

Boeing built 168 Boeing 747-100s, which includes its iconic prototype, named City of Everett.

### Assembly note:

The nose landing gear wheels should be connected using a piece of 1,75 mm filament.

### Model dimensions

- Length: 47,8 cm
- Wingspan: 43,2 cm

### Print settings:

- Layer height: 0,2mm
- Outer walls/perimeters: 2
- Bottom layers: 3
- Top layers: 5
- Infill: 0% (except for fuselage fwd.stl, fuselage mid.stl and stand.stl: 25%)
- Minimum layer time: 5 sec
- Perimeter generator: classic (not arachne)

Minimum required print volume is 81x102x180mm.

Feel free to let me know if you have any issues or suggestions using the following Discord link: <https://discord.gg/b4BzJqe6EK>

## Model files

 **Boeing 747-100** 26 files

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**fuselage-fwd.stl**  
 Use at least 20% infill

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**fuselage-mid.stl**  
 Use at least 20% infill

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**fuselage-aft.stl**

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**engine-1.stl**

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**engine-2.stl**

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**engine-3.stl**

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**engine-4.stl**

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**fan-blades.stl**

Print 4 times

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**wing-left.stl**

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**wing-left-outer.stl**

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**wing-tip-left.stl**

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**wing-right-inner.stl**

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**wing-right-outer.stl**

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**wing-tip-right.stl**

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**vert-stab.stl**

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**horz-stab-left.stl**

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**horz-stab-right.stl**

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**landing-gear-nose.stl**

Use a piece of 1,75 mm filament to connect wheels

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**landing-gear-main-left.stl**

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**landing-gear-main-right.stl**

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**landing-gear-wing-left.stl**

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**landing-gear-wing-right.stl**

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**landing-gear-bogie.stl**

Print 4 times

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**landing-gear-wheel.stl**

Print 16 times

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**fuselage-pin.stl**

Print 2 times

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**stand.stl**

Use at least 20% infill

## Other files



**Decals**

1 file



**clerx-747-100-pan-am.pdf**

How to apply: <https://www.youtube.com/watch?v=QYOmfbhOhhU>

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