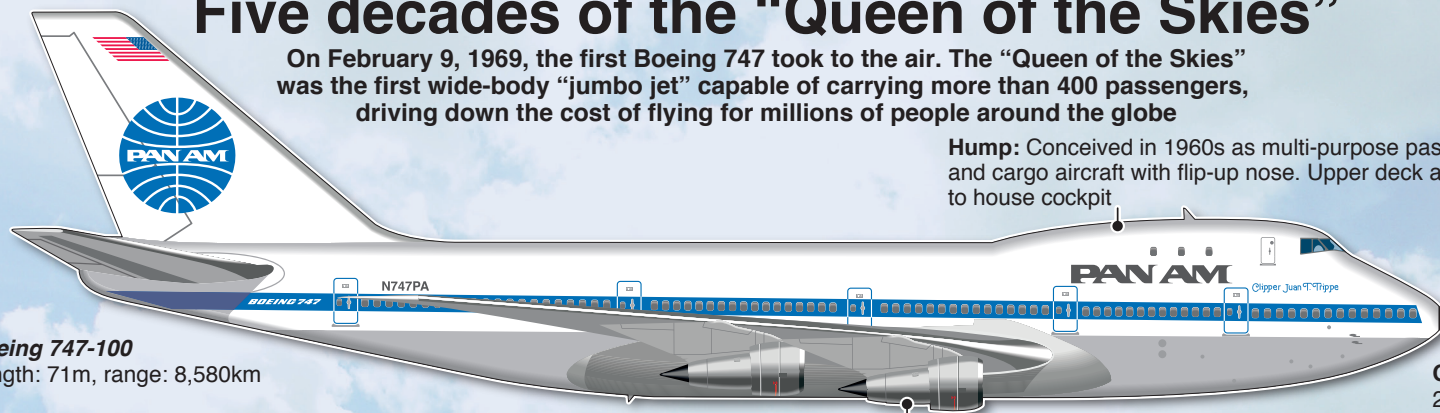


Five decades of the “Queen of the Skies”

On February 9, 1969, the first Boeing 747 took to the air. The “Queen of the Skies” was the first wide-body “jumbo jet” capable of carrying more than 400 passengers, driving down the cost of flying for millions of people around the globe



Boeing 747-100

Length: 71m, range: 8,580km

1969 February 9

First flight of 747 prototype, **RA-001**. Aircraft built in custom assembly plant in Everett, Washington – biggest building by volume ever constructed – in just 16 months

December 12

First **747-100** delivered to **Pan Am**

1970 January 22

First Boeing 747 enters service with **Pan Am**, flying from New York to London

1970s Golden age

Airlines turn upper decks into cocktail lounges and restaurants – **American Airlines** features economy class piano bar

1976

Two 747s modified to transport **Space Shuttle**

1989 August 16-17

Qantas 747-400 makes record 18,000km non-stop flight from London to Sydney

1991 May 21

EI AI 747 carries 1,088 people during airlift of Ethiopian Jews

Pratt & Whitney JT9D engines:

First commercial high bypass turbofans generate 193kN of thrust

2005 November

Plans for **747-8** – final version of 747 – announced

2009 747 Supertanker

Modified 747-200 is world's largest firefighting aircraft, holding 70,000 litres of fire retardant chemicals

2010 February 8

Maiden flight of **747-8F** freighter. Deliveries will continue until 2022

2018 January

Delta is last U.S. airline to retire its 747 fleet

1,572

Total 747 orders through end of December 2018

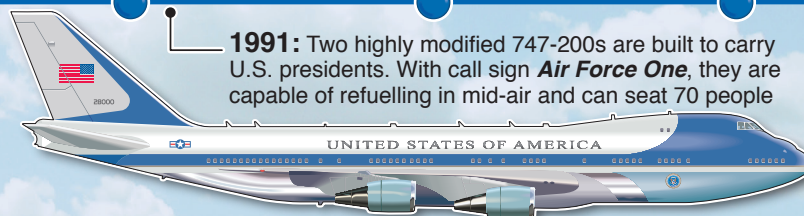
1974 Movie star

American Airlines 747 joins **Charlton Heston**, **Karen Black** and **George Kennedy** to star in **Airport 1975**

1977 March 27

Two 747s collide on runway at Tenerife killing 583 people – deadliest accident in aviation history

1991: Two highly modified 747-200s are built to carry U.S. presidents. With call sign **Air Force One**, they are capable of refuelling in mid-air and can seat 70 people



Air Force One
Designation:
VC-25A

Boeing 747-8 Intercontinental

Length: 76.3m, range: 15,000km

Three-class capacity of 467 seats

Joe Sutter, 1921-2016:

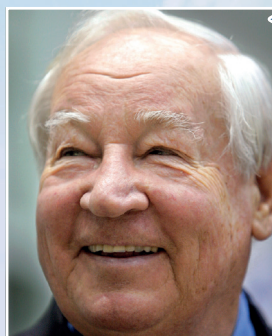
Industry legend who headed jumbo jet design team

2017 July 31

End of an era – last passenger 747-8 delivered to **Korean Airlines**

2024

Two 747-8s will replace older models as **Air Force One**



General Electric

GE9X-2B67 engines: Produce 50% more thrust (296kN) than original JT9Ds. “Sawtooth” chevrons reduce noise

Fly by wire replaces hydraulic systems