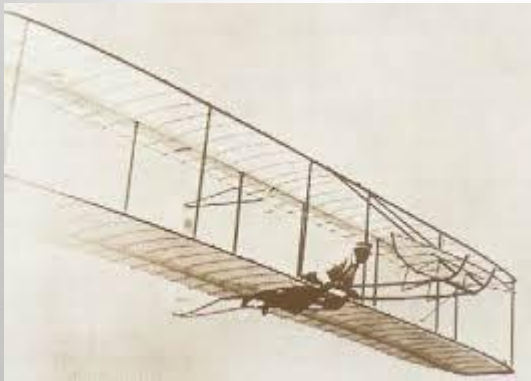


# PLANES



# WHO INVENTED IT?

❖ The inventors of the first airplane were Orville and Wilbur Wright.

On December 17, 1903, the Wright brothers made the first successful experiment in which a machine (aka airplane) carrying a man rose by its own power, flew naturally and at even speed, and descended without damage.







# WHAT IS AN AEROPLANE?

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❖ Most of us only have to look up into the sky to see an airplane, and many of us have traveled by airplane to places that would have taken much longer by any other means of transportation . An airplane by definition is an aircraft that has a fixed wing and is powered by propellers or jets.



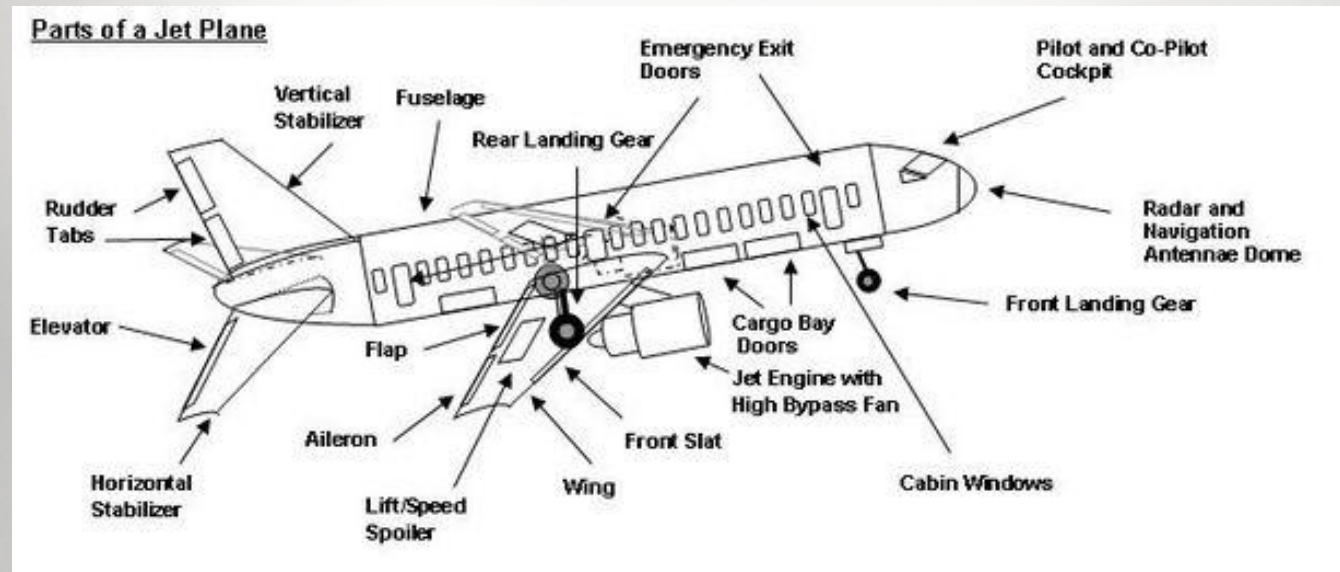
# INTERESTING FACTS ABOUT PLANES

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- ❖ A turbulence can't make fall down the plane
- ❖ A Ray can't break the plane
- ❖ You've got more possibilities to die walking on the street than flaying on a plane.
- ❖ The pilots of the planes, make hardest test every year, for make the travel more secure.
- ❖ In a long travel, the pilot sleep some minutes for rest.



# PARTS OF THE PLANE



# OLDS PLANES





# NEWS PLANES



# INSIDE OF THE AMAZING PLANES...











Fig. 1

Y-axis:  $M_L$  Loaded (maximum takeoff) weight, tons

X-axis: year

Legend:

- × Propeller Airplane
- Δ Narrow Body (Single Aisle) Jet
- Wide Body (Two Aisle) Jet

Key aircraft models shown:

- Farman F60 Goliath
- Douglas DC-3
- Boeing 377
- Douglas DC 8-32
- Lockheed Tristar L-1011
- Boeing 737-100
- Boeing 737-300ER
- Boeing 747-100
- Boeing 747-8I
- Airbus A320
- Airbus A350-900
- McDonnell Douglas MD-11
- Boeing 787-8
- Boeing 777-300ER
- Airbus A380
- Boeing 737-900
- Bombardier Dash 8 400
- Embraer EMB 110

# FIRST FLY IN THE WORLD

❖ <https://www.youtube.com/watch?v=pEyat8bNYfg>

❖ (OPEN THE LINK ON INTERNET)



# PLANES IN THE FUTURE



❖ Made it by: Illana Sánchez-Molero Prieto 1ºB

