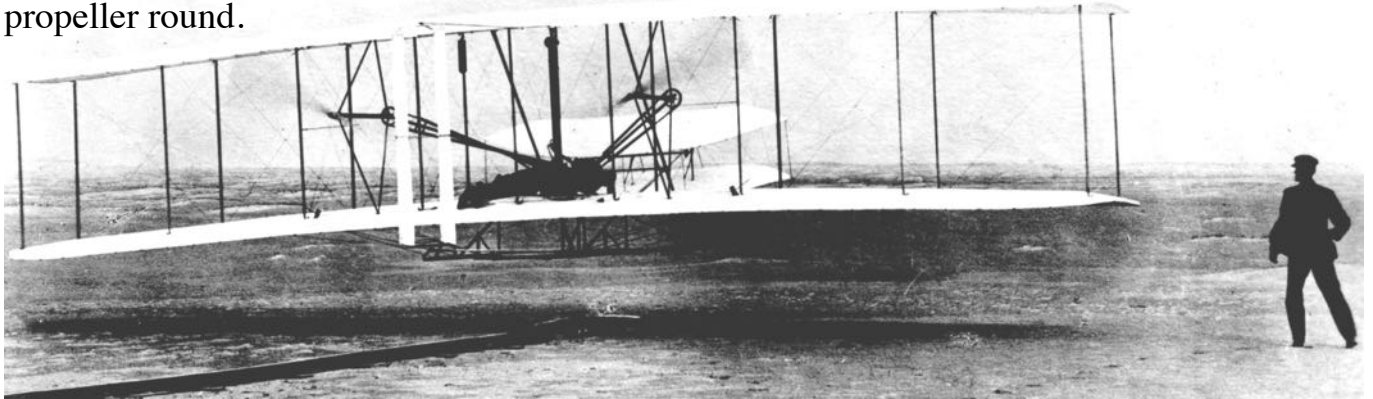


Wilbur and Orville Wright were American flying pioneers who built and flew the first aeroplane in 1903.

Orville Wright was a champion cyclist (Radfahrer). He and his brother Wilbur set up a shop where they made and sold bicycles. They didn't have a proper education (richtige Ausbildung), but they had great mechanical skills (Geschick). They both enjoyed the new sport of gliding (Gleitflug). They decided to build a bicycle with wings (Flügel) and a petrol (Benzin) engine to drive (antreiben) a propeller round.



By 1903 the Wright brothers had built *The Flyer*. It was a biplane (with two sets of wings) and the pilot lay flat (flach) across the lower (unterer) wing. A series of bicycle chains (Ketten) and gears (Getriebe) connected the engine to two propellers which rotated at about 450 times a minute. On 17 December 1903, at Kitty Hawk in North Carolina, Orville Wright made a 12-second flight over a distance of 35 m. This was the first aeroplane flight in history.

Later that morning Wilbur flew for nearly a minute. They carried on (weiterfahren) building better aeroplanes. In 1905 Wilbur flew 38 km in a half-hour flight.

Write YES or NO:

- A bicycle has two wheels. **YES**
- Wilbur and Orville were brothers.
- The first aeroplane flight was in France.
- A cyclist rides a bicycle.
- Orville was a professor at Dayton University.
- A pioneer is someone who does something for the first time.
- A bird has two wings.
- Wilbur flew a jet plane.



Translate:

- Sie verkauften Fahrräder.
- Sie bauten bessere Flugzeuge.
- Der Pilot lag auf dem Flügel.
- Er flog fast eine Minute lang.
- Der erste Flug war über eine Distanz von 35 m.