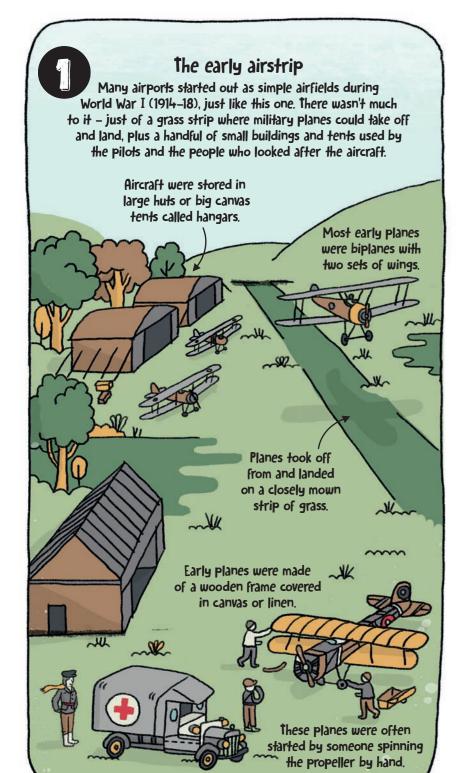
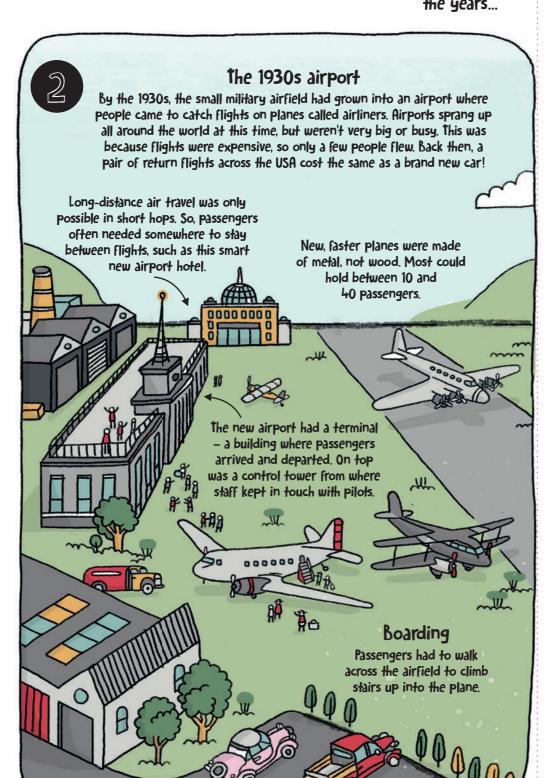
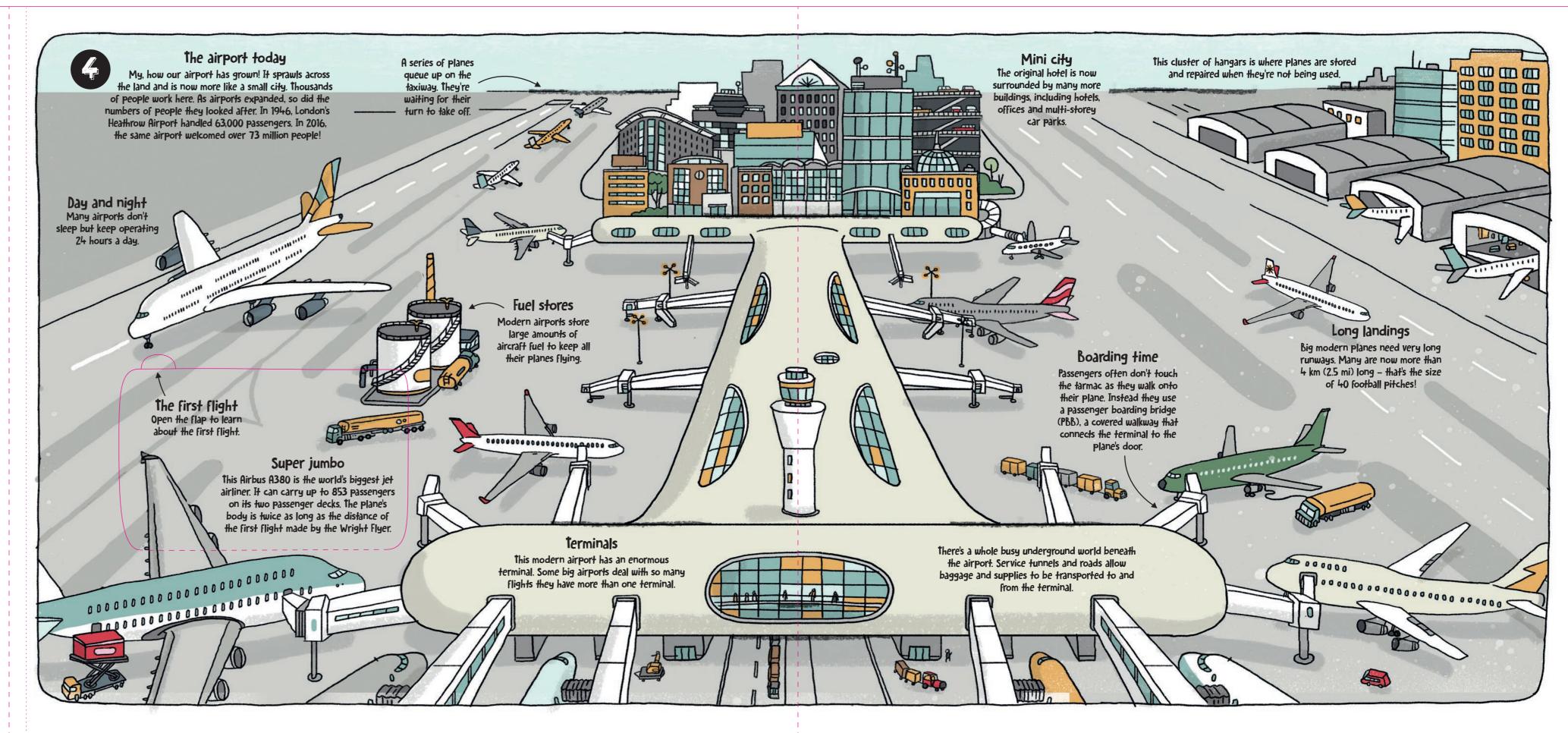
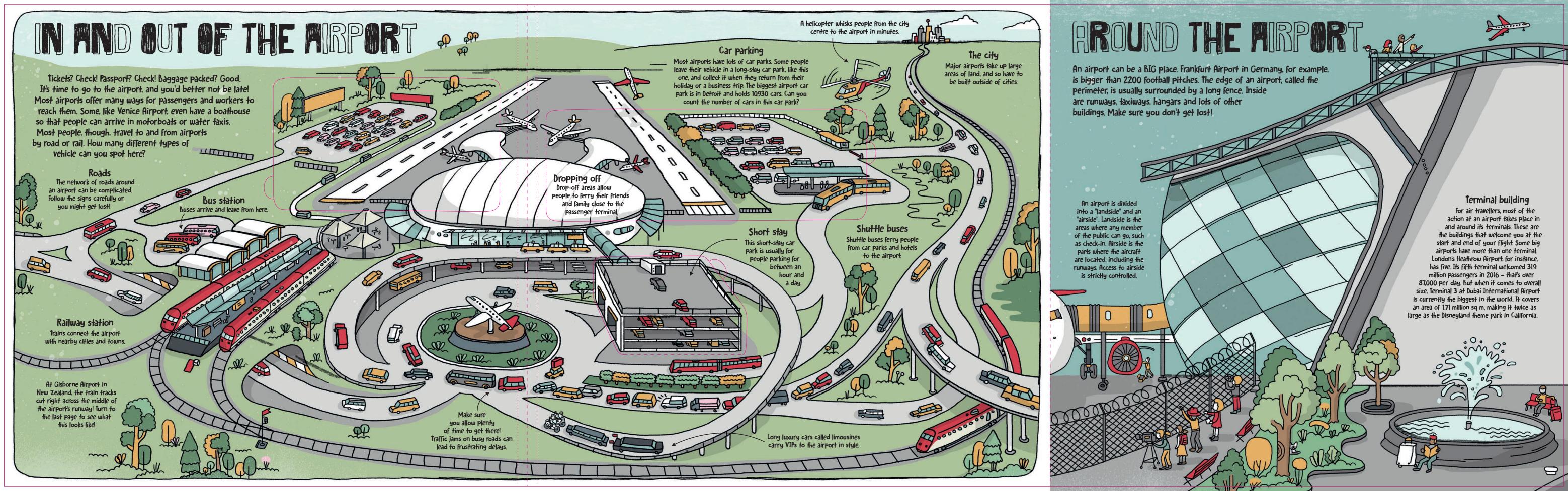
MRPORTS THROUGH THE RGES

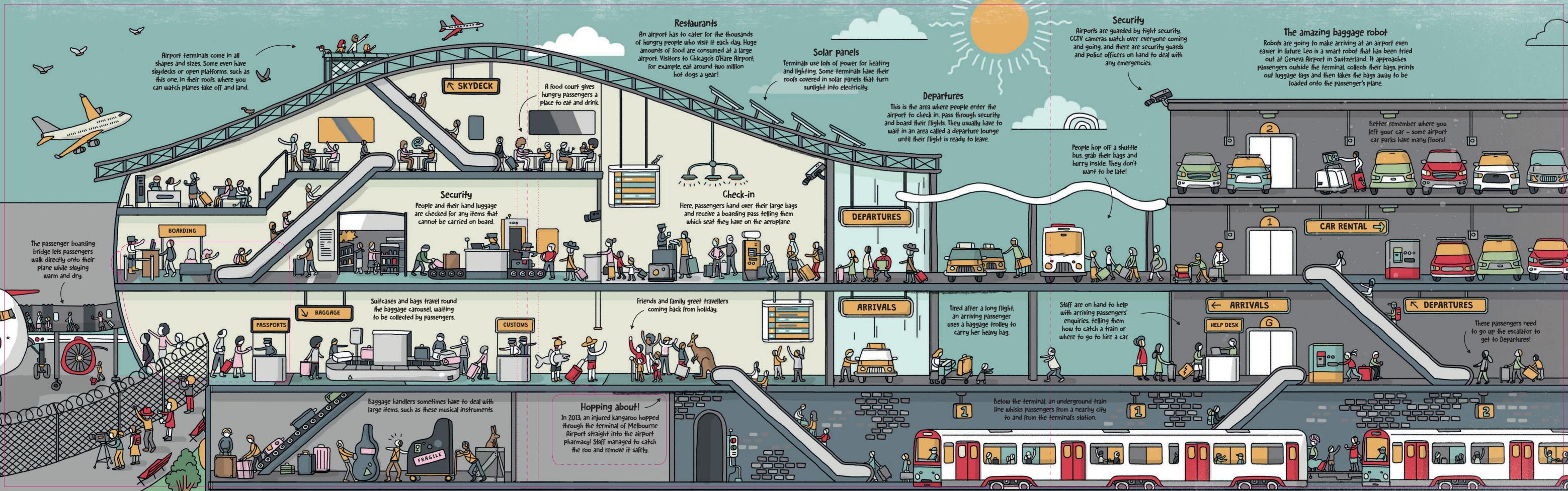












THROUGH THE BIRPORT Getting to the airport is just the start of your journey. Passengers have to pass through a number of stages in the terminal before they can board

their plane for take-off. At the other end, they go through similar stages before they leave the airport. These stages take time, which is why you need to get to the airport nice and early - so you don't miss your flight!

DEPARTURES

You can leave your warm winter coat at some

airports, go on a holiday in the sun, and then

collect your coat when you return.

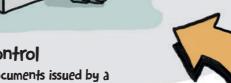
In the USA, travellers checked at check-in

1. Check-in

2. Security

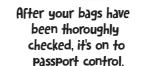
Passengers hand over large items of luggage to be weighed, tagged and loaded onto the plane.

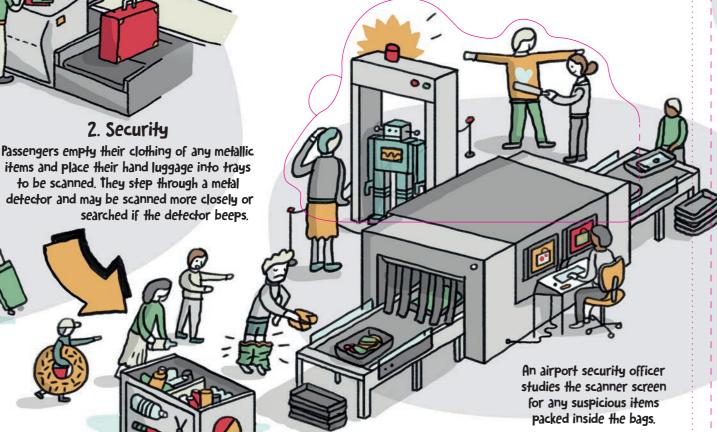
Travellers can keep smaller bags, known as hand luggage with them on the flight. Each passenger is given a boarding pass telling them their flight details and seat number.



3. Passport control

Passports are little book-like documents issued by a nation to prove who you are. They allow you to travel between different countries and are checked at airports by officials to see if they are valid.





RRIVALS

off your flight, but there's just a few more things to do in the Arrivals Hall before you can leave the airport and get going.

Passports from Finland act as a flipbook! Flicking the pages shows a moose running along the bottom of the passport

And you're off

Passengers now head to the

departure lounge where they

can rest, eat or shop before

they board their flight.

1. Passport control

Your passport is checked again at your new destination. Some airports use biometric scanner gates. These scan features, such as your face, your fingerprints or the coloured part of your eye (the iris). If the scan matches the data in the passport's microchip the gates will open for you to walk through.

2. Baggage reclaim

Passengers wait while baggage

handlers unload the aircraft.

their luggage will eventually

appear, travelling around

a conveyor belt called a

baggage carousel. Is your bag

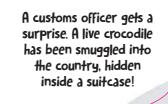
on there? In 2016, 21.6 million

bags were lost by airlines.

Most, though, were reunited

with their owners within

48 hours.



Sniffer dogs

Dogs can be trained to

sniff out explosives and

other substances that

it is against the law to

carry at an airport or

bring into a country.

don't have biometric

microchips. These

have to be studied

by a passport control officer by hand.

which carousel

flight's baggage

And you're there!

time to head out of the airport and take a bus, coach, train, taxi or hire car to your final destination, Yippee!

3. Customs

Laws stop people bringing certain things into a country. For example, many nations have strict rules against bringing in plants, wild animals, weapons and other hazardous things. Customs officers search some passengers' bags and clothing on the lookout for these illegal items.



OVERSIZED

pookily similar. Better

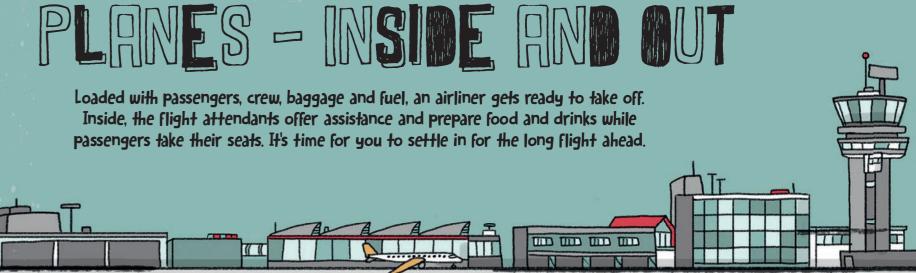


and placed in

the baggage

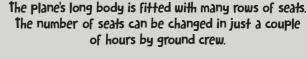
A member of the

Wheels All the heavy weight of a fully loaded airliner is carried on just a few very strong wheels. Each rubber tyre on an Airbus A380 is replaced after 320 landings



Staying in contact The pilot and co-pilot sit at the front of

the plane. They keep in contact with the ground by radio, onboard computers and by peering through their windshield.





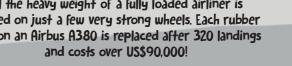


Oval-shaped passenger windows give amazing views once in the air. They are made of layers of tough plastics.



ground crew, known as an aircraft marshaller. communicates with the pilots using paddles, telling them which













Galley kitchen

Cabin crew work hard inside the

plane's small kitchen - known as a galley – getting everyone's meals ready. Food is prepared on the First class ground and packaged in trays. The Passengers in first class are served the cabin crew use convection ovens, finest food and drinks, and have plenty which blow hot, dry air over of space to work or relax. These are the the parts of the meal that need most expensive seats on the plane. heating up. Some galleys also have coffee machines and other kitchen equipment.

0

Business class

This area is less luxurious than first class but still much more comfortable than economy. It has fewer seats per row and more space between the rows than economy class. Most business-class seats are adjustable and may recline into a mini bed for long flights. They also feature USB ports to power a passenger's laptop or other digital devices.

Cabin crew

Flight attendants prepare food and drink in the galley, serve it from trolleys wheeled down the aisle and assist passengers. At the start of each flight, they perform a safety demonstration, showing where the emergency exits are and how to use the life jacket that is stored under passengers' seats.

Toilets

An airliner's toilet works in a different way to your loo at home. Instead of using large amounts of water to flush away waste, plane toilets use suction and less than half a litre (0.1 gallons) of water mixed with disinfectant to draw waste away. It is held in a large tank which is emptied when the plane is back on the ground.

Some overhead lockers are used for storing

blankets, which flight attendants can hand

out to any passengers feeling chilly.

my

The heavier an airliner is, the more fuel it has to carry. So, the latest airliners replace some metal in the tail with lighter materials. In a Boeing 777, the weight saving allows the plane to carry a further 13 passenger.

Everybody out

If there is an emergency and the plane has to land away from an airport, passengers and crew need a way to get out quickly. Emergency slides are stored in the bottom of plane doors. They can take as little as six seconds to unroll and fully inflate, allowing people to slide down to the ground safely. An Airbus A380 airliner has 16 of these slides.



the seats in economy class are much smaller, more packed together and less comfortable than in the plane's other areas. They are also cheaper, which is why the majority of passengers travel here. Most airlines contain rows of four, six or eight seats. On some Air New Zealand flights, three economy seats convert into a skycouch - a bed that can sleep two passengers.

Extra engine

Airliners have a secret extra engine, often found in the tail of the plane, called the auxiliary power unit (APU). Instead of thrusting the airliner forward through the sky, the engine's power is used to run a generator to create electricity, particularly when the aircraft is on the ground. Generators on a Boeing 787 Dreamliner produce 1.45 megawatts of electricity - that's enough to

power hundreds of homes.

Inflight entertainment

Most airliners offer movies, TV shows, music and computer games on seat-back screens. More and more airlines are now offering inflight Internet connections so that passengers can surf the World Wide Web and enjoy movies and social media using their own devices, such as tablets and smartphones.



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Currently, the most expensive ticket available

anywhere in the world is a first-class return

from New York, USA, to Mumbai in India,

which costs around \$76,000!