

Driving behaviour Airside

MANUAL



Zurich Airport

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There is often hectic activity on the apron as many different companies are working in close proximity in a variety of vehicles in order to turn around aircraft as quickly as possible.

This manual is intended to highlight the greatest dangers and the most important rules of conduct on the apron and serves as a supplement to the e-learning module "Driving Theory Training". Help to avoid accidents: By observing the rules, by being considerate and by being prudent. Because safety concerns concerns us all.

General road safety

Vehicle

As the driver, you are responsible for your vehicle. Check that the vehicle is roadworthy and safe to drive. Loads must always be secured.



Driving behaviour

Drivers must not park or stop unnecessarily on service roads.

Vehicles turning onto a service road from an aircraft stand or secondary traffic area do not have right of way.

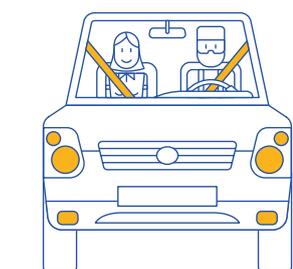
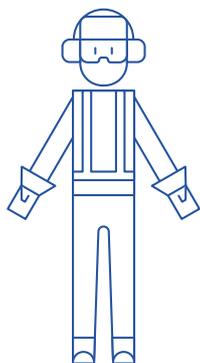
Taking a shortcut over an aircraft stand is forbidden.

Reverse only when no other alternative options are available. You do not have right of way over other road users when reversing. Drivers must not reverse a truck unless it is fitted with visual reversing aids or a second person is able to assist.

Unless otherwise indicated, the speed limit is 30 km/h. It is advisable to drive at walking pace on aircraft stands.

Mental fitness

Drivers must never drive under the influence of alcohol and/or drugs. Prescription medicines can also slow down your reaction times.



Lights and seatbelts

The front light (low beam or daytime running lights) must always be switched on. In heavy rain, snow, fog, at night, in poor lighting, poor visibility or in tunnels, the low beam must always be switched on. Always wear a seat belt – a matter of course.



Distractions

Avoid distractions when driving, in particular:

- Only use your phone when the vehicle is stationary
- Whenever possible take off ear defenders while driving

Stopping at taxiways

Drivers must always stop at these signs if an approaching aircraft is within the minimum distance (see page 10). Stop in front of the white wait line. Continue only once there is a sufficient safety distance.

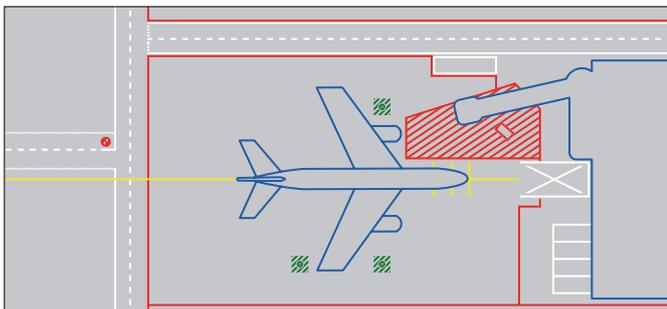


Staggered lines along the edge of a roadway indicate that it is crossing a taxiway at this point. Never stop on a roadway where it crosses a taxiway (like on a railway level crossing).



Ground markings

Three ground marking colours are very important at Zurich Airport.



□ White ground markings:

Roadways, restricted areas, pedestrian walkways and parking bays.

■ Yellow ground markings:

Taxiways and lead-in lines on aircraft stands.

■ Red ground markings:

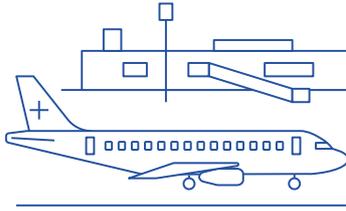
Aircraft stands and their restricted areas.



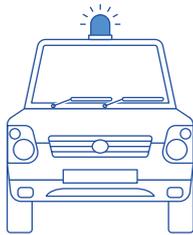
Watch out for runways! Never cross a runway stop bar. Never move off a roadway that crosses a taxiway.

Right-of-way priorities

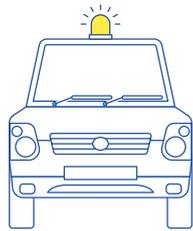
The following order of priorities applies:



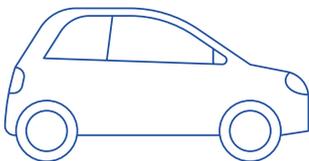
1. Aircraft (taxiing or with pushback tractor)



2. Vehicles with blue flashing hazard lights and two-tone sirens, e.g. police, ambulance or fire service vehicles



3. Vehicles with amber flashing hazard lights, e.g. Airport Authority, follow-me or sweeper vehicles



4. Other vehicles

Exceptions to right-of-way priorities

Fire service vehicles rushing to attend an aircraft in an emergency are permitted to disregard the above right-of-way priorities.

In such cases drivers may proceed with caution at an appropriate speed under their own responsibility.

Aircraft marshalling

It is sometimes necessary to direct aircraft at Zurich Airport. This is done by marshallers in follow-me vehicles. These vehicles may turn on their amber hazard lights and block the roadway.

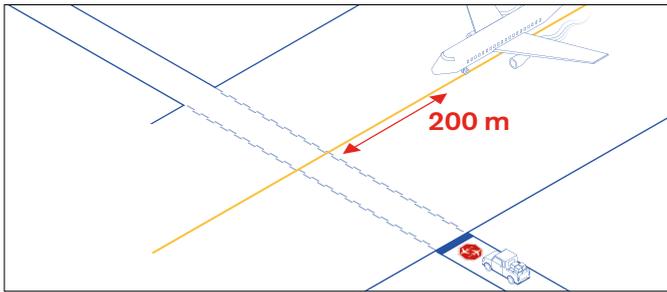
To keep such employees safe, it is forbidden to drive either in front of or behind the follow-me vehicle during this time.

Wait until the marshaller has completed directing the aircraft and has cleared the roadway again before continuing.



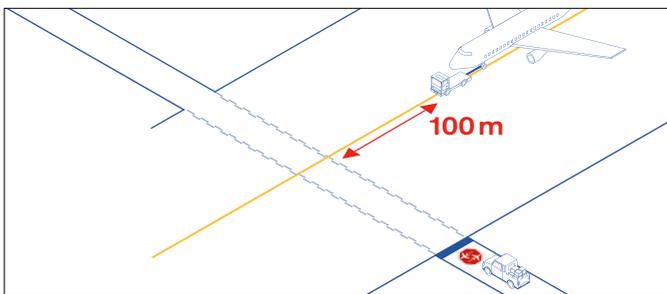
Clearances and distances

Taxiing aircraft

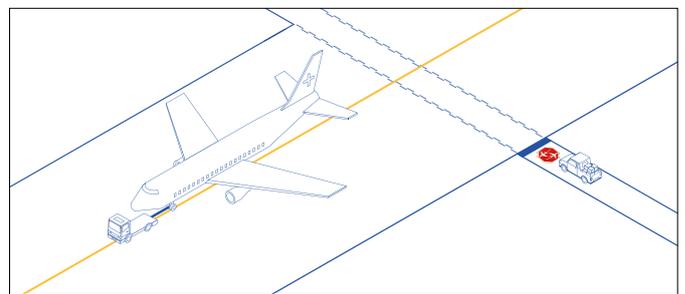


Minimum distance from the front of the aircraft: **200 m**

Aircraft under tow

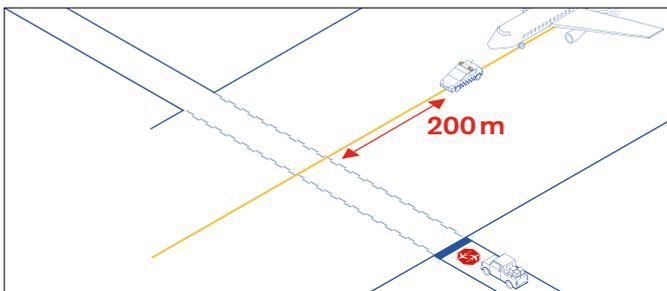


Minimum distance from the front of the aircraft: **100 m**
Caution: Pay attention to the taxiing direction!

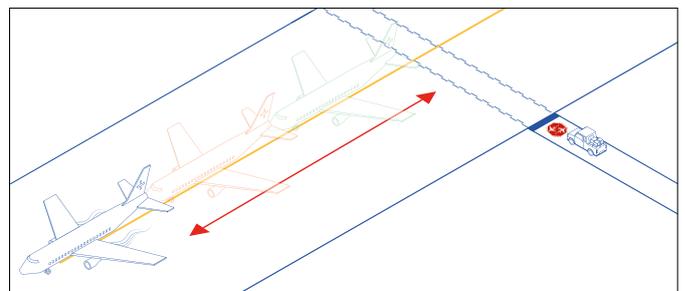


Minimum distance behind the aircraft: **no minimum distance**
Caution: Pay attention to the taxiing direction!

Aircraft accompanied by a follow-me vehicle

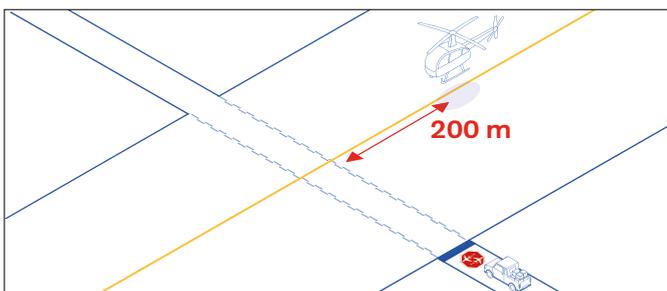


Minimum distance from the front of the follow-me vehicle: **200 m**



Minimum distance behind the aircraft: **two fuselage lengths**

Helicopters



Caution: Helicopters may hover along taxiways.
Keep the minimum distance: **200 m**

Terminal parking stands

Look out for signs of aircraft arriving/departing.

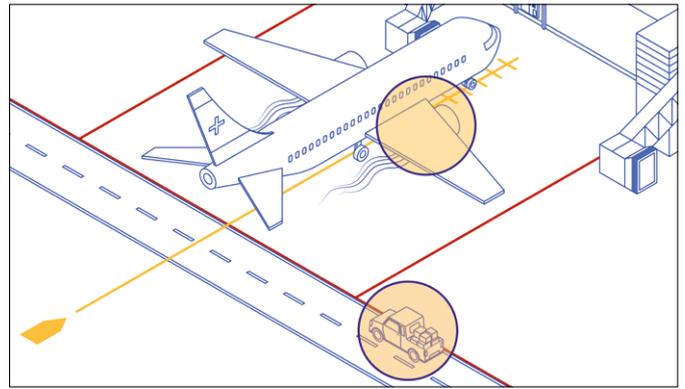
Personnel waiting on the aircraft stand and/or a switched-on docking guidance system indicate that an aircraft is about to arrive on a stand.

Where can you stop?

Stop 5 metres in front of the red boundary line if an aircraft is about to cross the roadway to park or depart.

When can you continue?

You may continue on your way behind the aircraft as soon as its engines have been switched off. Once the red flashing lights (beacons) on the aircraft are turned off, the engines have also been switched off.



Remote parking stands

Look out for signs of aircraft arriving/departing.

Personnel waiting on the stand and/or vehicles waiting in the vicinity indicate that an aircraft is about to arrive on a stand.

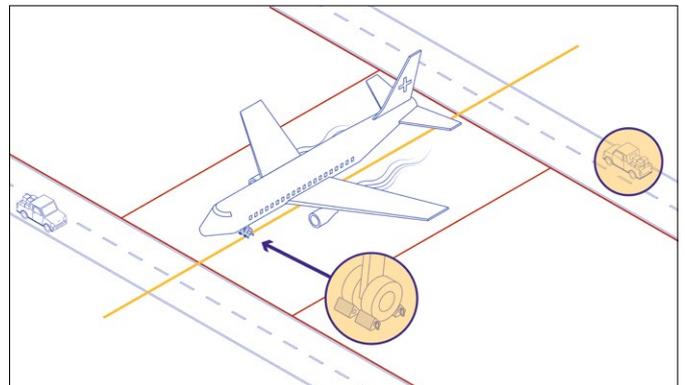
Where can you stop?

Stop 5 metres in front of the red boundary line if an aircraft is about to cross the roadway to park or depart.

When can you continue?

If you are on the roadway in front of the aircraft, wait until chocks have been placed against the wheels of the aircraft.

If you are behind the aircraft, always wait until its engines have been switched off. Once the red flashing lights (beacons) on the aircraft are turned off, the engines have also been switched off.



Pushback



If the pushback tractor is already at the aircraft but there is still work going on around the stand, **you may pass the aircraft.**



If the red lights (beacons) on the aircraft are flashing, you **may still pass** with great caution. The aircraft could start pushing back at any time.



Once the hazard lights on the pushback tractor start flashing, **passing behind the aircraft is forbidden.**

Departing aircraft



As long as the chocks are still in place, **you may pass the aircraft.** Always watch out behind the aircraft if the engines are switched on.



As soon as the red flashing lights (beacons) on the top and bottom of the fuselage are turned on, the chocks may be removed imminently. You may still pass the aircraft **with great caution.**



As soon as the chocks are removed, you **must not pass** in front of or behind the aircraft. The "thumbs-up" hand signal is for the pilot.

Emergency numbers

Incidents and accidents on the apron

Airport Authority

043 816 21 11

Safety-relevant issues on the apron

Ramp Safety

043 816 47 24

Infrastructure problems

Service 24

043 816 24 24

Lost ID cards

ZRH Center

043 816 37 10

Emergencies

Police

117

Fire

Fire service

118

Medical emergencies

Ambulance

144

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Gemeinsam sicher.

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