

see: [www.meteoblue.com/meteoScool](http://www.meteoblue.com/meteoScool) and [http://www.meteoblue.com/en\\_GB/content/647](http://www.meteoblue.com/en_GB/content/647)

## Plan a test flight for the A-380

The new large-scale passenger aircraft A-380 is to make a first test landing at Basel-Mulhouse airport (Euro-Airport, EAP) in order to test the suitability of the airport and its work flows.

The landing is to take place within the **coming 6 days**, and under **favourable weather** conditions, in order to permit parallel instrument and visual navigation, and to exclude an aborted landing or a re-routing of the flight. Further special safety and noise protection regulations must be followed. The A-380 will spend **three (3) hours at the airport**, in order to test the work flows on the ground; therefore the landing and the following take-off must take place in a time window **between 07:00 in the morning and 20:00** in the evening. On Sunday, landing is only permitted if no other day is available.

Weather forecast for Euro-Airport: [www.meteoblue.com/en\\_GB/point/forecast/tab/b/pictocastDaily/f/5453/c/ch](http://www.meteoblue.com/en_GB/point/forecast/tab/b/pictocastDaily/f/5453/c/ch)

Detail forecast for the airports: [http://www.meteoblue.com/en\\_GB/content/647](http://www.meteoblue.com/en_GB/content/647)

Overview maps for the comings weather: [www.meteoblue.com/en\\_GB/maps/advanced/europe](http://www.meteoblue.com/en_GB/maps/advanced/europe)

The requirements for the landing are listed in Table 1.

Table 1. List of requirements for the landing.

#	Requirement <sup>1)</sup>	Priority <sup>2)</sup>	Parameter <sup>3)</sup>	Value <sup>4)</sup>	Precision <sup>5)</sup>	Comments <sup>6)</sup>
1.	Landing approach must be done from North	MUST	Wind direction	Southeast-Southwest	with wind > 10 km/h	Approach above Basel forbidden.
2.	Not too strong wind or side wind.	MUST	Wind direction	below 60 km/h	not from East or West	Risk of side drift,
3.	No strong wind gusts	Want	Wind gusts	below 80 km/h		Risk of side drift
4.	No heavy precipitation	Want	Precipitation amount	Below 5 mm/h		No puddles on landing strip
5.	No snow 1 hr. before landing until 1 hr. after take-off	MUST	Snow fall	No snow fall		No snow on the landing strip
6.	Temperature below 35°C.	Want	Temperature	<35°C		Carrying ability of air
7.	Good Visibility at ground.	MUST	Cloud base level	> 600 Meter		Visibility

Notes 1) Description. 2)Priority: MUST= no Permission, if requirement is not fulfilled; Want= Permission under supervision, if 1-2 requirements are not fulfilled. 3) Weather measurement parameter. 4) Threshold value. 5) Further requirements. 6) Additional explanations.

Specify the best landing period for landing within the next 6 days:

- Which period is most suitable?
- Which risks are present during those periods?
- How much clearance is available before and after the planned period?
- Which alternate dates are there?
- If no safe period is available, can landing take place in Zurich?

Table 2. Possible periods for the A-380 Test landing.

#	Day	Hour (from-to)	Risks	Comments
1.				
2.				
3.				
4.				
5.				