

Capacity declaration Rotterdam The Hague Airport; winter 2018/2019

Available number of slots

The number of available slots for coordination by Airport Coordination Netherlands in the winter season 2018/2019 (October 28, 2018 through March 30, 2019) is specified in the table below. For the winter season local time equals UTC + 1 hours. The numbers as specified in this table are applicable to Commercial Aviation only.

	Slots available
Total	6.034

The number of available slots depends on assumptions for distribution over a 24 hours period and the types of aircraft used. The assumption of the aircraft mix is shown in the table below, changes in the aircraft mix and/or distribution over a 24 hours period can result in changes regarding the number of available slots.

Aircraft size	Percentage of flights	Average penalty L _{den}
Propeller aircraft 19-34 seats	< 0,1%	
Propeller aircraft > 35 seats	1,9%	1,64
Jet aircraft < 120 seats	22,2%	1,54
Jet aircraft > 120 seats	75,9%	1,62
Total	100,0%	1,60

Distribution of aircraft movements over a 24 hours period

Peak:	0555 - 0800 UTC (0655 - 0900 LT departures) 2100 - 2200 UTC (2200 - 2300 LT arrivals)
Off-peak:	0800 - 2200 UTC (0900 - 2300 LT departures) 0600 - 2100 UTC (0700 - 2200 LT arrivals)
Night restrictions:	2200 – 0555 UTC (2300 - 0655 LT departures) 2200 – 0600 UTC (2300 - 0700 LT arrivals)

Operating restrictions

Regular opening hours are 0600 - 2200 UTC (0700 - 2300 LT) outside these hours no slots can be allocated, except for:

- Incoming positioning flights for which slots can be allocated 0500 – 2259 UTC (0600 – 2359LT).
- Departing flights for which slots can be allocated at 0555 UTC (0655 LT), these flights are however not allowed to take off before 0600UTC (0700 LT).

Due to delay, individual incoming flights are allowed to be delayed into the period 2200-2359UTC (2300-0100LT), these night-delays should be no more then 3% of the slots allocated to an operator.

The latest departure slot for any commercial passenger flight is 2130 UTC (2230 LT).

Aircraft which are certificated in accordance with noise standards of ICAO Annex 16 Chapter 2 (and which are allowed to operate conform EU-regulation 92/14/EEG) are only allowed to operate between 0700 - 1700 UTC (0800-1800 LT).

An exception is made for aircraft certificated for a maximum take-off weight of 34 tons and a maximum seating capacity of 19 seats, these aircraft are allowed to operate 0600 - 2200 UTC (0700 - 2300 LT).

For aircraft which are certificated in accordance with the noise standards of ICAO Annex 16 Chapter 3, for which the margin of the sum of the three certificated noise levels, relative to the sum of the three applicable ICAO Annex 3 certification limits, is less than 5 EPNdB the same operational restrictions are applied as the aircraft certificated in accordance with noise standards of ICAO Annex 16 Chapter 2.

New slots will only be granted to aircraft which comply with categories R4, R5, R6, R7 or R8 of the ACI aircraft noise rating index. To comply with category R4 or better aircraft have to meet each of the requirements as mentioned below:

- Cumulative EPNdB reduction from ICAO Chapter 3 standard of at least 10 EPNdB
- Individual EPNdB reduction from ICAO Chapter 3 Standard at each noise measurement point of at least 2 EPNdB

Examples of aircraft types which are not (standardly) compliant are all non-chapter 4 compliant aircraft and Boeing 737-Classics and McDonnell Douglas MD80-series. For these aircraft a noise certificate has to be provided by the operator to prove that they are compliant to category R4 or better. A full list of the aircrafttypes can be found in appendix 1 of this capacity declaration.

It is noted that, if required for noise control purposes, the operational restrictions as specified above may be amended.

Terminal capacity

The capacity in the departure-lounge is limited to 900 passengers at any given moment. The average time spent by passengers in the departure-lounge is 60 minutes. This results in a maximum capacity of 900 passengers departing per hour except for the period 0555UTC-0700UTC (0655LT-0800LT). In the period 0555UTC-0700UTC (0655LT-0800LT) the maximum capacity is 1.200 passengers departing in this specific period.

There are 11 gates in the terminal, the split between Schengen and non-Schengen is flexible (minimum 1, maximum 6 Non-schengen gates) however switching in this split requires sufficient time. The limitation for the number of departing passengers to non-schengen destinations within the limitations mentioned above are 240 departing passengers per 30 minutes. Under specific circumstances (e.g. no other departing flights directly before or after the requested slot time) this limitation may be raised occasionally to 320 departing passengers to non-Schengen destinations per 40 minutes, up to the discretion of the coordinator.

The capacity in the arrival-halls is also limited but because the average time spent by passengers in this area is less and that due to variations in the actual arrival-times the passenger-load can not be predicted accurately. No more than 8 arriving aircraft with no more than 1.100 passengers in total are allowed in any 35 minutes period.

For cleaning of aircraft with transit-passengers (or any other form of disembarkation of transit-passengers) arriving on a flight which is not originating in "THIRD COUNTRIES RECOGNISED AS APPLYING SECURITY STANDARDS EQUIVALENT TO THE COMMON BASIC STANDARDS" (as mentioned in EU-regulations 185/2010 and 300/2008) is prior permission of the airport authorities required.

This limitation applies (at this moment) to at least all flights originating in e.g. Albania, Algeria, Egypt, Morocco, Tunisia and Turkey (among many other non EU-countries).

Appendix 1: List of Aircraft types that does not comply to ACI R4

Manufacturer	Type	Subtypes
Airbus	A300	All
	A310	All
Antonov	AN-124	All
	AN-24	All
	AN-26	All
	AN-30	All
	AN-32	All
	AN-72	All
	AN-74	All
British Aerospace	BAC 1-11	All
Boeing	707	All
	727	All
	737	100/200/300/400/500
	747	100/200/300/SP
Fokker	F27	All
	F28	All
Ilyushin	IL-62	All
	IL-76	T/TD
	IL-86	All
	IL-96	All
McDonnell Douglas	DC-8	All
	DC-9	All
	DC-10	All
	MD-11	All
	MD-80	All (MD80/81/82/83/87)
Tupolev	TU-134	All
	TU-154	All
Yakovlev	YAK-40	All
	YAK-42	All