

Aircraft - LTO Emission Input Parameters

Parameter	Source	Sample Data
Emission indices	HKIA future constrained schedules from IATA and EDMS database	Appendix 5.3.1-2
Airborne takeoff time	Radar data from CAD	Appendix 5.3.1-3
Groundborne takeoff time	Site Survey	Appendix 5.3.1-3
Approach time	Default value from EDMS in relation to mixing height	Appendix 5.3.1-3
Taxi-in time	TAAM model results from NATS in relation to wind direction	Appendix 5.3.1-3
Taxi-out time	TAAM model results from NATS in relation to wind direction	Appendix 5.3.1-3
Takeoff time	Record value from radar data and site surveys in relation to mixing height	Appendix 5.3.1-3
Climb-out time	Default value from EDMS in relation to mixing height	Appendix 5.3.1-3
Aircraft LTO schedule	HKIA future constrained schedules from IATA	Appendix 5.3.1-4
Aircraft type	HKIA future constrained schedules from IATA	Appendix 5.3.1-4
Busy day ratio	Based on typical monthly and daily profile recorded in 2011	Appendix 5.3.1-4
Aircraft engine model	HKIA future constrained schedules from IATA	Appendix 5.3.1-5
Meteorological data	PCRAMMET results	Appendix 5.3.1-5
Pollutants conversion factor	EDMS database	Appendix 5.3.1-5
Number of engine	HKIA future constrained schedules from IATA	Appendix 5.3.1-5