

GFS - Emission Input Parameters

Parameter	Source	Sample Data
GFS Flight Recoed in 2011	Provided by Government Flying Service (GFS)	Appendix 5.3.5-3
Aircraft and Helicopter type	Provided by Government Flying Service (GFS)	Appendix 5.3.5-2
Aircraft and Helicopter Engine Model and Number of Engine	Provided by Government Flying Service (GFS)	Appendix 5.3.5-2
Emission Indices and Pollutant Conversion Factor	EDMS Database, FOCA's Aircraft Piston Engine Emissions Summary Report and FOCA's Guidance on the Determination of Helicopter Emissions	Appendix 5.3.5-2
Time-in-mode	EDMS Database, FOCA's Aircraft Piston Engine Emissions Summary Report, FOCA's Guidance on the Determination of Helicopter Emissions and Site Survey at GFS in relation to the mixing height	Appendix 5.3.5-4
Meteorological data	PCRAMMET results	Appendix 5.3.1-5
Runway usage (for aircraft)	The runway used by GFS aircrafts are distributed among the six runways according to the hourly runway fraction used by commercial jets	Appendix 5.3.5-5
Flight Route Distance	Hong Kong Helicopter Flight Route provided by GFS in relation to the destination location	Appendix 5.3.5-3
Aviation Record and Information	Provided by Government Flying Service (GFS)	Appendix 5.3.5-6