

## Glossary of Acronyms in Aviation Environmental Research

ACI	Airports Council International
ACI-NA	Airports Council International-North America
ACRP	Airport Cooperative Research Program
AEDT	Aviation Environmental Design Tool
AEE	FAA's Office of Environment and Energy
AIA	Aerospace Industries Association of America
AIP	Airport Improvement Program
APEX	Aircraft Particle Emissions Experiment
APMT	Aviation Environmental Portfolio Management Tool
ASTM	American Society for Testing and Materials
ATA	Air Transport Association
AV030	TRB's Environmental Impacts of Aviation Committee
CAA	Cargo Airline Association
CAA	Clean Air Act
CAAFI	Commercial Aviation Alternative Fuels Initiative
CAEP	ICAO's Committee on Aviation Environmental Protection
CatEx	Categorical Exclusion
CCSP	Climate Change Science Program
CDA	Continuous Descent Approach
CEQ	Council on Environmental Quality
CO	Carbon Monoxide
CO <sub>2</sub>	Carbon Dioxide
COE	Center of Excellence
CORSAIRE	Coordination of Research for the Study of Aircraft Impact on the Environment
CTL	Coal to Liquid
CWA	Clean Water Act
DNL	Day-Night Noise Level
DOC	Department of Commerce
DOD	Department of Defense
DOT	Department of Transportation
EA	Environmental Assessment
EC	European Commission
EDMS	Emissions and Dispersion Modeling System
EDS	Environmental Design Space
EIPT	Environmental Integrated Product Team
EIS	Environmental Impact Statement
ELG	Effluent Limitation Guidelines
EPA	Environmental Protection Agency
FAA	Federal Aviation Administration
FAO	First Order Approximation
FICAN	Federal Interagency Committee on Aviation Noise
FT	Fischer Tropsch
GAO	Government Accountability Office

GHG	Greenhouse Gases
GSE	Ground Support Equipment
GTL	Gas to Liquid
HAP	Hazardous Air Pollutants
IATA	International Air Transport Association
IBAC	International Business Aviation Council
ICAO	International Civil Aviation Organization
ICCAIA	International Coordinating Council of Aerospace Industries Associations
ICSA	International Coalition for Sustainable Aviation
IFALPA	International Federation of Air Line Pilots' Associations
INM	Integrated Noise Model
IPCC	Intergovernmental Panel on Climate Change
JPDO	Joint Planning and Development Office
LAQ	Local Air Quality
MAGENTA	Model for Assessing Global Exposure to Noise from Transport Aircraft
NASA	National Aeronautics and Space Administration
NEPA	National Environmental Policy Act
NGATS	Next Generation Air Transportation System
NOAA	National Oceanic & Atmospheric Administration
NOx	Nitrous Oxides
NPDES	National Pollutant Discharge Elimination System
NPS	National Park Service
PARTNER	Partnership for AiR Transportation Noise and Emissions Reduction
PFC	Passenger Facility Charge
PM	Particulate Matter
REDAC	Research, Engineering, and Development Advisory Committee
RF	Radiative Forcing
RVSM	Reduced Vertical Separation Minimums
SAE	Society of Automotive Engineers
SAGE	System for Assessing Aviation's Global Emissions
SOx	Sulfur Oxides
PFC	Passenger Facility Charge
TMDL	Total Maximum Daily Load
TRB	Transportation Research Board
UEET	Ultra-Efficient Engine Technology
UHC	Unburned Hydrocarbon
UN	United Nations
UNFCCC	United Nations Framework Convention on Climate Change
USAF	United States Air Force
USFWS	U.S. Fish and Wildlife Service
UT/LS	Upper Troposphere/Lower Stratosphere
VALE	Voluntary Airport Low Emissions Program
VOC	Volatile Organic Compounds
WMO	World Meteorological Organization