

ICAO Environmental Publications

ICAO ANNEXES

- Annex 16 to the Convention on International Civil Aviation – Environmental Protection, Volume I – Aircraft Noise
- Annex 16 to the Convention on International Civil Aviation – Environmental Protection, Volume II – Aircraft Engine Emissions
- Annex 16 to the Convention on International Civil Aviation – Environmental Protection, Volume III – Aeroplane CO₂ Emissions
- Annex 16 to the Convention on International Civil Aviation – Environmental Protection, Volume IV – Carbon Offsetting and Reduction Scheme for International Aviation (CORSA)

ICAO ENVIRONMENTAL TECHNICAL MANUAL

- Environmental Technical Manual Volume I – Procedures for the Noise Certification of Aircraft (Doc 9501, Vol I)
- Environmental Technical Manual Volume II – Procedures for the Emissions Certification of Aircraft Engines (Doc 9501, Vol II)
- Environmental Technical Manual, Volume III – Procedures for the CO₂ Emissions Certification of Aeroplanes (Doc 9501, Vol III)
- Environmental Technical Manual, Volume IV – Procedures for demonstrating compliance with the Carbon Offsetting and Reduction Scheme for International Aviation (CORSA) (Doc 9501, Vol IV)

ICAO GUIDANCE DOCUMENTS AND MANUALS

- Procedures for Air Navigation Services – Aircraft Operations (OPS) (Doc 8168 – 2nd edition, 2002)
- ICAO's Policies on Charges for Airports and Air Navigation Services (Doc 9082 – 9th edition, 2012)
- Airport Planning Manual, Part 2 – Land Use and Environmental Control (Doc 9184 – 3rd edition, 2002)
- Global Air Navigation Plan for CNS/ATM Systems (Doc 9750 – 5th edition, 2016)
- Guidance on the Balanced Approach to Aircraft Noise Management (Doc 9829 – 2nd edition, 2008)
- Guidance on Aircraft Emission Charges Related to Local Air Quality (Doc 9884 – 1st edition, 2007)
- Guidance on the Use of Emissions Trading for Aviation (Doc 9885 – 1st edition, 2008)
- Airport Air Quality Manual (Doc 9889 – 1st edition, 2011)
- Continuous Descent Operations (CDO) Manual (Doc 9931 – 1st edition, 2010)
- Guidance on the Development of States' Action Plans on CO₂ Emissions Reduction Activities (Doc 9988 – 3rd edition, 2019)
- Guidance on Environmental Assessment of Proposed Air Traffic Management Operational Changes (Doc 10031, 1st edition, 2014)
- Transforming Global Aviation Collection: Renewable Energy for Aviation (Published 2017)

- Transforming Global Aviation Collection: Financing Aviation Emissions Reductions (Published 2017)
- Transforming Global Aviation Collection: Regulatory and Organizational Framework to Address Aviation Emissions (Published 2017)
- Transforming Global Aviation Collection: Sustainable Aviation Fuels Guide, Version 2 (Published 2018)

REPORTS

- Independent Experts NO_x Review and the Establishment of Medium and Long Term Technology Goals for NO_x (Doc 9887 – Published 2008)
- Report of the High-level Meeting on International Aviation and Climate Change (Doc 9929 – Published 2010)
- Report to CAEP by the CAEP Noise Technology Independent Expert Panel. Aircraft Noise Technology Review and Medium and Long Term Noise Reductions Goals (Doc 9943 – Published 2010)
- Report on Voluntary Emissions Trading for Aviation (VETS Report) (Doc 9950 – Published 2010)
- Report of the Independent Experts to CAEP/8 on the Second NO_x Review and the Establishment of Medium and Long Term Technology Goals for NO_x (Doc 9953 – Published 2010)
- Report of the Independent Experts on the Medium and Long Term Goals for Aviation Fuel Burn Reduction from Technology (Doc 9963 – Published 2010)
- Report on Environmental Management System (EMS) Practices in the Aviation Sector (Doc 9968 – 1st edition, 2012)
- Report by the Second CAEP Noise Technology Independent Expert Panel (Doc 10017 – Published 2014)
- Final Report of the Independent Expert Operational Goals Group (IEOGG) (Doc 10021 – Published 2014)
- Final Report of the Independent Expert Integrated Technology Goals Assessment and Review for Engines and Aircraft (Doc 10127 – Published 2019)

CAEP Reports

- Report of the Committee on Aviation Environmental Protection, Eleventh Meeting Montréal, 1 – 12 February 2016 (Doc 10126, CAEP/11)
- Report of the Committee on Aviation Environmental Protection, Tenth Meeting Montréal, 1 – 12 February 2016 (Doc 10069, CAEP/10)
- Report of the Committee on Aviation Environmental Protection, Ninth Meeting Montréal, 4 – 15 February 2013 (Doc 10012, CAEP/9)
- Report of the Committee on Aviation Environmental Protection, Eighth Meeting Montréal, 1 – 12 February 2010 (Doc 9938, CAEP/8)
- Report of the Committee on Aviation Environmental Protection, Seventh Meeting Montréal, 5 – 16 February 2007 (Doc 9886, CAEP/7)
- Report of the Committee on Aviation Environmental Protection, Sixth Meeting Montréal, 2 – 12 February 2004 (Doc 9836, CAEP/6)

ICAO Environmental Reports

- ICAO Environmental Report, 2016
- ICAO Environmental Report, 2013
- ICAO Environmental Report, 2010
- ICAO Environmental Report, 2007

STUDIES

- Noise Abatement Procedures: Review of Research, Development and Implementation Projects - Discussion of Survey Results (Doc 9888 – 1st edition, 2010)
- Recommended Method for Computing Noise Contours around Airports (Doc 9911 – 2nd edition, 2018)
- Scoping Study on the Application of Emissions Trading and Offsets for Local Air Quality in Aviation, First edition, 2011 (Doc 9948 – 1st edition, 2011.)
- Scoping Study of Issues Related to Linking “Open” Emissions Trading Systems Involving International Aviation, 2011 (Doc 9949 – 1st edition, 2011)
- Offsetting Emissions from the Aviation Sector (Doc 9951 – 1st edition, 2011)
- Operational Opportunities to Minimize Fuel Use and Reduce Emissions (Doc 10013 – 1st edition, 2014)

Feasibility Studies

- Feasibility Study on the use of Solar Energy at Piarco International Airport – Trinidad and Tobago (Published 2018)
- Feasibility Study on the use of Sustainable Aviation Fuels – Dominican Republic (Published 2017)
- Feasibility Study on the use of Sustainable Aviation Fuels – Trinidad and Tobago (Published 2017)
- Feasibility Study on the use of Sustainable Aviation Fuels – Burkina Faso (Published 2018)
- Feasibility Study on the use of Sustainable Aviation Fuels – Kenya (Published 2018)

ICAO CIRCULARS

- Effects of PANS-OPS Noise Abatement Departure Procedures on Noise and Gaseous Emissions (Cir 317 – Published 2008)
- Community Engagement for Aviation Environmental Management (Cir 351 – Published 2017)

ICAO E-PUBLICATIONS

- Eco-Airport e-collection: Waste Management at Airports
- Eco-Airport e-collection: An Environmental Management System for Airports
- Eco-Airport e-collection: A Focus on the production of renewable energy at the Airport site
- Eco-Airport e-collection: Eco-Design of Airport Buildings
- Global Air Traffic Management efficiency and the environmental impact of uncompensated traffic growth
- Environmental Community Engagement for Performance-Based Navigation
- Climate Adaptation Synthesis
- Aircraft end-of-life and recycling