

7 References

- 14 CFR Part 158, *Passenger Facility Charges*
- 14 CFR Part 139, *Airport Certification*
- 14 CFR Part 150, *Airport Noise Compatibility Planning*
- 14 CFR Part 157, *Notice of Construction, Alteration, Activation, and Deactivation of Airports*
- 14 CFR Part 77, *Objects Affecting Navigable Airspace*
- 15 U.S.C. §§ 2601-2692
- 16 U.S.C. §§ 661 – 667d
- 33 U.S.C. § 1251 et seq.
- 33 U.S.C. § 1311
- 33 U.S.C. § 1341
- 33 U.S.C. §§ 2701 - 2762
- 36 CFR § 800.16(d)
- 40 CFR § 1502.14(d)
- 40 CFR § 1506.2(d)
- 40 CFR § 50
- 40 CFR § 93.158
- 40 CFR §§ 1500-1508
- 40 CFR Part 112
- 42 U.S.C. § 61 et seq.
- 42 U.S.C. §§ 13101 – 13109
- 42 U.S.C. §§ 2000d – 2000d-7
- 42 U.S.C. §§ 2601 – 2697
- 42 U.S.C. §§ 300(f) – 300j-26
- 42 U.S.C. §§ 6901-6992k
- 42 U.S.C. § 7401 et seq.
- 42 U.S.C. §§ 9601-9675
- 49 CFR Part 24
- 49 U.S.C § 47106
- 49 U.S.C § 47107
- 49 U.S.C. § 303
- 49 U.S.C. § 40103(b)
- 49 U.S.C. § 40117
- 49 U.S.C. § 44502(b)
- 49 U.S.C. § 47101 et seq.



49 U.S.C. § 47106(a)(1)

49 U.S.C. § 47107(a)(16)

50 CFR § 402.02

84 Federal Register 6462 (February 27, 2019)

American Airlines Group, July 22, 2021, *American Airlines Group (AAL) Q2 2021 Earnings Call Transcript*. On-line: <https://news.alphastreet.com/american-airlines-group-inc-aal-q2-2021-earnings-call-transcript/>, Accessed August 2021.

Back to the future? Airline sector poised for change post-COVID-19, April 2, 2021. On-line: <https://www.mckinsey.com/industries/travel-logistics-and-infrastructure/our-insights/back-to-the-future-airline-sector-poised-for-change-post-covid-19>, Accessed June 2020.

Charlotte Douglas International Airport, 2020, *CLT Fast Facts*. Available on-line: https://assets.ctfassets.net/jaw4bomip9l3/5F2nlKBcnnqIGJqEMaU3X/b29e68b6a9d680ee215eef1ed4412ad0/Fast_Facts-Jan._2020.pdf, Accessed January 2020.

City of Charlotte, *Citywide Projects Portal*. Available on-line: <https://charlottenc.gov/projects/Pages/default.aspx>, Accessed February 4, 2021.

Climate Change Division, Office of Atmospheric Programs, U.S. Environmental Protection Agency, 2009, *Technical Support Document for Endangerment and Cause or Contribute Findings for Greenhouse Gases*.

Conference call with FAA, AA ramp operators and the Consultant Team, January 30, 2018.

Delta Air Lines, July 14, 2021, *Delta Air Lines (DAL) Q2 2021 Earnings Call Transcript*. On-line: <https://www.fool.com/earnings/call-transcripts/2021/07/14/delta-air-lines-dal-q2-2021-earnings-call-transcri/>, Accessed August 2021.

Duke Energy, 2016, *Duke Energy completes acquisition of Piedmont Natural Gas*. Available on-line: <https://news.duke-energy.com/releases/duke-energy-completes-acquisition-of-piedmont-natural-gas>, Accessed September 19, 2018.

Duke Energy, December 2019, *Fast Facts*. Available on-line: <https://www.duke-energy.com/media/pdfs/our-company/duke-energy-fast-facts.pdf?la=en>, Accessed December 2020.

Email correspondence Amber Leathers, February 22, 2021.

Email correspondence Amber Leathers, February 25, 2021.

Email correspondence on October 24, 2019 to L. Scott, CLT Planning and Environmental Manager.

Environmental Data Resources, Inc, August 14, 2018, *EDR Area/Corridor Report*.

Executive Order (EO) 11988, *Floodplain Management*

EO 11990, *Protection of Wetlands*

EO 12580, *Superfund Implementation*

EO 12898, *Federal Actions to Address Environmental Justice in Minority and Low-Income Populations*

EO 13045, *Protection of Children from Environmental Health Risks and Safety Risks*

EO 13123, *Greening the Government Through Efficient Energy Management*

EO 13693, *Planning for Federal Sustainability in the Next Decade*

EO 12088, *Federal Compliance with Pollution Control Standards*

Federal Aviation Administration (FAA), 2005, Advisory Circular (AC) 150/5070-6B, *Airport Master Plans*

FAA, 2017, AC 150/5370-2G, *Operational Safety on Airports During Construction*

FAA, 2012, AC 150/5300-13A, *Airport Design*

FAA, 2014, AC 150/5300-13A-Change 1, *Airport Design*, page 44, paragraph 302(c),(3).

FAA, 2015, *Aviation Emissions and Air Quality Handbook Version 3, Update 1*

FAA, 2015, Order 1050.1F, *Environmental Impacts: Policies and Procedures*

FAA, 2006, Order 5050.4B, *National Environmental Policy Act (NEPA) Implementing Instructions for Airport Projects*

FAA, 2019, Order 5090.5, *Formulation of the National Plan of Integrated Airport Systems (NPIAS) and Airports Capital Improvement Plan (ACIP)*

FAA, 2019, Order JO 7110.56Y, *Air Traffic Control*

FAA, NextGen Priorities Joint Implementation Plan, Executive Report, Rolling Plan 2017-2019

FAA, 2021, *Technology*. Available on-line: https://www.faa.gov/air_traffic/technology/, Accessed January 2021.

FAA, April 2015, *Fact Sheet - Wake RECAT*. Available on-line: https://www.faa.gov/news/fact_sheets/news_story.cfm?newsId=18676&omniRss=fact_sheetsAoc&cid=103_F_S, Accessed December 2020.

FAA, February 2007, *Fact Sheet - Data Communications (Data Comm)*. Available on-line: https://www.faa.gov/news/fact_sheets/news_story.cfm?newsId=21994, Accessed December 2020.

Federal Highway Administration, *Construction Noise Handbook, 9.0 Construction Equipment Noise Levels and Ranges*. Available on-line:

http://www.fhwa.dot.gov/environment/noise/construction_noise/handbook/handbook09.cfm, Accessed August 2, 2018.

HDR, May 1, 2020, *Mitigation Assessment for Proposed Impacts, CLT Airport Expansion (SAW-2018-01071)*.

Hoopfer, Evan, October 23, 2020, *American Airlines exec sheds light on replacing lost business travel revenue, Charlotte Business Journal*. Available on-line:

<https://www.bizjournals.com/charlotte/news/2020/10/23/american-airlines-business-travel.html>, Accessed December 2020.

IdeaWorks Company, December 2020, *The Journey Ahead: How the Pandemic and Technology will Change Airline Business Travel*. Available on-line: <https://ideaworkscompany.com/wp-content/uploads/2020/12/Journey-Ahead-Airline-Business.pdf>, Accessed December 2020.

Intergovernmental Panel on Climate Change (IPCC), November 2014, *Fifth Assessment Report (AR5)*.

Landrum & Brown and Applied Research Associates, February 2016, *Charlotte-Douglas International Airport Master Plan Update (Phase 1) Safety Risk Management Report*.

Landrum & Brown, March 2016, *Final Environmental Assessment, Charlotte Douglas International Airport, Terminal Area and Support Facilities Improvements*.



- Landrum & Brown, February 2016, *Charlotte-Douglas International Airport Master Plan Update (Phase 1) Airport Capacity Enhancement Plan (ACEP)*.
- Landrum & Brown, February 2016, *Charlotte-Douglas International Airport Master Plan Update (Phase 1) Airport Layout Plan (ALP) Narrative Report*.
- Landrum & Brown, February 2016, *Charlotte-Douglas International Airport Master Plan Update (Phase 1) Support Facilities Report*.
- Leff, Gary, October 21, 2020, *American Airlines CEO: Today's Passengers Are "Somewhat Different From Our Normal Clientele,"* View From the Wing. Available on-line: <https://viewfromthewing.com/american-airlines-ceo-todays-passengers-are-somewhat-different-from-our-normal-clientele/>, Accessed December 2020.
- Manfredi, Lucas, October 15, 2020, *Delta, United CEOs forecast the return of business travel*, FOX Business. Available on-line: <https://www.foxbusiness.com/lifestyle/delta-united-ceos-forecast-business-travel-return>, Accessed December 2020.
- McKinsey & Company, October 30, 2020, *COVID-19: Briefing Materials*.
- Mecklenburg County GWS Well Information System 3.0, Mecklenburg County GWS. Available on-line: <https://edmsmapserver.mecklenburgcountync.gov/wis4/>, Accessed January 25, 2021
- Melrose, Alan, 2010, *European ATM and Climate Adaptation: A Scoping Study*, ICAO Environmental Report.
- MFTranscribing, January 14, 2021, *Delta Air Lines (DAL) Q4 2020 Earnings Call Transcript*. Available on-line: <https://www.fool.com/earnings/call-transcripts/2021/01/14/delta-air-lines-dal-q4-2020-earnings-call-transcri/>, Accessed January 2021.
- MXD Development Strategists, Jacobs, Kimley-Horn & Associates, and Lyerly Agency, 2017, *Charlotte-Douglas International Airport Areas Strategic Development Plan*.
- National Aeronautics and Space Administration, December 16, 2020, *Airspace Technology Demonstration 2 (ATD-2): Integrated Arrival/Departure/Surface (IADS) Traffic Management*. Available on-line: <https://aviationsystems.arc.nasa.gov/research/atd2/index.shtml>, Accessed December 2020.
- NCDEQ, Division of Waste Management, Hazardous Waste Sites Map. Available on-line: <https://deq.nc.gov/about/divisions/waste-management/waste-management-rules-data/waste-management-gis-maps/tsd-map-viewer>, Accessed January 26, 2021.
- NCDEQ, Division of Waste Management, Inactive Hazardous Sites Map. Available on-line: <https://deq.nc.gov/about/divisions/waste-management/waste-management-rules-data/waste-management-gis-maps/ihs-map-viewer>, Accessed January 26, 2021.
- NCDEQ, Division of Waste Management, Underground Storage Tank Databases and Reports. Available on-line: <https://deq.nc.gov/about/divisions/waste-management/ust/databases>, Accessed January 26, 2021.
- NCDEQ, Division of Waste Management, Underground Storage Tank Incidents Map. Available on-line: <https://deq.nc.gov/about/divisions/waste-management/waste-management-rules-data/waste-management-gis-maps/rust-map>, Accessed January 26, 2021.
- NCDEQ, Solid Waste. Available on-line: <https://deq.nc.gov/about/divisions/waste-management/sw/data>, Accessed September 24, 2018.
- NCDEQ, Waste Management Solid Waste Section, Landfill Capacity for Fiscal Year 2018-2019. Available on-line:

<https://edocs.deq.nc.gov/WasteManagement/DocView.aspx?id=1360283&dbid=0&repo=WasteManagement&searchid=cfaa04f4-835e-40b9-9ef4-c9da32a4e4df>, Accessed January 29, 2021.

NCDEQ, Waste Management. Available on-line: <https://deq.nc.gov/about/divisions/waste-management>, Accessed January 2021.

Public Law (P.L.) 86-523, 16 U.S.C. 469-469c-2

P.L. 89-665; 16 U.S.C. 470 et seq.

RS&H, December 2018, *Charlotte Douglas International Airport EIS Forecast Gate Analysis*.

South Carolina Department of Environmental Control Solid Waste. Accessed on-line: <https://www.scdhec.gov/environment/land-management/solid-waste>, Accessed September 24, 2018.

Stankiewicz, Kevin, October 22, 2020, *Southwest CEO: It may be 10 years before business travel returns so we're focusing on leisure fliers*, CNBC. Available on-line: <https://www.cnbc.com/2020/10/22/southwest-ceo-gary-kelly-on-return-of-business-travel-from-coronavirus.html>, Accessed December 2020.

Transportation Security Administration, TSA checkpoint travel numbers (current year(s) versus prior year/same weekday). On-line: <https://www.tsa.gov/coronavirus/passenger-throughput>, Accessed August 2021.

Töre, Özgür, October 22, 2020, *GBTA Poll Reveals Impact of COVID-19 on Business Travel*, Ftn News. Available on-line: <https://ftnnews.com/tours/40518-gbta-poll-reveals-impact-of-covid-19-on-business-travel>, Accessed October 22, 2020.

U.S. Department of Transportation (USDOT) and FAA, Report to Congress National Plan of Integrated Airport Systems (NPIAS) Report, 2019 – 2023.

USDOT Federal Railroad Administration, September 5, 2019. Available on-line: https://railroads.dot.gov/sites/fra.dot.gov/files/fra_net/19017/DC2RVA%20ROD_05Sept2019_pdfa.pdf, Accessed September 29, 2020.

U.S. Fish and Wildlife Service, July 17, 2020, *Endangered Species, Threatened Species, and Candidate Species, Mecklenburg County, North Carolina*. Available on-line: <https://www.fws.gov/raleigh/species/cntylist/mecklenburg.html> Accessed December 2020.

United Airlines Holding Inc, July 21, 2021, *United Airlines Holding Inc (UAL) Q2 2021 Earnings Call Transcript*. On-line: <https://www.fool.com/earnings/call-transcripts/2021/07/21/united-airlines-holdings-inc-ual-q2-2021-earnings/>, Accessed August 2021.

United States Census Bureau, 2020, *American Community Survey 2015-2019, 5-Year Estimate*. Available on-line: <https://data.census.gov/cedsci/>, Accessed January 2021.

United States Government Accountability Office, June 2009, *GAO Report to Congressional Committees, Aviation and Climate Change*.

USDOT Order 5610.2(a)

USDOT Order 5650.2, *Floodplain Management and Protection*

USDOT Order 5660.1A, *Preservation of the Nation's Wetlands*

USEPA, *Interactive Map of Sole Source Aquifers*. Available on-line: <https://epa.maps.arcgis.com/apps/webappviewer/index.html?id=9ebb047ba3ec41ada1877155fe31356b>, Accessed January 25, 2021.



VHB Engineering NC, P.C. in association with InterVISTAS, April 18, 2018, *Charlotte Douglas International Airport Environmental Impact Statement Forecast Technical Memorandum*.

VHB Engineering NC, P.C. in association with InterVISTAS, May 8, 2019, *Charlotte Douglas International Airport Environmental Impact Statement Gating Analysis*.

VHB Engineering NC, P.C. in association with Parish and Partners, Inc. and TransSolutions, July 31, 2018, *Charlotte Douglas International Airport, Environmental Impact Statement, Purpose and Need Working Paper*.

Wyman, Oliver, November 11, 2020, *How Videoconferencing and Covid-19 May Permanently Shrink The Business Travel Market*, Forbes. Available on-line:

<https://www.forbes.com/sites/oliverwyman/2020/11/11/how-covid-19-may-permanently-shrink-the-business-travel-market/?sh=7b5977342432>, Accessed December 2020.