



A. Acronyms/Glossary

Appendix A. provides all acronyms found in the Trenton-Mercer Airport Environmental Assessment. This appendix also provides a glossary in alphabetical order.

A.1. ACRONYMS

A

AACC	Airport Authorities Coordinating Council
AAD	Average Annual Day
AC	Advisory Circular
ACAIS	Air Carrier Activity Information System
ACEIT	Airport Construction Emissions Inventory Tool
ACI	Airports Council International
ACM	Asbestos Containing Material
ACRP	Airport Cooperative Research Program
ACS	American Community Survey
ADA	American Disabilities Act
AFFF	Aqueous Film-Forming Foams
ALP	Airport Layout Plan
AMPU	Airport Master Plan Update
APE	Area of Potential Effect
ARFF	Aircraft Rescue and Firefighting
AST	Above-Ground Storage Tank
ATR	Automatic Traffic Recorder

B

BaP	Benzo(a)pyrene
BMPs	Best Management Practices

C

CAA	Clean Air Act
CATEX	Categorical Exclusion
CBRS	Coastal Barrier Resources System
CDG	Checkpoint Design Guide
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CEQ	Council on Environmental Quality
CFR	Code of Federal Regulations
CGP	Construction General Permit
CH ₄	Methane
CO	Carbon Monoxide



CO₂ Carbon Dioxide
 CRSSA Center for Remote Sensing and Spatial Analysis
 CWA Clean Water Act

D

dB Decibel
 DEA Draft Environmental Assessment
 DNL Day Night Average Sound Level
 D&R Delaware and Raritan
 DRCC Delaware and Raritan Canal Commission

E

EA Environmental Assessment
 EDR Environmental Data Resources, Inc.
 EJ Environmental Justice
 EO Executive Order
 ESA Endangered Species Act
 ESA Environmental Site Assessment
 ENSP Endangered and Nongame Species Program

F

FAA Federal Aviation Administration
 FAR Federal Aviation Regulations
 FBO Fixed Based Operator
 FEMA Federal Emergency Management Agency
 FHWA Federal Highway Administration
 FTA Federal Transit Administration
 FHA Flood Hazard Area
 FHACA Flood Hazard Area Control Act
 FICWD Federal Interagency Committee for Wetland Delineation
 FIRM Flood Insurance Rate Maps
 FONSI Finding of No Significant Impact
 FPPA Farmland Protection Policy Act

G

GA General Aviation
 GHG Greenhouse Gas
 GPR Ground Penetrating Radar
 GWQS Ground Water Quality Standards

*H*

HC	Hydrocarbons
HFC	Hydrofluorocarbons
HMMH	Harris Miller & Hanson, Inc.
HVAC	Heating, Ventilation, and Air Conditioning

I

IATA	International Air Transport Association
IES	Illuminating Engineering Society
IGW	Impact to Groundwater
IPaC	USFWS Information, Planning and Consultation

L

LBP	Lead Base Paint
LCC	Low-Cost Carrier
LEED	Leadership in Energy and Environmental Design
LOD	Limit of Disturbance
LOI	Letter of Interpretation
LOS	Level of Service
LU/LC	Land Use/Land Cover

M

MEP	Mechanical, Electrical, and Plumbing
MJ	McFarland Johnson
MS4	Municipal Separate Storm Sewer System

N

NAAQS	National Ambient Air Quality Standards
NEPA	National Environmental Policy Act
NFIP	National Flood Insurance Act of 1968
NHP	New Jersey Natural Heritage Program
NHPA	National Historic Preservation Act
NJ	New Jersey
NJANG	New Jersey Army National Guard
NJDEP	New Jersey Department of Environmental Protection
NJDFW	New Jersey Division of Fish and Wildlife
NJFWPA	New Jersey Freshwater Wetlands Protection Act
NJPDES	New Jersey Pollutant Discharge Elimination System
NJSDOT	New Jersey State Department of Transportation
NLEB	Northern Long-Eared Bat
NPDES	National Pollution Discharge Elimination System



NPL	National Priorities List
NO ₂	Nitrogen Dioxide
NO _x	Nitrogen Oxides
N ₂ O	Nitrous Oxide
NMFS	National Marine Fisheries Service
NOTAM	Notices to Airmen
NPDES	National Pollution Discharge Elimination System
NRCS	Natural Resources Conservation Service
NRDC	Non-Residential Direct Contact
NRHP	National Register of Historic Places
NWI	National Wetlands Inventory

O

O ₃	Ozone
OSHA	Occupational Safety and Health Administration

P

PAH	Poly aromatic Hydrocarbons
PARA	Parkway Avenue Redevelopment Area
Pb	Lead
PBB	Passenger Boarding Bridge
PFAs	Perfluoroalkyl and Polyfluoroalkyl Substances
PFC	Passenger Facility Charges
PFC	Perfluorocarbons
Phase I ESA	Phase I Environmental Site Assessment
PM	Particulate Matter
PPE	Personal Protective Equipment
PNCWS	Public Non-Community Water Supply Well
PSE&G	Public Service Electric and Gas Co.

R

ROD	Record of Decision
RON	Remote Overnight
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Conditions

S

SCD	Soil Conservation District
SDWA	Safe Drinking Water Act
SESCP	Soil Erosion and Sediment Control Plan
SF ₆	Sulfur Hexafluoride



SF	Square Feet
SIP	State Implementation Plan
SHPO	State Historic Preservation Office
SO ₂	Sulfur Dioxide
SSA	Sole Source Aquifer
SPCC	Spill Prevention, Control and Countermeasure Plan
SPLP	Synthetic Precipitation Leaching Procedure
SPPP	Stormwater Pollution Prevention Plan

T

TAP	Terminal Area Plan
TMDL	Total Maximum Daily Load
TNW	Traditional Navigable Water
TRB	Transportation Research Board
TSA	Transportation Security Administration
TTN	Trenton-Mercer Airport
TWA	Treatment Works Approval

U

Urban	Urban Engineers, Inc.
US	United States of America
USACE	U.S. Army Corps of Engineers
USDA	U.S. Department of Agriculture
USEPA	U.S. Environmental Protection Agency
USDOT	U.S. Department of Transportation
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
UST	Underground Storage Tank

V

VOC	Volatile Organic Compounds
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W

WHPA	Wellhead Protection Area
WOTUS	Waters of the United States
WQC	Water Quality Certification
WQMC	Water Quality Management Consistency



A.2. GLOSSARY

A

Aircraft Rescue and Firefighting (ARFF)¹ - airports that require a 14 Code of Federal Regulations (CFR) Part 139 Airport Certificate (defined under C) must provide ARFF services during air carrier operation that meet the Part 139 requirements. For example, a Part 139 certified airport is required to have an emergency plan, ARFF vehicle(s), equipment, personnel, and facility.

Airport Layout Plan² – A scaled drawing of the existing and planned land and facilities necessary for the operation and development of an airport.

Apron² – A specified portion of the airfield used for passenger, cargo or freight loading and unloading, aircraft parking, and the refueling, maintenance and servicing of aircraft.

B

Baggage Claim³ – or inbound baggage processing is a designated area where arriving passengers reclaim their checked baggage after their flight. Baggage claim typically includes airline offices, city and transportation information, rental car counters, concessions, restrooms, and mechanical spaces.

Baggage Make-Up⁴ – is where outbound baggage goes after it is tagged in the check-in lobby. Baggage make-up is a secure area where baggage is sorted, screened, and prepared to be transported to aircraft. Some airlines may have their own outbound baggage make-up processing area.

C

Commercial Service Airport⁵ – is an airport category defined by the FAA as a publicly owned airport that has at least 2,500 passenger boardings each calendar year and receives scheduled passenger service.

[14] Code of Federal Regulations (CFR) Part 139 Airport Certificate⁶ - all airports that serve scheduled and unscheduled air carrier aircraft with more than 30 seats or serve scheduled air carrier operations in aircraft with more than nine seats, but less than 31 seats are required to have a certificate that ensures air transportation safety by requiring the airport to adhere to certain FAA

¹ https://www.faa.gov/airports/airport_safety/aircraft_rescue_fire_fighting/

² https://www.faa.gov/documentLibrary/media/Advisory_Circular/AC_150_5070-6B_with_chg_1&2.pdf

³ FAA AC 150/5360-13A, *Airport Terminal Planning*

⁴ FAA AC 150/5360-13A, *Airport Terminal Planning*

⁵ https://www.faa.gov/airports/planning_capacity/passenger_allcargo_stats/categories/

⁶ https://www.faa.gov/airports/airport_safety/part139_cert/what-is-part-139/



operational and safety standards. Requirements vary depending on the size of the airport and type of flights provided.

D

Deicing⁷ – is the process of removing frozen moisture (frost, ice, or snow) from the surface of an aircraft by spraying it with de-icing/anti-icing fluid before flight. Anti-icing provides protection against the formation of frost or ice and accumulation of snow on treated surfaces of the aircraft for a limited period of time. Most of the time deicing is referred to as a combination of deicing and anti-icing.

E

Enplanement² – defined by the FAA as passenger boardings at an airport that receives scheduled passenger service.

I

Itinerant Operations² – Operations by aircraft that leaves the local airspace.

L

Limit of Disturbance - the boundary within which all construction, materials storage, grading, landscaping and related activities shall occur.

Low-Cost Carrier⁸ – is an airline that provides its passengers with a mix of no-frills, low fare flights that are low cost to operate and have short haul routes that are direct or one-stop. A sub-group is the ultra-low-cost carrier which takes additional cost-saving measures charges for everything from snacks and beverages. The ultra-low cost carrier model maximizes the number of passengers while minimizing costs to the extremes including no reclining seats, designing the cabin to fit the maximum number of passengers allowed legally, and printing safety information on the back of the seats instead of including safety cards.

M

Meeters and Greeters⁹ – are airport visitors associated with arriving passengers who typically meet and greet the passenger in the baggage claim area.

⁷ FAA AC 135-16, *Ground Deicing and Anti-Icing Training and Checking*

⁸ https://www.iata.org/whatwedo/Documents/economics/airline_cost_performance.pdf,
<https://www.johnnyjet.com/ask-a-pilot-low-cost-vs-ultra-low-cost-airlines/>

⁹ FAA AC 150/5360-13A, *Airport Terminal Planning*



O

Aircraft Operation² – the landing, takeoff or touch-and-go procedure by an aircraft on a runway at an airport.