

Acronyms

A	
AAAE	American Association of Airport Executives
AAD	Average Annual Day
AADT	Annual Average Daily Traffic
AAWDT	Annual Average Weekday Daily Traffic
AC	Advisory Circular
ACA	Airport Carbon Accreditation
ACEP	Airport Community and Environmental Program
ACI-NA	Airports Council International – North America
ACRP	Airport Cooperative Research Program
ACS	U.S. Census American Community Survey
ADA	Americans with Disabilities Act
ADPM	Average Day of Peak Month
ADRM	Airport Development Reference Manual
AEDT	Aviation Environmental Design Tool
AFFF	Aqueous Film Forming Foam
AFS	Aircraft Fueling System
AFV	Alternative Fuel Vehicles
AIP	Airport Improvement Program
ALP	Airport Layout Plan
APC	Automated Passenger Counters
APM	Automated People Mover
APO	FAA Office of Aviation Policy and Plans
APU	Auxiliary Power Unit

APV	Approach Procedure with Vertical Guidance
ARFF	Aircraft Rescue and Firefighting
ARRA	American Recovery and Reinvestment Act
ASCENT	FAA Aviation Sustainability Center
ASHRAE	American Society of Heating, Refrigerating and Air-Conditioning Engineers
ASPM	Aviation System Performance Metrics
AST	Aboveground Storage Tank
ATCT	Air Traffic Control Tower
ATMS	Automated Traffic Monitoring System
ATR	Automatic Traffic Recorder
AUL	Activity Use Limitation
AVI	Automated Vehicle Identification
AWDT	Average Weekday Daily Traffic
AWEDT	Annual Average Weekend Daily Traffic
B	
BBY	Boston Back Bay
BC	Black Carbon
BDL	Bradley International Airport
BED	Hanscom Field
BESS	Battery Electric Storage System
BGR	Bangor International Airport
BIF	Bird Island Flats
BLANS	Boston Logan Airport Noise Study
BLS	Bureau of Labor Statistics

BMP	Best Management Practice
BMPs	Best Management Practices
BNRD	Bus Network Redesign
BPDA	Boston Planning and Development Agency
BRT	Bus Rapid Transit
BTD	Boston Transportation Department
BTV	Burlington International Airport
C	
CAA	Connecticut Airport Authority
CACES	Center for Air Climate and Energy Solutions
CACI	Clean Air Construction Initiative
CAEP	Committee on Aviation Environmental Protection
CAGR	Compound Annual Growth Rate
CARES Act	Coronavirus Aid, Relief, And Economic Security Act
CAT	Central Artery and Tunnel
CATEX	Categorical Exclusion
CATSR	Center for Air Transportation Systems Research
CDC	U.S. Centers For Disease Control And Prevention
CECP	Clean Energy and Climate Plan
CEO	Chief Executive Officer
CFR	Code of Federal Regulations
CFU	Colony Forming Units
CGP	Construction General Permit
CHP	Central Heating Plant
CIA	Cumulative Impact Assessment
CIDP	Capital Improvement Development Program
CIP	Capital Investment Program
CLF	Conservation Law Foundation

CMR	Code of Massachusetts Regulations
CNG	Compressed Natural Gas
CNI	Cumulative Noise Index
CO	Carbon Monoxide
CO ₂	Carbon Dioxide
CO ₂ e	Carbon Dioxide Equivalent
CONEG	Conference of New England Governors
COPD	Chronic Obstructive Pulmonary Disease
CORSIA	Carbon Offsetting and Reduction Scheme for International Aviation
CRISI	Consolidated Rail Infrastructure and Safety Improvements Program
CSC	Customer Service Center
CTDOT	Connecticut Department of Transportation
CTPS	Central Transportation Planning Staff
CWA	Clean Water Act
CY	Calendar Year
D	
dB	Decibels
dBA	A-Weighted Decibel
DC	Direct Current
DCR	Department of Conservation and Recreation
DE&I	Diversity, Equity & Inclusion
DEIR	Draft Environmental Impact Report
DERA	Diesel Emissions Reduction Act
DFE	Design Flood Elevation
DFS	Department of Fire Services
DGA	Designated Geographic Area

DHS	U.S. Department of Homeland Security
DIRP	Disaster and Infrastructure Resiliency Planning
DMF	Massachusetts Department Of Marine Fisheries
DMP	Demand Management Program
DMRs	Discharge Monitoring Reports
DNL	Day Night Average Sound Level
DO	Dissolved Oxygen
DOT	U.S. Department of Transportation
DPH EJ Tool	Massachusetts Department of Public Health Environmental Justice Tool
E	
EA	Environmental Assessment
EAS	Essential Air Service
EDMS	Electronic Document Management System
EDR	Environmental Data Report
EEA	Massachusetts Executive Office Of Energy And Environmental Affairs
EENF	Expanded Environmental Notification Form
eGSE	Electric Ground Service Equipment
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
EJ	Environmental Justice
EMAS	Engineered Materials Arresting System
ENF	Environmental Notification Form

EPNdb	Effective Perceived Noise decibel
EPNL	Effective Perceived Noise Level
ESMF	Equipment Storage and Maintenance Facility
ESPR	Environmental Status And Planning Report
EUI	Energy Use Intensity
EV	Electric Vehicle
F	
FAA	Federal Aviation Administration
FAR	Federal Aviation Regulations
FBO	Fixed-Base Operator
FEIR	Final Environmental Impact Report
FIS	Federal Inspection Services
FONSI	Finding of No Significant Impact
FPH	Future Planning Horizon
FRA	Federal Railroad Administration
FSC	Forest Stewardship Council
FSM	Facility Systems Maintenance
FY	Fiscal Year
G	
GA	General Aviation
GBCI	Green Business Certification, Inc.
GDP	Gross Domestic Product
GEIR	Generic Environmental Impact Report
GHG	Greenhouse Gas
GIS	Geographic Information System
GPM	gallons per mile
GRP	Gross Regional Product
GSE	Ground Service Equipment
GTOC	Ground Transportation Operations Center

GWh	Gigawatt-hour
GWSA	Global Warming Solutions Act
H	
HHL	High-High-Low
HI	Heat Index
HOV	High-Occupancy Vehicle
HVAC	Heating, Ventilation, And Air Conditioning
HVN	Tweed-New Haven Regional Airport
I	
IAQ	Indoor Air Quality
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
ILS	Instrument Landing System
INM	Integrated Noise Model
IPCC	Intergovernmental Panel on Climate Change
ISA	Inclined Safety Area
ISO-NE	Independent System Operator New England
J	
JOC	Joint Operations Center
K	
KPI	Key Performance Indicator
kW	Kilowatt
L	
LAX	Los Angeles International Airport
LCC	Low-Cost Carriers
LDMS	Logan Dispersion Modeling System
LED	Light Emitting Diode

LEED®	Leadership in Energy and Environmental Design
LIAG	Logan Impact Advisory Group
LOI	Letter of Interest
LTAG	Long-Term Aspirational Goal
LTO	Landing and Takeoff
LUO	Land Under Ocean
M	
MA	Massachusetts
MAP	Million Annual Passengers
MAPC	Metropolitan Area Planning Council
MassDEP	Massachusetts Department of Environmental Protection
MassDOT	Massachusetts Department of Transportation
MassDPH	Massachusetts Department of Health
Massport CAC	Massport Community Advisory Committee
MBTA	Massachusetts Bay Transportation Authority
MCAC	Massport Community Advisory Committee
MC-FRM	Massachusetts Coastal Flood risk Model
MCP	Massachusetts Contingency Plan
MEMA	Massachusetts Emergency Management Agency
MEPA	Massachusetts Environmental Policy Act
MESA	Massachusetts Endangered Species Act
MGL	Massachusetts General Laws
MHC	Massachusetts Historical Commission

MHT	Manchester-Boston Regional Airport
MICA	Massport Infrastructure Conditions Assessment
MIT	Massachusetts Institute of Technology
ml	Milliliter
MMT	Million Metric Tons
MOA	Memorandum of Agreement
MOU	Memorandum of Understanding
MOVES	Motor Vehicle Emissions Simulator
MOV-UP	Mobile ObserVations of Ultrafine Particles
MPO	Metropolitan Planning Organization
MSA	Metropolitan Statistical Area
MT	Metric Ton
MW	Mega-watt
N	
NAAQS	National Ambient Air Quality Standards
NASA	National Aeronautics and Space Administration
NAVAID	Navigational Aids
NCA	North Cargo Area
NCI	Noise Complaint Initiative
NE	New England
NEA	Northeast Alliance
NEC	Northeast Corridor
NEG/ECP	New England Governors and Eastern Canadian Premiers
NEM	Noise Exposure Map
NEPA	National Environmental Policy Act

NERASP	New England Regional Airport System Plan
NERASP-GA	New England Regional Airport System Planning – General Aviation
NES	Neighborhood Environmental Survey
NHESP	Natural Heritage & Endangered Species Program
NNEIRI	Northern New England Intercity Rail Initiative
NO	Nitrous Oxides
NOMS	Noise And Operations Monitoring System
NOX	Nitrous Oxides
NPC	Notice of Project Change
NPDES	National Pollutant Discharge Elimination System
NPSI	Noise Per Seat Index
NSA	North Service Area
O	
OAG	Official Airline Guide
OCIR	Office of Climate Innovation and Resilience
ORH	Worcester Regional Airport
P	
PAHs	Polycyclic Aromatic Hydrocarbons
PAL	Planning Activity Level
PARC	Parking And Revenue Control
PARTNER	Partnership for Air Transportation Noise and Emissions Reduction
PBN	Performance-Based Navigation
PCA	Pre-Conditioned Air
PCBs	Polychlorinated Biphenyl

PFAS	Per- And Polyfluoroalkyl Substances
PFOA	Perfluorooctanoic Acid
PFOS	Perfluorooctanesulfonic Acid
PM	Particulate Matter
PMO	Program Management Office
PNC	ParticleNumber Concentration
ppm	Parts Per Million
PPP	Peak Period Pricing
ppt	Parts Per Trillion
PRAS	Preferential Runway Advisory System
PSB	public safety building
PSCS	Public Safety Communications System
PSM	Portsmouth International Airport
PSS	Passenger Security Screening
PV	Photovoltaic
PVD	Rhode Island T.F. Green International Airport
PWM	Portland International Jetport
Q	
QTA	Quick Turnaround Areas
R	
RACT	Reasonable Available Control Technology
RAM	Royal Air Maroc
RCC	Rental Car Center
RFI	Request For Information
RFP	Request For Proposals
RFQ	Request For Quote
RIAC	Rhode Island Airport Corporation
RIDOT	Rhode Island Department of Transportation
RIM	Runway Incursion Mitigation

RJ	Regional Jet
RMAT	ResilientMass Action Team
RMP	Risk Management Plan
RNAV	Area Navigation
RNP	Required Navigational Performance
ROD	Record of Determination
RON	Remain Over Night
RPZ	Runway Protection Zone
RSA	Runway Safety Area
RSIP	Residential Sound Insulation Program
RTC	Resilient Massachusetts Action Team
RTN	Release Tracking Number
S	
SAF	Sustainable Aviation Fuel
SAPHE	State Action for Public Health Excellence
SAS	Scandinavian Airlines
SCA	South Cargo Area
SDG	Sustainable Development Goals
SID	Standard Instrument Departures
SIP	Massachusetts State Implementation Plan
SL	Silver Line
SMP	Sustainability Management Plan
SOV	Single-Occupancy Vehicle
SPCC	Spill Prevention Control and Countermeasure
SRI	Solar Reflectance Index
STEM	Science, Technology, Engineering, and Math
SWPPP	Stormwater Pollution Prevention Plan

SWSA	Southwest Service Area
T	
TA	Time Above
TAA	Tenant Alteration Application
TAF	Terminal Area Forecast
TBD	To Be Determined
TDM	Transportation Demand Management
THC	total hydrocarbon
TIM	Time in Mode
TIP	Transportation Improvement Program
TMA	Transportation Management Association
TRB	Transportation Research Board
TRI	Toxic Release Inventory
TSA	Transportation Security Administration
TSP	Transportation Security Program
TSS	Total Suspended Solids
U	
U.S.ACE	Army Corps of Engineers
U.S.BLS	U.S. Bureau of Labor Statistics
U.S.DOD	U.S. Department of Defense
U.S.EPA	U.S. Environmental Protection Agency
U.S.GBC	U.S. Green Building Council
U.S.HUD	U.S. Department of Housing And Urban Development
UFP	Ultrafine Particle
ULCC	Ultra-Low Cost Carriers
ULSD	Ultra Low Sulfur Diesel Fuel
UPS	United Parcel Service
USC	University of Southern California
USTs	Underground Storage Tanks

UW	University of Washington
V	
VALE	Voluntary Airport Low Emission
VMT	Vehicle Miles Traveled
VNM	Virtual Noise Monitors
VOC	Volatile Organic Compound
W	
WET	Whole Effluent Toxicity
Z	
ZIAA	Zero Impact Aviation Alliance