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Boston Logan RNAV (GPS) RWY 4L Draft Environmental Assessment

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Appendices

Acronyms

°F	Fahrenheit
1MA5	Unnamed Southborough Airfield
1B9	Mansfield Municipal Airport
28M	Cranland Airport
AAR	Aircraft Arrival Rate
ACK	Nantucket Airport
AEDT	Aviation Environmental Design Tool
AFE	Above Field Elevation
AGL	Above Ground Level
APE	Area of Potential Effects
ATC	Air Traffic Control
ATCT	Air Traffic Control Tower
BOS	Boston Logan International Airport
CAA	Clean Air Act
CATEX	Categorical Exclusion
CEQ	Council on Environmental Quality
CH_4	Methane
CO	Carbon Monoxide
CO_2	Carbon Dioxide
CO_2e	Carbon Dioxide Equivalents
DA	Decision Altitude
Db	Decibel
DNL	Day-Night Average Sound Level
DOD	Department of Defense
DOT	Department of Transportation
EA	Environmental Assessment
EJ	Environmental Justice
EPA	Environmental Protection Agency
FAA	Federal Aviation Administration
IAF	Initial Approach Fix
IAP	Instrument Approach Procedure
IER	Initial Environmental Review
ILS	Instrument Landing System
IMC	Instrument Meteorological Conditions
INM	Integrated Noise Model
IPaC	Information for Planning and Consultation
FAF	Final Approach Fix
FICON	Federal Interagency Committee on Noise
FICUN	Federal Interagency Committee on Urban Noise
FMS	Flight Management System
GHG	Greenhouse Gas
GHG	Marshfield Municipal Airport – George Harlow Field
GPA	Glide Path Angle
GPS	Global Positioning System
GSA	General Study Area
HFC	Hydrofluorocarbons
HHS	Department of Health and Human Services
HUD	Housing and Urban Development
HYA	Barnstable Airport
LOC	Localizer
LNAV	Lateral Navigation
LPV	Localizer Performance with Vertical Guidance
MA6	Monponsett Pond Seaplane Base

MA63	Sherman-Private Airport
MA64	Pheasant Field Airport
MA70	Sudbury Airport
MassGIS	Bureau of Geographic Information for the state of Massachusetts
Massport	Massachusetts Port Authority
MBTA	Massachusetts Bay Transportation Authority
MBTA	Migratory Bird Treaty Act
MCAC	Massachusetts Community Advisory Community
MDA	Minimum Descent Altitude
MESA	Massachusetts Endangered Species Act
MHC	Massachusetts Historical Commission
MIT	Massachusetts Institute of Technology
MOU	Memorandum of Understanding
MSL	Mean Sea Level
MVY	Martha's Vineyard Airport
NAA	Nonattainment Areas
NAAQS	National Ambient Air Quality Standards
NAS	National Airspace System
NEPA	National Environmental Policy Act
NHPA	National Historic Preservation Act
NM	Nautical Mile
NRHP	National Register of Historic Places
NO_x	Oxides of Nitrogen
N_2O	Nitrous Oxide
OpsNet	Operations and Performance Data
OTR	Ozone Transport Region
OWD	Norwood Memorial Airport
O_3	Ozone
PBN	Performance Based Navigation
Pb	Lead
PFC	Perfluorocarbons
$PM_{2.5}$	Particulate Matter Less Than or Equal to 2.5 Microns in Diameter
PM_{10}	Particulate Matter Less Than or Equal to 10 Microns in Diameter
RNAV	Area Navigation
RNP	Required Navigation Performance
RWY	Runway
SIP	State Implementation Plan
SF_6	Sulfur Hexafluoride
SO_x	Oxides of Sulfur
SO_2	Sulfur Dioxide
SOIA	Simultaneous Offset Instrument Approach
TARGETS	Terminal Area Route Generation Evaluation and Traffic Simulator
TRACON	Terminal Radar Approach Control Facility
USFWS	United States Fish and Wildlife Service
VA	Veterans Administration
VMC	Visual Meteorological Conditions
VNAV	Vertical Navigation
VOCs	Volatile Organic Compounds
WAAS	Wide Area Augmentation System