

10.0 LIST OF ACRONYMS AND GLOSSARY

10.1 ACRONYMS

The following contains a list of acronyms that are used in the EIS.

A

AC	Advisory Circular
ACM	Asbestos Containing Materials
AFE	Above Field Elevation
AGR	Agricultural Water Supply
AI	Area of Investigation
AICP	Airport Capital Improvement Program
ALP	Airport Layout Plan
ALUC	Airport Land Use Commission
APE	Area of Potential Effect
APU	Auxiliary Power Unit
ASA	Airport Study Area
ASL	Above Sea Level
AST	Aboveground Storage Tank

B

bgs	Below Ground Surface
BLM	Bureau of Land Management
BMP	Best Management Practices

C

CAA	Clean Air Act
CAAA	Clean Air Act Amendments
CAAQS	California Ambient Air Quality Standards
CALTRANS	California Department of Transportation
CARB	California Air Resources Board
CDFG	California Department of Fish and Game
CE	Categorical Exclusion
CEQ	Council on Environmental Quality
CFR	Code of Federal Regulations
cfs	Cubic Feet per Second
CNDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level
CNPS	California Native Plant Society
CO	Carbon Monoxide
COE	Change of Exposure
CREST	Carson Ridgecrest Eastern Sierra Transit
CRHR	California Register of Historic Resources

D

DFW	Dallas/Fort Worth International Airport
DOI	Department of the Interior
DOT	Department of Transportation
DTW	Depth to Water

E

EA	Environmental Assessment
EDMS	Emissions Dispersal Modeling System
EIS	Environmental Impact Statement
ESA	Endangered Species Act

F

FAA	Federal Aviation Administration
FAR	Federal Aviation Regulations
FBO	Fixed Base Operator
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FONSI	Finding of No Significant Impact

G

GA	General Aviation
GBUAPCD	Great Basin Unified Air Pollution Control District
GIS	Geographic Information System
gpm	Gallons per Minute
GPS	Global Positioning System
GSE	Ground Support Equipment
GWE	Groundwater Elevation

H

HHS	U.S. Department of Health and Human Services
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I

IAI	Initial Area of Investigation
INM	Integrated Noise Model

L

LADWP	Los Angeles Department of Water and Power
LAX	Los Angeles International Airport
LBP	Lead-Based Paint
LMI	Labor Market Information
LOS	Level of Service
LWCF	Land and Water Conservation Fund

M

MBTA	Migratory Bird Treaty Act
MCWD	Mammoth Community Water District
mg	Million Gallon
mgd	Million Gallons per Day
MMH	Mammoth Yosemite Airport
MSW	Municipal Solid Waste
MUN	Municipal and Domestic Water Supply

N

NAAQS	National Ambient Air Quality Standards
NAV	Navigation
NEPA	National Environmental Policy Act
NHS	National Highway System
NO ₂	Nitrogen Dioxide
NOI	Notice of Intent
NO _x	Nitrogen Oxides
NPDES	National Pollutant Discharge Elimination System
NPS	National Park Service
NSA	Noise Screening Assessment
NRHP	National Register of Historic Places

O

O ₃	Ozone
OHWM	Ordinary High Water Marks
ORD	Chicago International Airport
OTR	Ozone Transport Region

P

Pb	Lead
PM	Particulate Matter
PMDA	Peak Month Daily Average

R

ROD	Record of Decision
RWQCB	Regional Water Quality Control Board

S

SAE	Society of Automotive Engineers
SHPO	State Historic Preservation Officer
SIP	State Implementation Plan
SNARL	Sierra Nevada Aquatic Research Laboratory
SNSA	Supplemented Noise Study Area
SO ₂	Sulfur Dioxide
SO _x	Sulfur Oxides
SPCC	Spill Prevention Control and Countermeasure
SR	State Road
SSA	Socioeconomic Study Area
SWPPP	Storm Water Pollution Prevention Plan

T

TSA	Transportation Security Administration
Town	Town of Mammoth Lakes

U

USACE	U.S. Army Corps of Engineers
USC	U.S. Code
USDA-FS	U.S. Department of Agriculture - Forest Service
U.S. EPA	U.S. Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
UST	Underground Storage Tank

V

VMT	Vehicle Miles Traveled
VOC	Volatile Organic Compound

Y

YARTS	Yosemite Area Regional Transit Service
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10.2 GLOSSARY OF TERMS

The following contains a glossary of terms that are used in the EIS.

Airport Layout Plan (ALP) - A scaled drawing of existing and proposed land and facilities necessary for the operation and development of the airport. The ALP shows boundaries and proposed additions to all areas owned or controlled by the airport operator for airport purposes, the location and nature of existing and proposed replacement airport facilities and structures, and the location on the airport of existing and proposed non-aviation areas and improvements thereon.

Airport Operations - Takeoffs (departures) and landings (arrivals) from an airport.

Airport Reference Code (ARC) - A coding system used to relate airport design criteria to the operational and physical characteristics of the design aircraft intended to operate at the airport.

Clean Air Act, as amended in 1990 (CAA) - An ambient air pollution control strategy based on the National Ambient Air Quality Standards and a provision that states would develop implementation plans to meet and maintain the standards.

Council on Environmental Quality (CEQ) Regulations - Regulations that implement the National Environmental Policy Act.

Decibel (dB) - A unit of noise level representing a relative quantity. This reference value is a sound pressure of 20 micronewtons per square meter.

Design Aircraft - The most critical aircraft type currently using, or projected to use, an airport. It can either be one aircraft or a group of aircraft.

Effects - (a) direct effects, which are caused by the action and occur at the same time and place, and (b) indirect effects, which are caused by the action and are later in time or farther removed in distance but are still reasonably foreseeable. Indirect effects may include growth inducing effects and other effects related to induced changes in the pattern of land use, population density or growth rate, and related effects on air and water and other natural systems, including ecosystems.

Enplanement - An enplanement is a passenger getting on an airplane for departure. A visitor flying in and flying out equals one enplanement.

Environmental Assessment (EA) - A concise document that assesses the environmental impacts of a proposed federal action. It discusses the need for, and environmental impacts of, the proposed federal actions and alternatives. An environmental assessment provides sufficient evidence and analysis for a federal determination whether to prepare an Environmental Impact Statement or issue a Finding of No Significant Impact.

Environmental Impact Statement (EIS) - A detailed, concise document that provides a discussion of the significant environmental impacts which would occur as a result of a proposed federal action, and informs decision-makers and the public of alternatives which would avoid or minimize adverse impacts.

Federal Aviation Administration (FAA) - FAA is the federal agency responsible for ensuring the safe and efficient use of the nation's airspace, for developing civil aeronautics and air commerce, and for supporting the requirements of national defense.

Federal Aviation Regulation (FAR) - Series of rules and regulations administered by the FAA that govern the operation, maintenance, construction, acquisition, etc. of airports, aircraft, and associated aviation activities.

Finding of No Significant Impact (FONSI) - A document briefly explaining the reasons why an action would not have a significant effect on the human environment and for which an EIS, therefore, is not necessary.

Fleet Mix - The mix or differing types of aircraft operating in a particular environment.

Flight Tracks - The use of established routes for arrival and departure by aircraft to and from the runways at the airport.

Geographic Information Systems (GIS) - An information system that is designed for storing, integrating, manipulating, analyzing, and displaying data referenced by spatial or geographic coordinates.

Land Use Compatibility - The ability of land uses surrounding the airport to co-exist with airport-related activities with minimum conflict.

Lek - A lek is a gathering place of certain animal species (e.g., sage grouse) specifically for males to competitively display and attract females for breeding.

Local Operation - An aircraft flight that begins and ends at the same airport.

Mean Sea Level (MSL) - The average height of the surface of the sea for all stages of the tide; used as a reference for elevations; also called sea level datum.

Mitigation Measures - Action taken to reduce or eliminate environmental impacts of a proposed action.

National Ambient Air Quality Standards (NAAQS) - Standards established by the U.S. Environmental Protection Agency (U.S. EPA) used for protecting and improving air quality.

National Environmental Policy Act of 1969 (NEPA) - The original legislation establishing the environmental review process for proposed federal actions.

National Historic Preservation Act of 1966 (NHPA) - This legislation requires that projects that occur on federal lands, are funded by federal monies, or that require a federally-issued permit, be evaluated for their impacts to historic properties.

National Pollution Discharge Elimination System (NPDES) - Federal permit required by the U.S. EPA for point source and non-point source stormwater discharges.

Navigational Aids (NAVAIDs) - Any facility used by an aircraft for navigation.

Operation - A takeoff or landing by an aircraft.

Operations Specifications Amendment - Proposed amendment to an air carrier's operations specifications which establishes the authorizations, limitations, and certain procedures under which each kind of operation, if applicable, is to be conducted including airports to be served and routes to be used; and certain other procedures under which each class and size of aircraft is to be operated.

Public Use Airport - An airport open to public use without prior permission, and without restrictions within the physical capabilities of the facility. It may or may not be publicly owned.

Record of Decision (ROD) - A ROD is a concise public record that states the FAA's official decision and rationale for approving a proposed action.

Regional Jet - A jet aircraft typically, but not exclusively, operated by a commuter air carrier ranging in size from approximately 35 to 80 seats.

Scoping - Scoping is an early and open process for determining the scope or range of issues to be addressed in the EIS and identifying the significant issues related to a proposed federal action. Issues important to the public and federal, state, and local agencies are solicited through a public involvement plan.

Terminal Area Forecast (TAF) - The official forecast of aviation activity at FAA facilities. These forecasts are prepared to meet the budget and planning needs of the FAA and provide information for use by state and local authorities, the aviation industry, as well as the public.