



Chapter Nine

ACRONYMS AND ABBREVIATIONS

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AAE- Accredited Airport Executive (American Association of Airport Executives)
AB - Assembly Bill
AC - Advisory Circular
ACHP - Advisory Council on Historic Preservation
ACIP - Airport Capital Improvement Program
ACRP - Airport Cooperative Research Program
A.D. - anno Domini “in the year of the Lord”
ADG - Airplane Design Group
ADO - Airports District Office
ADT - average daily traffic
AEDT - Aviation Environmental Design Tool
AES - Aesthetics
AF - acre-feet
AFFF - aqueous film forming foam
AFY - acre feet per year
AGAI - Airport Ground Access Improvement Program
AGL - above ground level
AIA - Airport Influence Area
A.I.A. - American Institute of Architects certification
AICP- American Institute of Certified Planners
AIP - Airport Improvement Program
Airport - Monterey Regional Airport
ALP - Airport Layout Plan
ALUC - airport land use commission
ALUCP - Airport Land Use Compatibility Plan
AMBAG - Association of Monterey Bay Area Governments
AMP - Airport Master Plan
ANCA - *Airport Noise and Capacity Act of 1990*
AP - Alquist-Priolo
APUs - auxillary power units
AOA - airport operations area
AOC - Airport Operating Certificate
AOPA - Aircraft Owners and Pilots Association
AQ - Air Quality
AQMP - air quality management plan

ARC - Airport Reference Code
ARFF - aircraft rescue and firefighting
ARRA - *American Recovery and Reinvestment Act of 2009*
ARTCC - Air Route Traffic Control Center
ASHRAE - American Society of Heating, Refrigeration, and Air Conditioning Engineers
ASV - annual service volume
ATC - air traffic control
ATCT - air traffic control tower
ATSA - *Aviation and Transportation Security Act*
AvGas - aviation gasoline

B.A. - Bachelor of Arts
BAAQMD - Bay Area Air Quality Management District
Basin Plan - *Water Quality Control Plan for the Central Coast Region*
B.C. - before Christ
B.E. - Bachelor of Engineering
B.F.A. - Bachelor of Fine Arts
bgs - below ground surface
BIO - Biological Resources
BIT - biennial inspection of terminals
BOMA - Building Owners and Management Association
BMP - best management practices
BRSR - Biological Resources Survey Report
B.S. - Bachelor of Science

C - Celsius
CAA - *Clean Air Act*
CAAQS - California Ambient Air Quality Standards
CAL FIRE - California Department of Forestry and Fire Protection
CalAm - California American Water
CalARP - California Accidental Release Prevention Program
CalEEMod - California Emissions Estimator Model
CalGreen - California Green Building Standards Code
Cal/OSHA - California Division of Occupational Safety and Health
Caltrans - California Department of Transportation
CAP - Climate Action Plan
CAPCOA - California Air Pollution Control Officers Association
CARB - California Air Resources Board
CASP - *California Aviation System Plan*
CBSC - California Building Standards Code
CCAA - *California Clean Air Act*
CCD - Census County Division
CCR - California Code of Regulations
CDC - California Department of Conservation

CDFW - California Department of Fish and Wildlife
 CEC - California Energy Commission
 CEQ - President’s Council on Environmental Quality
 CEQA - *California Environmental Quality Act*
 CERCLA - *Comprehensive Environmental Response, Compensation, Liability Act*
 CERS - California Environmental Reporting System
 CESA - *California Endangered Species Act*
 CFC - chlorofluorocarbon
 CFGC - California Fish and Game Code
 CFR - Code of Federal Regulations
 cfs - cubic feet per second
 CH₄ - methane
 CHOMP - Community Hospital of the Monterey Peninsula
 CHP - California Highway Patrol
 CHRIS - California Historical Resources Information System
 CHSC - California Health and Safety Code
 CLUP - comprehensive land use plan
 CM – Certified Member (American Association of Airport Executives)
 CNDDB - *California Natural Diversity Data Base*
 CNRA - California Natural Resources Agency
 CNEL - Community Noise Equivalent Level
 CNG - compressed natural gas
 CNPS - California Native Plant Society
 CO - carbon monoxide
 CO₂ - carbon dioxide
 CO_{2e} - carbon dioxide equivalent
 COG - council of governments
 C/OS - Conservation/Open Space
 CONA - Casanova Oak Knoll Neighborhood Association
 CONA Neighborhood Plan - *Casanova-Oak Knoll Neighborhood Plan*
 county - County of Monterey or Monterey County
 CPUC – California Public Utilities Commission
 CRF - California red-legged frog
 CRHR - California Register of Historical Resources
 CSLB - Contractors State License Board
 CSPP - construction safety and phasing plan
 CTC - California Transportation Commission
 CTS - California tiger salamander
 CUL - Cultural Resources
 CUPA - California Unified Program Administration
 CWA - *Clean Water Act*
 cy - cubic yard(s)

dB - decibel

dBA - A-weighted decibels

DLIFLC - Defense Language Institute Foreign Language Center

DNL - day-night average sound level (also referred to as L_{dn})

DOT - Department of Transportation

DPIC - Design Professional Insurance Company

DPM - diesel particulate matter

DTSC - Department of Toxic Substances Control

DTW - depth to water

DWR - Department of Water Resources

EA - environmental assessment

EAP - *Energy Action Plan*

EB - eastbound

ECHED - energy-efficient induction

EER - Experience Exchange Report

EIR - Environmental Impact Report

EIR Traffic Study - *Traffic Impact Analysis Report for the Monterey Regional Airport's Proposed Master Plan and Associated Development Projects, Monterey County, California*

EISA - *Energy Independence and Security Act of 2007*

E.I.T – Engineer in Training Certification

EJSCREEN - U.S. EPA's Environmental Justice Screening

EMAS - engineered arresting materials system

ENV SP – Envision Sustainability Professional

EO - Executive Order

EPA - Environmental Protection Agency

EPCA - *Energy Policy and Conservation Act of 1975*

EPACT92 - *National Energy Policy Act of 1992*

EV - electric vehicle

FAA - Federal Aviation Administration

FAST - *Fixing America's Surface Transportation Act*

FBO - fixed base operator

F.D.E.S. - Festo do Divino Espírito Santo Portuguese Hall

FEMA - Federal Emergency Management Agency

FESA - *Federal Endangered Species Act*

FHWA - Federal Highway Administration

FICON - Federal Interagency Committee on Noise

FMMP - Farmland Mapping and Monitoring Program

FNMOCC - U.S. Navy's Fleet Numerical Meteorology and Oceanography Center

FOD - foreign object debris

FPPA - *Farmland Protection Policy Act*

FR - *Federal Register*

FTA - Federal Transit Administration

GA - general aviation
gal - gallon
GAO - U.S. Government Accountability Office
G.E. – Geotechnical Engineer
GEM - Global Executive - Jet Maintenance
GEO - Geology and Soils
ghg - greenhouse gas
GHG - Greenhouse Gas Emissions
Gigatonne - million metric tons (also see MMT)
GIS - Geospatial Information System or Geographic Information System
gpd - gallons per day
gpf - gallons per flush
gpm - gallons per minute
GPS - Global Positioning System
GSA - groundwater sustainability agency
GSP - groundwater sustainability plan
GSE - ground support equipment
GWP - global warming potential

H₂O - water vapor
HAP - hazardous air pollutant
HAZ - Hazardous and Hazardous Materials
HCA - habitat conservation area
HCEP - habitat conservation and enhancement plan
HCM - Highway Capacity Manual
HCP - habitat conservation plan
HFCs - hydrofluorocarbons
HI - hazard index
HMP - habitat management plan
HP - horsepower
HRA - health risk assessment
HRS - Hazard Ranking System
HUD - U.S. Department of Housing and Urban Development
HVAC - heating, ventilation, and air conditioning
HWCL - California Hazardous Waste Control Law
HYD - Hydrology and Water Quality

IATA - International Air Transport Association
IADZ - Inner Approach/Departure Zone
ICAO - International Civil Aviation Organization
IEPR - Integrated Energy Policy Report
IGP - Industrial General Permit
ILS - Instrument Landing System
Inc. - incorporated

INCE (Bd. Cert.) – Institute of Noise Control Engineering Certification (Board Certified)
IPaC - USFWS Information, Planning, and Conservation System
I-R-130-D2 - Industrial, Administration, Research District – 130,000 sf minimum – Development Control Overlay District
IRWM - California Integrated Regional Water Management
ITE - Institute of Transportation Engineers
ITZ - Inner Turning Zone

Jet A - jet fuel
JPA - Joint Powers Authority

k-12 - kindergarten through grade twelve
kBTU - British thermal units
KHA - Kimley-Horn Associates, Inc.
kV - kilovolt(s)
KVA - kilovolt-ampere
kW - kilowatt
kWh - kilowatt hour

LCP - local coastal planning
LDA - Landing Distance Available
LED - light-emitting diode
LEED - Leadership in Energy and Environmental Design
LEED AP - Leadership in Energy and Environmental Design Accredited Professional
LEED AP BC+D - Leadership in Energy and Environmental Design Accredited Professional (Building Design + Construction)
 L_{eq} - equivalent sound level or time-average sound level
lf - linear foot (feet)
 L_{max} - The highest value measured by the sound level meter over a given period of time
LOC/DME -localizer/distance measuring equipment
LOS - level of service
LSAT - land surface air temperature
LSE - load serving entities
LU - Land Use and Planning

M.A. - Master of Arts
MALSR - medium intensity approach lighting system with runway alignment indicator lights
MAP-21 - *Moving Ahead for Progress in the 21st Century Act*
MBARD - Monterey Bay Air Resources Board
MBTA - *Migratory Bird Treaty Act*
MBUAPCD - Monterey Bay Unified Air Pollution Control District
mgd - million gallons per day
 μm – micrometers
MLD - Most Likely Descendant

mm - mitigation measure
MMRP - mitigation, monitoring and reporting program
MMT - million metric tons (also see gigatonne)
MOU - Memorandum of Understanding
M1W - Monterey One Water
MPAD - Monterey Peninsula Airport District
mpg - miles per gallon
mph - miles per hour
MPL - Monterey Peninsula Landfill
MPO - metropolitan planning organization
MPWMD - Monterey Peninsula Water Management District
MRWMD - Monterey Regional Waste Management District
MRWPCA - Monterey Regional Water Pollution Control Agency
M.S. - Master of Science
MSL - mean sea level
MS4 - municipal separate storm sewer system
MST - Monterey-Salinas Transit
MT - metric tons
MTP/SCS - metropolitan transportation plan/sustainable communities strategy

N/A - not applicable
NAAQS - National Ambient Air Quality Standards
NAHC - Native American Heritage Commission
NALs - numeric action levels
NAS -National Airspace System
NBAA - National Business Aviation Association
NCCAB - North Central Coast Air Basin
NCCPs - natural community conservation plans
NEPA - *National Environmental Policy Act*
NESHAP - National Emission Standards for Hazardous Air Pollutants
NFPA - National Fire Protection Association
NHPA - *National Historic Preservation Act*
NIMS - National Incident Management System
N/I - no information available
No. - number
NO - nitric oxide
NOI - Noise
N₂O - nitrous oxides
NO_x - oxides of nitrogen
NO₂ - nitrogen dioxide
NOP - Notice of Preparation
NPDES - National Pollutant Discharge Elimination System
NPIAS - *National Plan of Integrated Airport Systems*
NPPA - *California Native Plant Protection Act of 1977*

NPS – National Park Service
NRCS - Natural Resources Conservation Service
NRHP - National Register of Historic Places
NSA - Naval Support Activity
NWIC - Northwest Information Center
NWS - Naval Weapons Station

O₃ - ozone
OADZ - Outer Approach/Departure Zone
OCEN - Ohlone/Costanoan-Esselen Nation
OE/AAA - Obstruction Evaluation/Airport Airspace Analysis
OEHHA - Office of Environmental Health Hazard Assessment
OFA - object free area
OPR - Office of Planning and Research
OSHA - Occupational Safety and Health Administration

PAC - planning advisory committee
PAFI - Piston Aviation Fuels Initiative
PAPI - precision approach path indicators
Part 77 - Code of Federal Regulations, Title 14, Part 77
Pb - lead
PCC - Portland concrete cement
PCE - passenger car equivalent
PCL - pilot-controlled lighting
P.E. – Professional Engineer
PFCs - perfluorocarbons
PG&E - Pacific Gas and Electric Company
pH - potential of hydrogen
PhD - Doctor of Philosophy
PI test - Plasticity index
PM - particulate matter
PMP – Project Management Professional
POC - point of confluence
POST - Peace Officers Standards and Training
POTW - publicly owned treatment works
PPV - peak particle velocity
PRC - Public Resources Code
PS - Public Services
psi - pounds per square inch
PTSF - percent time spent following
PUC - Public Utilities Code
PVC - polyvinyl chloride

Qar - Aromas sand
Qoa - Dissected older alluvium
Qos - Older stabilized dune and draft sand
QTA - Quick Turnaround Car Facility

RCNM - Roadway Construction Noise Model
RCRA - *Resource Conservation Recovery Act of 1976*
RDC - Runway Design Code
REIL - runway end identifier lights
RMA - Resource Management Agency
RNAV - Area Navigation
RNP - Required Navigation Performance
RON - remain overnight
RPA - Registered Professional Archaeologist
RPF - Registered Professional Forester
RPS - renewable portfolio standard
RPZ - runway protection zone
rr - regulatory requirement
RSA - runway safety area
RSA Project - Runway Safety Area Improvement project
RSIP - Residential Sound Insulation Program
RTDM - regional travel demand model
RTOR - right turns on red
RTP - regional transportation plan
RTPA - regional transportation planning agency
RV - recreational vehicle
RWMG - Regional Water Management Group
RWQCB - Regional Water Quality Control Board

SAF Plan - Safe Alternatives Fuel Plan
SB - Senate Bill
SCREEN3 - U.S. EPA screening model
SCH - State Clearinghouse
Scoping Plan - *California's 2017 Climate Change Scoping Plan: The Strategy for Achieving California's 2030 Greenhouse Gas Target*
SCS - sustainable communities strategy
SDWA - *Safe Drinking Water Act*
sf - square foot (feet)
SF₆ - sulfur hexafluoride
SGMA - *Sustainable Groundwater Management Act*
SHMA - Seismic Hazards Mapping Act of 1990
SHPO - State Office of Historic Preservation or State Historic Preservation Officer
SIPs - State Implementation Plans
SLOAPCD - San Luis Obispo Air Pollution Control District

SMART - Storm Water Multiple Application and Report

SO_x - oxides of sulfur

SO₂ - sulfur dioxide

SPCC - spill prevention, control and countermeasure

SPCD - safety plan compliance document

STLC - soluble threshold limit concentrations

SVP - Society of Vertebrate Paleontology

SWCA - SWCA Environmental Consultants, Inc.

SWRCB - State Water Resources Control Board

SWPPP - storm water pollution prevention plan

sy - square yard(s)

SZ - Sideline Zone

TAC - toxic air contaminant

TAF - Terminal Area Forecast

TAMC - Transportation Agency for Monterey County

TDG - Taxiway Design Group

TDM - transportation demand management

TDML - total maximum daily load

TE – Traffic Engineer

TIA - Traffic Impact Analysis

TIRE - Traffic Infusion on Residential Environment

TNC - transportation network company

TNM - Traffic Noise Model

TOD - transit-oriented development

TPZ - Traffic Pattern Zone

TR - Transportation/Traffic

TRIB - Tribal Cultural Resources

TSA - Transportation Security Administration

TSR - TSA Security Requirements

UCMP - University of California Museum of Paleontology

U.S. - United States

U.S. EPA - United States Environmental Protection Agency

USACE - United States Army Corps of Engineers

USC - United States Code

USDA - United States Department of Agriculture

USFWS - United States Fish and Wildlife Service

USGBC - United States Green Building Council

USGS - United States Geological Survey

UTIL - Utilities and Service Systems

VMT - vehicle miles traveled

VOCs - volatile organic compounds

WB - westbound
WDR - waste discharge restriction
WHA - wildlife hazard assessment
WHMP - wildlife hazard management plan
WOTUS - Waters of the United States

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