

Abbreviations and Acronyms

Acronym	Definition
AAM	Advanced Acoustic Model
AAD	Average Annual Day
AB	Afterburner
ABD	Average Busy Day
ACHP	Advisory Council on Historic Preservation
ACRP	Aircraft Cooperative Research Program
ADT	Average Daily Traffic
AEMR	Annual Energy Management Report
AESO	Aircraft Environmental Support Office
AFFF	aqueous film-forming foam
AGL	above ground level
AICUZ	Air Installations Compatible Use Zones
ANSI	American National Standards Institute
AOP	air operating permit
APE	Area of Potential Effects
APZ	Accident Potential Zone
AQCR	Air Quality Control Region
ATC	air traffic control
ATCAA	Air Traffic Controlled Assigned Airspace
ATFP	Anti-Terrorist Force Protection
BASH	Bird/Animal Aircraft Strike Hazard
BCC	Bird of Conservation Concern
BCR	Bird Conservation Region

Acronym	Definition
BGEPA	Bald and Golden Eagle Protection Act
BLM	Bureau of Land Management
BMP	best management practice
BO	Biological Opinion
CAA	Clean Air Act
CCA	Carrier Controlled Approach
CEQ	Council on Environmental Quality
CFR	Code of Federal Regulations
CH ₄	methane
CI	confidence interval
CNG	Cascade Natural Gas Corporation
CNEL	Community Noise Equivalent Level
CNO	Chief of Naval Operations
CO	carbon monoxide
COER	Citizens of Ebey’s Reserve
CO ₂	carbon dioxide
CO ₂ e	carbon dioxide equivalent
CWA	Clean Water Act
CY	Calendar Year
CZMA	Coastal Zone Management Act
dB	decibel
dBA	A-weighted sound level
dB(C)	C-weighted sound level
DEIS	Draft Environmental Impact Statement

Acronym	Definition
DERP	Defense Environmental Restoration Program
DNL	day-night average sound level (also known as L_{dn})
DNWG	U.S. Department of Defense Noise Working Group
DoD	U.S. Department of Defense
DoDI	United States Department of Defense Instruction
DPS	Distinct Population Segment
EA	Environmental Assessment
e.g.	for example
EIS	Environmental Impact Statement
EMS	emergency medical service
EO	Executive Order
ESA	Endangered Species Act
ESU	Evolutionarily Significant Unit
FAA	Federal Aviation Administration
FCLP	field carrier landing practice
FEMA	Federal Emergency Management Agency
FICON	Federal Interagency Committee on Noise
FICUN	Federal Interagency Committee on Urban Noise
FMR	Fair Market Rent
FONSI	Finding of No Significant Impact
FRS	Fleet Replacement Squadron
FWHCAs	Fish and Wildlife Habitat Conservation Areas

Acronym	Definition
FY	Fiscal Year
GCA	Ground Controlled Approach
GHG	greenhouse gas
HAP	hazardous air pollutant
Hz	hertz
IBA	Important Bird Area
ICRMP	Integrated Cultural Resources Management Plan
IFLOLS	Improved Fresnel Lens Optical Landing System
IFR	Instrument Flight Rule
in/sec	inches per second
INRMP	Integrated Natural Resources Management Plan
IPaC	Information for Planning and Conservation
IR	Instrument Flight Rules Military Training Route
ISO	International Organization for Standardization
JLUS	joint land use study
lbf	pound-force
L_{dn}	day-night average sound level (also known as DNL)
L_{eq}	Equivalent Sound Level
$L_{eq(8)}$	8-hour Equivalent Sound Level
$L_{eq(24)}$	24-hour Equivalent Sound Level
L_{max}	maximum A-weighted sound level
LID	low-impact development
LOS	level of service

Acronym	Definition
LSO	Landing Signal Officer
LTO	landing and takeoff operation
MAGIC CARPET	Maritime Augmented Guidance with Integrated Controls for Carrier Approach and Recovery Precision Enabling Technologies (now known as Precision Landing Mode [PLM])
MBTA	Migratory Bird Treaty Act
MCAS	Marine Corps Air Station
μPa	Micropascal
mgd	million gallons per day
MLS	Multiple Listings Service
MMPA	Marine Mammal Protection Act
MOVES	Motor Vehicle Emission Simulator
mph	miles per hour
MoA	Memorandum of Agreement
MOA	Military Operations Area
MSAT	Mobile Source Air Toxics
MSL	mean sea level
MT	metric ton
MTCO _{2e}	metric tons carbon dioxide equivalent
MTR	military training route
NA	number of events above (a specific sound level)
NAAQS	National Ambient Air Quality Standards
NAF	Naval Air Facility
NAS	Naval Air Station

Acronym	Definition
Navy	U.S. Department of the Navy
NAWS	Naval Air Weapons Station
NDI	Noise Depreciation Index
NEPA	National Environmental Policy Act
NHPA	National Historic Preservation Act
NIPTS	Noise Induced Permanent Threshold Shift
nm	nautical miles
nm ²	square nautical miles
NMFS	National Marine Fisheries Service
NO ₂	nitrogen dioxide
NO _x	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NPS	National Park Service
NRHP	National Register of Historic Places
NRNW F&ES	Navy Region Northwest Fire and Emergency Services
N ₂ O	nitrous oxide
NWCAA	Northwest Clean Air Agency
NWR	National Wildlife Refuge
NWSTF	Naval Weapons Systems Training Facility
NWTRC	Northwest Training Range Complex
NWTT	Northwest Training and Testing
OEIS	Overseas Environmental Impact Statement

Acronym	Definition
OLF	outlying landing field
OPNAVINST	Office of the Chief of Naval Operations Instruction
OU	Operable Unit
PFAS	per- and polyfluoroalkyl substances
PFC	perfluorinated compound
PFOA	perfluorooctanic acid
PFOS	perfluorooctane sulfanate
PHL	Potential Hearing Loss
PLM	Precision Landing Mode (aka MAGIC CARPET)
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
POI	point of interest
POV	Personally Owned Vehicles
PSD	Prevention of Significant Deterioration
PSE	Puget Sound Energy
PUD	Public Utility District
RCW	Revised Code of Washington
RDT&E	Research, Development, Test, and Evaluation
REPI	Readiness and Environmental Protection Integration
ROD	Record of Decision
RTIP	Regional Transportation Improvement Program

Acronym	Definition
RTPO	Regional Transportation Planning Organization
SAR	search and rescue
SCOG	Skagit Council of Governments
SDZ	Surface Danger Zone
SEL	sound exposure level
SHPO	State Historic Preservation Office(r)
SIP	State Implementation Plan
SO ₂	sulfur dioxide
SPBHD	Seaplane Base Historic District
SPCC	Spill Prevention Control and Countermeasures
SPL	Sound Pressure Level
SR	State Route
STIP	Statewide Transportation Improvement Program
SUA	Special Use Airspace
TCP	traditional cultural property
T&G	touch-and-go
TACAN	Tactical Air Navigation
U&A	usual and accustomed
UFC	Unified Facility Criteria
UIC	Underground Injection Control
U.S.C.	United States Code
U.S.	United States
USACE	United States Army Corps of Engineers
USDA	United States Department of Agriculture
USEPA	United States Environmental Protection Agency

Acronym	Definition
USFS	United States Forest Service
USFWS	United States Fish and Wildlife Service
VFR	Visual Flight Rules
VOC	volatile organic compound
VQ	Fleet Air Reconnaissance
VR	Visual Flight Rules Military Training Route

Acronym	Definition
WAC	Washington Administrative Code
WDFW	Washington Department of Fish and Wildlife
WGMA	Washington State Growth Management Act
WHO	World Health Organization
WSDOT	Washington State Department of Transportation

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