

Final EIS

Distribution, Glossary, Acronyms and Abbreviations



How to Use This Document

The Final Environmental Impact Statement (EIS) for the Initial F-22 Operational Wing Beddown is intended to be a reader-friendly document that clearly responds to the questions and comments raised by agencies and the public during the review of the Draft EIS. The Final EIS should be used in conjunction with the Draft EIS published in April 2001. A CD containing both the Draft and Final EIS is provided for your reference at the back of this document. Organization of the Final EIS is shown below.

Executive Summary	Executive Summary <ul style="list-style-type: none"><input type="checkbox"/> Summary of the EIS<input type="checkbox"/> Identification of the Preferred and Environmentally Preferred Alternatives
Overview	Chapter 1 Introduction and Overview <ul style="list-style-type: none"><input type="checkbox"/> Introduction to the Final EIS<input type="checkbox"/> Preferred and Environmentally Preferred Alternatives<input type="checkbox"/> Public and Agency Involvement<input type="checkbox"/> Consultation and Coordination<input type="checkbox"/> Mitigations to Reduce the Potential for Environmental Consequences
Errata	Chapter 2 Errata <ul style="list-style-type: none"><input type="checkbox"/> Introduction<input type="checkbox"/> Clarification and Corrections to the Draft EIS
Comments and Responses	Chapter 3 Comments and Responses <ul style="list-style-type: none"><input type="checkbox"/> Introduction<ul style="list-style-type: none"><input type="checkbox"/> Comment Directory<input type="checkbox"/> Written, Oral, and Agency Comments<ul style="list-style-type: none"><input type="checkbox"/> Written Comments and Submitted Letters<input type="checkbox"/> Native American and Alaska Native Letters<input type="checkbox"/> Public Hearing Transcripts and Summaries<input type="checkbox"/> Agency Letters<input type="checkbox"/> Responses to Comments
Distribution and Glossary	Distribution, Glossary, Acronyms and Abbreviations <ul style="list-style-type: none"><input type="checkbox"/> Distribution List for the Final EIS<input type="checkbox"/> Glossary<input type="checkbox"/> Acronyms and Abbreviations

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Old Community Hall
Arctic Village, AK

Panama City
The Honorable Girard Clemons
Panama City, FL

Panhandle Public Library Cooperative
System
Laura Massie
Marianna, FL

National Park Service
John Bundy
King Salmon, AK

Naval Facilities Engineering
Command
Dan Cecchini
Norfolk, VA

Nevada State Clearinghouse
Carson City, NV

Niceville Public Library
Niceville, FL

North Carolina Dept. of
Administration
Chrys Baggett
Raleigh, NC

Office of Congressman Virgil Goode
Sarah Terry
Farmville, VA

Office of Governor Bush
Tallahassee, FL

Office of Representative Jerry Melvin
Dan Pardue
Ft. Walton Beach, FL

Office of Senator Lyda Green
Aurora Hauke
Wasilla, AK

Okaloosa County Board of County
Commissioners
Christopher Holley
Ft. Walton Beach, FL

Oregon State Library
Salem, OR

Panama City Beach
Richard Jackson
Panama City Beach, FL

PERS-GCS
Suzette Lapine-Rosecrans
Galena, AK

Native Village of Eagle
David Howard
Eagle, AK

Naval Facilities Engineering
Command
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Norfolk, VA

Newport News Main Street Library
Newport News, VA

Noel Wien Public Library
Fairbanks, AK

Northern Alaska Environmental
Center
Fairbanks, AK

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Review, DEQ
Ellie Irons
Richmond, VA

Office of Governor Dirk Kempthorne
Boise, ID

Office of Representative Joe
Scarborough
Bob Black
Ft. Walton Beach, FL

Office of U.S. Senator Larry Craig
James Vavrek
Boise, ID

Okaloosa-Walton Community College
Library
Niceville, FL

Owyhee Canyonlands, Sierra Club
Karen & Karlie Knudtsen
Boise, ID

Panama City Beach
Mayor Lee Sullivan
Panama City, FL

Piedmont PPC
Jack Houghton
Farmville, VA

Point Option/New Summits
Alternative High School
Charles G. Miller
Hampton, VA

Public Library
North Pole, AK

Public Library
Tok, AK

Public Library
Dillingham, AK

Robert L. Young Public Library
Frances Williams
Panama City Beach, FL

SAF/GCN
David Hoard
Pentagon, DC

Shoshone District Library
Shoshone, ID

Shoshone-Paiute Tribes
Terry Gibson
Owyhee, NV

Sleetmute School
Sleetmute, AK

State Library of Florida
Deborah McKeel
Tallahassee, FL

State of Alaska, Dept. of Natural
Resources
Juneau, AK

State of Virginia
Governor James Gilmore
Richmond, VA

Tanana Chiefs Conference, Inc.
Fred Huntington
Galena, AK

Poquoson Public Library
Poquoson, VA

Public Library
Palmer, AK

Public Library
Aniak, AK

Rasmuson Library, University of
Alaska
Fairbanks, AK

Robert L.F. Sikes Public Library
Lola Rudolph
Crestview, FL

SAF/LL
Tom Coucher
Washington, DC

Shoshone-Bannock Library
Fort Hall, ID

Shoshone-Paiute Tribes
Ted Howard
Owyhee, NV

Sleetmute Traditional Council
Moxie Alexie
Sleetmute, AK

State of Alaska
Dept. of Environmental Conservation
Alan Wien
Wasilla, AK

State of Alaska, Dept. of
Transportation
Juneau, AK

Tanana Air Service
Fred Ciarlo
Fairbanks, AK

Tanana Chiefs Conference, Inc.
Jim Simon
Fairbanks, AK

Prince Edward County Board of
Supervisors
Hunter R. Watson
Farmville, VA

Public Library
Talkeetna, AK

Public Library
Wasilla, AK

Richmond Times Dispatch
Andy Petkofski
Williamsburg, VA

Running Man Community Association
Donald Schindel
Yorktown, VA

Sho Pai News
Sandy Jones
Owyhee, NV

Shoshone-Paiute Tribes
Richard Dick
Owyhee, NV

Shoshone-Paiute Tribes
Lindsey Manning
Owyhee, NV

St. Johns Berchman Church
Justin Huber
Galena, AK

State of Alaska, Dept. of Fish and
Game
Juneau, AK

State of Alaska, Division of
Government Coordination
Maureen McCrea
Anchorage, AK

Tanana Chiefs Conference
Steve Ginnis
Fairbanks, AK

Tanana Chiefs Conference, Inc.
Tok Subregional Office
G. Moore
Tok, AK

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Thomas Nelson Community College Robert Elsass Hampton, VA	Thomas Nelson Community College Dr. Shirley R. Pippins Hampton, VA	TMA, Inc. James Glenn Shalimar, FL
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U.S. Corps of Engineers, Alaska District Guy McConnell Anchorage, AK	U.S. Department of the Interior Pamela Bergmann Anchorage, AK	U.S. Department of the Interior Minerals Management Service Chris C. Oynes New Orleans, LA
U.S. Department of Transportation FAA, Norfolk ATCT Felix Sanes Virginia Beach, VA	U.S. Dept. of Commerce NOAA, NMFS Patricia A. Kurkul Gloucester, MA	U.S. Environmental Protection Agency, Region 10 Kathy Veit Seattle, WA
U.S. Environmental Protection Agency, Region 3 Philadelphia, PA	U.S. Environmental Protection Agency, Region 4 Atlanta, GA	U.S. Fish & Wildlife Service Anchorage, AK
U.S. Fish & Wildlife Service Gail Carmody Panama City, FL	U.S. Fish & Wildlife Service Marilyn Hemker Boise, ID	U.S. Fish & Wildlife Service Gary L. Melvin King Salmon, AK
U.S. Fish & Wildlife Service Diana Whittington Salt Lake City, UT	U.S. Fish & Wildlife Service Ecological Services Eric Davis Gloucester, VA	U.S. Forest Service S. Grimes Anchorage, AK
USAF 611 CES/CEVP Karlene Leeper Elmendorf AFB, AK	USAF Regional Environmental Office- Central Region Ed Lopez Dallas, TX	USAF Regional Environmental Office- Eastern Region Tom Simms Atlanta, GA
USAF Regional Environmental Office- Western Region Jim Penino San Francisco, CA	Vale Public Library Vale, OR	Valparaiso Community Library Sue Martin Valparaiso, FL
Veterans Administration, Alaska Clinton Thomas Fort Richardson, AK	Village Council Building Chalkyitsik, AK	Virginia Beach Public Library Norfolk, VA

Virginia Dept. of Environmental
Quality
Ellen Gilinsky
Richmond, VA

Virginia Peninsula Chamber
Clyde Hoey
Hampton, VA

Williamsburg Public Library
Williamsburg, VA

York County Board of Supervisors
James S. Burgett
Yorktown, VA

York County Board of Supervisors
Walter C. Zaremba
Williamsburg, VA

Virginia Dept. of Game and Inland
Fisheries
Richmond, VA

Virginia Peninsula Chamber of
Commerce
Charles Armfield
Hampton, VA

Wyle Labs
Dr. Micah Dowling
Arlington, VA

York County Board of Supervisors
Sheila S. Noll
Yorktown, VA

York Library
Yorktown, VA

Virginia Division of Environmental
Enhancement
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Richmond, VA

Walton County Library
Dan Owens
DeFuniak Springs, FL

York County Board of Supervisors
H.R. Ashe
Yorktown, VA

York County Board of Supervisors
Donald E. Wiggins
Seaford, VA

Yukon Flats Advisory Committee
L. Nathaniel
Circle, AK

GLOSSARY

GLOSSARY

Above Ground Level (AGL): Altitude expressed in feet measured above the ground surface.

Accident Potential Zone (APZ): Areas located beyond the clear zone at the end of a runway, as shown on the air installation compatible use zone map. APZ I and APZ II are 3,000 feet by 5,000 feet and 3,000 feet by 7,000 feet, respectively.

Aerospace Expeditionary Force (AEF): An AEF is a group of different types of aircraft with a mix of capabilities suited to a specific overseas mission. There are ten AEFs in the Air Force that consist of wings or squadrons from multiple United States bases, and may operate as a unit or be integrated with existing forces overseas.

Aerospace Expeditionary Wing (AEW): An AEW is a mixed force of aircraft designed for crisis response early in a conflict.

Afterburner: A device for augmenting the thrust of a jet engine by burning additional fuel with the uncombined oxygen in the hot exhaust gases.

Air Combat Command (ACC): ACC is the Air Force Command that operates combat aircraft assigned to bases within the contiguous 48 states, except those assigned to the Air National Guard and the Air Force Reserve Command.

Air Dominance: That degree of air superiority wherein a hostile air force is incapable of effective interference with the full spectrum of military operations.

Air Education and Training Command (AETC): AETC is responsible for recruiting qualified people into the Air Force and providing them with military, technical, and flying training; and precommissioning, professional military, and continuing education.

Air Force Instruction (AFI): An AFI is an Air Force directive that sets goals, assigns responsibilities, and provides guidance and procedures to the Air Force, Air National Guard, Air Force Reserves, major commands and other subordinate activities to meet environmental standards at all Air Force installations.

Air Force Materiel Command (AFMC): AFMC's mission is to develop, deliver, and sustain Air Force technologies and logistics. AFMC supports other United States military forces and allies and handles major aerospace responsibilities, including research, development, testing, and evaluation of satellites, boosters, space probes, and associated systems.

Air Installation Compatible Use Zone (AICUZ): AICUZ is a land use planning program used by the Air Force to protect the integrity of military operations at airfields, and to protect the safety, health and welfare of the affected public through source and operational controls and the use of land use compatibility measures.

Air Quality Control Region (AQCR): AQCR is an administrative unit for monitoring and controlling air quality in a specific geographic area.

Air Traffic Control (ATC): ATC is the system used to safely direct aircraft in flight, using radar and controllers from both the FAA and the military.

Air Traffic Control Assigned Airspace (ATCAA): ATCAA is airspace, often overlying a MOA, extending from 18,000 feet mean sea level to an altitude assigned by the FAA. ATCAAs are released to military users by the FAA only for time they are to be used, allowing maximum access to the airspace by civilian aviation.

Air-to-Air Training: Air-to-air training prepares aircrews to achieve and maintain air superiority over the battlefield and defeat enemy aircraft. Air-to-air training often includes some aircraft playing the role of adversaries, or enemy forces. Air-to-air training activities include advanced handling characteristics, air

combat training, low-altitude air-to-air training, and air intercept training. This training also requires the use of defensive countermeasures.

Air-to-Ground Training: Air-to-ground training employs all the techniques and maneuvers associated with air-to-ground weapons use and includes low-and high-altitude tactics, navigation, formation flying, target acquisition, and defensive reaction. Training activities include surface attack tactics, different modes of weapons delivery, electronic combat training, and the use of defensive countermeasures.

Alaska Native Corporation: The Alaska Native Claims Settlement Act, Public Law 92-203, established native corporations. Native corporations are involved in a variety of business ventures including tourism and natural resources extraction.

Backup Aircraft Inventory (BAI): BAI includes aircraft used as substitutes for Primary Aircraft Inventory (PAI) aircraft undergoing maintenance or otherwise unable to fly.

Candidate Species: A species for which the United States Fish and Wildlife Service has sufficient information regarding the biological vulnerability of and threat(s) to that species to warrant a proposal to reclassify it as threatened or endangered (Formerly Category 1 Candidate species).

Chaff: Chaff is the term for small fibers of aluminum-coated mica packed into approximately 150-gram bundles. When ejected by aircraft they disperse into clouds that reflect hostile radar signals.

Clean Air Act (CAA): This Act empowered the United States Environmental Protection Agency to establish standards for common pollutants that represent the maximum levels of background pollution that are considered safe, with an adequate margin of safety to protect public health and safety.

Clear Zone (CZ): A 3,000 foot by 3,000 foot area at the end of each runway wherein certain activities are prohibited due to the risk of aircraft mishap.

Council on Environmental Quality (CEQ): The CEQ is an Executive Office of the President composed of three members appointed by the President, subject to approval by the Senate. Members are to be conscious of and responsive to the scientific, economic, social, aesthetic, and cultural needs of the nation; and to formulate and recommend national policies to promote the improvement of quality of the environment.

C-Weighted Day-Night Sound Level (CDNL): CDNL is day-night sound levels computed for areas subjected to sonic booms. These areas are also subjected to subsonic noise assessed according to the Onset-Rate Adjusted Monthly Day-Night Average Sound Level (L_{dnmr}).

Day-Night Average Sound Level (DNL): DNL is a noise metric combining the levels and durations of noise events and the number of events over an extended time period. It is a cumulative average computed over a 24-hour period to represent total noise exposure. DNL also accounts for more intrusive nighttime noise, adding a 10 dB penalty for sounds after 10:00 pm and before 7:00 am. DNL is the appropriate measure to account for total noise exposure around military airfields.

Decibel (dB): A sound measurement unit.

Defensive Countermeasures: Defensive countermeasures are a combination of aerial maneuvers and use of aircraft defensive systems designed to neutralize enemy threats. These maneuvers (which include climbing, descending, and turning) require sufficient airspace to avoid being targeted by threat systems. Aircraft use sophisticated electronic equipment to jam air and ground radar-tracking systems and dispense chaff and flares to confuse hostile radar and infrared sensors.

Endangered Species: The Endangered Species Act of 1973 defined the term “endangered species” to mean any species (including any subspecies of fish or wildlife or plants, and any distinct population segment of any species or vertebrate fish or wildlife which interbreeds when mature) that is in danger of extinction throughout all or a significant portion of its range.

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Environmental Justice: As defined by Executive Order 12898, *Federal Actions to Address Environmental Justice in Minority and Low-Income Populations*, review must be made as to whether a proposed action disproportionately impacts children, minority, and/or low-income populations.

Environmental Night: The period between 10:00 pm and 7:00 am when a 10 dB penalty is added to noise measurements due to increased human sensitivity to noise at night.

Expeditionary Air Force (EAF) Construct: The EAF Construct responds to the need for the United States to deploy forces worldwide despite the reduction in overseas basing and personnel. Under this construct, the Air Force has divided its forces into ten Aerospace Expeditionary Forces and two Aerospace Expeditionary Wings.

Geographic Information System (GIS): A geographic information system is a computer system that analyzes and models information relevant to proposals that require environmental analysis. It is also a tool that assists decisionmaking by providing a visual depiction of complex data, customized for the situation and circumstances associated with the decision.

Global Positioning System (GPS): A small computerized device that uses triangulation from satellites to provide a precise location on the surface of the earth.

Inert Ordnance: Ordnance without explosive or incendiary material. This inert (non-explosive) ordnance is used by training aircrews authorized to verify that aircraft systems are functioning properly, without the use of live ordnance. Inert ordnance is only used at authorized air-to-ground training ranges.

Initial Operational Test and Evaluation (IOT&E): Prior to acceptance by the Air Force for operational deployment, new aircraft undergo a series of tests and evaluations called IOT&E. For the F-22, this testing and evaluation occurred at Edwards AFB, California.

Instrument Flight Rules (IFR): A standard set of rules that all pilots, civilian and military, must follow when operating under flight conditions that are more stringent than visual flight rules. These conditions include operating an aircraft in reduced visibility, operating above certain altitudes prescribed by Federal Aviation Administration regulations, and operating in some locations like major civilian airports. Air traffic control agencies ensure separation of all aircraft operating under IFR.

Maximum Sound Level (L_{max}): L_{max} is used to define peak noise levels. L_{max} is the highest sound level measured during a single aircraft overflight. For an observer, the noise level starts at the ambient noise level, rises up to the maximum level as the aircraft flies closest to the observer, and returns to the ambient level as the aircraft recedes into the distance.

Mean Sea Level (MSL): Altitude expressed in feet measured above average sea level.

Military Operations Area (MOA): A designated airspace below 18,000 feet MSL that is established to separate military activities from instrument flight rule traffic and to identify where these activities are conducted for the benefit of pilots using visual flight rules.

Military Training Route (MTR): An MTR is a designated corridor of airspace with defined vertical and lateral dimensions established for conducting military flight training at airspeeds in excess of 250 nautical miles per hour.

National Ambient Air Quality Standards (NAAQS): NAAQS are established by the United States Environmental Protection Agency for criteria pollutants that represent the maximum levels of background pollution that are considered safe, with an adequate margin of safety, to protect public health and safety.

National Environmental Policy Act (NEPA): The National Environmental Policy Act of 1969 directs federal agencies to take environmental factors into consideration in their decisions.

National Historic Landmark (NHL): NHLs are places that “possess exceptional value or quality in illustrating and interpreting the heritage of the United States” and include battlefields, architectural or engineering masterpieces, ruins, and historic towns and communities.

National Historic Preservation Act (NHPA): The NHPA of 1966, as amended, established a program for the preservation of historic properties throughout the United States.

Nautical Mile (nm): Equal to 1.14 statute miles.

Occasional Use Airspace: Occasional use airspace is composed of those airspace units that are rarely used (less than 5 percent of sortie-operations).

Onset-Rate Adjusted Monthly Day-Night Average Sound Level (L_{dnmr}): L_{dnmr} is the measure used for subsonic aircraft noise in military airspace (MOAs or Warning Areas). This metric accounts for the fact that when military aircraft fly low and fast, the sound can rise from ambient to its maximum very quickly. Known as an onset-rate, this effect can make noise seem louder due to the added “startle” effect. Penalties of up to 11 dB are added to account for this onset-rate.

Ordnance: Any item carried by an aircraft for dropping or firing, including but not limited to, live or inert bombs, ammunition, air-to-air missiles, chaff, and flares.

Pacific Air Forces (PACAF): PACAF, headquartered at Hickam Air Force Base, Hawaii, is one of nine major Air Force commands and is the air component of the United States Pacific Command.

Prevention of Significant Deterioration (PSD): Air regulation applicable to new or modified major stationary sources that will emit attainment pollutants greater than 100 tons per year.

Primary Aircraft Inventory (PAI): PAI consists of the aircraft authorized and assigned to perform an Air Force wing’s missions. BAI includes aircraft used as substitutes for PAI aircraft undergoing maintenance or otherwise unable to fly.

Primary Airspace: Primary airspace includes those MOAs, ATCAAs, and over-water Warning Areas that the F-22 would use on a consistent basis.

Sonic Boom: A sonic boom is the noise generated when an object travels faster than the speed of sound.

Sortie: A sortie is a single flight, by one aircraft, from takeoff to landing.

Sortie-Operation: The use of one airspace unit (e.g., MOA, MTR, or Warning Area) by one aircraft. The number of sortie-operations is used to quantify the number of uses by aircraft and to accurately measure potential impacts; e.g., noise, air quality, and safety impacts. A sortie-operation is not a measure of how long an aircraft uses an airspace unit, nor does it indicate the number of aircraft in an airspace unit during a given period; it is a measurement for the number of times a single aircraft uses a particular airspace unit.

Sound Exposure Level (SEL): SEL accounts for both the maximum sound level and the length of time a sound lasts. SEL does not directly represent the sound level heard at any given time. Rather, it provides a measure of the total sound exposure for an entire event averaged over 1 second.

State Historic Preservation Office (SHPO): State department responsible for assigning protected status for cultural and historic resources.

Subsistence Fishing and Hunting: Many communities in Alaska are wholly or largely dependent upon subsistence uses of renewable resources and, under the Alaska National Interest Lands Conservation Act, have priority access to subsistence resources on public lands.

Supercruise: A term used to describe the ability of an aircraft to fly supersonic without the need to use an afterburner.

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Threatened Species: A species that is likely to become endangered within the foreseeable future throughout all or a significant portion of its range.

Traditional Cultural Properties (TCP): A TCP is defined as a property that is eligible for inclusion in the National Register of Historic Places because of its association with cultural practices or beliefs of a living community that (a) are rooted in that community's history, and (b) are important in maintaining the continuing cultural identity of the community.

Traditional/Cultural Resource: Cultural and traditional resources are any prehistoric or historic district, site or building, structure, or object considered important to a culture, subculture, or community for scientific, traditional, religious or other purposes.

Visual Flight Rules (VFR): A standard set of rules that all pilots, both civilian and military, must follow when not operating under instrument flight rules. These rules require that pilots remain clear of clouds and avoid other aircraft. See instrument flight rules.

Visual Routes (VR): Routes used by military aircraft for conducting low-altitude, high speed navigation, and tactical training. These routes are flown under Visual Flight Rules.

Warning Area: A Warning Area is one of the six types of special use airspace areas. Warning Areas contain activities that may be hazardous to nonparticipating aircraft. These areas may contain a wide variety of aircraft and non-aircraft activities, such as aerial gunnery, bombing, aircraft carrier operations, surface and subsurface operations, naval gunfire, missiles, etc.

Wetland, Jurisdictional: A jurisdictional wetland is a wetland that meets all three United States Army Corps of Engineers criteria for jurisdictional status: Appropriate hydrologic regime, hydric soils, and facultative to obligate wetland plant communities under normal growing conditions.

Wilderness Study Area (WSA): A WSA is defined as a roadless area or island that has been inventoried and found to have wilderness characteristics as described in Section 603 of the Federal Land Policy and Management Act (FLPMA). Section 603 directed the Bureau of Land Management (BLM) to identify and inventory all public lands having wilderness characteristics and values as defined in the Wilderness Act, and to study them for possible recommendation as wilderness. FLPMA requires the BLM to manage WSAs “so as not to impair their suitability of such areas for preservation as wilderness.”

ACRONYMS AND ABBREVIATIONS

AADT	average annual daily trips	IDFG	Idaho Department of Fish and Game
AATA	Anchorage Alaska Terminal Area	IFR	instrument flight rules
ACC	Air Combat Command	IICEP	Interagency and Intergovernmental Coordination for Environmental Planning
ACHP	Advisory Council for Historic Preservation	IOT&E	Initial Operational Test and Evaluation
ACM	asbestos-containing material	IR	instrument route
ADEC	Alaska Department of Environmental Conservation	JDAM	Joint Direct Attack Munition
ADT	average daily traffic	KHz	kilohertz
AEF	Aerospace Expeditionary Force	LAX	Los Angeles International Airport
AETC	Air Education and Training Command	L _{dn}	Day-Night Average Sound Level
AEW	Aerospace Expeditionary Wing	L _{dnmr}	Onset Rate-Adjusted Monthly Day-Night Average Sound Level
AFB	Air Force Base	L _{max}	Maximum Sound Level
AFI	Air Force Instruction	LOS	level of service
AFMC	Air Force Material Command	m/s	meters per second
AFRL	Air Force Research Laboratory	MCAS	Marine Corps Air Station
AGE	aerospace ground equipment	mcf	million cubic feet
AGL	above ground level	MFE	Major Force Exercise
AICUZ	Air Installation Compatible Use Zone	mgd	million gallons per day
Air Force	United States Air Force	MMPA	Marine Mammal Protection Act
AIRFA	American Indian Religious Freedom Act	MOA	Military Operations Area
ANG	Air National Guard	MR_NMAP	MOA-Route NOISEMAP
ANILCA	Alaska National Interest Lands Conservation Act	MSL	mean sea level
APE	area of potential effect	MTMC	Military Traffic Management Command
APZ	Accident Potential Zone	MTR	Military Training Route
AQCR	Air Quality Control Region	NAAQS	National Ambient Air Quality Standards
ARPA	Archaeological Resources Protection Act	NACA	National Advisory Committee for Aeronautics
ATCAA	Air Traffic Control Assigned Airspace	NAGPRA	Native American Graves Protection and Repatriation Act
BAI	Backup Aircraft Inventory	NAS	Naval Air Station
BASH	Bird-Aircraft Strike Hazard	NEPA	National Environmental Policy Act
bcf	billion cubic feet	NHL	National Historic Landmark
BIA	Bureau of Indian Affairs	NHPA	National Historic Preservation Act
BLM	Bureau of Land Management	NMFS	National Marine Fisheries Service
BLS	Bureau of Labor Statistics	NO _x	nitrogen oxide
BMP	Best Management Practice	NO ₂	nitrogen dioxide
CAA	Clean Air Act	NPDES	National Pollutant Discharge Elimination System
CDNL	Long-term Day-Night Average Sound Level	NRCS	Natural Resource Conservation Service
CEQ	Council on Environmental Quality	NRHP	National Register of Historic Places
CERCLA	Comprehensive Environmental Response Compensations and Liability Act	NRIS	National Register Information Service
CFR	Code of Federal Regulations	O ₃	ozone
CNG	compressed natural gas	OSHA	Occupational and Safety Health Administration
CO	carbon monoxide	P2	pollution prevention
CRMP	Cultural Resource Management Plan	PACAF	Pacific Air Force
CZ	Clear Zone	PAI	Primary Aircraft Inventory
dB	decibel	Pb	lead
dba	A-weighted decibel	PCB	polychlorinated biphenyls
DEQ	Department of Environmental Quality	PM ₁₀	particulate matter equal to or less than 10 microns in diameter
DHHS	Department of Health and Human Services	POA	Port of Anchorage
DHR	Department of Historic Resources	PSD	Prevention of Significant Deterioration
DNL	Day-Night Average Sound Level	psf	pounds per square foot
DoD	Department of Defense	psi	pounds per square inch
DRMO	Defense Reutilization and Marketing Office	RCRA	Resource Conservation and Recovery Act
EAF	Expeditionary Air Force	REIS	Regional Economic Information System
EIA	Economic Impact Analysis	SCR	Saylor Creek Range
EIAP	Environmental Impact Analysis Process	SEL	sound exposure level
EIS	Environmental Impact Statement	SHPO	State Historic Preservation Office
E.O.	Executive Order	SIP	State Implementation Plan
EPCRA	Emergency Planning and Community Right-to-Know Act	SO ₂	sulfur dioxide
ERIS	Economic Resource Impact Statement	SPL	sound pressure level
ERP	Environmental Restoration Program	SR	State Route
ESA	Endangered Species Act	SWDA	Solid Waste Disposal Act
ETR	engine throttle ratio	SWPPP	Storm Water Pollution Prevention Plan
FAA	Federal Aviation Administration	TCP	Traditional Cultural Properties
FDE	Force Development and Evaluation	U.S.	United States
FDEP	Florida Department of Environmental Protection	UCLA	University of California at Los Angeles
FDOT	Florida Department of Transportation	USACE	United States Army Corps of Engineers
FESOP	Federally Enforceable State Operating Permit	USC	United States Code
FICON	Federal Interagency Committee on Noise	USDCESA	United States Department of Commerce, Economics, and Statistics Administration
FICUN	Federal Interagency Committee on Urban Noise	USEPA	United States Environmental Protection Agency
FONSI	Finding of No Significant Impact	USFS	United States Forest Service
FW	Fighter Wing	USFWS	United States Fish and Wildlife Service
FY	fiscal year	USGS	United States Geological Survey
GAO	General Accounting Office	USLE	Universal Soil Loss Equation
GIS	Geographic Information System	VFR	visual flight rules
gpm	gallons per minute	VOC	volatile organic compounds
GPS	Global Positioning System	VPDES	Virginia Pollutant Discharge Elimination System
GSE	ground support equipment	VR	visual route
HAP	hazardous air pollutants	WEQ	Wind Erosion Equation
HMMP	Hazardous Material Management Process	WS	Weapons School
HPPS	historic preservation plans	WSA	wilderness study area
Hz	Hertz		
IDEQ	Idaho Department of Environmental Quality		