
LIST OF ACRONYMS

Acronym	Full Phrase
25 th ID(L)	25 th Infantry Division (Light)
2 nd Brigade	2 nd Brigade, 25 th Infantry Division (Light)
A&M	artillery and mortar
AAFES	Army and Air Force Exchange Service
AALFTR	anti-armor live fire & training range
AASHTO	American Association of State Highway and Transportation Officials
ACHP	Advisory Council on Historic Preservation
ACM	asbestos-containing material
ACP	Area Contingency Plans
ADT	average daily traffic
AFCEE	Air Force Center for Environmental Excellence
AFS	Army Facility Strategy Program
AGL	above ground level
AHA	ammunition holding areas
AHERA	Asbestos Hazardous Emergency Response Act
AICUZ	Air Installation Compatible Use Zone
ALISH	Agricultural Lands of Importance to the State of Hawai'i
AMT	armor moving targets
API	American Petroleum Institute
APZ	accident potential zone
AR	Army Regulation
ARPA	Archaeological Resources Protection Act
ARTCC	Air traffic control center
ARTEP	Army Training and Evaluation Program
ASP	ammunition storage point
AST	aboveground storage tank
ATGM	anti-tank guided missile
ATI	area of traditional importance
ATSC	Army Training Support Center
ATTACC	Army Training and Testing Area Carrying Capacity
AVN	Aviation
BA	biological assessment
BAAF	Bradshaw Army Airfield
BAT	best available technology
BAX	battle area complex
BDE	Brigade
BEA	Bureau of Economic Analysis
BEDT	Hawai'i Department of Business, Economic Development, and Tourism
bgs	below ground surface
BLS	Bureau of Labor Statistics

LIST OF ACRONYMS *(continued)*

Acronym	Full Phrase
BMP	best management practice
BPT	best practicable control technology
BSA	biologically significant area
BTEX	benzene, toluene, ethylbenzene and xylene
BWS	Board of Water Supply
CACTF	Combined Arms Collective Training Facility
CALFEX	company combined arms live fire exercises
CCAAC	Company Combined-Arms Assault Course
CCD	Census County Division
CEMML	Center for Ecological Management of the Military Lands
CEQ	Council on Environmental Quality
CERAP	combined center radar approach
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
CFX	command field exercise
CHPPM	Center for Health Promotion and Preventive Medicine
CNEL	community noise equivalent level
CPR	Combat Pistol Range
CPX	command post exercise
CSS	combat service support
CTP	combat trail maintenance program
CTPP	Countrywide Transportation Planning Process
CV	Commander's vehicle
CWA	Clean Water Act
CZARA	Coastal Zone Act Reauthorization Amendments
CZM	Coastal Zone Management
dB	decibel
dBA	A-weighted decibel scale
dBC	C-weighted decibel scale
DBCP	dibromochloropropane
DCA	dichloroacetic acid
DEM	digital elevation model
DES	demolition effect simulators
DLNR	Department of Land and Natural Resources
DMR	Dillingham Military Reservation
DNT	2,4- and 2,6-Dinitrotoluene
DOD	Department of Defense
DOE	Department of Energy
DOFAW	Hawai'i Division of Forestry Fish and Wildlife
DOH	Department of Health

LIST OF ACRONYMS *(continued)*

Acronym	Full Phrase
DOI	Department of the Interior
DOL	Directorate of Logistics
DOT	Department of Transportation
DP	District Planning
DPTMSEC	Directorate of Plans, Training, Mobilization, and Security
DPW	Directorate of Public Works
DRMO	Defense Reutilization and Marketing Office
EAs	environmental assessments
East Range	Schofield Barracks East Range
ECAS	Environmental Compliance Assessment System
ECO	Environmental Compliance Officer
EDR	Environmental Database Report
EDRE	emergency deployment readiness exercise
EEZ	exclusive economic zone
EFH	essential fish habitat
EIFS	Economic Impact Forecast System
EIS	environmental impact statement
ELF	extremely low frequency
EMF	electric and magnetic fields
EMF-RAPID Program	Electric and Magnetic Fields Research and Public Information Dissemination Program
EMP	Ecosystem Management Plan
EMS	environmental management system
EM Training	emergency medical training
EMT	emergency medical technician
ENMP	Environmental Noise Management Program
EO	Executive Order
EOD	Explosive Ordnance Disposal
ESA	Endangered Species Act
ESMPR	Endangered Species Management Plan Report
ESV	engineer support vehicle
FAA	Federal Aviation Administration
FAR	federal aviation regulation
FCX	fire coordination exercise
FFA	federal facility agreement
FHWA	Federal Highway Administration
FICAN	Federal Interagency Committee on Aviation Noise
FICON	Federal Interagency Committee on Noise
FICUN	Federal Interagency Committee on Urban Noise
FIFRA	Federal Insecticide, Fungicide and Rodenticide Act
FIRMS	FEMA Flood Insurance Rate Maps

LIST OF ACRONYMS *(continued)*

Acronym	Full Phrase
FMA	fire management areas
FMP	Fishery Management Plan
FOF	Force-on-Force
FONSI	Finding of No Significant Impact
FOPCO	Fuel Oil Polishing Company
FOSC	Federal On-Scene Coordinator
FPPA	Farmland Protection Policy Act
FSA	fuel storage annex
FSV	fire support vehicle
FTI	fixed tactical internet
FTX	field training exercises
FUDS	Formerly Used Defense Site
FY	fiscal year
GANDA	Garcia and Associates
gpm	gallons per minute
HABS	Historic American Building Survey
HAER	Historic American Engineering Record
HAFB	Hickam Air Force Base
HAZMART	Hazardous Materials Pharmacy
HBS	Hawai'i Biological Survey
HC	hydrocarbons
HCM	Highway Capacity Manual
HCP	Historic Component Plan
HCZMP	Hawai'i Coastal Zone Management Program
HDLNR	Hawai'i Department of Land and Natural Resources
HDOH	Hawai'i Department of Health
HECO	Hawaiian Electric Company
HEP	Habitat Evaluation Procedures
HIANG	Hawai'i Air National Guard
HINHP	Hawai'i Natural Heritage Program
HMCC	Hazardous Materials Control Center
HMMWV	high mobility multiple wheeled vehicle
HMR	Helemano Military Reservation
HMX	high melting explosive
HPP	Historic Preservation Plan
HQDA	Headquarters, Department of the Army
HSMS	Hazardous Substance Materials System
HWSSP	Hazardous Waste Shop Storage Point
Hz	Hertz
I Corps	First Corps
I3A	Installation Information Infrastructure Architecture

LIST OF ACRONYMS *(continued)*

Acronym	Full Phrase
IAF	initial approach fix
IARII	International Archaeological Research Institute, Inc.
IAV	interim armored vehicle
IBCT	Interim Brigade Combat Team
ICM	improved conventional munitions
ICRMP	Integrated Cultural Resources Management Plan
ICS	Incident Command System
ICUZ	installation compatible use zone
ICV	infantry carrier vehicle
IDG	installation design guide
IDP	Inadvertent Discovery Plan
IFR	instrument flight rules
Initial BCT	Initial Brigade Combat Team
INRMP	Integrated Natural Resources Management Plan
IOC	initial operational capability
IPMP	Integrated Pest Management Plan
IR Plan	Integrated Resource Plan
IRP	installation restoration program
ISCP	Installation Spill Contingency Plan
ISF	Information Systems Facility
ISTEA	Intermodal Surface Transportation Efficiency Act
ITAM	Integrated Training Area Management
ITE	Institute of Transportation Engineers
JBPDS	Joint Biological Point Detections Systems
JICPAC	Joint Intelligence Command, Pacific
JMC	Army/Air Force Joint Mobility Center
KLOA	Kawailoa Training Area
KMR	Kawaihae Military Reservation
KMWP	Ko'olau Mountains Watershed Partnership
KTA	Kahuku Training Area
kV	kilovolt
LBP	lead-based paint
LCA	Land Commission Awards
LCTA	Land Condition Trend Analysis
LCX	Logistical Coordination Exercise
Ldn	day-night average sound level
Leq	equivalent noise levels
Leq values	average noise levels
LFX	live fire exercise
Lmax	maximum A-weighted decibel level
LOS	level-of-service

LIST OF ACRONYMS *(continued)*

Acronym	Full Phrase
LPG	liquid petroleum gas
LRAM	Land Rehabilitation and Maintenance
LRLTP	Long Range Land Transportation Plan
LSVs	logistic support vessels
LURS	Land Use Requirements Study
LUST	leaking underground storage tank
MAC	mount assault course
MACOM	Major Command
MACZMAG	Marine and Coastal Zone Management Advisory Group
MAP	missed approach point
MAPEX	map exercise
MARS	military-affiliated radio station
MBTA	Migratory Bird Treaty Act
MC	mortar carrier
MDF	multiple deployment facility
MEV	medical evacuation vehicle
MGD	million gallons per day
MGS	mobile gun system
MIDI	Military Item Disposal Instruction
MILES	Multiple Integrated Laser Engagement System
MIM	maneuver impact mile
MIP	Mākuā Implementation Plan
MIT	moving infantry targets
mm	millimeter
MMPA	Marine Mammal Protection Act
MMR	Mākuā Military Reservation
MOA	Memorandum of Agreement
MOAs	military operations areas
MOU	Memorandum of Understanding
MOUT	military operations in urban terrain
MP	military police
MPA	Marine Protected Areas
MPM	most probable munitions
MPRC	Multi-purpose range complex
MR	Military reservation
MSA	Magnuson-Stevens Fishery Conservation and Management Act
MSD	mortar simulation devices
MSDS	material safety data sheet
msl	mean sea level
MSTF	Mission Support Training Facility
MU	management unit

LIST OF ACRONYMS *(continued)*

Acronym	Full Phrase
MVA	megavolt-ampere
NAAQS	National Ambient Air Quality Standards
NACO	National Aeronautical Charting Office
NAGPRA	Native American Graves Protection and Repatriation Act
NALF	Navy Landing Airfield
NAVFACENGCOM	Naval Facilities Engineering Command
NBC	Nuclear, Biological, and Chemical
NCP	National Contingency Plan
NEPA	National Environmental Policy Act of 1969
NESHAP	National Emission Standard for Hazardous Air Pollutants
NFRAP	no further response action planned
NHPA	National Historic Preservation Act
NIEHS	National Institute of Environmental Health Sciences
NIH	National Institutes of Health
NISA	National Invasive Species Act of 1996
NMFS	National Marine Fisheries Service
NMHC	nonmethane hydrocarbon
NO ₂	nitrogen dioxide
NOAA Fisheries	National Oceanic and Atmospheric Administration's National Marine Fisheries Service
NOE	Nap of the Earth (low elevation flights)
NOI	notice of intent
NO	nitric oxide
NOTAM	Notice to Airmen
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NSR	new source review
OB/OD	open burn/open detonation
OC	organic compounds
OEQC	Office of Environmental Quality Control
OG	organic gases
OHA	Office of Hawaiian Affairs
OMA	Operation and Maintenance, Army
OMPO	O'ahu Metropolitan Planning Organization
ONR	Office of Naval Research
OPA	Other Procurement, Army
ORMP	Ocean Resources Management Plan
OSHA	Occupational Safety and Health Administration
MOOTW	Military Operations Other Than War

LIST OF ACRONYMS *(continued)*

Acronym	Full Phrase
OU2	Operable Unit 2
OU	Operable Unit
OWS	oil/water separator
P2	pollution prevention
PA	Programmatic Agreement
PACAF	Headquarters Pacific Air Forces
PAH	Polycyclic aromatic hydrocarbon
PASH	Public Access Shoreline Hawai'i vs. County of Hawai'i Planning Commission
PCB	polychlorinated biphenyl
pCi/L	picocuries per liter
PCPI	per capita personal income
PCSU	Pacific Cooperative Studies Unit
PDC	Pacific Disaster Center
PEIS	programmatic environmental impact statement
PM ₁₀	inhalable particulate matter
PM _{2.5}	fine particulate matter
POI	pollutants of interest
POLs	petroleum, oils, and lubricants
POV	privately owned vehicle
ppb	parts per billion
ppm	parts per million
ppt	parts per thousand
PRG	preliminary remediation goal
PSD	prevention of significant deterioration
PTA	Pōhakuloa Training Area
PTO	permit to operate
PVC	poly-vinyl chloride
QTR1	Multipurpose Qualification Training Range, McCarthy Flats
QTR2	Multipurpose Qualification Training Range, South Range Acquisition Area
RAWS	Remote automated weather stations
RCRA	Resource Conservation and Recovery Act
RCUH	The Research Corporation of the University of Hawaii
RD Plan	Range Development Plan
RDX	cyclotrimethylenetrinitramine
RF	radio frequency
RFMSS	Range Facility Management Support System
RHC	reactive hydrocarbon
RI	remedial investigation
RLA	reduced land acquisition
RMSSP	Recyclable Material Shop Storage Point

LIST OF ACRONYMS *(continued)*

Acronym	Full Phrase
ROC	reactive organic compound
ROCA	Range Operation Control Area
ROD	Record of Decision
ROG	reactive organic gas
ROI	region of influence
RSTA	reconnaissance, surveillance, and target acquisition
RTV	rational threshold value
RV	reconnaissance vehicle
SAIC	Science Applications International Corporation
SAP	satellite accumulation point
SARA	Superfund Amendments and Reauthorization Act
SAT	stationary armor targets
SBCT	Stryker Brigade Combat Team
SBER	Schofield Barracks East Range
SBMR	Schofield Barracks Military Reservation
SCP	spill contingency plan
SCS	Soil Conservation Service
SEL	sound exposure level
SEMP	Soil Erosion Monitoring Program
SENEL	single event noise exposure level
SHPD	School Health Program Department
SHPO	State Historic Preservation Officer
SIP	State Implementation Plan
SIT	stationary infantry targets
SMA	special management area
SOC	Species of Concern
SOP	standard operating procedure
SPCC	spill prevention, control, and countermeasure
SR	state route
SRAA	South Range Acquisition Area
SRP	Sustainable Range Program
SRP, Inc.	Social Research Pacific, Inc.
SRTA	short-range training ammunition
STX	Situation Training Exercise
SVOC	semi volatile organic compound
SWPCP	Storm Water Pollution Control Plan
TAMC	Tripler Army Medical Center
TAP	transfer accumulation point
TC Plan	Transformation Campaign Plan
TCA	trichloroacetic acid
TCE	trichloroethylene

LIST OF ACRONYMS *(continued)*

Acronym	Full Phrase
TCP	traditional cultural property
TDS	total dissolved solids
TEWT	tactical exercise without troops
THC	total hydrocarbon
TLV	threshold level value
TMDL	total maximum daily load
TNC	The Nature Conservancy
TNT	trinitrotoluene
TOC	total organic compound
TOG	total organic gas
TOW missile	tube-launched, optically-tracked, wire-guided missile
TRI	training requirement integration
TSCA	Toxic Substances Control Act
TSDF	Treatment, Storage, or Disposal Facility
TSVs	theater support vessels
UACTF	Urban Assault Training Facility
UAV	unmanned aerial vehicle
UCL	upper confidence limit
US	United States
USACE	US Army Corps of Engineers
USAEC	US Army Environmental Center
USAG-HI	US Army Garrison, Hawai'i
USARAK	US Army Alaska
USARHAW	US Army Hawai'i
USDA	US Department of Agriculture
USEPA	US Environmental Protection Agency
USFWS	US Fish and Wildlife Service
USGS	United States Geological Survey
UST	underground storage tank
UXO	unexploded ordnance
V/C	volume-to-capacity
VFR	visual flight rules
VFTF	Virtual Fighting Training Facility
VKT	vehicle kilometers traveled
VMT	vehicle miles traveled
VOC	volatile organic compound
vpd	vehicles per day
vph	vehicles per hour
WAAF	Wheeler Army Air Field
Web	World Wide Web
WFMP	Wildland Fire Management Plan

LIST OF ACRONYMS *(continued)*

Acronym

Full Phrase

WPAA

West PTA Acquisitions Area

WRRC

Water Resources Research Center

WWTP

wastewater treatment plant

LIST OF ACRONYMS *(continued)*

Acronym	Full Phrase
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LIST OF ACRONYMS *(continued)*

Acronym	Full Phrase
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