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Acronyms

The following is a list of acronyms used in the EA. Acronyms are spelled out at the first use in each chapter.

AC Advisory Circular

ACM Asbestos containing material ACS American Community Survey

AEDT Aviation Environmental Design Tool
Airport Raleigh-Durham International Airport
Airport Authority Raleigh-Durham Airport Authority
AIP Airport Improvement Program

AJD Approved Jurisdictional Determination

ALP Airport Layout Plan
APE Area of Potential Effect

ASDA Accelerate Stop Distance Available

ASR Alkali Silica Reactivity
AST Aboveground Storage Tank
ATCT Air Traffic Control Tower

BCC Birds of Conservation Concern list
BGPA Bald and Golden Eagle Protection Act

BMP Best management practices C&D Construction & Demolition

CAA Clean Air Act (as amended in 1990)
CEQ Council on Environmental Quality

CERCLA Comprehensive Environmental Response, Compensation, and Liability

Act of 1980

CFR Code of Federal Regulations

CH₄ Methane

CO Carbon Monoxide CO₂ Carbon Dioxide

CO₂e Carbon Dioxide Equivalent
CONRAC Consolidated Rental Car Facility

CWA Clean Water Act

dB Decibel

DNL Day-Night Average Sound Level

DSA Detailed Study Area

DWM Department of Waste Management

EA Environmental Assessment

EC Engineering controls

ECHO Enforcement and Compliance History Online Tool

EIS Environmental Impact Statement

EJ Environmental Justice

EMS Emergency Management Services

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EO Executive Order

EPCRA Emergency Planning and Community Right to Know Act

ESA Endangered Species Act

ESC Erosion and Sedimentation Control FAA Federal Aviation Administration

FEMA Federal Emergency Management Agency

FIRM Flood Insurance Rate Map
FOD Foreign Object Debris

FONSI Finding of No Significant Impact

FR Federal Register GHG Greenhouse Gas

GIS Geographic Information System
GPS Global Positioning System

GSA General Study Area

GSE Ground Support Equipment
GWP Global Warming Potential

HFC Hydrofluorocarbon HQW High Quality Waters

ILS Instrument Landing System

IPaC Information, Planning, and Conservation System

JD Jurisdictional Determination

LBP Lead-based paint

LDA Landing Distance Available

LED Light Emitting Diode

LEDPA Least Environmentally Damaging Practicable Alternative

LTTD Low Temperature Thermal Desorption
LWCF Land and Water Conservation Fund Act

MALSR Medium Intensity Approach Lights with Runway Alignment Indicator

Master Plan Vision 2040 Master Plan MMP Materials Management Plan

N₂O Nitrous Oxide

NAAQS National Ambient Air Quality Standards

NCDCR North Carolina Department of Natural and Cultural Resources

NCDEQ North Carolina Department of Environmental Quality

NCDOT North Carolina Department of Transportation

NCGS North Carolina Geological Survey

NCNHP North Carolina Natural Heritage Program
NCOSA North Carolina Office of State Archaeology
NCSHPO North Carolina State Historic Preservation Office

NEPA National Environmental Policy Act of 1969, as amended

NHPA National Historic Preservation Act
NMFS National Marine Fisheries Service

NOAA National Oceanic and Atmospheric Administration

NO₂ Nitrogen Dioxide NOx Nitrogen Oxide

NPDES National Pollutant Discharge Elimination System

NPL National Priorities List

NRCS USDA Natural Resource Conservation Service

NRHP National Register of Historic Places

 O_3 Ozone

OFA Object Free Area
OFZ Object Free Zone
OPA Oil Pollution Act

ORW Outstanding Resource Waters

OU Operable Unit

PAPI Precision Approach Path Indicator

Pb Lead

PCBs Polychlorinated Biphenyls
PCC Portland Cement Concrete

PFC Perfluorocarbon

PFCs Passenger Facility Charges

PJD Preliminary Jurisdictional Determination

PM_{2.5} Particulate matter less than 2.5 microns in diameter PM₁₀ Particulate matter less than 10 microns in diameter

PPA Pollution Prevention Act

ppb Parts per billion ppm Parts per million RA Removal Action

RAST Regional Aboveground Storage Tank database
RCRA Resource Conservation and Recovery Act of 1976

RCW Red-Cockaded Woodpecker

RDU Raleigh-Durham International Airport

REILs Runway End Identifier Lights

RI/FS Remedial Investigation and Feasibility Study

ROD Record of Decision
ROW Right-of-way

RPZ Runway Protection Zone
RSA Runway Safety Area

RUST Regional Underground Storage Tank database SBRA Supplemental Baseline Risk Assessment

SDWA Safe Drinking Water Act SF₆ Sulfur Hexafluoride

SHPO State Historic Preservation Office

SIP State Implementation Plan
SMP Sustainability Management Plan

SO₂ Sulfur Dioxide

SOx Sulfur Oxide

SPCC Spill Prevention, Control and Countermeasure

SRI Supplemental Remedial Investigation

TAF Terminal Area Forecasts

TCB Tricolored bat

TERPS Terminal Instrument Procedures
THPO Tribal Historic Preservation Officers

TODA Takeoff Distance Available
TORA Takeoff Run Available
TRI Toxic Release Inventory

TSCA Toxic Substances Control Act of 1976

TSS Threshold Siting Surface

UDO Unified Development Ordinances
USACE U.S. Army Corps of Engineers

U.S.C. U.S. Code

USDOT U.S. Department of Transportation
USEPA U.S. Environmental Protection Agency

USFWS U.S. Fish and Wildlife Service

USGS U.S. Geological Society
UST Underground Storage Tank
VOC Volatile Organic Compound