



**CONCORD-PADGETT REGIONAL
AIRPORT
MASTER PLAN UPDATE**

Prepared for:

City of Concord, North Carolina,
Federal Aviation Administration,
and
North Carolina Department of Transportation Division of Aviation

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ACRONYMS AND ABBREVIATIONS

°	Degree
§	Subsection
µg	Micrograms
737800	143 to 160 Seat Twin-Engine Turbine
A	Airbus
A320	143 to 160 Seat Twin-Engine Turbine
AaB	Altavista Sandy Loam
AAV	Allegiant Travel Company
ACCRI	Aviation Climate Change Research Initiative
ACRP	Airport Cooperative Research Program
AEC	Area of Environmental Concern
AEDT	Aviation Environmental Design Tool
AFD	Airport/Facility Directory
AFFF	Aqueous Film Forming Foam
AFP	Anson County Airport
AGL	Above Ground Level
AIP	Airport Improvement Program
AKH	Gastonia Municipal Airport
ALP	Airport Layout Plan
AMSL	Above Mean Sea Level
AOC	Airport Operating Certificated
AOD	Airport Overlay District
APM	Aircraft Planning Manual
AQI	Air Quality Index
ARC	Airport Reference Code
ARFF	Aircraft Rescue and Firefighting
ARP	Airport Reference Point
AST	Aboveground Storage Tank
ASTM	American Society of Testing and Materials
ASV	Annual Service Volume
ATC	Air Traffic Control
ATCT	Air Traffic Control Tower
ATV	All-Terrain Vehicle
AWOS	Automated Weather Observing System
B206L	4 to 6 Seat Turbine Helicopter
BEC58P	6 to 8 Seat Variable-Speed Propeller
BGEPA	Bald and Golden Eagle Protection Act
BRL	Building Restriction Line
C&D	Construction and Demolition
C-2	General Commercial
CAMA	North Carolina Coastal Area Management Act

CBRA	Coastal Barrier Resource Act
CcB2	Cecil Sandy Clay Loam
CcD2	Cecil Sandy Clay Loam
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CFC	Chlorofluorocarbon
CFR	Code of Federal Regulations
CH ₄	Methane
ChA	Chewacla Sandy Loam
CL	Centerline
CL600	8 to 19 Seat Twin-Engine Turbine
CLT	Charlotte-Douglas International Airport
CNA55B	8 to 19 Seat Twin-Engine Turbine
CO	Carbon Monoxide
CO ₂	Carbon Dioxide
CoB	Coronaca Clay Loam
COC	Carbon Offset Credit
CoD	Coronaca Clay Loam
CRC	Carbon Reduction Credit
CTAF	Common Traffic Advisory Frequency
CuB2	Cullen Clay Loam
CuD2	Cullen Clay Loam
DA	Decision Altitude
dB	Decibel
dB-A	A-Weighted Sound Level
DBH	Diameter at Breast Height
DHC6	4 to 8 Seat Turbine Propeller
DME	Distance Measuring Equipment
DMP	Debris Management Plan
DNL	Day-Night Average Sound Level
E	Endangered
EMAS	Engineered Materials Arresting System
EnB	Enon Sandy Loam
EnD	Enon Sandy Loam
EQY	Charlotte-Monroe Executive Airport
ESA	Environmental Site Assessment
EXX	Davidson County Airport
FAA	Federal Aviation Administration
FAC	Facultative
FACW	Facultative Wetland
FAR	Federal Aviation Regulation
FBO	Fixed Base Operator
FEMA	Federal Emergency Management Agency

FL	Florida
FLL	Fort Lauderdale/Hollywood International Airport
FMRA	FAA Modernization and Reform Act
FOD	Foreign Object Debris
FPPA	Farmland Protection Policy Act
FSC	Federal Species of Concern
FW	Fresh Water
GA	General Aviation
GASEPF	2 to 4 Seat Fixed and Variable-Speed Propeller
GASEPV	2 to 4 Seat Fixed and Variable-Speed Propeller
GHG	Greenhouse Gas
GND CON	Ground Communication
GPS	Global Positioning System
GSO	Piedmont Triad International Airport
H ₂ O	Water Vapor
HAP	Hazardous Air Pollutants
HBI	Asheboro Regional Airport
HCFC	Hydrochlorofluorocarbon
HIRL	High Intensity Runway Lights
HUC	Hydrologic Unit Code
Hz	Hertz
I	Interstate
I-1	Light Industrial
I-1-CD	Light Industrial
I-1-CU	Light Industrial
I-2	General Industrial
I-2-CD	General Industrial
IFR	Instrument Flight Rules
ILS	Instrument Landing System
IPCC	Intergovernmental Panel on Climate Change
IPJ	Lincolnton-Lincoln County Regional Airport
ISO	International Standard Observation
JQF	Concord-Padgett Regional Airport
KIAS	Knots Indicated Air Speed
LA	Louisiana
LDR	Low Density Residential
LED	Light Emitting Diode
LEED	Leadership in Energy and Environmental Design
LNAV	Lateral Navigation
LOC	Localizer
LPV	Localizer Performance with Vertical Guidance
m ³	Cubic Meter
MALSR	Runway Alignment Indicator Lights

MD	McDonnell Douglas
MD80	143 To 160 Seat Twin-Engine Turbine
MDA	Minimum Decent Altitude
MeD	Mecklenburg Loam
MEP	Multi-Engine Piston
mg	Milligrams
MITL	Medium Intensity Taxiway Light
MSA	Metropolitan Statistical Area
MSY	Louis Armstrong New Orleans International Airport
N	No
N ₂ O	Nitrous Oxide
NAAQS	National Ambient Air Quality Standards
NASA	National Aeronautics and Space Administration
NC	North Carolina
NCDEQ	North Carolina Department of Environmental Quality
NCDEQ-DAQ	North Carolina Department of Environmental Quality, Division of Air Quality
NCDEQ-DCM	North Carolina Department of Environmental Quality, Division of Coastal Management
NCDEQ-DWQ	North Carolina Department of Environmental Quality, Division of Water Quality
NCDOT-DOA	North Carolina Department of Transportation -Division of Aviation
NCE	No Criteria Exceeded
NCNHP	North Carolina Natural Heritage Program
NCSHPO	North Carolina State Historic Preservation Office
NEM	Noise Exposure Map
NH ₃	Ammonia
NLR	Noise Reduction Level
NMFS	National Marine Fisheries Service
NO ₂	Nitrogen Dioxide
NO _x	Nitrogen Oxide
NPDES	National Pollutant Discharge Elimination System
NPIAS	National Plan of Integrated Airport Systems
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
O ₃	Ozone
OBL	Obligate
OFA	Object Free Area
OFZ	Obstacle Free Zone
PaF	Pacolet Sandy Loam
PAPI	Precision Approach Path Indicator
PARTNER	Partnership for AiR Transportation Noise and Emissions Reduction
pax	Passenger

Pb	Lead
PCB	Polychlorinated Biphenyls
PCI	Pavement Condition Index
PDG	Punta Gorda Airport
PIE	St. Petersburg-Clearwater International Airport
PL	Public Law
PM	Particulate Matter
PoB	Poindexter Loam
PoD	Poindexter Loam
PoF	Poindexter Loam
POFZ	Precision Obstacle Free Zone
POI	Parameter of Interest
ppb	Parts per Billion
pph	Peak Passenger Hour
ppm	Parts per Million
RDC	Runway Design Code
REC	Recognized Environmental Condition
REIL	Runway End Identifier Lights
RGL	Regulatory Guidance Letter
RNAV	Area Navigation
ROFA	Runway Object Free Area
ROFZ	Runway Obstacle Free Zone
RPZ	Runway Protection Zone
RSA	Runway Safety Area
RUQ	Rowan County Airport
RVR	Runway Visual Range
RWY	Runway
S	Straight-In
SEP	Single-Engine Piston
SF ₆	Sulfur Hexafluoride
SFB	Orlando Sanford International Airport
SIDA	Security Identification Display Area
SIP	State Implementation Plan
SO ₂	Sulfur Dioxide
SO _x	Sulfur Oxide
SPCC	Spill Prevention, Control and Countermeasures Plan
SPL	Sound Pressure Level
SV	Standards Violation
SVH	Statesville Regional Airport
SWANCC	Solid Waste Agency of Northern Cook County
T	Threatened
TAF	Terminal Area Forecast
TAP	Terminal Area Plan

TBD	To Be Determined
TDZ	Touch Down Zone
TDZL	Touchdown Zone Lights
TFMSC	Traffic Flow Management System Counts
TJ	Turbo Jet
TMDL	Total Maximum Daily Load
TP	Turbo Prop
TRB	Transportation Research Board
TSA	Transportation Security Administration
Ud	Udorthents Loamy
UNICOM	Universal Communication
US	United States
USACE	United States Army Corps of Engineers
USC	United States Code
USC	Use Support Category
USDA	United States Department of Agriculture
USDHHS	United State Department of Health and Human Services
USDOT	United States Department of Transportation
USEPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service
USGAO	United States General Accounting Office
USGS	United States Geologic Survey
UZA	Rock Hill-York County Airport
VFR	Visual Flight Rules
VHF	Very High Frequency
VNAV	Vertical Navigation
VOC	Volatile Organic Compound
VOR	VHF Omnidirectional Range
VUJ	Stanly County Airport
W	Water
WeA	Wehadkee Loam
WS	Watershed
WWTP	Wastewater Treatment Plant
Y	Yes