

1	Purpose and Need	1-1
1.1	Introduction	1-1
1.2	Background Information	1-2
1.3	Description of the Proposed Action	1-8
1.4	Timeframe of the Proposed Action	1-27
1.5	Need for Proposed Action	1-28
1.5.1	The Need to Reconstruct Runway 5L/23R	1-28
1.5.2	The Need to Maintain RDU's Existing Infrastructure and Operational Capabilities	1-29
1.6	Purpose of the Project	1-31
1.7	Requested Federal Actions	1-31
2	Alternatives	2-1
2.1	Range of Alternatives Considered	2-2
2.2	Runway Alternatives	2-2
2.2.1	Alternative A (No Action Alternative)	2-3
2.2.2	Alternative B1 (Construct New Runway at a New Airport)	2-4
2.2.3	Alternative B2 (Use of Another Runway at an Existing Airport)	2-4
2.2.4	Alternative B3 (Use of Alternative Modes of Transportation)	2-4
2.2.5	Alternative B4 (Use of Technology)	2-4
2.2.6	Alternative C1 (Reconstruct Runway 5L/23R in its Existing Alignment)	2-5
2.2.7	Alternative C2 (Relocate Runway 5L/23R at a Total Length of 10,000 Feet)	2-6
2.2.8	Alternative C3 (Relocate Runway 5L/23R at a Total Length of 10,639 Feet)	2-7
2.2.9	Alternative C4 (Relocate Runway 5L/23R at a Total Length of 11,500 feet)	2-8
2.2.10	Alternative C5 (Runway 5R/23L Extension)	2-9
2.2.11	Alternative C6 (Crossfield Runway Extension)	2-10
2.3	Lumley Road Alternatives	2-11
2.3.1	Relocate Lumley Road Outside and Around the RPZ	2-11
2.3.2	Tunnel Lumley Road Beneath the RPZ	2-11
2.4	Fill Dirt Borrow Site Alternatives	2-12
2.4.1	Use On-Airport Borrow Sites	2-12
2.4.2	Use Off Airport Borrow Sites	2-13
2.5	Alternatives Evaluation Process	2-13
2.5.1	Step One - Achieves Purpose and Need	2-14
2.5.2	Step Two - Technically and Economically Feasible	2-16
2.6	Alternatives Retained for Detailed Analysis in the EA	2-18
3	Affected Environment	3-1
3.1	Setting	3-1
3.2	Air Quality	3-1
3.2.1	Regulatory Setting	3-1
3.2.2	Affected Environment	3-3
3.3	Biological Resources (including fish, wildlife, and plants)	3-5

3.3.1	Regulatory Setting	3-5
3.3.2	Affected Environment	3-5
3.4	Climate	3-8
3.4.1	Regulatory Setting	3-8
3.4.2	Affected Environment	3-8
3.5	Department of Transportation Act (DOT) Section 4(f)	3-9
3.5.1	Regulatory Setting	3-9
3.5.2	Affected Environment	3-9
3.6	Hazardous Materials, Solid Waste, and Pollution Prevention	3-10
3.6.1	Regulatory Setting	3-10
3.6.2	Affected Environment	3-11
3.7	Historic, Architectural, Archaeological, and Cultural Resources	3-24
3.7.1	Regulatory Setting	3-24
3.7.2	Affected Environment	3-24
3.8	Land Use	3-28
3.8.1	Regulatory Setting	3-28
3.8.2	Affected Environment	3-28
3.9	Natural Resources and Energy Supply	3-32
3.9.1	Regulatory Setting	3-32
3.9.2	Affected Environment	3-32
3.10	Noise and Noise-Compatible Land Use	3-32
3.10.1	Regulatory Setting	3-32
3.10.2	Affected Environment	3-33
3.11	Socioeconomics, Environmental Justice, and Children’s Environmental Health and Safety Risks	3-36
3.11.1	Regulatory Setting	3-36
3.11.2	Affected Environment	3-37
3.12	Visual Effects (including light emissions)	3-46
3.12.1	Regulatory Setting	3-46
3.12.2	Affected Environment	3-46
3.13	Water Resources (including wetlands, floodplains, surface waters, and groundwater)	3-47
3.13.1	Regulatory Setting	3-47
3.13.2	Affected Environment	3-47

4	Environmental Consequences and Mitigation Measures	4-1
4.1	Analysis Years	4-1
4.2	Air Quality	4-1
4.2.1	Significance Threshold	4-1
4.2.2	Methodology	4-2
4.2.3	Future Conditions: 2028	4-2
4.2.4	Future Conditions: 2033	4-3
4.2.5	Construction	4-4
4.2.6	Summary	4-4
4.2.7	Mitigation, Avoidance, and Minimization Measures	4-6
4.3	Biological Resources (including fish, wildlife, and plants)	4-6
4.3.1	Significance Threshold	4-6
4.3.2	Methodology	4-7
4.3.3	Future Conditions: 2028	4-7
4.3.4	Future Conditions: 2033	4-13
4.3.5	Mitigation, Avoidance, and Minimization Measures	4-13
4.4	Climate	4-14
4.4.1	Significance Threshold	4-14
4.4.2	Methodology	4-14
4.4.3	Future Conditions: 2028	4-14
4.4.4	Future Conditions: 2033	4-15
4.4.5	Construction	4-15
4.4.6	Summary	4-16
4.4.7	Climate Adaptation	4-17
4.4.8	Mitigation, Avoidance, and Minimization Measures	4-18
4.5	Department of Transportation Act, Section 4(f)	4-18
4.5.1	Significance Threshold	4-18
4.5.2	Future Conditions: 2028	4-19
4.5.3	Future Conditions: 2033	4-20
4.5.4	Mitigation, Avoidance, and Minimization Measures	4-20
4.6	Hazardous Materials, Solid Waste, and Pollution Prevention	4-20
4.6.1	Significance Threshold	4-20
4.6.2	Future Conditions: 2028	4-21
4.6.3	Future Conditions: 2033	4-25
4.6.4	Mitigation, Avoidance, and Minimization Measures	4-25
4.7	Historical, Architectural, Archaeological, and Cultural Resources	4-27
4.7.1	Significance Threshold	4-27
4.7.2	Future Conditions: 2028	4-27
4.7.3	Future Conditions: 2033	4-28
4.7.4	Mitigation, Avoidance, and Minimization Measures	4-28
4.8	Land Use	4-31
4.8.1	Significance Threshold	4-31
4.8.2	Future Conditions: 2028	4-31

4.8.3	Future Conditions: 2033	4-33
4.8.4	Mitigation, Avoidance, and Minimization Measures	4-34
4.9	Natural Resources and Energy Supply	4-35
4.9.1	Significance Threshold	4-35
4.9.2	Future Conditions: 2028	4-35
4.9.3	Future Conditions: 2033	4-37
4.9.4	Mitigation, Avoidance, and Minimization Measures	4-37
4.10	Noise and Noise-Compatible Land Use	4-37
4.10.1	Significance Threshold	4-38
4.10.2	Methodology	4-38
4.10.3	Future Conditions: 2028	4-40
4.10.4	Future Conditions: 2033	4-44
4.10.5	Mitigation, Avoidance, and Minimization Measures	4-50
4.11	Socioeconomics, Environmental Justice, and Children’s Environmental Health and Safety Risks	4-52
4.11.1	Significance Threshold	4-52
4.11.2	Future Conditions: 2028	4-53
4.11.3	Future Conditions: 2033	4-62
4.11.4	Mitigation, Avoidance, and Minimization Measures	4-63
4.12	Visual Effects (including light emissions)	4-63
4.12.1	Significance Threshold	4-63
4.12.2	Future Conditions: 2028	4-64
4.12.3	Future Conditions: 2033	4-66
4.12.4	Mitigation, Avoidance, and Minimization Measures	4-66
4.13	Water Resources (including wetlands, surface open waters, floodplains, and groundwater)	4-67
4.13.1	Significance Threshold	4-67
4.13.2	Future Conditions: 2028	4-68
4.13.3	Future Conditions: 2033	4-84
4.13.4	Mitigation, Avoidance, and Minimization Measures	4-84
4.14	Cumulative Impacts	4-86
4.14.1	Past Actions	4-89
4.14.2	Present Actions	4-90
4.14.3	Reasonably Foreseeable Future Actions	4-91
4.14.4	Cumulative Impact Determinations	4-95
4.14.5	Cumulative Impact Summary	4-100
4.15	Identification of the Environmentally Preferred Alternative	4-100

5	Coordination and Public Involvement	5-1
5.1	Public Website and Project Mailing List	5-1
5.2	Scoping Outreach	5-2
5.2.1	Public Scoping	5-2
5.2.2	Agency Scoping	5-3
5.2.3	Scoping Comments	5-3
5.3	Outreach Prior to Release of the Draft EA	5-4
5.3.1	Outreach to Specific Agencies	5-4
5.3.2	Outreach to EJ Population with Identified Environmental Impacts	5-5
5.3.3	Outreach to General EJ Population	5-5
5.3.4	Outreach to Population with Potential Noise Impacts	5-5
5.4	Availability of the Draft EA	5-6
5.5	Public Hearing / Workshop	5-6
5.6	Comments on the Draft EA	5-6
5.7	Responses to Comments on the Draft EA	5-7
6	List of Preparers	6-1
6.1	Federal Aviation Administration	6-1
6.2	U.S. Army Corps of Engineers	6-1
6.3	Raleigh-Durham International Airport	6-1
6.4	Landrum & Brown	6-1
6.5	Airport Design Consultants, Inc. (ADCI)	6-1
6.6	GS&P/NC, P.C.	6-2
6.7	Legacy Research Associates	6-2
6.8	Three Oaks Engineering, Inc	6-2
6.9	Public Participation Partners (P3)	6-2

List of Appendices

- APPENDIX A – AGENCY AND PUBLIC INVOLVEMENT
- APPENDIX B – PURPOSE AND NEED AND ALTERNATIVES
- APPENDIX C – AIR QUALITY AND CLIMATE
- APPENDIX D – BIOLOGICAL RESOURCES
- APPENDIX E – SECTION 106 CONSULTATION
- APPENDIX F – NOISE
- APPENDIX G – ENVIRONMENTAL JUSTICE
- APPENDIX H – WATER RESOURCES
- APPENDIX I – LAND USE ASSURANCE
- APPENDIX J – RESPONSES TO COMMENTS

List of Tables

Table 1-1, Enplaned Passenger Forecast	1-4
Table 1-2, Aircraft Activity Forecast	1-5
Table 1-3, Proposed Action Project Elements and Construction Phasing	1-27
Table 2-1, Step One Screening	2-14
Table 2-2, Step Two Screening	2-16
Table 3-1, Attainment / NonAttainment Designations for the GSA	3-4
Table 3-2, Existing Conditions Emissions Inventory (Tons/Year)	3-5
Table 3-3, Federal Threatened and Endangered Species	3-6
Table 3-4, Existing Conditions GHG Emissions Inventory (Metric Tons/Year)	3-9
Table 3-5, RCRA Facilities within the DSA	3-18
Table 3-6, UST Facilities within the DSA	3-21
Table 3-7, NCDEQ-Regulated Petroleum Release Incidents within the DSA	3-22
Table 3-8, Solid Waste Landfill Capacity	3-23
Table 3-9, Hazardous Waste Commercial Storage and Disposal Facilities	3-23
Table 3-10, Areas Within the Existing Conditions Noise Exposure Contour (Square Miles)	3-35
Table 3-11, Non-Compatible Land Use Housing and Population – Existing Conditions Pre-Covid	3-35
Table 3-12, Existing Socioeconomic and Demographic Data	3-37
Table 3-13, Demographic Data by Census Block Group	3-39
Table 3-14, Minority Group Identification	3-42
Table 3-15, Schools and Day Care Centers Within the GSA	3-44
Table 3-16, Potentially Jurisdictional Wetlands Within the DSA	3-48
Table 3-17, Wetlands Protected Under Executive Order 11990	3-51
Table 3-18, FEMA-Regulated Floodplains Within the DSA	3-53
Table 4-1, Future (2028) No Action Alternative Emissions Inventory (Tons/Year)	4-2
Table 4-2, Future (2028) Proposed Action Emissions Inventory (Tons/Year)	4-3
Table 4-3, Future (2033) No Action Alternative Emissions Inventory (Tons/Year)	4-3
Table 4-4, Future (2033) Proposed Action Emissions Inventory (Tons/Year)	4-4
Table 4-5, Proposed Action Construction Emissions Inventory (Tons/Year)	4-4
Table 4-6, Total Emissions Inventory – Proposed Action (Tons/Year)	4-5
Table 4-7, Biological Determinations – Proposed Action	4-10
Table 4-8, Future (2028) No Action Alternative GHG Emissions Inventory	4-14
Table 4-9, Future (2028) Proposed Action GHG Emissions Inventory	4-15
Table 4-10, Future (2033) No Action Alternative GHG Emissions Inventory	4-15
Table 4-11, Future (2033) Proposed Action GHG Emissions Inventory	4-15
Table 4-12, GHG Construction Emissions Inventory – Proposed Action	4-16
Table 4-13, GHG Emissions Summary, Proposed Action Compared to No Action Alternative	4-17
Table 4-14, Aircraft Activity Forecast	4-39

Table 4-15, Noise Sensitive Facilities Comparison (2028)	4-44
Table 4-16, Noise Sensitive Facilities Comparison (2033)	4-49
Table 4-17, EJ Analysis Future (2028) No Action Alternative	4-54
Table 4-18, EJ Analysis Future (2028) Proposed Action	4-58
Table 4-19, Potentially Jurisdictional Wetland Impacts	4-71
Table 4-20, Impacts to Wetlands Protected Under Executive Order 11990	4-71
Table 4-21, Potentially Jurisdictional Stream Impacts	4-75
Table 4-22, Potentially Jurisdictional Non-Stream Surface Water Impacts	4-76
Table 4-23, Non-Section 404 Pond Impacts	4-77
Table 4-24, Past Actions	4-89
Table 4-25, Present Actions	4-90
Table 4-26, Reasonably Foreseeable Future Actions	4-92
Table 4-27, Cumulative Impact Determinations	4-95
Table 5-1, Agencies Invited to Agency Scoping Meetings	5-3

List of Exhibits

Exhibit 1-1, Proposed Runway length (TORA, TODA, ASDA, and LDA)	1-7
Exhibit 1-2, Proposed Action	1-9
Exhibit 1-3, Existing Contours Borrow Site East of Pleasant Grove Church Road	1-11
Exhibit 1-4, Proposed Contours Borrow Site East of Pleasant Grove Church Road	1-12
Exhibit 1-5, Proposed Cross Section Borrow Site East of Pleasant Grove Church Road	1-13
Exhibit 1-6, Proposed Depth of Cut Borrow Site East of Pleasant Grove Church Road	1-14
Exhibit 1-7, Existing Contours Borrow Site West of Pleasant Grove Church Road	1-15
Exhibit 1-8, Proposed Contours Borrow Site West of Pleasant Grove Church Road	1-16
Exhibit 1-9, Proposed Cross Section Borrow Site West of Pleasant Grove Church Road	1-17
Exhibit 1-10, Proposed Depth of Cut Borrow Site West of Pleasant Grove Church Road	1-18
Exhibit 1-11, Potential Conveyor Location	1-19
Exhibit 1-12, Proposed Obstruction removal (Priority One)	1-22
Exhibit 1-13, Proposed Obstruction removal (Priority Two)	1-23
Exhibit 1-14, Proposed Stormwater Detention Facilities	1-25
Exhibit 1-14, Proposed Runway Protection Zone (RPZ)	1-26
Exhibit 1-15, Runway 5L/23R Pavement Cracks	1-29
Exhibit 2-1, Alternative A (No Action Alternative)	2-3
Exhibit 2-2, Alternative C1 (Reconstruct Runway 5L/23R in its Existing Alignment)	2-5
Exhibit 2-3, Alternative C2 (Relocate Runway 5L/23R at a Total Length of 10,000 feet)	2-6
Exhibit 2-4, Alternative C3 (Relocate Runway 5L/23R at a Total Length of 10,639 feet)	2-7
Exhibit 2-5, Alternative C4 (Relocate 5L/23R at a Total Length of 11,500 feet)	2-8
Exhibit 2-6, Alternative C5 (Runway 5R/23L Extension)	2-9
Exhibit 2-7, Alternative C6 (Crossfield Runway Extension)	2-10
Exhibit 2-8, Potential On-Airport Borrow Sites	2-12
Exhibit 2-9, Screening Process	2-13
Exhibit 3-1, Study Areas	3-2
Exhibit 3-2, Ward Transformer Superfund Site Location	3-11
Exhibit 3-3, Operable Unit 1 Downstream Reach designations and Water Bodies	3-13
Exhibit 3-4, Operable Unit 2 Removal Action Phases	3-14
Exhibit 3-5, Operable Unit 2 PCB Contamination Left in Place	3-15
Exhibit 3-6, Operable Unit 2 Groundwater VOC Contamination Left In Place	3-16
Exhibit 3-7, Former Ward Transformer Facility Site Map	3-17
Exhibit 3-8, Hazardous Material Sites (Inactive, Closed, and Ongoing)	3-19
Exhibit 3-9, Indirect APE	3-27
Exhibit 3-10, Land Use	3-30
Exhibit 3-11, Airport Overlay Districts	3-31
Exhibit 3-12, Existing (2019) Conditions 65 DNL Noise Exposure Contour	3-34

Exhibit 3-13, Potential Low-Income Population by Census Block Group Within the GSA	3-40
Exhibit 3-14, Potential Minority Population by Census Block Group Within the GSA	3-41
Exhibit 3-15, Schools and Day Care Centers in the GSA	3-45
Exhibit 3-16, Overall Map of Water Resources	3-50
Exhibit 3-17, Floodplains	3-52
Exhibit 4-1, Limits of Disturbance (Potential Clearing Area)	4-9
Exhibit 4-2, Bald Eagle Nest Avoidance Area	4-12
Exhibit 4-3, Lumley Road Alignment Across Ward Transformer Site	4-23
Exhibit 4-4, Avoidance Area for Cemeteries	4-30
Exhibit 4-5, Noise Exposure Contour – Future (2028) No Action Alternative	4-41
Exhibit 4-6, Noise Exposure Contour – Future (2028) Proposed Action	4-42
Exhibit 4-7, Comparison of the Future (2028) No Action Alternative and Future (2028) Proposed Action	4-43
Exhibit 4-8, Noise Exposure Contour – Future (2033) No Action Alternative	4-45
Exhibit 4-9, Noise Exposure Contour – Future (2033) Proposed Action	4-47
Exhibit 4-10, Comparison of the Future (2033) No Action Alternative and Future (2033) Proposed Action	4-48
Exhibit 4-11, 2033 Areas of 1.5 DB increase	4-51
Exhibit 4-12, Water Resource Impacts	4-70
Exhibit 4-13, Floodplain Impacts	4-81
Exhibit 4-14, Proposed Stormwater Detention Facilities	4-83
Exhibit 4-15, Cumulative Impact Projects	4-88

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
ACI-NA	Airports Council International-North America
ACM	Asbestos containing material
ACS	American Community Survey
AEDT	Aviation Environmental Design Tool
AFE	Above field elevation
Airport	Raleigh-Durham International Airport
Airport Authority	Raleigh-Durham Airport Authority
AIP	Airport Improvement Program
AJD	Approved Jurisdictional Determination
ALP	Airport Layout Plan
AOA	Air Operations Area
APE	Area of Potential Effect
ASDA	Accelerate Stop Distance Available
ASR	Alkali Silica Reactivity
ASR	Airport Surveillance Radar
AST	Aboveground Storage Tank
ATCT	Air Traffic Control Tower
BMP	Best management practices
C&D	Construction & Demolition
CAA	Clean Air Act (as amended in 1990)
CBP	Customs and Border Protection
CEQ	Council on Environmental Quality
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CFR	Code of Federal Regulations
CH ₄	Methane
CO	Carbon Monoxide
CO ₂	Carbon Dioxide
CO ₂ e	Carbon Dioxide Equivalent
CONRAC	Consolidated Rental Car Facility
COVID	COVID-19 public health emergency
CWA	Clean Water Act
dB	Decibel
dBa	A-weighted Decibel
DMS	North Carolina Department of Environmental Quality Division of Mitigation Services
DNL	Day-Night Average Sound Level
DSA	Detailed Study Area
DWM	Department of Waste Management
EA	Environmental Assessment

EB	Engineering brief
EC	Engineering controls
ECHO	Enforcement and Compliance History Online Tool
EIS	Environmental Impact Statement
EJ	Environmental Justice
EMS	Emergency Management Services
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
FIS	Federal Inspection Station
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
GTC	Ground Transportation Center
GWP	Global Warming Potential
HFC	Hydrofluorocarbon
HUC	Hydrological Unit Code
ILF	In-lieu Fees
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
N ₂ O	Nitrous Oxide
NAAQS	National Ambient Air Quality Standards
NC	North Carolina
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
NCSAM	North Carolina Stream Assessment Method
NCSHPO	North Carolina State Historic Preservation Office
NCWAM	North Carolina Wetland Assessment Method
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
NO ₂	Nitrogen Dioxide
NO _x	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
OHWM	Ordinary High Water Mark
OPA	Oil Pollution Act
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
PM ₁₀	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
RIBITS	U.S. Army Corps of Engineers' Regulatory In-lieu Fee and Bank Information Tracking System
RI/FS	Remedial Investigation and Feasibility Study

ROD	Record of Decision
ROFA	Runway Object Free Area
RON	Remain Overnight
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
SEA	Seattle-Tacoma International Airport
SF ₆	Sulfur Hexafluoride
SHPO	State Historic Preservation Office
SIP	State Implementation Plan
SMP	Sustainability Management Plan
SO ₂	Sulfur Dioxide
SO _x	Sulfur Oxide
SPCC	Spill Prevention, Control and Countermeasure
SRI	Supplemental Remedial Investigation
SSCP	Security Screening Checkpoint
SWPPP	Stormwater Pollution Prevention Plan
TAF	Terminal Area Forecasts
TCB	Tricolored bat
THPO	Tribal Historic Preservation Officers
TODA	Takeoff Distance Available
TOFA	Taxiway Object Free Area
TORA	Takeoff Run Available
TRI	Toxic Release Inventory
TSA	Transportation Security Administration
TSCA	Toxic Substances Control Act of 1976
TSS	Threshold Siting Surface
UDO	Unified Development Ordinances
U.S.	United States
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