

APPENDIX D

Glossary of Acronyms



**DRAFT ENVIRONMENTAL ASSESSMENT
PROPOSED EXTENSION OF RUNWAY 6-24**

**ERIE INTERNATIONAL AIRPORT – TOM RIDGE FIELD
MARCH 2005**

APPENDIX D

GLOSSARY OF ACRONYMS

<u>Acronym</u>	<u>Meaning</u>
<u>- A -</u>	
<i>A/C</i>	Aircraft
<i>A/G</i>	Air to Ground
<i>A/H</i>	Altitude/Height
<i>AAI</i>	Arrival Aircraft Interval
<i>AADT</i>	Annual Average Daily Traffic
<i>A.A.E.</i>	Association of Airport Executives
<i>AAM</i>	Annual Arithmetic Mean
<i>AC</i>	Advisory Circular
<i>ACAIS</i>	Air Carrier Activity Information System
<i>ACDM</i>	Airport Capacity and Delay Model
<i>ACDO</i>	Air Carrier District Office
<i>ACF</i>	Area Control Facility
<i>ACFT</i>	Aircraft
<i>ACHP</i>	Advisory Council on Historic Preservation
<i>ACID</i>	Aircraft Identification
<i>ACIP</i>	Airport Capital Improvement Program
<i>ACM</i>	Agency Coordination Meeting
<i>ACOE</i>	United States Army Corps of Engineers
<i>ADA</i>	American Disabilities Act
<i>ADAL</i>	Aviation Demand Activity Levels

ADF	Automatic Direction Finding
ADG	Airplane Design Group
ADLY	Arrival Delay
ADO	Airport District Office
ADT	Average Daily Traffic
AERMET	AERMOD Meteorological Preprocessor
AERMIC	AMS/EPA Regulatory Model Improvement Committee
AERMOD	AERMIC Dispersion Model
AF	Airway Facilities
AFB	Air Force Base
AFFF	Aqueous Film Forming Foam
AFSS	Automated Flight Service Station
AGL	Above Ground Level
AICUZ	Air Installation Compatible Land Use
AID	Airport Information Desk
AIP	Airport Improvement Project
ALCAB	Agricultural Lands Condemnation Approval Board
ALP	Airport Layout Plan
ALS	Approach Lighting System <u>or</u> Advanced Life Support
ALSF	Approach Light System with Sequenced Flashers I
ALSF-2	Approach Light System with Sequenced Flashers II
ALSIP	Approach Lighting System Improvement Plan
ALT	Alternative
AMASS	Airport Movement Area Safety System
AMS	American Meteorological Society
AMSCO	American Sterilizer Company
ANSI	American National Standards Group
AOC	Area of Concern
AP	Acquisition Plan
APE	Area of Potential Effect
APP	Approach

APS	Airport Planning Standard
ARC	Airport Reference Code
ARFF	Airport Rescue Fire Fighting
ARTCC	Air Route Traffic Control Center
ARTS	Advanced Radar Terminal System
ASDA	Accelerate-Stop Distance Available
ASOS	Automatic Surface Observation System
ASR	Airport Surveillance Radar
AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
ASV	Annual Service Volume
AT	Air Traffic
ATA	Airport Transportation Association
ATAS	Airspace and Traffic Advisory Service
ATC	Air Traffic Control
ATCSCC	Air Traffic Control Systems Command Center
ATCT	Air Traffic Control Tower
ATIS	Automated Terminal Information Service
ATM	Air Traffic Management
AVGAS	Aviation Gas
AWIS	Airport Weather Information
AWOS	Automated Weather Observation System
AWS	Air Weather Station

- B -

Ba	Beach and Riverwash
B.A.	Bachelors of Arts
BASIC	Basic Contract Observing Station
BC	Benefit Cost Analysis
BcA	Berrign Fine Sandy Loam, 0-2% Slopes
BCA	Benefit/Cost Analysis

BcB	Berrign Fine Sandy Load, 2-8% Slopes
BCR	Benefit/Cost Ratio
BEA	Bureau of Economic Analysis
BEQ	Bureau of Environmental Quality
BHP	Bureau for Historical Preservation
BLS	Bureau of Labor Statistics
BMP	Best Management Practices
BMS	Bridge Management System
BOC	Bureau of the Census
BOD	Bureau of Design
Bp	Beach Sand
bps	bits per second
BRITE	Brite Radar Indicator Tower Equipment
BRL	Building Restriction Line
B.S.	Bachelors of Science
B.S.C.E.	Bachelor of Science in Civil Engineering

- C -

C	Candidate
CAA	Clean Air Act <u>or</u> Civil Aviation Authority
CAB	Civil Aeronautics Board
CAC	Community Advisory Committee
CAT	Category
CCW	Chautauqua-Conneaut Watershed
CDBG	Community Development Block Grants
CDT	Controlled Departure Time
CEQ	Council on Environmental Quality
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	CERCLA Information System
CFR	Code of Federal Regulations
Cg	Conotton Soils

CgB	Conotton Course Sandy Loam, 0-8 % Slopes
CgC	Conotton Course Sandy Loam, 8-15 % Slopes
ChA	Conotton Course Sandy Loam, 0-3%
CIP	Capital Improvement Program
Cm	Conotton Variant Soils
Cm3	Conotton Gravelly Sandy Loam, 0-3% Slopes
CM	Commercial Service Airport
CmA	Conotton Gravelly Sandy Loam, 0-3 % Slopes
CmB	Conotton Gravelly Sandy Loam, 3-8 % Slopes
CMS	Congestion Management System
CO	Carbon Monoxide
COE	United States Army Corps. of Engineers
Corps.	United States Army Corps. of Engineers
CORRACTS	RCRA Corrective Action Site
C.P.A.	Certified Public Accountant
CQD	Cascade
CSGPP	Comprehensive State Groundwater Protection Program
CSO	Combined Sewer Overflow
CSWPP	Construction Stormwater Pollution Prevention
CTA	Control Area
CTAF	Common Traffic Advisory Frequency
CTAS	Center Tracon Automation System
CVFR	Controlled Visual Flight Rules
CWA	Clean Water Act
CWF	Cold Water Fisheries
CWY	Clearway
cy	Cubic Yard
CZM	Coastal Zone Management
CZMP	Coastal Zone Management Program

- D -

DA	Decision Altitude/Decision Height <u>or</u> Descent Advisor
Db	Decibels
DbA	Decibels A Weighted
DCED	Department of Community and Economic Development
DCNR	Department of Conservation and Natural Resources
DDE	Dichlorodiphenyldichloroethylene
DDT	Dichlorodiphenyltrichloroethane
DEA	Draft Environmental Assessment
DEIS	Draft Environmental Impact Statement
DEP	Department of Environmental Protection <u>or</u> Departure
DH	Decision Height
DME	Distance Measuring Equipment
DME/P	Precision Distance Measuring Equipment
DNL	Day-Night Average Sound Level
DOCKET	Civil Enforcement Docket
DOD	Department of Defense
DOI	Department of Interior
DOS	Department of State
DOT	Department of Transportation
DVFR	Day Visual Flight Rules
DVOR	Dopper Very High Frequency Omni-Directional Range

- E -

E	Endangered
EA	Environmental Assessment <u>or</u> Erie Aviation <u>or</u> Each
EATS	Erie County Transportation Study
Ec	Escarments
ECHD	Erie County Health Department
EDDA	Environmental Due Diligence Audit
EDMS	Emissions and Dispersion Modeling System

EFAS	En Route Flight Advisory Service
EIA	Erie International Airport
EIS	Environmental Impact Statement
EJ	Environmental Justice
EJWG	Environmental Justice Work Group
EL	Elevation
EMAA	Erie Municipal Airport Authority
EMAS	Engineered Material Arresting System
EMS	Emergency and Medical Services
EMTA	Erie Metropolitan Transit Authority
ENAV	En Route Navigational Aids
EO	Executive Order
EPA	Environmental Protection Agency
EPI	Environmental Performance Index
EQAD	Environmental Quality Assurance Division
ER	Emergency Relief
ERI	Erie International Airport – Tom Ridge Field
ERNS	Emergency Response Notification System
ERT	Environmental Response Team
ESA	Environmental Site Assessment
ESECG	Emergency Services Engineering & Consulting Group
EV	Exceptional Value (<i>When used in relation to streams and/or wetlands.</i>)

- F -

F&E	Facility and Equipment
Fa	Fredon Soils
FaA	Fredon Loam, 0-3 % Slopes
FAA	Federal Aviation Administration
FAAAC	Federal Aviation Administration Aeronautical Center
FAA ADO	Federal Aviation Administration Airport District Office
FAA APO	Federal Aviation Administration Airport Planning Office

FAACIS	Federal Aviation Administration Communications Information System
FAATAF	Federal Aviation Administration Terminal Area Forecasts
FAATC	Federal Aviation Administration Technical Center
FAATSAT	Federal Aviation Administration Telecommunications Satellite
FaB	Fredon Loam, 3-8 % Slopes
FAC	Facility or Facultative
FACU	Facultative Upland
FACW	Facultative Wetland
FAF	Final Approach Fix
FAP	Final Approach Point
FAR	Federal Aviation Regulation
FBO	Fixed Base Operator
FCC	Federal Communications Commission
FD	Fire Department
FDB	Flood Detention Basin
FED	Federal
FEIS	Final Environmental Impact Statement
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FOIA	Freedom of Information Act
FONSI	Finding of No Significant Impact
FPN	Federal Project Number
FPPA	Farmland Protection Policy Act
FRB	Flood Retention Basin
FS	Feasibility Study
FSAS	Flight Service Automation System
FSDO	Flight Standards District Office
FSDPS	Flight Service Data Processing System
FSS	Flight Service Station
FSSA	Flight Service Station Automated Service
FT	Full Time

FTA Federal Transit Administration
FWS Fish and Wildlife Service

- G -

GA General Aviation
GAA General Aviation Activity
GAAA General Aviation Activity and Avionics
GADA General Aviation District Office
GAL Gallon
GIS Geographic Information System
GPS Global Positioning Satellite
GPU Ground Power Unite
GS Glide Slope
GSCA Glide Slope Critical Area

- H -

H&H Hydrology and Hydraulics
H Non-Directional Radio Homing Beacon
Ha Halsey Soils
HaA Halsey Loam, 0-3 % Slopes
HAA Hartgen Archeological Associates, Inc. or Height Above Airport
HAL Height Above Landing
HARS High Altitude Route System
HAT Height Above Touchdown or Height Above Terrain
HAZMAT Hazardous Materials
HC Hydrocarbon
HDPE High Density Polyethylene
HELI Heliport
HF High Frequency
HHS United States Department of Health and Human Services
HIRL High Intensity Runway Lighting

HMMH	Harris Miller, Miller & Hanson, Incorporated
HQ	High Quality (<i>In relation to streams and/or wetlands.</i>) or Headquarters
HSCA	Hazardous Sites Cleanup Act
HUD	Housing and Urban Development
HVAC	Heating, Ventilating, and Air Conditioning

- I -

IAP	Instrument Approach Procedures
IAPA	Instrument Approach Procedures Automation
IFR	Instrument Flight Rules
ILS	Instrument Landing System
ILS CAT	Instrument landing system category
IM	Inner Marker
INM	Integrated Noise Model
ISO	Insurance Services Office
IWI	Index of Watershed Indicators

- J -

JD	Jurisdictional Determination
JFK	John Fitzgerald Kennedy International Airport

- K -

KOZ	Keystone Opportunity Zone
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- L -

LAA	Local Airport Advisory
LAAS	Low Altitude Alert System
LaMP	Lakewide Management Plan
LC	Land Conservation
LCC	Life Cycle-Cost
LCWA	Land and Water Conservation Fund Act

LCWF	Land and Water Conservation Funding
LDA	Landing Directional Aid or Landing Distance Available
Ldn	Day Night Equivalent Sound Level
LF	Linear Feet
LGA	LaGuardia International Airport
LI	Light Industrial
LMM	Locator Middle Marker
LOC	Localizer
LOCID	Location Identifier
LOI	Letter of Intent
LOS	Level of Service
LRST	Leaking Registered Storage Tank
LRTP	Long Range Transportation Plan
LTO	Landing/Take-off Cycles

- M -

MALS	Medium Intensity Approach Lighting System
MALSF	Medium Intensity Approach Lighting System with Sequenced Flashers
MALSR	Medium Intensity Approach Lighting System with Runway Alignment Indicators
MAP	Missed Approach Point
M.B.A.	Masters of Business Administration
MCL	Middle Compass Locator
MDA	Minimum Descent Altitude
MF	Migratory Fisheries
MH	Mobile Home
MIRL	Medium Intensity Runway Lighting
MIS	Major Investment Study
MISC	Miscellaneous
MITL	Medium Intensity Taxiway Lighting
MLS	Microwave Landing System
MM	Middle Marker

MOA	Memorandum of Agreement
MOCA	Minimum Obstruction Clearance Altitude
MOU	Memorandum of Understanding
MP	Master Plan
MPO	Metropolitan Planning Organization
MPS	Millcreek Paramedic Service
M.S.	Masters of Science
MSA	Metropolitan Statistical Area <u>or</u> Minimum Standard for Accreditation
M.S.C.E.	Masters of Science in Civil Engineering
MSL	Mean Sea Level
MTA	McCormick, Taylor & Associates, Incorporated
MTOW	Maximum Takeoff Weight
MZFW	Maximum Zero Fuel Weight
MZFW-OEW	Maximum Payload

- N -

NA	Not Applicable
NAA	Non-Attainment Area
NAAQS	National Ambient Air Quality Standards
NAFTA	North American Free Trade Agreement
NAGPRA	Native American Graves Protection and Repatriation Act
NAS	National Airspace System <u>or</u> Naval Air Station
NASDC	National Aviation Safety Data
NASP	National Airspace System Plan
NAVAID	Navigation Aid
NCA	North Coast Air
NCP	Noise Compatibility Program
NDB	Non Directional Homing Beacon <u>or</u> Non Directional Radio Beacon
NE	Northeast
NEM	Noise Exposure Map
NEPA	National Environmental Policy Act

NFCD	National Flight Data Center
NFPA	National Fire Protection Association
NFRAP	No Further Remedial Action Planned
NHPA	National Historic Preservation Act
NI	No Indicator
NLR	Noise Level Reduction
NM	Nautical Mile
NO	Number
NOAA	National Oceanic and Atmospheric Association
NOC	Notice of Completion
NOTAM	Notice of Airmen
NO_x	Nitrogen Oxides
NPDES	National Pollutant Discharge Elimination System
NPIAS	National Plan of Integrated Airport Systems
NPL	National Priority List
NPS	National Park Service
NRCS	Natural Resources Conservation Service
NRPA	National Recreation and Park Association
NTP	National Transportation Policy
NTSB	National Transportation Safety Board
NW	Northwest
NWI	National Wetland Inventory
NWRO	Northwest Regional Office (<i>PADEP</i>)
NWS	National Weather Service
NY	New York

- O -

O₃	Ozone
O&D	Origin and Destination
OaA	Ottawa Fine Sandy Loam, 0-2% Slopes
OaB	Ottawa Fine Sandy Loam, 3-8% Slopes

OAG	Official Airline Guide
OBL	Obligate Wetland
ODAL	Omni-directional Approach Lighting System
OEW	Operating Empty Weight
OFA	Object Free Area
OFZ	Obstacle Free Zone
OH	Ohio
OM	Outer Marker
OPBA	Operations-Per-Based-Aircraft
OU	Operational Unit

- P -

PA	Pennsylvania
PaB	Trumbull Silt Loam, 3-8% Slopes
PADEP	Pennsylvania Department of Environmental Protection
PADER	Pennsylvania Department of Environmental Resources
PADS	PCB Activity Database System
PAH	Polycyclic Aromatic Hydrocarbons
PAMHEP	Pennsylvania Modified Habitat Evaluation Procedure
PAPI	Precision Approach Path Indicator
PAR	Precision Approach Radar
PASPGP	Pennsylvania State Programmatic General Permit
Pb	Lead
PCB	Polychlorinated Biphenyl
PCPI	Per Capita Personal Income
PCRRF	Preliminary Cultural Resource Review Form
PDOT	Pennsylvania Department of Transportation
P.E.	Professional Engineer <u>or</u> Proposed Endangered
PEM	Palustrine Emergent Wetland
PEMA	Pennsylvania Emergency Management Agency
PENNDOT	Pennsylvania Department of Transportation

<i>PFBC</i>	Pennsylvania Fish and Boat Commission
<i>PFC</i>	Passenger Facility Charge
<i>PFO</i>	Palustrine Forested Wetland
<i>PGC</i>	Pennsylvania Game Commission
<i>Ph.D.</i>	Doctoral Degree
<i>PHMC</i>	Pennsylvania Historical and Museum Commission
<i>PM</i>	Particulate Matter
<i>PNAH</i>	Polynuclear Aromatic Hydrocarbons
<i>PNDI</i>	Pennsylvania Natural Diversity Inventory
<i>POT</i>	Point of Termination
<i>POW</i>	Palustrine Open Water Wetland
<i>PR</i>	Primary Commercial Service Airport
<i>PRP</i>	Potentially Responsible Party
<i>PSS</i>	Palustrine Scrub-Shrub Wetland
<i>PT</i>	Part Time <u>or</u> Proposed Threatened
<i>PTC</i>	Pennsylvania Turnpike Commission

- Q -

<i>QA</i>	Quality Assurance
<i>QC</i>	Quality Control

- R -

<i>R/W</i>	Runway
<i>RaA</i>	River Fine Sandy Loam, 0-2% Slopes
<i>RAATS</i>	RCRA Administrative Action Tracking System
<i>RAIL</i>	Runway Alignment Indicator Lights
<i>RAP</i>	Remedial Action Plan
<i>RAPCON</i>	Radar Approach Control (<i>FAA</i>)
<i>RASP</i>	Regional Aviation System Plans
<i>RATCC</i>	Radar Air Traffic Control Center
<i>RCRA</i>	Resource Conservation and Recovery Agency

RCRIS	RCRA Information System
REIL	Runway End Identification Lights
RF	Radio Frequency
RI	Remedial Investigation
RL	General Aviation Reliever Airport
RNAV	Area Navigation
ROC	Required Obstruction Clearance
ROD	Record of Decision
ROFA	Runway Object Free Area
ROI	Region of Influence
ROW	Right-of-Way
RPZ	Runway Protection Zone
RSA	Runway Safety Area
RTP	Regional Transportation Act
RVR	Runway Visual Range
RW	Runway

- S -

SAC	Strategic Air Command
SALS	Short Approach Lighting System
SASP	State Aviation System Plans
Sc	Sloan Soils
ScA	Sloan Silty Clay Loam, 0-3 % Slopes
SCS	Soil Conservation Service
SE	Southeast
SEL	Single Event Level
SF	Square Foot
SFR	Single Family Residential
SHPO	State Historic Preservation Office
SIAP	Standard Instrument Approach Procedure
SIP	State Implementation Plan

SIR	Species Impact Review
SM	Statute Miles
SMA	Stormwater Management Area
SOx	Sulfur Oxides
SPDES	State Pollutant Discharge Elimination System
SR	State Route
SSALF	SSALS with Sequenced Flashers
SSALR	Simplified Short Approach Lighting System
SSALS	Simplified Short Approach Lighting System
SSTS	Section Seven Tracking System
STA	Station
STAR	Standard Terminal Arrival Route
STD	Standard
STIP	Statewide Transportation Improvement Program
STOL	Short Takeoff and Landing
SUV	Sport Utility Vehicle
SVFR	Special Visual Flight Rules
SW	Southwest
SWANCC	Solid Waste Agency of Northern Cook County
SWF	Solid Waste Facilities

- T -

T	Threatened
TACAN	Tactical Aircraft Control and Navigation
TAF	Terminal Area Forecasts
TAT	Technical Assistance Team
TCA	Terminal Control Area
TCE	Trichloroethylene
TCH	Threshold Crossing Height
TERPS	Terminal Instrument Approach Procedures
TH	Threshold

THPO	Tribal Historic Preservation Office
TIP	Transportation Improvement Program
TL	Taxilane
TNAV	Terminal Navigational Aids
TODA	Takeoff Distance Available
TOF	Time of Flight
TORA	Takeoff Run Available
TOS	Threshold of Significance
TOW	Takeoff Weight
TR	Technical Release
TRA-CON	Air Traffic Control
TRACON	Terminal Radar Approach Control Facility
TRI	Toxic Release Inventory
TRSA	Terminal Service Area
TSCA	Toxic Substance Control Act
TSD	Treatment, Storage, and Disposal
TSM	Transportation System Management
TSS	Threshold Siting Surface
TVOR	Terminal VHF Omni-directional Range
TW	Taxiway
TWP	Township

- U -

UHF	Ultra High Frequency
UNICOM	Universal Communicator
UPL	Obligate Upland
UPRP	Urban Park and Recreation Recovery Program
URA	Uniform Relocation Assistance and Real Property Acquisition Policies
Urban	Urban Engineers of Erie, Incorporated
U.S.	United States
USACE	United States Army Corps of Engineers

USACOE	United States Army Corps of Engineers
USBEA	United States Bureau of Economic Analysis
USBLS	United States Bureau of Labor Statistics
USBOC	United States Bureau of the Census
U.S.C.	United States Code
USCOE	United States Corps of Engineers
USDA	United States Department of Agriculture
USDOI	United States Department of the Interior
USDOT	United States Department of Transportation
USEPA	United States Environmental Protection Agency
USFWS	United State Fish and Wildlife Service
USGDA	United States Department of Agriculture
USGS	United States Geologic Survey
UST	Underground Storage Tank
USTC	Closed Underground Storage Tank List

- V -

VASI	Visual Approach Slope Indicator
VDME	VOR with Distance Measuring Equipment
VF	Voice Frequency
VFD	Volunteer Fire Department
VFR	Visual Flight Rules
VHF	Very High Frequency
VIS	Visibility
VLF	Very Low Frequency
VMC	Visual Meteorological Conditions
VNAV	Visual Navigational Aids
VOC	Volatile Organic Compound
VOR	Very High Frequency Omni-Directional Range
VTOL	Vertical Takeoff and Landing

- W -

Wa	Wallington Soils
WaA	Wallington Fine Sandy Loam, 0-2 % Slopes
WAAS	Wide Area Augmentation System
WcA	Wauson Fine Sandy Loam, 0-2% Slopes
WdA	Wayland Silt Loam, 0-3% Slopes
WHA	Wildlife Hazard Assessment
WHMP	Wildlife Hazard Management Plan
WiB	Williamson and Collamer Silt Loam, 2-8% Slopes
WPA	Western Pennsylvania
WSO	Weather Service Office
WTHR	Weather
WWF	Warm Water Fishery
WX	Weather

- X -

- Y -

YR	Year
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- Z -