



October 2019 | Draft Environmental Assessment

Florida Keys Marathon International Airport

Runway and Parallel Taxiway Separation Improvements Environmental Assessment

Prepared for:

Monroe County

Prepared by:

RICONDO

This environmental assessment becomes a Federal document when evaluated, signed, and dated by the Responsible FAA Official.

Responsible FAA Official

Date

GENERAL INFORMATION ABOUT THIS DOCUMENT

WHAT'S IN THIS DOCUMENT? This document contains a Draft Environmental Assessment (EA) for Monroe County, Florida's proposed Runway and Parallel Taxiway Separation Improvements Project at Florida Keys Marathon International Airport (MTH or the Airport). The Airport proposes to shift Runway 7-25 to the northwest 40 feet to correct the existing non-standard runway-to-taxiway separation to conform to current Federal Aviation Administration (FAA) airport design standards. This document discloses the analysis, floodplain encroachment, and findings of the potential impacts of the Proposed Action, the No Action, and other reasonable alternatives.

WHAT SHOULD YOU DO? Read this Draft EA to understand the Airport's proposed project. If you have important information you believe was not considered in this document or comments about the environmental conclusions, please send your written comments during the public review period to the Airport at the address provided below or provide your comments at the public hearing. Copies of the Draft EA are available for review at the following addresses or for download at:

Online: <http://eyw.com/page/airport-public-notice>

Print Copies:

Monroe County Public Library, 3251 Overseas Highway, Marathon, FL 33050

Florida Keys Marathon International Airport, 9400 Overseas Highway, Suite 200, Marathon, FL 33050

Federal Aviation Administration, 8427 South Park Circle, Suite 524, Orlando, FL 32819

A public workshop on the Draft EA will be held on **Wednesday, November 13, 2019, from 5:30 p.m. to 6:00 p.m. local time** followed immediately by a public hearing from **6:00 p.m. to 7:00 p.m.** at the Florida Keys Marathon International Airport Passenger Terminal, 9400 Overseas Highway, Marathon, FL 33050.

Written or electronic comments must be received by **5:00 p.m. local time, Monday, November 25, 2019,** to:

Lisa Reznar
Ricondo & Associates, Inc.
20 North Clark Street, Suite 1500
Chicago, Illinois 60602

Please allow sufficient time for mailing. Your comments must be received by the deadline, not simply postmarked by that date.

WHAT HAPPENS AFTER THIS? Under the National Environmental Policy Act, written responses to comments received during the public review period of the Draft EA and a Final EA will be prepared and submitted to the FAA for approval consideration. Following review of the Final EA, the FAA will either issue a Finding of No Significant Impact or decide to prepare a Federal Environmental Impact Statement.

PRIVACY NOTICE: Before including your address, phone number, e-mail address, or other personal identifying information in your comment, be advised that your entire comment – including your personal identifying information – may be made publicly available at any time. While you can ask us in your comment to withhold from public review your personal identifying information, we cannot guarantee that we will be able to do so.

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List of Abbreviations and Acronyms

A

AC—Advisory Circular

ACEIT—Airport Construction Emission Inventory Tool

ACM—Airport Certification Manual

ACSC— Area of Critical State Concern

ACWM—Asbestos-containing waste material

AEDT—Aviation Environmental Design Tool

AIP—Airport Improvement Program

ALP—Airport Layout Plan

AOA—Aircraft Operations Area

APE—Area of Potential Effects

ARC—Airport Reference Code

ARFF—Aircraft Rescue and Fire Fighting

B

BA—Biological Assessment

BMP—Best Management Practice BOCC—Board of County Commissioners

BSA—Biological Study Area

C

CAA—Clean Air Act

CAAA—Clean Air Act Amendments of 1990

CBP—U.S. Customs and Border Protection

CBRA—Coastal Barrier Resources Act

CBRS—Coastal Barrier Resources System

CCL—Construction Control Line

CEQ—Council on Environmental Quality

CERCLA—Comprehensive Environmental Response, Compensation, and Liability Act

CESQG—Conditionally Exempt Small Quantity Generator

CFR—Code of Federal Regulations

CH₄—Methane

CIP—Capital Improvement Program

CO—Carbon Monoxide

CO₂—Carbon Dioxide

CO₂e—Carbon Dioxide Equivalent

CRAS—Cultural Resources Assessment Survey

CWA—Clean Water Act

CZMA—Coastal Zone Management Act

CZMP—Coastal Zone Management Programs

D

dB—decibel

dba—A-weighted decibels

DBH—Diameter at Breast Height

DEO—Department of Economic Opportunity

DNL—Day-Night Average Sound Level

DOT—United States Department of Transportation

E

EA—Environmental Assessment

EDMS—Emissions and Dispersion Modeling System

EFH—Essential Fish Habitat

EPA—United States Environmental Protection Agency

EPCRA—Emergency Planning and Community Right to Know Act

ERP—Environmental Resource Permit

ESA—Endangered Species Act of 1973

EYW—Key West International Airport

F

FAA—Federal Aviation Administration

FAC—Florida Administrative Code

FBO—Fixed Base Operator

FCMP—Florida Coastal Management Program

FDACS—Florida Department of Agriculture and Consumer Services

FDEP—Florida Department of Environmental Protection

FDHR—Florida Division of Historic Resources

FDOT—Florida Department of Transportation

FEMA—Federal Emergency Management Agency

FFWCC—Florida Fish and Wildlife Conservation Commission

FHWA—Federal Highway Administration

FIRM—Flood Insurance Rate Map

FKAA—Florida Keys Aqueduct Authority

FKEC—Florida Keys Electric Cooperative

FKNMS—Florida Keys National Marine Sanctuary

FKOHT—Florida Keys Overseas Heritage Trail

FLEPPC—Florida Exotic Pest Plant Council

FLUCFCS—Florida Land Use, Cover and Forms Classification System

FNAI—Florida Natural Areas Inventory

FONSI—Finding of No Significant Impact

FPL—Florida Power & Light Company

FWS—United States Fish and Wildlife Service

G

GHG—Greenhouse gas

GIS—Geographic Information System

GMFMC--

GMFMC—Gulf of Mexico Fishery Management Council

GPS—Global Positioning System

H

HAPC—Habitat Area of Particular Concern

HMTA—Hazardous Materials Transportation Act

I

ILF—In Lieu Fee

INM—Integrated Noise Model

J

K

L

LBP—Lead-based paint

L_{eq} —Equivalent Sound Level

LOPD—Limits of Physical Disturbance

LOS—Level of service

LWCF Act—Land and Water Conservation Fund Act of 1965

M

MBTA—Migratory Bird Treaty Act

mgd—million gallons per day

MHWL—Mean High Water Line

MOS—Modification of Standards

MOVES—Motor Vehicle Emissions Simulator

MPD—Multiple Property Documents

MSL—Mean Sea Level

MSW—Municipal Solid Waste

MTCO_{2e}—Metric tons of CO₂ equivalent

MTH—Florida Keys Marathon International Airport

MTOW—Maximum takeoff weight

MWh—Megawatt-hours

N

N₂O—Nitrous oxide

NAAQS—National Ambient Air Quality Standards

NAS—Naval Air Station

NAVAIDS—Navigational aids

NEPA—National Environmental Policy Act of 1969

NHPA—National Historic Preservation Act

NL-SC—Not Listed-Species of Concern

NM—Nautical miles

NMFS—National Marine Fisheries Service

NMSA—National Marine Sanctuaries Act

NO₂—Nitrogen dioxide

[DRAFT]

NO_x—Oxides of nitrogen

NOA—Notice of Availability

NOAA—National Oceanographic and
Atmospheric AdministrationNONROAD—EPA nonroad equipment emissions
modelNPDES—National Pollutant Discharge
Elimination System

NPL—National Priorities List

NRHP—National Register of Historic Places

OO₃—Ozone

OFA—Object Free Area

OFW—Outstanding Florida Waters

OSHA—Occupational Safety and Health Act

P

PAPI—Precision Approach Path Indicator

Pb—Lead

PCI—Pavement Condition Index

PM₁₀—Particulate matterPM_{2.5}—Fine particulate matter

ppm—parts per million

Q**R**

RCNM—Roadway Construction Noise Model

RCRA—Resource Conservation and Recovery Act

REIL—Runway End Identifier Lights

RNAV—Area navigation

ROFA—Runway Object Free Area

ROFZ—Runway Obstacle Free Zone

RPZ—Runway Protection Zone

RSA—Runway Safety Area

SSAFMC—South Atlantic Fishery Management
CouncilSAPMP—Statewide Airfield Pavement
Management Program

SDWA—Safe Drinking Water Act

SF—Square feet

SFWMD—South Florida Water Management
District

SHPO—State Historic Preservation Officer

SIP—State Implementation Plan

SO₂—Sulfur dioxideSPCC Plan—Spill Prevention Control and
Countermeasures Plan

SSC—Species of Special Concern

SWPPP—Stormwater Pollution Prevention Plan

T

TAF—Terminal Area Forecast

THPO—Tribal Historic Preservation Officer

TOFA—Taxiway object free area

TSA—Taxiway safety area

U

ug/m³—micrograms per cubic meter

UMAM—Uniform Mitigation Assessment Method

U.S.—United States

USC—United States Code

USACE—United States Army Corps of Engineers

V

VOC—Volatile organic compounds

W

WOTUS—Waters of the United States

X

Y

Z

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