APPENDIX G

LARGE SCALE FLIGHT TRACK MAPS AND NOISE EXPOSURE MAPS

G.1 INTRODUCTION

Title 14 CFR part 150, Airport Noise Compatibility Planning, Amendment No. 150-4, Section A150.103(b)(1), requires "A map of the airport and its environs at an adequately detailed scale (not less than 1 inch to 2,000 feet) indicating runway length, alignments, landing thresholds, takeoff start-of-roll points, airport boundary, and flight tracks out to at least 30,000 feet from the end of each runway." Pursuant to this requirement, the following maps are provided in this appendix:

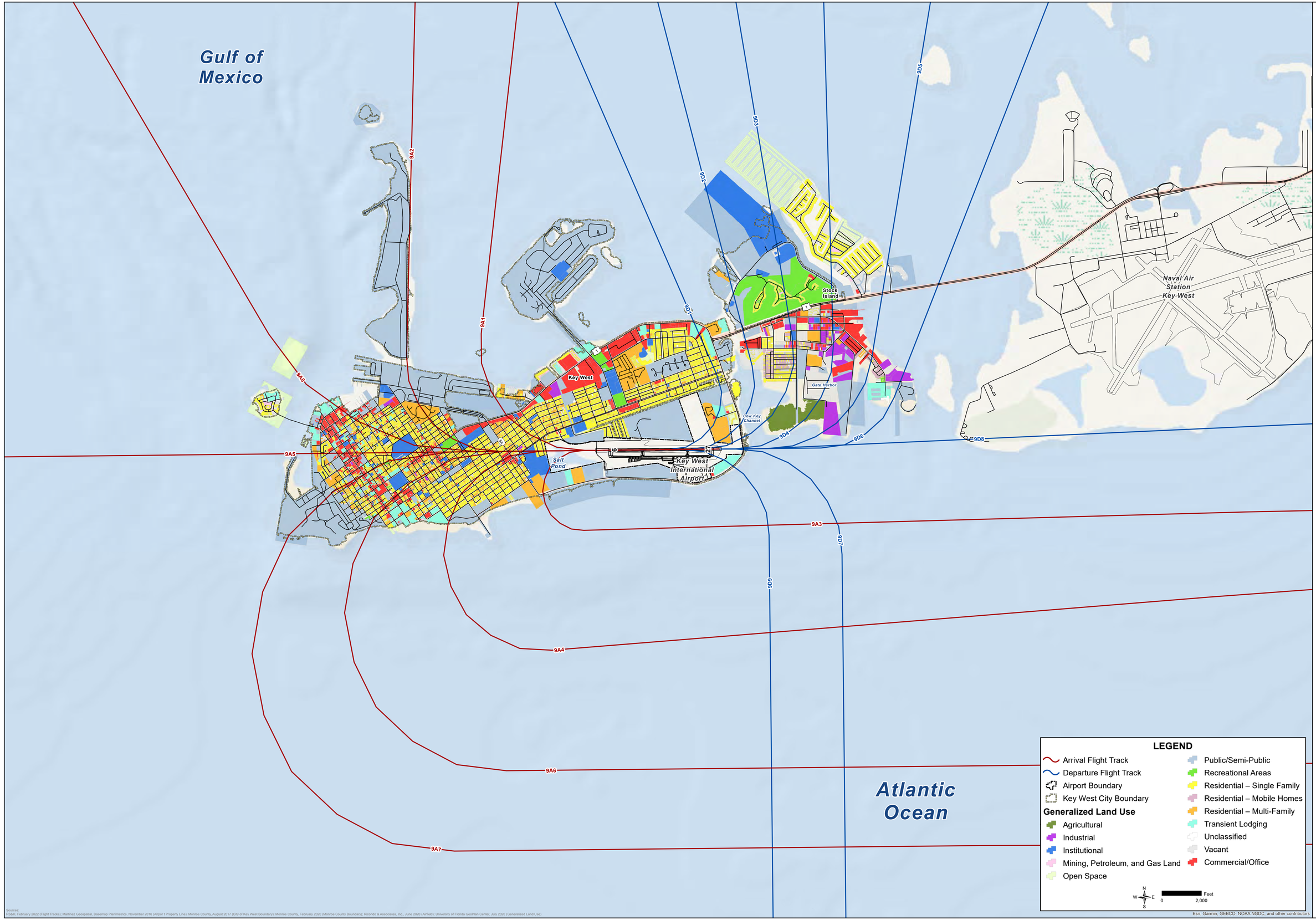
- Figure G.1 – East Flow Flight Tracks
- Figure G.2 – West Flow Flight Tracks
- Figure G.3 – 2022 Existing Condition Noise Exposure Map
- Figure G.4 – 2028 Future Condition Noise Exposure Map

G.2 REFERENCES

Airport Noise Compatibility Planning, 14 C.F.R.§150 (1984). https://www.ecfr.gov/current/title-14/chapter-I/subchapter-I/part-150

KEY WEST INTERNATIONAL AIRPORT
NEM UPDATE

East Flow Flight Tracks



Sources:
RS&H, February 2022 (Flight Tracks); Martinez Geospatial, Basemap Planimetrics, November 2016 (Airport (Property Line); Monroe County, August 2017 (City of Key West Boundary); Monroe County, February 2020 (Monroe County Boundary); Ricondo & Associates, Inc., June 2020 (Airfield); University of Florida GeoPlan Center, July 2020 (Generalized Land Use)

FIGURE G.1

KEY WEST INTERNATIONAL AIRPORT
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West Flow Flight Tracks

Gulf of Mexico

Atlantic Ocean

Key West

Stock Island

Gate Harbor

Cow Key Channel

Salt Pond

Key West International Airport

Naval Air Station Key West

27A1

27A2

27A3

27A4

27D1

27D2

27D3

27D4

27D5

LEGEND

- Arrival Flight Track
- Departure Flight Track
- Airport Boundary
- Key West City Boundary

Generalized Land Use

- Agricultural
- Industrial
- Institutional
- Mining, Petroleum, and Gas Land
- Open Space
- Public/Semi-Public
- Recreational Areas
- Residential – Single Family
- Residential – Mobile Homes
- Residential – Multi-Family
- Transient Lodging
- Unclassified
- Vacant
- Commercial/Office

N W E S

0 2,000 Feet

Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

Sources:
RS&H, February 2022 (Flight Tracks); Martinez Geospatial, Basemap Planimetrics, November 2016 (Airport Property Line); Monroe County, August 2017 (City of Key West Boundary); Monroe County, February 2020 (Monroe County Boundary); Ricondo & Associates, Inc., June 2020 (Airfield); University of Florida GeoPlan Center, July 2020 (Generalized Land Use)

FIGURE G.2

KEY WEST INTERNATIONAL AIRPORT
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2022 Existing Condition Noise Exposure Map

FIGURE G.3

LEGEND

Noise Contours
- 65 DNL
- 70 DNL
- 75 DNL

Non-Compatible Land Use
- Residential – Single Family
- Residential – Multi-Family
- Transient Lodging
- Institutional

Compatible Land Use
- Agricultural
- Industrial
- Institutional
- Mining, Petroleum, and Gas Land
- Open Space
- Public/Semi-Public
- Recreational Areas
- Residential – Single Family
- Residential – Mobile Homes
- Residential – Multi-Family
- Transient Lodging
- Unclassified
- Vacant
- Commercial/Office

Other Features
- Community Facility
- Healthcare Facility
- House of Worship
- Recreational Facility
- School/Day Care
- Florida Keys Overseas Paddling Trail (FKOPT)
- Florida Keys Overseas Heritage Trail (FKOHT)
- Airport Boundary
- City of Key West Boundary
- Monroe County Boundary

N W E S

0 450 Feet

Sources:
RS&H, April 2022 (2028 Current Future Condition Noise Contour); Deborah Murphy Lagos & Associates, LLC, June 2021 (Land Uses); Ricondo & Associates, Inc., June 2020 (Airfield); Deborah Murphy Lagos & Associates, LLC, August 2021 (Community Facilities, Heath Facilities, Places of Worship, Recreational Facilities, Schools & Day Cares); Florida Department of Environmental Protection, March 2019 (Florida Keys Overseas Heritage Trail and Paddling Trail); Martinez Geospatial, Basemap Planimetrics, November 2018 (Airport Property Lines, Monroe County, August 2012 (City of Key West Boundary); Monroe County, February 2020 (Monroe County Boundary); ESRI, November 2021 (World Imagery)

KEY WEST INTERNATIONAL AIRPORT
NEM UPDATE

2028 Future Condition Noise Exposure Map

FIGURE G.4

LEGEND

Noise Contours
- 65 DNL
- 70 DNL
- 75 DNL

Non-Compatible Land Use
- Residential – Single Family
- Residential – Multi-Family
- Transient Lodging
- Institutional

Compatible Land Use
- Agricultural
- Industrial
- Institutional
- Mining, Petroleum, and Gas Land
- Open Space
- Public/Semi-Public
- Recreational Areas
- Residential – Single Family
- Residential – Mobile Homes
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N W E S

0 450 Feet

Sources:
RS&H, April 2022 (2028 Current Future Condition Noise Contour); Deborah Murphy Lagos & Associates, LLC, June 2021 (Land Use); Ricondo & Associates, Inc. (June 2020 (Airfield)
Deborah Murphy Lagos & Associates, LLC, August 2021 (Community Facilities, Health Facilities, Places of Worship, Recreational Facilities, Schools & Day Cares)
Florida Department of Environmental Protection, March 2019 (Florida Keys Overseas Heritage Trail and Paddling Trail);
Martinez Geospatial, Basemap Planimetrics, November 2016 (Airport Property Line); Monroe County, August 2017 (City of Key West Boundary);
Monroe County, February 2020 (Monroe County Boundary); ESRI, September 2021 (World Imagery).