This Appendix contains the official Noise Exposure Maps (NEMs) developed as a part of the Naples Airport Part 150 Study. This Appendix also includes the Aviation Environmental Design Tool (AEDT) flight tracks used in modeling. The AEDT flight tracks include a central “backbone” flight track that is combined with subtracks to depict the dispersion of arrivals and departures at Naples Airport. These flight tracks are used in AEDT to generate the 2021 Existing Conditions and 2026 Future Conditions NEMs.

- Figure J-1 2021 Existing Conditions Noise Exposure Map
- Figure J-2 2026 Future Conditions Noise Exposure Map
- Figure J-3 Modeled Fixed-Wing Flight Tracks – Runway 5 and 23
- Figure J-4 Modeled Fixed-Wing Flight Tracks – Runways 14 and 32
- Figure J-5 Modeled Helicopter Flight Tracks – All Runways
The Naples Airport Authority certifies that it has afforded the best efforts to predict future airport noise exposure based on forecast operational levels, flight procedures, and fleet mix. This noise exposure is depicted on the 2021 Noise Exposure Map. The map was created using the following sources:

- Collier County Appraiser’s Office, 2020
- City of Naples Airport Authority, 2020
- Adapted by ESA, 2021

Legend:
- Roads
- Hard Surface/Outdoor Recreation
- Open Space/Public Recreation
- Residential - Single Family
- Residential - Multi Family
- Agriculture
- Commercial - Retail
- Commercial - Office
- Commercial - Industrial
- Institutional/Public
- Vacant
- Transportation/Utility
- Historical Sites
- Natural Area
- Waterbody
- River/Stream
- Collector Road
- Arterial Road
- Highway

Sponsor's Certification:

Christopher Rozansky
Executive Director
Signature Date: August 26, 2021
Figure J-4
Modeled Fixed-Wing Flight Tracks
Runways 14 and 32
Map 4 of 5
Naples Airport