DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

Noise Exposure Map Notice Louisville International Airport, Louisville, KY

AGENCY: Federal Aviation Administration, United States Department of Transportation.

ACTION: Notice.

SUMMARY: The Federal Aviation Administration (FAA) announces its determination that the Noise Exposure Maps submitted by the Louisville Regional Airport Authority for the Louisville International Airport are in compliance with applicable requirements.

DATES: The FAA’s determination on the noise exposure maps was made as of August 10, 2017.

FOR FURTHER INFORMATION CONTACT: Felicia Johnson, Federal Aviation Administration, Southern Region/Atlanta Airports District Office, 1701 Columbia Ave., Room 220, College Park, GA 30337. (404) 305-6708.

SUPPLEMENTARY INFORMATION: This notice announces that the FAA finds that the Noise Exposure Maps submitted for Louisville International Airport are in compliance with applicable requirements of 14 CFR part 150, as of August 10, 2017. Under 49 U.S.C. 47503, the Federal Aviation Administration (FAA) announces its determination that the Noise Exposure Maps submitted by the Louisville Regional Airport Authority for the Louisville International Airport are in compliance with applicable requirements.

The FAA has completed its review of the submitted Noise Exposure Maps that constitutes the “Noise Exposure Maps” as defined in 14 CFR part 150.7 includes: Figure 1. Louisville International Airport and Surrounding Communities; Figure 4. Existing Condition (2016) Noise Exposure Map; Figure 5. Forecast Condition (2021) Noise Exposure Map; Figure 6. Comparison of Existing (2016) and Forecast (2021) Noise Exposure Maps; Figure 7. South Flow Arrival and Departure Tracks; Figure 8. North Flow Arrival and Departure Tracks; Figure 9. Military Arrival and Departure Tracks; Figure 10. Flight Track Density Plot for Louisville International Airport Jet Departures; Figure 11. Flight Track Density Plot for Louisville International Airport Jet Arrivals; Table 1. 14 CFR part 150 Noise/Land Use Compatibility Guidelines; Table 2. 14 CFR part 150 Noise Exposure Map Checklist; Table 3. Runway Details; Table 4. 2016 Operations Summary; Table 5. Modeled Average Daily Aircraft Operations for 2016; Table 6. 2021 Operations Summary; Table 7. Modeled Average Daily Aircraft Operations for 2021; Table 8. Overall Runway Use Percentages for 2016; Table 9. Modeled Average Daily Runway Use for 2016; Table 10. Modeled Average Daily Civilian Turbojet Runway Use by Time of Day for 2016; Table 11. Annual Average Contraflow Percentages; Table 12. Two-Year Historical Average Daily Runway Use for Late Morning Time of Day; Table 13. Overall Runway Use Percentages for 2021; Table 14. Modeled Average Daily Runway Use for 2021; Table 15. Modeled Average Daily Civilian Turbojet Runway Use by Time of Day for 2021; Table 16. Military Fixed-Wing Aircraft Flight Tracks and Use; Table 17. Comparison of Land Area Enclosed by the 2016 and 2021 decibel (dB) Day-Night Sound Level (DNL) Contours; Table 18. Number of Historic Resources and Non-Residential Sensitive Receptors within the 2016 and 2021 DNL Contours 58; Table 19. Listing of Historic Resources and Non-Residential Sensitive Receptors within the 2016 and 2021 DNL Contours 59; Table 20. Estimated Residential Population within 20J 6 and 2021 DNL Contours. The FAA has determined that these Noise Exposure Maps and accompanying documentation are in compliance with applicable requirements. This determination is made as of August 10, 2017. FAA’s determination on the airport operator’s Noise Exposure Maps is based upon the Noise Exposure Maps submitted by the Louisville Regional Airport Authority. The documentation that constitutes the ‘‘Noise Exposure Maps’’ as defined in 14 CFR part 150.7 includes: Figure 1. Louisville International Airport and Surrounding Communities; Figure 4. Existing Condition (2016) Noise Exposure Map; Figure 5. Forecast Condition (2021) Noise Exposure Map; Figure 6. Comparison of Existing (2016) and Forecast (2021) Noise Exposure Maps; Figure 7. South Flow Arrival and Departure Tracks; Figure 8. North Flow Arrival and Departure Tracks; Figure 9. Military Arrival and Departure Tracks; Figure 10. Flight Track Density Plot for Louisville International Airport Jet Departures; Figure 11. Flight Track Density Plot for Louisville International Airport Jet Arrivals; Table 1. 14 CFR part 150 Noise/Land Use Compatibility Guidelines; Table 2. 14 CFR part 150 Noise Exposure Map Checklist; Table 3. Runway Details; Table 4. 2016 Operations Summary; Table 5. Modeled Average Daily Aircraft Operations for 2016; Table 6. 2021 Operations Summary; Table 7. Modeled Average Daily Aircraft Operations for 2021; Table 8. Overall Runway Use Percentages for 2016; Table 9. Modeled Average Daily Runway Use for 2016; Table 10. Modeled Average Daily Civilian Turbojet Runway Use by Time of Day for 2016; Table 11. Annual Average Contraflow Percentages; Table 12. Two-Year Historical Average Daily Runway Use for Late Morning Time of Day; Table 13. Overall Runway Use Percentages for 2021; Table 14. Modeled Average Daily Runway Use for 2021; Table 15. Modeled Average Daily Civilian Turbojet Runway Use by Time of Day for 2021; Table 16. Military Fixed-Wing Aircraft Flight Tracks and Use; Table 17. Comparison of Land Area Enclosed by the 2016 and 2021 decibel (dB) Day-Night Sound Level (DNL) Contours; Table 18. Number of Historic Resources and Non-Residential Sensitive Receptors within the 2016 and 2021 DNL Contours 58; Table 19. Listing of Historic Resources and Non-Residential Sensitive Receptors within the 2016 and 2021 DNL Contours 59; Table 20. Estimated Residential Population within 20J 6 and 2021 DNL Contours. The FAA has determined that these Noise Exposure Maps and accompanying documentation are in compliance with applicable requirements. This determination is made as of August 10, 2017.

Any questions or requests for such an appointment may be directed to the individual named under the FOR FURTHER INFORMATION CONTACT heading of this notice.

Issued at Memphis Airports District Office on November 9, 2017. Tommy L. Dupree, Acting Manager.

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