

"4" June 2026

No. 01-21/5941

JSC "Uzbekistan Airports"

CONCLUSION

on the establishment of the sanitary protection zone of the International Airport «Tashkent New Gateway Hub»

This conclusion has been prepared in accordance with the requirements of the sanitary legislation of the Republic of Uzbekistan, including Sanitary Rules and Norms (SanPiN) No. 0339-16, as well as taking into account the applicable environmental, urban-planning, and sanitary-epidemiological requirements.

The construction of the International Airport «Tashkent New Gateway Hub» is being carried out pursuant to Resolution of the President of the Republic of Uzbekistan No. PP–353 of 25 November 2025 «On measures for the implementation of the project for the construction of the international airport of New Tashkent», which provides for the creation of a modern aviation hub, the development of transport and logistics infrastructure, and the assurance of sustainable socio-economic development of the adjacent territories.

In the course of preparing the ESIA (Environmental and Social Impact Assessment) documentation for the International Airport «Tashkent New Gateway Hub» project, predictive modeling of the noise impact on the adjacent territories was performed for the design operating scenarios of the proposed airport.

The calculations were performed using internationally recognized methodologies and specialized software packages for aircraft-noise modeling, taking into account the projected flight intensity, aircraft characteristics, airport operating modes, and the siting conditions of the facility.

The assessment was carried out for prospective airport operating scenarios using a conservative approach to noise-impact modeling.

Based on the results of the assessment, it has been established that, at certain receptors located beyond the airport territory, a noise impact is projected that exceeds the recommended values for residential development, predominantly during the nighttime period.

In determining the boundaries of the sanitary protection zone, the following were taken into account:

- the results of the predictive noise-impact modeling;
- the need to ensure the sanitary-epidemiological welfare of the population;
- international approaches to aircraft-noise management;
- application of the impact-minimization principle;
- the need to implement technical, organizational, and operational measures to reduce the noise impact.

It has been established that the noise-impact range of 60–65 dB falls within the controlled-impact zone, in which the residence of the population is permitted provided that measures are applied to reduce the noise impact, to regulate land-use conditions, and to ensure additional sanitary protection of the population.

On the basis of the materials reviewed, the results of the calculations, and the documentation submitted, the following conclusion has been adopted:

1. To establish the sanitary protection zone of the International Airport «Tashkent New Gateway Hub» along the outer contour of the 60 dB noise impact (LA_{eq}/L_{den}), as determined by the results of the predictive modeling.
2. Within the territory of the noise impact, the following regulatory conditions shall be provided for:
 - **up to 60 dB** — a potentially permissible impact zone, requiring targeted monitoring and the possibility of applying additional noise-impact reduction measures;
 - **60–65 dB** — a controlled-impact zone, requiring the implementation of noise-impact reduction measures;
 - **above 65 dB** — an elevated-impact zone, in respect of which additional sanitary, urban-planning, and organizational measures and restrictions may be applied in accordance with the legislation of the Republic of Uzbekistan.
3. In order to reduce the noise impact within the framework of the project implementation, the following measures are envisaged:
 - development and implementation of a program of stationary monitoring of the noise impact in populated areas where the expected noise level will be within the range of 60–65 dB;
 - implementation of technological measures to reduce aircraft noise;
 - conducting targeted monitoring of the noise level at locations where the noise level is in the range from 55 to 60 dB;
 - application of operational procedures aimed at reducing the noise impact;
 - consideration of measures for additional sound insulation of sensitive facilities in accordance with paragraph 2 of this conclusion;
 - engagement with the authorized state bodies on matters of compliance with the sanitary protection zone regime.
4. As the design and operational parameters of the airport are refined, the updating of the noise-impact calculations and the refinement of the boundaries of the sanitary protection zone are permitted in accordance with the procedure established by law.

The establishment of the sanitary protection zone along the 60 dB contour ensures the necessary level of sanitary protection of the population, taking into account the projected noise impact, the envisaged measures for its reduction, and the current approaches to aircraft-noise regulation.

Provided that the envisaged measures are implemented, the proposed International Airport «Tashkent New Gateway Hub» complies with the requirements of the sanitary legislation of the Republic of Uzbekistan with respect to noise-impact management.

Chairman

B. Yusupaliev

Prepared by: J. Tuychiev, 78/888-01-01 (023)

Confirmed by an electronic digital signature (ERI) via the IJRO.GOV.UZ system. Document code: YL13911345