

MOTION

Los Angeles World Airports (LAWA) is undergoing two major modernization programs, the Landside Access Modernization Project (LAMP) and the Airfield and Terminal Modernization Project (ATMP), which together will create thousands of good-paying jobs, reduce traffic in local neighborhoods, and dramatically improve the passenger experience at LAX. LAMP aims to modernize the transportation infrastructure in and around LAX and seamlessly connect our city's growing public transportation network to newly renovated terminals, including a central elevated tram that connects to new transportation and rental car facilities. The ATMP will replace outdated remote gates with new terminal facilities, modernize the north runway and make it safer without expanding it, and prepare our airport for the 2028 Olympics. However, as LAX modernizes, we must remain focused on maintaining a safe and healthy working environment for the thousands of workers that keep the airport running every day.

We know that major transportation and freight facilities can pose health risks to local residents, workers, and their families. At the Port of Los Angeles, one of the busiest ports in the world, we have seen the effects of significant air pollution from large freighters, trains, and trucks that move millions of pounds of goods into and out of our region every day. Airport workers and neighbors are similarly concerned for communities that experience the effects of airport operations, particularly those living underneath major arrival and departure flight paths at LAX. With zero emissions passenger and freight aircraft years, possibly decades away from large-scale adoption and use, health impacts for communities in close proximity to major airports will continue to be felt. This may include increased risk for respiratory and cardiovascular disease, diabetes, and neurologically related conditions.

Studying these impacts to local residents and airport workers, so that we can address them, is critical if we hope to live in a city and region that fully assesses the inequities and injustice of our past in order to build a more just future for everyone. However, federal laws and regulations severely limit LAWA's ability to fund such a study. It is therefore necessary for the City to step up with its own funding, to ensure that the work of environmental justice and building a greener Los Angeles continues at LAX.

The City of Los Angeles should commission an independent study that examines:

1. Long-term health impacts of aviation-related ultrafine particle (UFP) exposure on communities near LAX, including:
 - Comprehensive epidemiological analysis to understand the distribution of UFP exposure and related health impacts including COPD, cardiovascular diseases, diabetes & pre-diabetes, childhood neurodevelopmental disorders, adult neurological effects
 - This study should include communities up to 16km downwind of LAX
2. Occupational exposure to airport-related emissions for LAX workers, including:
 - Both jet-engine emissions and emissions from on-road vehicles and ground support equipment that are attributable to airport activity
 - An independent health survey of workers including monitored exposure for employees over the course of a workday
 - This should include differentiating by job categories: workers who are primarily on the ramp, workers whose primary duties are within the terminals, workers who do work both indoors and outdoors within the Central Terminal Area, etc.
 - Readings of UFPs, NOX, CO2
3. To be conducted by independent experts with regional health centers like USC or UCLA.

I THEREFORE MOVE that the City Council direct the Chief Administrative Officer (CAO) and Chief Legislative Analyst (CLA) to report back identifying \$3 million in funding for a pair of independent studies to better understand the impact of airport operations on nearby communities and workers.

I FURTHER MOVE that the CAO and CLA identify independent experts on this topic from academia, as well as relevant stakeholders who should be involved in such a study.

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