

RALEIGH-DURHAM INTERNATIONAL AIRPORT ENVIRONMENTAL ASSESSMENT PROPOSED RUNWAY 5L/23R REPLACEMENT PROJECT

February 28, 2023

MEETING PURPOSE

The purpose of the Public Workshop is to disclose the findings of the Draft Environmental Assessment (EA). The purpose of the Public Hearing is to provide the public an opportunity to verbally comment on the Draft EA.

ENVIRONMENTAL ASSESSMENT PROCESS

The National Environmental Policy Act (NEPA) requires federal agencies to assess environmental effects of their proposed actions prior to making decisions. It also requires public disclosure. An EA is a concise document used to describe a project's potential environmental impacts. The Federal Aviation Administration (FAA) EA is the lead federal agency and therefore is responsible for the EA.



ENVIRONMENTAL RESOURCES ASSESSED

- Air Quality
- Biological Resources (Fish, Wildlife, and Plants)
- Climate
- Coastal Resources
- Department of Transportation Act, Section 4(f)
- Farmlands
- Hazardous Materials, Solid Waste, and Pollution Prevention
- Historical, Architectural, Archeological, and Cultural Resources
- Land Use
- Natural Resources and Energy Supply
- Noise and Noise-Compatible Land Use
- Socioeconomics, Environmental Justice, and Children's Environmental Health and Safety Risks
- Visual Effects (including light emissions)
- Water Resources (including wetlands, floodplains, surface waters, groundwater, and wild and scenic rivers)

PROJECT PURPOSE AND NEED

This project is needed to address a rapidly deteriorating, Runway 5L/23R. The Proposed Action will provide a structurally sound primary runway at RDU that maintains its current runway capabilities.

PROJECT ELEMENTS

- Relocate Runway 5L/23R
- Convert Existing Runway to taxiway
- Relocate FAA Navigational Aids
- Relocate Lumley Road and Airport Perimeter Road
- Place fill material from borrow sites on Airport property
- Construction of safety areas associated with runway and taxiway development
- Relocate and/or install lighting systems associated with runway and taxiway development
- Construction of associated and connecting taxiways to the relocated Runway 5L/23R
- Construction of associated drainage improvements to provide for the additional impervious pavement areas
- Conversion of the existing Runway 5L/23R to a full-length parallel and connecting taxiway
- Relocate a portion of Lumley Road
- Construction of a new airport perimeter road around the relocated Runway 5L/23R
- Relocate FAA navigational aids
- Tree/vegetation/obstacle removal

Comments may be submitted using one of the following methods:

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