
DRAFT

Environmental Assessment Runway 5L/23R Replacement Project

Raleigh-Durham International Airport
Wake and Durham Counties, North Carolina

RALEIGH-DURHAM AIRPORT AUTHORITY

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

As lead Federal Agency pursuant to the National Environmental Policy Act of 1969

U.S. ARMY CORPS OF ENGINEERS

As a Cooperating Agency pursuant to 40 CFR §1501.8

The Federal Aviation Administration (FAA) intends to issue a single document that consists of the Final Environmental Assessment (EA) and Record of Decision (ROD) pursuant to 49 U.S.C. 304a(b) and 23 U.S.C. 139(n)(2) unless the FAA determines that statutory criteria or practicability considerations preclude issuance of such a combined document. The U.S. Army Corps of Engineers (USACE) intends to issue their own ROD based on the Final EA.

January 25, 2023

This environmental assessment becomes a federal document when evaluated, signed, and dated by the Responsible FAA Official.

Responsible FAA Official

Date

GENERAL INFORMATION ABOUT THIS DOCUMENT

This document is a Draft Environmental Assessment (EA) for the Proposed Runway 5L/23R Replacement Project (Proposed Action) at the Raleigh-Durham International Airport (RDU). The Proposed Action includes relocating Runway 5L/23R approximately 537 feet northwest of existing Runway 5L/23R and, after construction is complete, converting the existing Runway 5L/23R to a taxiway. The project also includes use of fill material from Airport borrow sites, use of water from Brier Creek Reservoir, construction of drainage improvements, relocation of a portion of Lumley Road, utility relocations, demolition of four buildings, relocation of aircraft navigational aids, acquisition of property, and removal and/or mitigation of obstacles in accordance with Federal Aviation Administration (FAA) safety standards. The Raleigh-Durham Airport Authority (Airport Authority), in cooperation with the FAA and the U.S. Army Corps of Engineers (USACE), prepared this EA document to disclose the analysis and findings of the potential environmental impacts of the Proposed Action and the No Action Alternative. The Draft EA is available for review online at the following website:

<https://www.airportprojects.net/rdu-ea/reports-documents>

In addition, a paper copy of the Draft EA is available for public review at each of the following locations during normal business hours.

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| • RDU Center | 1000 Trade Drive, Raleigh, NC 27623 |
| • Leesville Community Library | 5105 Country Trail, Raleigh, NC 27613 |
| • Duraleigh Road Community Library | 5800 Duraleigh Rd, Raleigh, NC 27612 |
| • Morrisville Community Library | 310 Town Hall Dr, Morrisville, NC 27560 |
| • West Regional Library | 4000 Louis Stephens Dr, Cary, NC 27519 |
| • Durham County- South Regional Library | 4505 S Alston Ave, Durham, NC 27713 |

If you have important information that has not been considered in this document or comments on the Draft EA, please send your written/email comments to the following:

Chris Babb Landrum & Brown

RE: RDU EA

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Cincinnati, OH 45242

Or Email: RDUEA@landrumbrown.com

Comments are due no later than 5:00 p.m. Eastern on Monday, March 13, 2023. If submitting via the U.S. Postal Service, your comment must be postmarked by that date. Before including your name, address and telephone number, email or other personal identifying information in your comment, be advised that your entire comment – including your personal identifying information – may be made publicly available at any time. While you can ask us in your comment to withhold from public review your personal identifying information, we cannot guarantee that we will be able to do so. Comments received after March 13, 2023 would be considered exhausted and not considered in the Final EA.