



NCTCOG PRESENTATION

NORTH TEXAS ADVANCED AIR MOBILITY READINESS CFP

NICOLE JOHNSON | JULY PUBLIC MEETING | 07.13.2026

A NEW ERA OF AVIATION

Advanced Air Mobility (AAM)

- Quieter than traditional aircraft
- Designed for short regional trips
- Use cases can include passenger service, cargo, and public safety

Electric Vertical Takeoff and Landing (eVTOL) Aircraft

- Takes off and lands like a helicopter
- Flies like an airplane
- Powered by electricity
- Produces fewer emissions
- May operate from existing airports/heliports

ELECTRIC VERTICAL TAKEOFF AND LANDING (eVTOL) AIRCRAFT



 **ARCHER**

Midnight

100mi range
150 mph cruising speed
4 passengers + 1 crew



 **Joby**

S4

150mi range
200 mph cruising speed
4 passengers + 1 crew



 **BETA**

ALIA A250

215mi range
176 mph cruising speed
5 passengers + 1 crew
OR
200 cubic feet of cargo + 2 crew

ESTABLISHED INVESTMENT IN NTX

TXDOT Project Nexus

- Supported through the FAA's eVTOL Integration Pilot Program (eIPP), TxDOT Aviation has created a statewide initiative to advance Texas' readiness for Advanced Air Mobility
- NCTCOG is partnered with TxDOT and has positioned North Texas airports for participation
- Regional airports are key to infrastructure planning, charging readiness, and future eVTOL operations

Center for Advanced Aviation Technologies (CAAT)

- Led and hosted by the Autonomy Research Institute (ARI) of TAMU-Corpus Christi at the Fort Worth Campus
- A group of organizations from industry, academia, and government that focus on advancing AAM through planning, infrastructure, operations, and workforce development
- North Texas airports are pivotal to CAAT because they serve as core nodes for future AAM activity



FUNDING & ELIGIBILITY

\$1,000,000 | \$200,000 per applicant | No match

Eligibility	Description
Charging Systems for eVTOL Aircraft	Compatible charging infrastructure for Advanced Air Mobility (AAM).
Public Use Airport	Be a public-use airport located within the 12-county NCTCOG region (Entities located in Collin, Dallas, Denton, Ellis, Hood, Hunt, Johnson, Kaufman, Parker, Rockwall, Tarrant, and Wise counties)
Airport Operator	If an airport operator, be sponsored by a public partner agency (i.e. city, county, state, etc.)
Airport Plans	Demonstrate project need consistent with the Airport Master Plan and/or Airport Layout Plan
Regional Benefit	Projects should align with NCTCOG regional transportation plans, innovation priorities, and demonstrate measurable readiness.

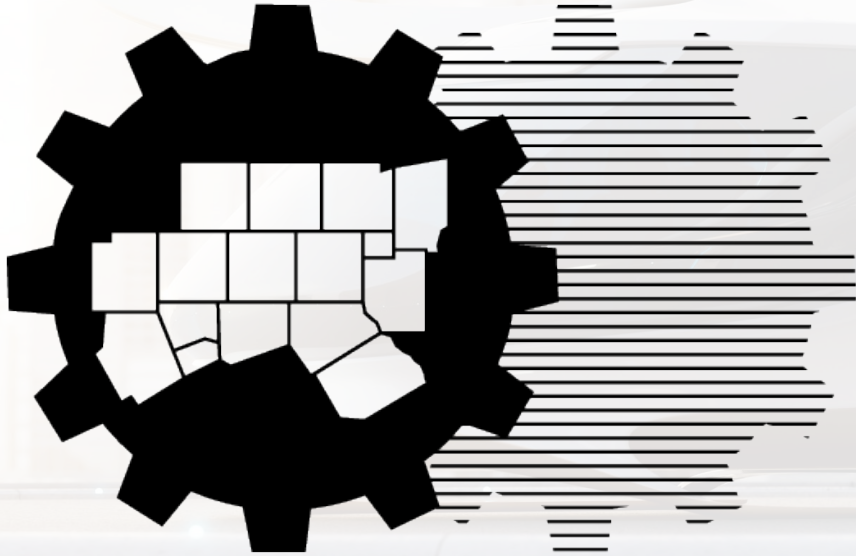


SCHEDULE

Date	Action
April 24, 2026	STTC Action
June 11, 2026	RTC Action
May 26, 2026	Open Call for Ideas (45 Days)
July 13, 2026	Public Meeting
August 7, 2026	Close Call for Ideas
August 13, 2026	STTC Action – Recommended Ideas
September 10, 2026	RTC Action – Final Ideas
September 24, 2026	Executive Board
Fall 2026	Execute Interlocal Agreements and Begin Projects



CONTACT US



Nicole Johnson

Transportation Planner III

North Central Texas Council of Governments

O: (817) 704-5690

njohnson@nctcog.org

Ernest Huffman

Aviation Planning and Education Program Manager

North Central Texas Council of Governments

O: (817) 704-5612

ehuffman@nctcog.org