

**Opportunity Title:** Development of Test Bed for Open Rotor Evaluation **Opportunity Reference Code:** 0034-NPP-NOV23-GRC-AeroEng

**Organization** National Aeronautics and Space Administration (NASA)

Reference Code 0034-NPP-NOV23-GRC-AeroEng

How to Apply All applications must be submitted in Zintellect

Application Deadline 11/1/2023 6:00:59 PM Eastern Time Zone

## **Description Description:**

NASA's goals are to investigate more efficient, cleaner, and quieter commercial aircraft propulsion concepts. These concepts need to be evaluating quicky and accurately. NASA requires a low-cost flexible test bed to conduct these evaluations and whishes to modify an existing ducted fan test bed to operate in an un-ducted version. (The Advanced Noise Control Fan, which is owned by NASA, and operated by the University of Notre Dame Turbomachinery Lab). Familiarity with and prediction tools for aerodynamic, aeromechanic, and aeroacoustics design considerations is required. This post-doc position will support the design and implementation of the conversion of the ANCF to un-ducted operation.

Field of Science: Aeronautics, Aeronautical or Other Engineering

## Advisors:

Daniel Sutliff Daniel.L.Sutliff@nasa.gov (216) 433-6290

Eligibility• Citizenship: U.S. Citizen OnlyRequirements• Degree: Doctoral Degree.

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