**GRANT PROPOSAL NARRATIVE**

**CENTER OF EXCELLENCE FOR ALTERNATIVE JET FUELS AND ENVIRONMENT (ASCENT)**

1. Project Number & Title

ASCENT Project XX - [Type Title Here]

[Replace XX with the project number that comes from the FAA Project Manager - Note that a “NEW” project needs a NEW title. Continuing projects should use the name from the project that is being continued

NOTE: all text between the square brackets is meant only to provide instructions and has to be either replaced or deleted as each document section is assembled. Text not within brackets should be preserved]

Project Team

[Type name and role of the university team members; a list of the roles are identified in Appendix A]

Cost Share Partner

[Type cost share partner name, point of contact, and explain how the cost share partner will support this project]

Brief project description

[Provide a brief description of the project in 150 words or less that provides the objectives/goals for the work. This should be written such that it is understandable by a layperson.]

Expected Benefits

[In 100 words or less provide a description of the benefits that will be delivered if the project is funded. This should be written such that it is understandable by a layperson.]

Project Impact Statement

[In 100 words or less provide a description of what the consequences are if the project is not funded – i.e. “If funding is not provided and further research is not performed.” This should be written such that it is understandable by a layperson.]

If funding is not provided and further research is not performed….

Background and Previous Accomplishments

[This section should summarize the research into key objectives that will be further detailed in item 8. If this is a new project, then this section should provide a brief, general description of the current state of the art (including relevant literature). If this is a continuation of an existing project, then this section should state what has already been accomplished by this project and how the continuing research will build upon the existing project. Note that the detailed discussion on what will be done with these funds during this period of performance will be covered in the next section on Statement of Work. This can be written for a technical expert.]

Statement of Work

[This section contains the statement of work that describes the research that will be done to reach the objective(s) from item 7. This should include details on proposed activities and approach/rationale being used. The information should be presented in a clear and logical fashion using known scientific principles. This can be written for a technical expert.]

Schedule & Milestones

# Period of Performance

Start Date: [Enter Date]

End Date: [Enter Date]

# Milestones

List of the anticipated major milestones and planned due dates.

[Please list expected major milestones that are anticipated. The milestones must be Specific, Measurable, Achievable, Realistic, and Timely (SMART) and technical in nature. Please use the following table to list the technical milestones and planned due dates. Researchers can also provide Gantt chart or other similar table in its place]

|  |  |
| --- | --- |
| **Milestone** | **Planned Due Date** |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

# Research Reviews

The COE administration will host a semiannual review of the research completed and in progress. The Principal Investigator(s) of this research project must ensure that their project results are included within a stand-alone or group briefing or poster and participate in the semiannual research reviews. The semiannual review will include on-site meetings and briefings conducted by appropriate technical and administrative support personnel.

# Annual Reports

The Principal Investigator will prepare and deliver an annual report to the ASCENT COE Program Manager using the provided template. The Principal Investigator of this research project will also support the COE administration in providing data and information to be included in the annual reports for the FAA Centers of Excellence Program Director.

Previous Project Publications

[All previous publications from this project must be listed below. Please ensure the National Transportation Library includes all of these or has links to their location. Please do not list publications that were not funded by this Project. This information will be used to ensure that you are meeting the requirements of the Data Management Plan.]

Additional Information

[Provide additional information as appropriate, (e.g. references) or remove the section title if none are present]

--- Remove this appendix before submitting the document ---

APPENDIX A. INVESTIGATION TEAM ROLES

Team member roles include:

* Project Director(s)/Principal Investigator (PD/PI)
* Co- Project Director(s)/Co-Principal Investigator (Co PD/PI)
* Co-Investigator
* Faculty
* Community College Faculty
* Technical School Faculty
* K-12 Teacher
* Postdoctoral
* Other Professional
* Staff Scientist
* Statistician
* Graduate Student
* Non-Student Research Assistance
* Undergraduate Student
* Technical School Student
* High School Student
* Consultant
* Research Experience for Undergraduates (REU)
* Participant
* Other