



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2020-2021

LFIR # 2035

1. **Project Title**
2. **Senate Sponsor**
3. **Date of Request**

4. **Project/Program Description**

The state of Florida needs a cybersecurity and analytics research and training center focused on aviation and aerospace (aero) systems to help creating new jobs and workforce development. The proposed center will be hosting experts from Embry-Riddle Aeronautical University (ERAU) and The University of Florida (UF). ERAU and UF will through creation of the Center of Aerospace Resilience (CAR) to address the challenges in the aero domain and providing training for workforce development. UF is a world-class institution and has a strong presence in cybersecurity research as well as data analytics. ERAU's core competency in aero systems in general and cybersecurity challenges in these systems in particular, complemented by the traditional cybersecurity expertise of UF, produces a strong and competitive set of capabilities to address cybersecurity challenges confronting aero systems.

5. **State Agency to receive requested funds**
- State Agency contacted? Yes No

6. **Amount of the Nonrecurring Request for Fiscal Year 2020-2021**

Type of Funding	Amount
Operations	<input style="width: 100px;" type="text" value="2,000,000"/>
Fixed Capital Outlay	<input style="width: 100px;" type="text" value="000"/>
Total State Funds Requested	2,000,000

7. **Total Project Cost for Fiscal Year 2020-2021 (including matching funds available for this project)**

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	<input style="width: 100px;" type="text" value="2000000"/>	<input style="width: 50px;" type="text" value="100.0"/> %
Matching Funds		
Federal	<input style="width: 50px;" type="text" value="00"/>	<input style="width: 50px;" type="text" value="0"/> %
State (excluding the amount of this request)	<input style="width: 50px;" type="text" value="00"/>	<input style="width: 50px;" type="text" value="0"/> %
Local	<input style="width: 50px;" type="text" value="00"/>	<input style="width: 50px;" type="text" value="0"/> %
Other	<input style="width: 50px;" type="text" value="00"/>	<input style="width: 50px;" type="text" value="0"/> %
Total Project Costs for Fiscal Year 2020-2021	2,000,000	100 %

8. **Has this project previously received state funding?** Yes No

If yes, provide the most recent instance:

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	Nonrecurring		
<input style="width: 90px;" type="text"/>	<input style="width: 90px;" type="text"/>	<input style="width: 90px;" type="text"/>	<input style="width: 90px;" type="text"/>	<input style="width: 90px;" type="text"/>

9. **Is future-year funding likely to be requested?** Yes No

If yes, indicate nonrecurring amount per year.



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10. Details on how the requested state funds will be expended

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits		<input type="text"/>
Other Salary and Benefits		<input type="text"/>
Expense/Equipment/Travel/Supplies/Other		<input type="text"/>
Consultants/Contracted Services/Study		<input type="text"/>
Operational Costs: Other		
Salary and Benefits		<input type="text"/>
Expense/Equipment/Travel/Supplies/Other	Test equipment, avionics components, computers, projectors, and potentially flight simulator (Note: University of Florida will receive \$1M as a founding member of CAR to conduct research and educational and training activities that support CAR's mission and for maintaining Florida's leadership role in aerospace resiliency.)	2,000,000
Consultants/Contracted Services/Study		<input type="text"/>
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering		<input type="text"/>
Total State Funds Requested (must equal total from question #6)		2,000,000



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11. Program Performance

a. What specific purpose or goal will be achieved by the funds requested?

An estimated 1,500 students will be directly involved in educational and research projects conducted in the proposed facility, resulting in the creation of a pipeline of highly-skilled graduates who will be practically equipped to fill new jobs created through the continuing growth in the Florida aero industry. CAR will also be used for workforce development and to train professionals, such as Aircraft Mechanics and FAA employees, through various scenarios that can be implemented on site. CAR will contribute to meeting the need for filling over 2000 Aero jobs that are currently open in Florida.

b. What activities and services will be provided to meet the intended purpose of these funds?

The proposed CAR will offer critical research opportunities and capacities for confronting the cyber threats facing Florida's and the nation's aero systems and supporting infrastructures while offering solutions to challenges in this domain through data analytics. The CAR will benefit aviation and aerospace companies that are already located in Florida through the expertise and solutions it offers. At the same time, the technologies and intellectual property developed by CAR researchers will attract additional aviation and aerospace-related businesses to the area. Technologies developed at the CAR can be licensed to partner companies located in Florida, potentially in MicaPlex, for commercialization. Through these contributions, the CAR will ignite a series of high-paying and highly-skilled employment opportunities in Florida.

c. What direct services will be provided to citizens by the appropriation project?

Workforce development and creation of high paying employment opportunities.

d. Who is the target population served by this project? How many individuals are expected to be served?

Florida aero companies and highly skilled employees. 1500+ individuals will be served.

e. What is the expected benefit or outcome of this project? What is the methodology by which this outcome will be measured?

Workforce development; metric: number of students that use the center for education and employment opportunists.
Creation of high paying jobs; metric: number of employees hired as a result of this investment
Supplying quality graduates to aero companies in Florida; metric: number of students who will fill the aero jobs that exist in Florida
Creating solutions for challenges in aero; metric: number of grants and projects the center receives.

f. What are the suggested penalties that the contracting agency may consider in addition to its standard penalties for failing to meet deliverables or performance measures provided for in the contract?

None.



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12. **The owners of the facility to receive, directly or indirectly, any fixed capital outlay funding. Include the relationship between the owners of the facility and the entity.**

N/A

13. **Requestor Contact Information**

- a. First Name Last Name
- b. Organization
- c. E-mail Address
- d. Phone Number Ext.

14. **Recipient Contact Information**

- a. Organization
- b. Municipality and County
- c. Organization Type
- For-profit Entity
 - Non-Profit 501(c) (3)
 - Non-Profit 501(c) (4)
 - Local Entity
 - University or College
 - Other (please specify)
- d. First Name Last Name
- e. E-mail Address
- f. Phone Number

15. **Lobbyist Contact Information**

- a. Name
- b. Firm Name
- c. E-mail Address
- d. Phone Number Ext.