



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2024-2025

LFIR # 1225

1. Project Title

2. Senate Sponsor

3. Date of Request

4. Project/Program Description

Flight Adventure Deck, a STEM to STAY Education and Scholarship program Flight Adventure Deck is a STEM program that uses a hands-on learning environment in combination with an immersive simulation environment to inspire children to be interested in science, technology, engineering, and math (STEM) and to pursue STEM careers in the future. This program will also be expanded to serve the public in a digital learning environment with a virtual experience option. Finally, this program will motivate students to stay in STEM careers, providing support beyond the program by partnering with centers for higher education.

5. State Agency to receive requested funds

State Agency contacted?

6. Amount of the Nonrecurring Request for Fiscal Year 2024-2025

Type of Funding	Amount
Operations	0
Fixed Capital Outlay	1,190,000
Total State Funds Requested	1,190,000

7. Total Project Cost for Fiscal Year 2024-2025 (including matching funds available for this project)

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	1,190,000	100%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	0	0%
Other	0	0%
Total Project Costs for Fiscal Year 2024-2025	1,190,000	100%

8. Has this project previously received state funding?

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	Nonrecurring		
2023-24	0	485,000	100	No

9. Is future funding likely to be requested?

a. If yes, indicate nonrecurring amount per year.

b. Describe the source of funding that can be used in lieu of state funding.

10. Has the entity requesting this project received any federal assistance related to the COVID-19 pandemic?



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If yes, indicate the amount of funds received and what the funds were used for.

Complete questions 11 and 12 for Fixed Capital Outlay Projects

11. Status of Construction

a. What is the current phase of the project?

- Planning
 Design
 Construction
 N/A

b. Is the project "shovel ready" (i.e permitted)?

No

c. What is the estimated start date of construction?

04/30/2024

d. What is the estimated completion date of construction?

10/30/2025

12. List 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.

The US Navy owns the National Naval Aviation Museum and would receive funds indirectly (utilities).

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

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits		0
Other Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other		0
Consultants/Contracted Services/Study		0
Operational Costs: Other		
Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other		0
Consultants/Contracted Services/Study		0
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering	Renovation and redesign of Flight Adventure Deck exhibit originally constructed in 1996.	1,190,000
Total State Funds Requested (must equal total from question #6)		1,190,000

14. Program Performance

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

The goal for this funding is to restore and renovate the Flight Adventure Deck (FAD) program and exhibit at the National Naval Aviation Museum in order to inspire students in Escambia and Santa Rosa County school districts, home school communities, private school communities, and statewide to pursue science, technology, engineering, and mathematics careers. The program will utilize both hands-on, in-person learning environments and digital learning environments to achieve this goal.

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



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These resources will fund the Flight Adventure Deck (FAD) program's redesign and renovation. This funding will allow Flight Adventure Deck to provide hands-on learning experiences in an informal environment. Specially trained teachers will provide STEM content in a tangible way to educate, inspire, and motivate students to pursue careers in these areas. Funding will also provide an immersive simulation environment where students can learn about the physics of flight while flying F-35 flight simulators. Resources will also fund equipment and space that will allow the Flight Adventure Deck program to serve students virtually.

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

Flight Adventure Deck is a free outreach to the Escambia and Santa Rosa school districts and homeschool population. This program allows students to be immersed in a simulation environment to learn about the physics of flight from officers in one of our military branches. These skills are reinforced by classroom professionals in a hands-on learning environment. This program confronts students ages 9 to 15 with the importance of science, technology, engineering, and math (STEM) and its influence on the innovation of flight. Students will be motivated to study and pursue STEM careers due to the education provided in this environment. Students outside the local area will be provided the same inspiration and motivation in a digital environment with the same quality instruction given in person. Local school district teachers will also be provided professional development opportunities related to STEM in the learning spaces.

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

The target population for the hands-on project includes adolescents ages 9 - 15 in Escambia and Santa Rosa Counties. We will expand the program to serve the local/regional homeschool and private school population. The virtual project would expand the program to adolescents statewide. The program will also serve as a professional development center for teachers. This program will be ongoing and is expected to serve over 7000 students per year for the next 10 years.

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

Research suggests that adolescents who are exposed to hands-on opportunities in an informal setting tend to be more interested and motivated to learn STEM and pursue STEM careers. We will measure outcomes for this program in a few ways. We will measure participant (ages 9 to 15) attitudes about science, technology, engineering, and math before and after their Flight Adventure Deck experiences (both in-person and online) with surveys. We will measure participant (ages 9 to 15) knowledge about science, technology, engineering, and math of flight using pre- and post-tests to quantify percent increase in knowledge. We will also scaffold classroom teachers by providing excellent professional development and support for their STEM focused instruction.

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 the contract?

None.

15. Requester Contact Information

a. First Name Last Name

b. Organization

c. E-mail Address

d. Phone Number Ext.

16. Recipient Contact Information

a. Organization

b. Municipality and County

c. Organization Type

For Profit Entity



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- 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**

17. Lobbyist Contact Information

a. **Name**

b. **Firm Name**

c. **E-mail Address**

d. **Phone Number**