



2018-2019 Florida Job Growth Grant Fund Workforce Training Grant Proposal

Proposal Instructions: The Florida Job Growth Grant Fund Proposal (this document) must be completed and signed by an authorized representative of the entity applying for the grant. Please read the proposal carefully as some questions may require a separate narrative to be completed. If additional space is needed, attach a word document with your entire answer.

Entity Information

Name of Entity: Lively Technical Center

Federal Employer Identification Number (if applicable): [REDACTED]

Primary Contact Name: Shelly L. Bell

Title: Director of Career, Technical and Adult Education

Mailing Address: 500 N. Appleyard Drive
Tallahassee, Florida 32304

Phone Number: 850-487-7555

Email: bells@leonschools.net

Secondary Contact Name: Randy Free

Title: Assistant Director of Career, Technical and Adult Education

Phone Number: 850-487-7555

Workforce Training Grant Eligibility

Pursuant to 228.101, F.S., the Florida Job Growth Grant Fund was created to promote economic opportunity by improving public infrastructure and enhancing workforce training. This includes workforce training grants to support programs offered at state colleges and state technical centers.

Eligible entities must submit proposals that:

- Support programs and associated equipment at state colleges and state technical centers.
- Provide participants with transferable and sustainable workforce skills applicable to more than a single employer.
- Are offered to the public.
- Are based on criteria established by the state colleges and state technical centers.
- Prohibit the exclusion of applicants who are unemployed or underemployed.

1. Program Requirements:

(If additional space is needed, attach a word document with your entire answer.)

Each proposal must include the following information describing how the program satisfies the eligibility requirements listed on page 1.

A. Provide the title and a detailed description of the proposed workforce training.
see attached

B. Describe how this proposal supports programs at state colleges or state technical centers.
see attached

C. Describe how this proposal provides participants transferable, sustainable workforce skills applicable to more than a single employer.
see attached

D. Describe how this proposal supports a program(s) that is offered to the public?
see attached

E. Describe how this proposal is based on criteria established by the state colleges and state technical centers.
see attached

F. Does this proposal support a program(s) that will not exclude unemployed or underemployed individuals?

Yes No

- G.** Describe how this proposal will promote economic opportunity by enhancing workforce training. Please include the number of program completers anticipated to be created from the proposed training. Further, please include the economic impact on the community, region, or state and the associated metrics used to measure the success of the proposed training.

see attached

2. Additional Information:

(If additional space is needed, attach a word document with your entire answer.)

- A.** Is this an expansion of an existing training program? Yes No
 If yes, please provide an explanation for how the funds from this grant will be used to enhance the existing program.

see attached

- B.** Does the proposal align with Florida’s Targeted Industries? Yes No
 (View Florida’s Targeted Industries here.)

If yes, please indicate the specific targeted industries with which the proposal aligns.
 If no, with which industries does the proposal align?

Aviation and Aerospace

- C.** Does the proposal align with an occupation(s) on the Statewide Demand Occupations List and/or the Regional Demand Occupations List? (View Florida’s Demand Occupations List here.) Yes No

If yes, please indicate the specific occupation(s) with which the proposal aligns.
 If no, with which occupation does the proposal align?

Aircraft Mechanics and Service Technicians

- D. Indicate how the training will be delivered (e.g., classroom-based, computer-based, other).
If in-person, identify the location(s) (e.g., city, campus, etc.)
where the training will be available.
If computer-based, identify the targeted location(s) (e.g. city, county, statewide
where the training will be available.

see attached

- E. Indicate the number of anticipated annual enrolled students and completers in the proposed program.

see attached

- F. Indicate the length of program (e.g., quarters, semesters, weeks, etc.), including anticipated beginning and ending dates.

Begin Date: 8/13/2018

End Date: 6/1/2020

see attached

- G. Describe the plan to support the sustainability of the program after grant completion.

see attached

- H. Identify any certifications, degrees, etc. that will result from the completion of the program. Please include the Classification of Instructional Programs (CIP) code and the percent of completer in each code, corresponding with Section E.

see attached

- I. Does this project have a local match amount?

Yes No

If yes, please describe the entity providing the match and the amount (Do not include in-kind).

see attached

J. Provide any additional information or attachments to be considered for the proposal.

see attached

3. Program Budget

(If additional space is needed, attach a word document with your entire answer.)

Estimated Costs and Sources of Funding: Include all applicable workforce training costs and other funding sources available to support the proposal.

1.) **Total Amount Requested** \$ 175,000.00
 Florida Job Growth Grant Fund

2.) **Other Workforce Training Project Funding Sources:**

City/County \$ _____
 Private Sources \$ _____

Other (grants, etc.) \$ 30,000.00
 Total Other Funding \$ 30,000.00

Please Specify: Perkins

3.) **Workforce Training Project Costs:**

Equipment \$ 205,000.00
 Personnel \$ _____
 Facilities \$ _____
 Tuition \$ _____
 Training Materials \$ _____

Other \$ _____
Total Project Costs \$ 205,000.00

Please Specify: _____

Note: The total amount of the project should equal the total amount requested plus the total other funding.

- 4.) Provide a detailed budget narrative, including the timing and steps necessary to obtain the funding, how equipment purchases will be associated with the training program, if applicable, and any other pertinent budget-related information.

see attached

4. Approvals and Authority

(If additional space is needed, attach a word document with your entire answer.)

- A. If entity is awarded grant funds based on this proposal, what approvals must be obtained before it can execute a grant agreement with the Florida Department of Economic Opportunity (e.g., approval of a board, commission or council)?

approval of school board

- B. If approval of a board, commission, council or other group is needed prior to execution of an agreement between the entity and the Florida Department of Economic Opportunity:

- i. Provide the schedule of upcoming meetings for the group for a period of at least six months.
- ii. State whether entity is willing and able to hold special meetings, and if so, upon how many days' notice.

July 24, July 31, August 14, August 18, September 11, September 25, October 9, October 23, November 20

- C. Attach evidence that the undersigned has all necessary authority to execute this proposal on behalf of the entity. This evidence may take a variety of forms, including but not limited to: a delegation of authority, citation to relevant laws or codes, policy documents, etc.

Superintendent Signature Below

I, the undersigned, do hereby certify that I have express authority to sign this proposal on behalf of the above-described entity and to the best of my knowledge, that all data and information submitted in proposal is truthful and accurate and no material fact has been omitted.

Name of Entity: Lively Technical Center/Leon County Schools

Name and Title of Authorized Representative: Rocky Hanna, Superintendent

Representative Signature: Rocky Hanna

Signature Date: July 25, 2018

**Florida Job Growth Grant Fund
Workforce Training Grant Proposal**

1. PROGRAM REQUIREMENTS

A. Provide the title and a detailed description of the proposed workforce training.

Taking Aviation Mechanics to New Heights

This project will look to expand and strengthen the Aviation Airframe and Powerplant Mechanics program at Lively Tech through the addition of new teaching devices. This grant will allow for Lively to expand their FAA 147 approved school with the addition of new aircraft to the program.

The 2017 Boeing Pilot & Technician Outlook projects a need for nearly ONE AND A HALF MILLION new commercial airline pilots and maintenance technicians by year 2036. Their estimates include a need for over half a million commercial airline pilots and **648,000** maintenance technicians to meet this tremendous growth. The median annual wage of aircraft mechanics was **\$61,020** in May 2017. The lowest 10 percent of aircraft mechanics earned less than \$36,030 and the top 10 percent earned more than **\$92,080**.

B. Describe how this proposal support programs at state colleges or state technical centers:

This proposal will support the current Aviation Airframe and Powerplant Mechanics program at Lively Tech by adding an air worthy aircraft for student use. The hands on use on a new aircraft to the program will allow students to become more adept in learning and mastering the skills of a proficient airframe/powerplant mechanic.

C. Describe how this proposal provides participants transferable, sustainable workforce skills applicable to more than a single employer.

The skills learning in the airframe/powerplant program allow students to gain the training necessary for them to sit for the FAA Aviation Maintenance Technician General, Airframe and Powerplant tests. The general qualifications for an aviation maintenance technician certificate require you to have a combination of experience, knowledge, and skill. The completion of the program and the subsequent passing of the required FAA assessments, allows an individual to seek employment as an aircraft mechanic/aircraft service technician.

D. Describe how this proposal support a program(s) that is offered to the public?

Lively Tech offers the Aviation Airframe and Powerplant Mechanics program to the public. This program accepts new enrollment twice a year. The minimum qualifications for entry to the program include: TABE scores of 10 in Mathematics, 9 for Language and 10 in Reading.

E. Describe how this proposal is based on criteria established by the state colleges and state technical centers.

This proposal is based on the criteria Lively Technical Center has established to make decisions to offer programs that benefit the workforce needs in our community and across the state of Florida. Criteria for offering apprenticeship programs include review of State and Regional Demand Occupations Lists and review of the Bureau of Labor Market Statistics Employment Projections.

F. Does this proposal support a program(s) that will not exclude unemployed or underemployed individuals?

YES NO

G. Describe how this proposal will promote economic opportunity by enhancing workforce training. Please include the number of jobs anticipated to be created from the proposed training. Further, please include the economic impact on the community, region, or state and the associated metrics used to measure the success of the proposed training.

This program seeks to impact the local workforce by creating a pipeline of skilled aviation/powerplant mechanics to fill the positions statewide. The 2018-2019 Regional Demand Occupations List shows an annual increase statewide of 1.28 for airframe mechanics and service technicians with 1,278 annual openings.

2. ADDITIONAL INFORMATION:

A. Is this an expansion of an existing program? YES NO

If yes, please provide an explanation for how the funds from this grant will be used to enhance the existing program.

This proposal expands the current aviation program by offering students the ability to train on new technology. The grant seeks funds to purchase an air worthy corporate type aircraft to include either a Citation, King Air or Leer Jet to the program. This new piece of equipment will allow the program to better prepare students leaving the program by operating on technology common to the aviation field.

B. Does the proposal align with Florida's Targeted Industries? YES NO

If yes, please indicate the targeted industries with which the proposal aligns.

Aviation and Aerospace

C. Does the proposal align with an occupation(s) on the Statewide Demand Occupation List and/or the Regional Demand Occupations list? YES NO

If yes, please indicate the occupation(s) with the proposal aligns.

This proposal aligns with Aircraft Mechanics and Service Technicians

D. Indicate how the training will be delivered (e.g., classroom-based, computer-based, other).

Training will be face-to-face, hands on, classroom and lab based. Training will be on Lively's Airport campus with experts in the program field of study. Lively's program is approved through the FAA recognized as FAA 147 School.

The purpose of this program is to prepare students for employment or advanced training in the commercial and general aviation industry. Instruction is designed to prepare students for Federal Aviation Administration (FAA) license examinations for Airframe ratings. Federal Aviation Regulation (FAR) Part 147 identifies minimum requirements for AMT schools. Any changes to the FAA-approved course content must be approved in advance. This program prepares students for employment as an Aviation Maintenance General Technician, and an Aviation Airframe Maintenance Technician/Aviation Powerplant Maintenance Technician.

This program focuses on broad, transferable skills, stresses understanding of all aspects of the aviation maintenance industry, and demonstrates elements of the industry such as planning, management, finance, technical and production skills, underlying principles of technology, labor issues, community issues, and health, safety, and environmental issues.

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Transportation, Distribution and Logistics career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Transportation, Distribution and Logistics career cluster.

Additionally, this program required laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to

make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Classroom, shop, and laboratory activities are an integral part of this program. FAR Section 147.21(e) requires teaching of at least 50 percent of the curriculum in the shop or laboratory. These activities include instruction in the use of safety procedures, tools, equipment, materials, and processes found in the industry. Equipment and supplies should be provided to enhance hands-on experiences for students in the chosen occupation.

E. Indicate the number of anticipated enrollers and student completers

Lively would anticipate 60 enrolled students and 30 annual completers. The complete program takes approximately 2 years to complete.

F. Indicate the length of program (e.g., quarters, semester’s, weeks, etc.), including anticipated beginning and ending dates.

Beginning Date: August 13, 2018 End Date: June 1, 2020
 Beginning Date: January 7, 2019 End Date: December 17, 2021

The complete program, for both the Airframe and Powerplant program, takes 4 semesters or 2 academic years to complete.

Program Title: **Aviation Airframe Mechanics**
Program Type: **Career Preparatory**
Career Cluster: **Transportation, Distribution and Logistics**

PSAV – Career Preparatory	
Program Number	T640300
CIP Number	0647060703
Grade Level	30, 31
Standard Length	1,350 hours
Teacher Certification	Refer to the Program Structure section
CTSO	SkillsUSA
SOC Codes (all applicable)	49-3011 – Aircraft Mechanics and Service Technicians

Program Title: **Aviation Powerplant Mechanics**
Program Type: **Career Preparatory**
Career Cluster: **Transportation, Distribution and Logistics**

PSAV – Career Preparatory	
Program Number	T640400
CIP Number	0647060801
Grade Level	30, 31
Standard Length	1,350 hours
Teacher Certification	Refer to the Program Structure section
CTSO	SkillsUSA
SOC Codes (all applicable)	49-3011 – Aircraft Mechanics and Service Technicians

G. Describe the plan to support the sustainability of the proposal

The program will be sustained using student enrollment tuition and lab fees as well as state work force dollars. To sustain the equipment in the aviation program, workforce funds, grants and Perkins funds will be utilized to repair

existing equipment and to purchase any necessary new equipment. Additionally, the purchase of a new aircraft to the program should have a life span of 10 or more years.

H. Identify any certifications, degrees, etc. that will result from the completion of the program. Please include the Classification of Instructional Programs (CIP) Code if applicable.

FAA Aviation Maintenance Technician General, Airframe and Powerplant test

I. Does this project have a local match amount?

Lively will use school Workforce Funds to help with the equipment purchases. Additionally, future monies collected through enrollment fees and school workforce dollars will be available to help with sustainability.

J. Provide any additional information or attachments to be considered for this proposal.

As of July 2, 2018, 235 Aircraft Mechanic jobs were available in Florida with 43 jobs in aviation maintenance available just in Jacksonville.

3. PROGRAM BUDGET:

Estimated costs and sources of funding: Include all applicable workforce training costs and other funding sources available to support the proposal.

1. Total Amount Requested: \$175,000.00

Florida Job Growth Grant Fund

2. Other Workforce Training Project Funding Sources

City/County

Private Sources

Other (grants, etc.) \$30,000.00 School Perkins Post-Secondary Funds

Total other funding \$30,000.00

3. Workforce Training Project Costs:

Equipment \$205,000.00

Personnel \$0.00

Facilities \$0.00

Tuition \$0.00

Training Materials \$0.00

Other \$0.00

Total Project Costs \$205,000.00

4. Detailed Budget Narrative

All equipment purchases will support the curriculum frameworks for delivery of PSAV program as identified by the FLDOE. Lively will not be able to secure an aircraft until grant is funded. Lively will use government auctions to place a bid on an aircraft with a top amount for the purchase and relocation of the aircraft not to exceed \$235,000.00. The grant seeks funds to purchase an air worthy corporate type aircraft to include either a Citation, King Air or Lear Jet to the program.

FL AVIATION



CENTER

www.FLAviationCenter.com

3244 Capital Circle Southwest

Tallahassee, FL 32310

(850) 778-FLY1

11 July, 2018

Dear Ms. Bell,

I am writing to express our support for your aviation program at Lively Technical Center.

As a growing flight school, one of our biggest challenges is finding qualified mechanics to work on our aircraft. There have been times when we have had to ground an aircraft for a week or more while we waited for any of the mechanics within a 50-mile radius to have availability in their schedule to perform 100-hour inspections. We have tripled our fleet in the last five years, and – like all of our industry – we are poised for continued growth over the next five years. The shortage of Airframe & Powerplant mechanics is becoming a hurdle to our growth.

Of particular interest would be graduates who are proficient in more technically advanced aircraft, or TAA. With the recent FAA ruling permitting TAA as meeting the qualifications for commercial pilot training in lieu of a complex aircraft, we are quickly seeing a need for more people qualified to work on aircraft equipped with these systems.

We are very grateful for the work that you and your team at Lively do to build the Airframe & Powerplant mechanics of tomorrow. We hope that you are able to continue growing the program and expanding your capacity to meet the needs of the industry in our area and across the state.

Best regards,

A handwritten signature in black ink, appearing to read "Faith Drewry".

Faith Drewry

FLORIDA FOREST SERVICE
(850) 488-4274



THE CONNER BUILDING
3125 CONNER BOULEVARD
TALLAHASSEE, FLORIDA 32399-1650

FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES
COMMISSIONER ADAM H. PUTNAM

Shelly Bell, Director
Lively Technical Center
500 Appleyard Dr.
Tallahassee, FL. 32304

August 9, 2018

Mrs. Bell,

I am writing you today to let you know the importance of the Aviation Maintenance Technician Program to the Florida Forest Service Aviation Section. Most of our Aircraft Mechanics are post graduates from your program. We have nine Aircraft Mechanic positions throughout the State of Florida and all these positions have minimum qualifications that a completed student would meet or exceed. A job with the Florida Forest Service quickly becomes a career path with a benefits package, competitive pay and upward mobility to become an Aircraft Inspector. As the industry moves to what the FAA calls TAA or Technically Advanced Aircraft it is important to leverage your current students with training aids that meet these fundamentals. We at the Florida Forest Service currently operate seven of these TAA aircraft, so exposure to this technology at the school would be of great benefit to your students and make them more viable candidates for employment.

Thank you for your time. I am available if you have any questions regarding this letter and my contact information is below.

Sincerely,

A handwritten signature in blue ink, appearing to read "Rutledge Fuller".

Rutledge Fuller
Aviation Maintenance Administrator
Florida Forest Service
(850)879-1234
Rutledge.Fuller@FreshFromFlorida.com



Date: 08/03/2018

To: Shelly Bell

I am writing this letter to support Lively Technical Centers Aviation School and its mission to train professional aviation maintenance technicians. The demand for mechanics is greater than ever which is why schools like Lively play an important role in preparing students to be successful in this field and obtain rewarding careers.

Because of the high demand in the field of aviation maintenance in the state of Florida, Lively Technical Center plays a vital role in the education and training of students in this career arena. It is for this reason that it is importance to have access to the latest equipment and current airworthy aircraft models for these students. Flightline Group, Inc. would like to personally endorse and encourage any additional funding that can be made to Lively Technical Center and Aviation School. Your financial support towards the school will yield great things for not only the students but also the field of aviation.

Thank you for your consideration.

Sincerely,

A handwritten signature in black ink that reads "Fred W. Davis". The signature is written in a cursive style with a large, prominent "F" and "D".

Fred W.Davis

Vice President / DOM

Flightline Group,Inc.

3256 Capital Circle S/W

Tallahassee, FL 32310

Phone: 850-576-3515 Ext.1

FAX: 850-574-2363

fred@flightlinegroup.com



Sheriff Walt McNeil

LEON COUNTY SHERIFF'S OFFICE

HONESTY & INTEGRITY ACCOUNTABILITY TEAMWORK TRUST & RESPECT COMMITMENT TO EXCELLENCE

August 7, 2018

Shelly Bell, Director
Lively Technical Center
500 Appleyard Drive
Tallahassee, FL 32304

Mrs. Bell:

The Leon County Sheriff's Office has operated aircraft continually since 1974, in support of law enforcement and emergency response operations in the Tallahassee area. In support of our flight operations, routine maintenance and avionics work is performed in house by aviation maintenance professionals. Due to the dynamic nature of our daily operations; having airframe and power plant mechanics with inspection authorization on staff, is essential to maximize availability of our aircraft. Finding qualified mechanics in the Tallahassee area has always been problematic; especially ones who have training and experience in avionics and advanced electronic systems. The electronics carried as standard equipment on most aircraft today is vastly more complicated than ten or fifteen years ago.

We have in the past hired graduates from the Lively Aviation Maintenance Tech Program, and would likely consider hiring graduates in the future, especially if they had a strong knowledge base in advanced aircraft systems and avionics. My hope is that the Aviation Maintenance Tech Program can add more instruction on technically advanced aircraft and electronic systems; so we can continue giving graduates a chance to advance their careers.

Sincerely

A handwritten signature in blue ink, appearing to read "Walter McNeil".

Walter McNeil
Sheriff of Leon County

cc: Lieutenant Lee Majors, Aviation



Post Office Box 727 ★ Tallahassee, Florida 32302-0727
Office (850) 606-3300 ★ Detention (850) 606-3500
www.leoncountyso.com

ALLin
Working together to make Leon County safer