

Application Score Sheet

Proposed Project: Wakulla School Board/Lively Technical College A&P Expansion Project #215

Proposed Project/Program County: Wakulla

Board of County Commission Support:

Total Projected Project Cost: 3,500,000.00

Match Provided: 560,000.00

Triumph Funds Requested: 2,940,000.00 (84%)

Triumph Funds Recommended by Staff: 2,940,000.00

Score: A

ROI: \$26.6 per dollar of Triumph cost

Economic Impact Analysis and Score

The Wakulla County School Board (WCSC), through its Lively Technical College, proposal requests a Triumph award of \$2,940,000 to support activities at the Lively Training Facility at Tallahassee Regional Airport. This program prepares students for employment as an Aviation Maintenance General Technician, and an Aviation Powerplant Maintenance Technician. The summary table of industry certifications (p253) identifies a total of 1,132 certs to be awarded over ten years of the program.

The Triumph funds are proposed (p254) to be disbursed in level annual increments of \$420,000 over the initial seven years of the program. The proposal notes (p254) that the District will provide \$560,000 in match in level annual increments of \$56,000 over the ten-year period of the proposed Triumph award. The match represents 16 percent of the calculated project expenditures.

The proposal notes that the funding will be used to purchase equipment, electronics, and curriculum and to hire staff to support the increased enrollment and certifications along with transportation. The proposal states further that "Maintenance, current staffing, utility resources and all other fees for future use will be assumed by WCSB/Lively..." The performance schedule (p253) identifies six different classifications of industry certifications, and projects non-zero numbers of certs awarded over a ten-year period in four of those six certs. The four include "A&P FAA Cert without funding, A&P FAA cert with funding, Space Tech Aerospace Technician with funding, and Ground School with funding." We were unable to locate further detail on these certifications within the proposal.

Staff note that the proposed training program location is outside the Triumph counties at the Tallahassee airport in Leon County. Staff note further that "current staffing" is not appropriate to consider as match for Triumph program funding.

At a reimbursement rate of \$2,597 per certification, the discounted total increase in household incomes expected from the program will be \$26.6 per dollar of Triumph cost, which is high relative to other Triumph CTE awards. Staff concerns noted above notwithstanding, staff rate this program “A” in terms of economic impact.

Project Summary (based on information provided by the applicant)

Wakulla School Board in partnership with Lively Technical College is requesting a \$2,940,000.00 grant from Triumph Gulf Coast for the Wakulla District Schools (WCSB)/Lively Technical College/Federal Aviation Administration (W.L.FAA) project. The joint project will expand the Aviation Powerplant and Airframe Mechanics program (program numbers T640300 and T640400) to increase the number of Wakulla students and adults receiving industry certifications as aircraft mechanics and service technicians.

Wakulla District Schools is partnering with Lively Technical College, the FAA, and Embry-Riddle Aeronautical University - Daytona to provide pathways for students and adults to gain the necessary skills certifications and credentials for employment in the aviation industry.

The Aviation Airframe Mechanics program is designed 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. This program prepares students for employment as an Aviation Maintenance General Technician, and an Aviation Airframe Maintenance Technician.

The Aviation Powerplant Mechanics program is designed 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. This program prepares students for employment including as an Aviation Maintenance General Technician.

Through the A&P program, students will gain an in-depth view of the aviation mechanics industry and a basic understanding of how each system within an airplane works. Students will learn safety, how to operate hand, power, and lifting tools as well as the major measuring instruments and devices used by aviation technicians. Students will also have an overview of aviation services and new/used aircraft preparation, inspections, preparing estimates, changing fluids and filters, proper hazardous waste disposal, minor electrical repairs, and testing techniques. Students will learn how to inspect and evaluate systems to determine if advanced levels of repairs are needed. The curriculum is based on the task requirements of The Federal Aviation Administration.

The course work also provides training in regulation and maintenance of aircraft. Instruction is comprehensive to include ground school and spacetec certifications. Students in this course will use equipment including machines, brake lathes, balancers, power and hand tools, voltmeters, battery testers, battery chargers, scan tools and required equipment.

Additionally, elements of electricity and electrical components are mingled with math and design as it relates to circuits and boards. Students will be required to learn data analysis with pressure and temperature charts along with multiple other facets of the standards (Florida Department of Education, Curriculum Frameworks, 2017).

Each student enrolled in the A&P Program will sit for the FAA certification exam with other industry recognized credentials available through the program.

WCSB has been a leader in Northwest Florida for educational quality. WCSB's graduation rate and initiatives for CTE programs are directly correlated to an increase in not only median household income over the past six years, but per capita income as well. The U.S. Census Bureau has data relating to Wakulla County from the census in 2015 and then again in 2018. As WCSB has incorporated a variety of CTE programs for students and the community, graduation rate has increased along with household income. The W.L.FAA project continues the focus of establishing an employer-driven workforce and helping create a pipeline of well-prepared job ready employees.

WCSB and Lively Technical Center (LTC) currently partner on both the welding, heating ventilation and air conditioning and Automotive programs. In addition, agreements exist that articulate clock hours from programs in Wakulla County to programs at LTC. This partnership has been in existence for over ten years and gets stronger every year as the two institutions work in unison to target the expanding need for skilled workers. It is expected that the partnership will expand to more programs, to maximize economic benefits and regional assets.

The location of the program will be onsite at the Lively Training Facility at Tallahassee Regional Airport. Technology center instructors, in cooperation with aviation industry representatives, combine classroom theory with real-world hands-on training for future Airframe and Powerplant Technician professionals.

Funding is requested to purchase equipment, electronics, curriculum and hire staff to support the increased enrollment and certifications along with transportation. In addition, in order to continue compliance with FAA regulations, data entry and technology support is needed. Maintenance, current staffing, utility resources and all other fees for future use will be assumed by WCSB/Lively to increase output of citizens ready for the workforce in the targeted areas.

WCSB, in Wakulla County, is partnering with LTC in Leon County to help provide this opportunity. Any student who attends Wakulla Public Schools can enroll in these programs as well as student participating in school choice from other counties in the region.

Through this program students will be trained for positions that include Airline Maintenance Technician, Aircraft Sheetmetal Mechanic, Aircraft Composite Mechanic or Aircraft Repair Station Mechanic. The starting hourly rate can be from \$19.00 up to \$30.00 per hour depending on location and shift differential. According to the 2017-18 Florida Statewide Demand Occupations List for Workforce Development, Certified Aircraft Mechanics and Aircraft Service Technicians have an annual percent growth rate of 1.19 with an hourly mean wage of \$26.95 in

year 2017. 1,295 job openings are anticipated annually (Regional Demand Occupations List, 2019).

Students enrolled in the programs will meet their high school graduation requirements with the support of a career and technical mentor. This will help cultivate the academic side of the student and the skill development of the employee. Students who attend these courses will have a clear purpose and direction for their future and standards such as creativity and innovation are embedded into both programs. Adults who attend will be able to hone skills for career development and advancement in the aviation field.

Students will be mentored to see what jobs would be available at each exit point along their educational career route. The program is intended to appeal to students varying degrees of interest and abilities.

Funding and Budget (as provided by the applicant)

5. Please provide a Project/Program Budget. Include all applicable costs and other funding sources available to support the proposal.

A. Project/Program Costs:

Example Costs (Note: Not exhaustive list of possible Cost categories.)

| | |
|----------------|-------------|
| Personnel | \$1,274,000 |
| Equipment | \$1,050,000 |
| Training | \$140,000 |
| Curriculum | \$210,000 |
| Supplies | \$210,000 |
| Transportation | \$56,000 |
| Facilities | \$560,000 |

Total Project Costs: \$3,500,000

B. Other Project Funding Sources:

Example Funding Sources (Note: Not an exhaustive list of possible Funding Sources.)

| | |
|------------|--------------------|
| Facilities | \$560,000 (Lively) |
|------------|--------------------|

Total Other Funding \$560,000

Total Amount Requested: \$2,940,000

Support Letters

(Summer 2018)

FL Aviation Center

Florida Department of Agriculture and Consumer Affairs

Flightline Group Inc.

Leon County Sheriff's Office