Triumph Gulf Coast, Inc. Trust Fund
Application for Funds

Embry-Riddle Aeronautical University Campus in Okaloosa County

June 9, 2022

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Applicant Information

Name of Entity/Organization: Embry-Riddle Aeronautical University

Background of Applicant:

Embry-Riddle Aeronautical University is widely considered to be the world's leader in aviation and aerospace higher education. With a mission to teach the science, practice and business of aviation and aerospace, Embry-Riddle graduates hold leadership roles in industry, government agencies, and all branches of the military. Nearly all graduates secure meaningful jobs in their chosen career field or continue to graduate school within one year of graduation. Within the flight-training program (B.S. in Aeronautical Science), nearly all graduates secure high-paying career positions immediately after, and sometimes before they graduate. Aviation businesses serving the Florida Panhandle routinely hire Embry-Riddle graduates.

The University's reputation is grounded in its aviation roots dating back to 1926, but today, the University offers some 100 degrees, at all levels, ranging from aeronautics and aerospace physiology, to cybersecurity, computer science, human factors, space physics, aviation business management, and much more. Embry-Riddle, headquartered in Daytona Beach, Florida, currently serves approximately 32,500 students at two primary residential campuses as well as 110 other locations worldwide, and through award-winning online programs. For many consecutive years, Embry-Riddle has been named by U.S. News and World Report as the nation's No. 1 provider of online undergraduate degrees as well as Best for Veterans. Embry-Riddle is also home to the nation's largest Aerospace Engineering program, including the field's top-ranked bachelor's degree program. Operating revenues for fiscal year 2021 exceeded $490 million.

Federal Employer Identification Number: 59–0936101

Contact Information:

Primary Contact: Patrick Barry Butler, Ph.D.
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Total amount of funding requested from Triumph Gulf Coast: $52,980,000

Has the applicant in the past requested or applied for funds for all or part of the proposed project/program?

☐ Yes ■ No

Describe the financial status of the applicant:

Embry-Riddle Aeronautical University is an independent, nonprofit institution of higher education headquartered in Daytona Beach, Florida. The University has sound financial resources, credit quality, and a stable financial base to support the mission of the University and the scope of its programs and services. The University analyzes its financial health and risk on a continuing basis.

Although there is no single quantitative measure of financial stability, the University uses two well-known measures. The composite financial index (CFI) can range from negative 4 to positive 10 and Embry-Riddle's CFI score for 2021 was 7.8 (a score of 3.0 or above represents that an institution is financially healthy). The U.S. Department of Education's composite score can range from negative 1.0 to positive 3.0. The University's composite score for fiscal year 2021 was 3.0, the highest possible.

The University's credit quality is also very strong as evidenced in ratings by both Fitch Ratings and Moody's Investors Service ("Moody's"). On December 4, 2019, Fitch Ratings upgraded the University's bond rating from A- to A+ with a stable outlook. On February 17, 2021 Fitch Ratings revised the University's outlook to positive, from stable. On March 10, 2021, Moody's upgraded the University's rating to A2, stable. Management believes these actions are indicative of an institution with a sound balance sheet, strong annual operating performance, and low financial risk.

In a separate attachment, please provide financial statements or information that details the financial status of the applicant and any co-applicants or partners.

Attached to this document is Embry-Riddle's FY21 Audited Financial Statement.

Has the applicant or any co-applicants, partners or any associated or affiliated entities or individuals filed for bankruptcy in the last ten (10) years?

☐ Yes ■ No

Eligibility

1. **From the choices below, please check the box that describes the purpose of the proposed project or program (check all that apply):**

   ☐   Ad valorem tax rate reduction within disproportionately affected counties;

   ☐   Local match requirements of s. 288.0655 for projects in the disproportionately affected counties;

   ☐   Public infrastructure projects for construction, expansion, or maintenance which are shown to enhance economic recovery, diversification, and enhancement of the disproportionately affected counties;

   ☐   Grants to local governments in the disproportionately affected counties to establish and maintain equipment and trained personnel for local action plans of response to respond to disasters, such as plans created for the Coastal Impacts Assistance Program;

   ■   Grants to support programs that prepare students for future occupations and careers at K-20 institutions that have campuses in the disproportionately affected counties. Eligible programs include those that increase students' technology skills and knowledge; encourage industry certifications; provide rigorous, alternative pathways for students to meet high school graduation requirements; strengthen career readiness initiatives; fund high-demand programs of emphasis at the bachelor's and master's level designated by the Board of Governors; and, similar to or the same as talent retention programs created by the Chancellor of the State University System and the Commission of Education, encourage students with interest or aptitude for science, technology, engineering, mathematics, and medical disciplines to pursue postsecondary education at a state university or a Florida College System institution within the disproportionately affected counties;

   ■   Grants to support programs that provide participants in the disproportionately affected counties with transferable, sustainable workforce skills that are not confined to a single employer; and

   ☐   Grants to the tourism entity created under s. 288.1226 for the purpose of advertising and promoting tourism and Fresh From Florida, and grants to promote workforce and infrastructure, on behalf of all of the disproportionately affected counties.

2. **Title and a detailed description of the proposed project.**

   Project Title:

   Embry-Riddle Aeronautical University Campus in Okaloosa County

   Project Description:

   Embry-Riddle proposes to bring its premier educational programs to Okaloosa County, thereby providing significant opportunities for the region's citizens to pursue

high-paying, aviation-focused jobs. At a new Embry-Riddle Campus in Okaloosa County, key attributes would include the University's unparalleled professional flight training and accompanying course work, an Embry-Riddle Mixed Use Center to support 150 students and staff, a fleet of Embry-Riddle aircraft and flight simulators, aircraft maintainers, instructor pilots, and advanced unmanned aerial systems (UAS) training.

Embry-Riddle's presence in Okaloosa County will also provide K-12 learning enrichment opportunities as well as tuition-waiver opportunities for students from all eight of the area's disproportionately affected counties. The Embry-Riddle Campus in Okaloosa County complements investments already made by the Triumph Fund to support economic growth in the aviation sector while promoting local students' interest in high-paying science and technology careers. Specific components of the Embry-Riddle Campus in Okaloosa County will include:

- Students enrolled in Embry-Riddle's Aeronautical Science degree program will participate in an intensive flight-training program at Bob Sikes Airport in Okaloosa County under the school's FAA-approved Part 141 program. This training serves as a pathway toward a B.S. degree in Aeronautical Science (completed at Embry-Riddle's Daytona Beach Campus) and a restricted ATP (airline transport pilot) flight certification. Alternatively, students can elect to complete a B.S. in Flight Operations through Embry-Riddle's Worldwide Campus – the nation's No. 1 provider of online undergraduate degrees – while completing flight training through Embry-Riddle and/or local FBOs.
- Embry-Riddle will further offer workforce development programs to prepare transitioning military members (including spouses) as well as civilians for aviation and technology-focused careers in high demand in the region. These programs will include initial flight training for transitioning military personnel enrolled in Embry-Riddle's Worldwide Campus B.S. in Aeronautics degree program.
- For recent high-school graduates (includes public, private, home school and virtual school) from the region's eight disproportionately affected counties, the University in partnership with funding from the Triumph Fund will offer flexible and cost-effective opportunities (i.e., high return on investment) with generous tuition waivers to attend, and graduate from, Embry-Riddle by taking all, or a portion (e.g., 2+2 programs) of, their coursework (depending on the degree) at the Okaloosa County Campus. This program will be advantageous for students who otherwise couldn't attend a residential college campus for a full four years. This program will also be available to dependent children and spouses of military personnel stationed at any of the U.S. military bases located in the eight counties.
- Over the first four years, Embry-Riddle will provide up to 20 tuition waivers per year for students from the eight counties to enroll in the existing Northwest Florida State College – Embry-Riddle 2+2 aviation maintenance program. Upon completion of the first two years the graduates can complete their bachelor's degree through Embry-Riddle (and maintain their tuition waiver) or be guaranteed an interview with Embry-Riddle's maintenance department for a job at the Okaloosa campus (or at one of Embry-Riddle's other locations). Similar 2+2 programs will be explored with other schools in the eight counties.
- Embry-Riddle will permanently locate approximately 28 glass cockpit-equipped

Cessna 172 aircraft at Bob Sikes Airport and will conduct flight operations associated with private pilot courses, providing world class education and preparing students for transformational careers in industry at high salaries.

- Embry-Riddle senior leaders and aviation staff, including flight instructors, maintainers, aircraft dispatchers and management, will be assigned to the program at Bob Sikes Airport – these individuals will live in the local area, further adding to the local economy.
- Embry-Riddle will offer K-12 aviation-aerospace enrichment programming to students from the affected counties. This curriculum covers areas in high-demand job fields such as aviation cybersecurity and data analytics. The programs will include overnight camps (using the living quarters at the mixed-use facility) and one-day events that bring prospective students and their families to the airport for events that will introduce them to employment opportunities in aviation and related disciplines.
- Embry-Riddle will offer a summer flight intensive program, coupled with dual-enrollment courses, to select high school students from the eight-county region.
- Embry-Riddle will partner with its extensive industry partners to bring program participants and other residents from the affected counties into direct access with top employers. Industry letters of support are included in Appendix C.
- Embry-Riddle through its own programs and partnerships with local K-20 institutions, including NWFSC, will provide training that may result in numerous recognized industry certifications, a partial list of these can be found in Appendix A, this list may expand into other aviation, aerospace, and STEM-related fields over time.

3. **Explain how the proposed project or program is considered transformational and how it will affect the disproportionately affected counties in the next ten (10) years.**

Demand for professional pilots and other aerospace professionals is projected to exceed the supply for the foreseeable future. By producing highly qualified and sought-after Embry-Riddle graduates in Northwest Florida, the University will enhance the local economy and allow it to compete for aerospace business growth. An Embry-Riddle presence in Okaloosa County and many of the smaller airports across the Florida Panhandle will increase airport usage statistics, resulting in higher Federal investments in airport infrastructure, while graduates who will strengthen the region's overall economy after they start their professional piloting careers. In addition to providing career-focused educational opportunities for traditional high school graduates, a military career-transition program will be offered for military personnel transitioning out of the service from local bases.

4. **Describe data or information available to demonstrate the viability of the proposed project or program.**

Aviation and aerospace workforce statistics are tracked by a number of reputable sources including Boeing ("Pilot and Technician Outlook 2021-2040"), the U.S. Bureau of Labor Statistics ("Occupational Outlook Handbook") and the global management consulting firm Oliver Wyman (www.oliverwyman.com). The consensus amongst the

experts is that demand for pilots and technicians will remain very strong for the foreseeable future. Specifically, Boeing estimates a global need for **612,000 pilots** and **626,000 technicians** over the 2021-2040 period, far below current production levels. The Bureau of Labor Statistics reports a 2021 median annual salary for airline and commercial pilots at **$134,630**; for airline pilots, copilots, and flight engineers it is **$202,180.** A graduate from Embry-Riddle's Aeronautical Science program could expect to earn about $1.25 million during their first ten years. Additionally, aircraft airframe and power plant (A&P) mechanics have a median wage of $66,500 per year.

5. **Describe how the impacts to the disproportionately affected counties will be measured long term.**

   Factors used to measure the impact on the eight disproportionately affected counties include: i) the amount of Embry-Riddle tuition-waiver dollars awarded to individuals from those counties to enroll in Embry-Riddle programs, ii) job placement rate and estimated 10-year earnings of individuals completing the program, iii) industry certifications earned, and iv) Embry-Riddle flight activity (take-offs and landings) at airports in the counties. Embry-Riddle routinely tracks these metrics.

6. **Describe how the proposed project or program is sustainable. (Note: Sustainable means how the proposed project or program will remain financially viable and continue to perform in the long-term after Triumph Gulf Coast, Inc. funding.)**

   Based on credible sources who monitor the global aviation and aerospace workforce (Boeing, Oliver Wyman, etc.) the shortage of pilots and maintainers will persist for the coming decades. Support from the Triumph Fund is largely to cover significant start-up costs for the Embry-Riddle Aeronautical University Campus in Okaloosa County. Long-term operational expenses will be covered through tuition and flight fees.

7. **Describe how the deliverables for the proposed project or program will be measured.**

   Embry-Riddle operates an Office of Sponsored Programs that routinely tracks compliance (e.g., budgets, timelines, deliverables, etc.) with externally funded projects. In addition, the University has an independent internal audit unit that audits the universities overall financial operations including grants and contracts. In addition, the University maintains a robust Office of Institutional Research for collecting, validating and disseminating all data shared both internally and externally. This includes information generated for external entities such as the State of Florida, U.S. Department of Education, etc. The metrics defined above in Question (5.) will be tracked through the same process.

Priorities

1. **Please check the box if the proposed project or program will meet any of the following priorities (check all that apply):**

   ☑ Generate maximum estimated economic benefits, based on tools and models not generally employed by economic input-output analyses, including cost-benefit, return-on-investment, or dynamic scoring techniques to determine how the long- term economic growth potential of the disproportionately affected counties may be enhanced by the investment.

   ☑ Increase household income in the disproportionately affected counties above national average household income.

   ☑ Leverage or further enhance key regional assets, including educational institutions, research facilities, and military base.

   ☑ Partner with local governments to provide funds, infrastructure, land, or other assistance for the project.

   ☑ Benefit the environment, in addition to the economy.

   ☑ Provide outcome measures.

   ☑ Partner with K-20 educational institutions or school districts located within the disproportionately affected counties as of January 1, 2017.

   ☑ Are recommended by the board of county commissioners of the county in which the project or program will be located.

   ☐ Partner with convention and visitor bureaus, tourist development councils, or chambers of commerce located within the disproportionately affected counties.

2. **Please explain how the proposed project meets the priorities identified above.**

   Embry-Riddle's success and reputation in the aviation and aerospace industries will enable significant opportunities for the region's citizens to pursue high-paying, aviation-focused jobs. Embry-Riddle's K-12 learning enrichment opportunities as well as tuition-waiver opportunities for students from all eight of the area's disproportionately affected counties supports long-term economic growth in the aviation sector while promoting local students' interest in high-paying science and technology careers. Embry-Riddle will request time before the Okaloosa County Commissioners to seek support for this project and have it added to the county's list of approved projects for Triumph funding.

3. **Please explain how the proposed project or program meets the discretionary priorities identified by the Board.**

   The program being proposed by Embry-Riddle is highly supportive of the Board's priorities to diversify the region's economy with a focus on transferable, sustainable, high-paying jobs that are not limited to a single employer. The aviation and aerospace sectors are key to achieving those objectives and Embry-Riddle proposes to bring its expertise to the region.

4. **In which of the eight disproportionately affected county/counties is the proposed project or program located? (Circle all that apply)**

    Escambia   Santa Rosa   Okaloosa   Walton   Bay   Gulf   Franklin   Wakulla

5. **Was this proposed project or program on a list of proposed projects and programs submitted to Triumph Gulf Coast, Inc., by one (or more) of the eight disproportionately affected Counties as a project and program located within its county?**

    ☐   Yes   ■   No

6. **Does the Board of County Commissioners for each County listed in response to question 5, above, recommend this project or program to Triumph?**

    ☐   Yes   ■   No (Note: as mentioned above, Embry-Riddle will seek to do so)

Approvals and Authority

1. **If the Applicant is awarded grant funds based on this proposal, what approvals must be obtained before Applicant can execute an agreement with Triumph Gulf Coast, Inc.?**

   Applicant (President P. Barry Butler) will require final approval of the definitive agreement from the Embry-Riddle Aeronautical University Board of Trustees.

2. **If approval of a board, commission, council or other group is needed prior to execution of an agreement between the entity and Triumph Gulf Coast:**

   The Embry-Riddle Board of Trustees will schedule a special meeting within 4 weeks of receiving the final definitive agreement.

3. **Describe the timeline for the proposed project or program if an award of funding is approved, including milestones that will be achieved following an award through completion of the proposed project or program.**

Summer 2022	• Develop flight curriculum and corresponding flight operation procedures. • Develop safety protocols for proposed flight areas in NW Florida. • Develop curriculum for residential K-12 summer enrichment programs. • Design facilities. • Seek local and major industry partners. • Enter contracts to purchase aircraft and simulators.
Fall 2022	• Bid mixed-use facility, flight operations center/maintenance facility. • Develop military transition program curriculum. • Explore options (e.g., hotel) for phased start-ups before facilities are built.
Spring 2023	• Start construction of mixed-use facility and flight operations center/maintenance facility.
Summer 2023	• First offering of K-12 summer enrichment programs and dual-enrollment courses. • First offering of flight program. • First offering of workforce development programs.
Fall 2023	• Complete construction of the flight operations center/maintenance facility. • Flight operations center/maintenance facility opens. • Aircraft and simulator deliveries.
Spring 2024	• Complete construction of the mixed-use facility.

4. **Evidence that the undersigned has all necessary authority to execute this proposal on behalf of the entity applying for funding.**

Based on Art. VII, Section 2 of Embry-Riddle Aeronautical University's bylaws (excerpt inserted below), the Board of Trustees grants the President signature authority. Specifically, it states:

"Responsibilities: The President shall be the chief executive officer of the University and the chief adviser to and executive agent of the Board of Trustees. His or her authority is vested through the Board of Trustees and includes responsibilities for all University educational and managerial affairs. The President shall be responsible for leading the University, implementing all Board policies, keeping the Board informed of significant events and activities at or affecting the University, consulting with the Board in a timely manner on matters appropriate to its policymaking and fiduciary functions, and serving as the University's key spokesperson. He or she shall have the authority to execute all documents on behalf of the University and the Board of Trustees consistent with Board policies and the best interests of the University."

Funding and Budget

1. **Identify the amount of funding sought from Triumph Gulf Coast, Inc. and the time-period over which funding is requested.**

   Triumph Fund Support: The total amount requested from the Triumph Fund is $52.98 million. Specifically, funds will be used for the following expenditure:
   - Construction of (including site) a training and mixed-use facility at Bob Sikes Airport ($22.50 million)
   - Construction of (including site) a 20,000 ft^2 hangar, specialized flight operations center and maintenance facility at Bob Sikes Airport ($6.00 million)
   - 28 Cessna C172 aircraft ($13.97 million)
   - Equipment, furnishings, and parts ($3.50 million)
   - Tuition-waiver support for NWFSC/ERAU 2+2 program ($2.40 million)
   - Flight fee waivers for local students ($4.05 million)
   - Short-term lease for aircraft while awaiting delivery ($0.56 million)
   - **Total Funds Requested: $52.98 million**

   Matching Support: Over a 10-year period, Embry-Riddle will provide matching support in the form of:
   - Replacement Aircraft ($10.20 million)
   - Faculty and staff salary to operate a satellite professional flight program ($37.47 million), to operate UAS programs ($4.95 million), to operate K-12 aerospace enrichment programs for students from the affected counties ($4.95 million) and to operate military transition programs ($2.48 million)
   - Other non-labor, operational costs (e.g., parts, engine reserves, training, transportation, insurance, etc.) associated with the program ($26.02 million)
   - Tuition-waivers/support for students ($25.48 million)
   - **Total Matching Support: $111.55 million**

Location of the Project:

The Campus will be located at the Crestview Technology Air Park, close to Northwest Florida State College's (NWFSC) Aviation Center of Excellence at Bob Sikes Airport. It provides ideal synergies by clustering regional aviation educational programs at a single location. Faculty, staff and students from Embry-Riddle and NWFSC will have the opportunity to regularly collaborate. Embry-Riddle flight experts evaluated eight airports in the affected counties to determine the best location for conducting flight training. Factors considered included: air space constraints, runway configurations, prevailing winds, services (fuel, ground support). Bob Sikes Airport received the highest score of the airports considered. Embry-Riddle facilities staff are evaluating available shovel-ready sites at the airport that provide taxi access.

Timeline (estimated) for the Program:

A table showing the estimated timeline is provided in Question 3 of the **Approvals and Authority** section.

2. **What percentage of total program or project costs does the requested award from Triumph Gulf Coast, Inc. represent? (Please note that an award of funding will be for a defined monetary amount and will not be based on percentage of projected project costs.)**

   The total estimated cost of the project is $164.53 million. The amount requested from the Triumph Fund is $52.98 million which represents approximately 32% of the total.

3. **Please describe the types and number of jobs expected from the proposed project or program and the expected average wage.**

   Based on the scope of the proposed project, it is estimated that, over a ten-year period, over 500 pilots will be produced earning an average wage of $90,000 (5 years after completing training) and $170,000 (10 years after completing training) based on 2021 data from Bureau of Labor Statistics. The program will also produce approximately 150 aircraft airframe and power plant (A&P) mechanics with median wage of $66,500/year.

4. **Does the potential award supplement but not supplant existing funding sources? If yes, describe how the potential award supplements existing funding sources.**

   ☐   Yes   ■   No

5. **Please provide a Project/Program Budget.**

   A. **Project/Program Costs:**

Expense/Category	
28 Cessna C172 Aircraft (stationed at Crestview)	$ 13,970,088
Site & Construction - Mixed-Use Facility	$ 22,500,000
Site & Construction - Flight Ops/Maintenance Hangar	$ 6,000,000
Equipment/Furnishings/Parts (simulators, vans, maintenance, etc.)	$ 3,500,000
Tuition Waivers (NWFSC - ERAU 2+2)	$ 2,400,000
Flight Fee Waivers for Local Students	$ 4,050,000
Short-term internal lease for C-172s while awaiting delivery	$ 561,000
7-Year replacement costs for C172 aircraft	$ 10,196,402
Non-labor operational costs (e.g., parts, insurance, training, supplies, etc.)	$ 26,022,765
Tuition Waivers / Support	$ 25,475,000
Faculty & Staff - Flight Training	$ 37,472,782
Faculty & Staff - K-12 enrichment programs	$ 4,954,553
Faculty & Staff - Military transition programs	$ 2,477,277
Faculty & Staff - UAS programs	$ 4,954,553
Total Costs	$ 164,534,421

B. **Other Project Funding Sources:**

Embry-Riddle Contribution	
7-Year replacement costs for C172 aircraft	$ 10,196,402
Non-labor operational costs (e.g., parts, insurance, training, supplies, etc.)	$ 26,022,765
Tuition Waivers / Support	$ 25,475,000
Faculty & Staff - Flight Training	$ 37,472,782
Faculty & Staff - K-12 enrichment programs	$ 4,954,553
Faculty & Staff - Military transition programs	$ 2,477,277
Faculty & Staff - UAS programs	$ 4,954,553
Total Costs	$ 111,553,332

Total Amount Requested: **$ 52,981,088**

C. **Provide a detailed budget narrative, including the timing and steps necessary to obtain the funding and any other pertinent budget-related information.**

A detailed 10-year proforma budget is provided in Appendix B. All annual expenses identified as the responsibility of Embry-Riddle will be included in an annual budget proposal presented to the Board of Trustees each spring for final approval.

Applicant understands that the Triumph Gulf Coast, Inc. statute requires that the award contract must include provisions requiring a performance report on the contracted activities, must account for the proper use of funds provided under the contract, and must include provisions for recovery of awards in the event the award was based upon fraudulent information, or the awardee is not meeting the performance requirements of the award.

■ Yes   ☐ No

Applicant understands that awardees must regularly report to Triumph Gulf Coast, Inc. the expenditure of funds and the status of the project or program on a schedule determined by Triumph Gulf Coast, Inc.

■ Yes   ☐ No

Applicant acknowledges that Applicant and any co-Applicants will make books and records and other financial data available to Triumph Gulf Coast, Inc. as necessary to measure and confirm performance metrics and deliverables.

■ Yes   ☐ No

Applicant acknowledges that Triumph Gulf Coast, Inc. reserves the right to request additional information from Applicant concerning the proposed project or program.

■ Yes   ☐ No

Appendix A – Potential Industry Certifications

DOE Code	Certification/Credential Title	Issuing Organization/Provider	New to List	Primary Career Cluster[1]	Primary Standard Occupational Classification (SOC) Code[2]	Type (CAPE Industry Certification, CAPE Acceleration Industry Certification, CAPE Digital Tool Certificate)	Certification Version, if applicable	Weight
PRMIN004	PMI Project Management Ready	Project Management Institute (PMI)	Yes	Business Management and Administration	13-1082	CAPE Industry Certification		0.2
ADESK011	Autodesk Certified User - Inventor	Autodesk		Engineering and Technology Education	17-3011	CAPE Industry Certification	Inventor 2019 or later	0.2
ADESK024	Autodesk Certified Professional - Inventor	Autodesk		Engineering and Technology Education	17-3011	CAPE Industry Certification	Inventor 2019 or later	0.2
FLENG001	Engineering Core certification	Florida Engineering Society		Engineering and Technology Education	17-3023	CAPE Industry Certification		0.1
RECFN001	RECF Pre-Engineering Certification	Robotics Education and Competition Foundation		Engineering and Technology Education	17-3011	CAPE Industry Certification		0.1
RECFN002	RECF Robotics Certification	Robotics Education and Competition Foundation		Engineering and Technology Education	17-3024	CAPE Industry Certification		0.1
SOLID003	Certified Solidworks Associate-Academic (CSWA-Academic)	Dassault Systems Solidworks Corporation		Engineering and Technology Education	17-3011	CAPE Industry Certification		0.2
SOLID004	Certified Solidworks Professional - Academic (CSWP-Academic)	Dassault Systems Solidworks Corporation		Engineering and Technology Education	17-3011	CAPE Industry Certification		0.2
ADESK030	Autodesk Certified User - Maya	Autodesk		Information Technology	17-3011	CAPE Industry Certification	Maya 2019 or later	0.2
ADOBE025	Adobe Certified Professional in Web Design (Requires Dreamweaver and Animate or Photoshop)	Adobe Systems		Information Technology	15-1255 (15-1134)	CAPE Industry Certification	CC 2018 or later	0.2
APPLE021	Apple App Development with Swift Certification Level 1	Apple, Inc.		Information Technology	15-1132	CAPE Industry Certification		0.2
CISCO026	Cisco Certified Network Associate (CCNA)	Cisco Systems, Inc.		Information Technology	15-1231 (15-1152)	CAPE Industry Certification		0.2
COMPT001	CompTIA A+	Computing Technology Industry Association (CompTIA)		Information Technology	15-1232 (15-1151)	CAPE Industry Certification		0.2
COMPT005	CompTIA Linux+	Computing Technology Industry Association (CompTIA)		Information Technology	15-1244 (15-1142)	CAPE Industry Certification		0.2
COMPT006	CompTIA Network+	Computing Technology Industry Association (CompTIA)		Information Technology	15-1244 (15-1142)	CAPE Industry Certification		0.2
COMPT007	CompTIA Project+	Computing Technology Industry Association (CompTIA)		Information Technology	13-1082	CAPE Industry Certification		0.2
COMPT008	CompTIA Security+	Computing Technology Industry Association (CompTIA)		Information Technology	15-1212 (15-1122)	CAPE Industry Certification		0.2
COMPT009	CompTIA Server+	Computing Technology Industry Association (CompTIA)		Information Technology	15-1231 (15-1152)	CAPE Industry Certification		0.2
COMPT016	CompTIA Cybersecurity Analyst (CySA+)	Computing Technology Industry Association (CompTIA)		Information Technology	15-1212 (15-1122)	CAPE Industry Certification		0.1
COMPT018	CompTIA IT Fundamentals+	Computing Technology Industry Association (CompTIA)		Information Technology	15-1151	CAPE Industry Certification		0.2
COMPT020	CompTIA Cloud Essentials+	Computing Technology Industry Association (CompTIA)	Yes	Information Technology	13-1111	CAPE Industry Certification		0.1
ESRIC001	ArcGIS Desktop Entry	ESRI		Information Technology	17-1021	CAPE Industry Certification	ArcGIS 10.3 or later	0.2

Appendix A – Potential Industry Certifications

DOE Code	Certification/Credential Title	Issuing Organization/Provider	New to List	Primary Career Cluster[1]	Primary Standard Occupational Classification (SOC) Code[2]	Type (CAPE Industry Certification, CAPE Acceleration Industry Certification, CAPE Digital Tool Certificate)	Certification Version, if applicable	Weight
ICOEC005	EC-Council Cyber Forensics Associate	EC-Council		Information Technology	15-1122	CAPE Industry Certification		0.2
ICOEC006	EC-Council Ethical Hacker Associate	EC-Council		Information Technology	15-1122	CAPE Industry Certification		0.2
KNOWL001	Python Coding Specialist	Knowledge Pillars LLC	Yes	Information Technology	15-1251	CAPE Industry Certification		0.2
KNOWL002	WordPress Certified Editor	Knowledge Pillars LLC	Yes	Information Technology	15-1254	CAPE Industry Certification		0.1
LINPI001	Linux Essentials 010	Linux Professional Institute		Information Technology	15-1151	CAPE Industry Certification		0.2
MICRO017	Microsoft Office Specialist: Microsoft Office 2016 Master Specialist (Requires Word Expert, Excel Expert, PowerPoint, and Access or Outlook)	Microsoft Corporation		Information Technology	15-1232	CAPE Industry Certification	Office 2016	0.2
MICRO070	Microsoft Technology Associate (MTA) - Database Administration Fundamentals	Microsoft Corporation		Information Technology	15-1242 (15-1141)	CAPE Industry Certification		0.2
MICRO074	Microsoft Technology Associate (MTA) - Software Development Fundamentals	Microsoft Corporation		Information Technology	15-1252 (15-1132)	CAPE Industry Certification		0.1
MICRO076	Microsoft Technology Associate (MTA) - Windows OS Fundamentals	Microsoft Corporation		Information Technology	15-1232 (15-1151)	CAPE Industry Certification		0.1
MICRO077	Microsoft Technology Associate (MTA) - Security Fundamentals	Microsoft Corporation		Information Technology	15-1212 (15-1122)	CAPE Industry Certification		0.1
MICRO078	Microsoft Technology Associate (MTA) - Networking Fundamentals	Microsoft Corporation		Information Technology	15-1231 (15-1152)	CAPE Industry Certification		0.1
MICRO080	Microsoft Technology Associate (MTA) - HTML5 Application Developer Fundamentals	Microsoft Corporation		Information Technology	15-1254 & 15-1255 (15-1134)	CAPE Industry Certification		0.2
MICRO102	Microsoft Technology Associate (MTA) - Mobility and Devices Fundamentals	Microsoft Corporation		Information Technology	15-1244 (15-1142)	CAPE Industry Certification		0.2
MICRO104	Microsoft Technology Associate (MTA) - Introduction to Programming Using JavaScript	Microsoft Corporation		Information Technology	15-1251 (15-1131)	CAPE Industry Certification		0.2
MICRO105	Microsoft Technology Associate (MTA) - Introduction to Programming Using HTML and CSS	Microsoft Corporation		Information Technology	15-1254 & 15-1255 (15-1134)	CAPE Industry Certification		0.1
MICRO112	Microsoft Technology Associate (MTA) - Introduction to Programming Using Python	Microsoft Corporation		Information Technology	15-1132	CAPE Industry Certification		0.2
MICRO114	Microsoft Technology Associate (MTA) - Introduction to Programming Using Java	Microsoft Corporation		Information Technology	15-1132	CAPE Industry Certification		0.2
MICRO115	Microsoft Technology Associate (MTA) - Windows Server Administration Fundamentals	Microsoft Corporation		Information Technology	15-1142	CAPE Industry Certification		0.2
MICRO123	Microsoft 365 Certified: Fundamentals	Microsoft Corporation	Yes	Information Technology	15-2051	CAPE Industry Certification		0.1
MICRO124	Microsoft Certified: Azure AI Fundamentals	Microsoft Corporation	Yes	Information Technology	15-1251	CAPE Industry Certification		0.1
MICRO125	Microsoft Certified: Azure Data Fundamentals	Microsoft Corporation	Yes	Information Technology	15-2051	CAPE Industry Certification		0.1

Appendix A – Potential Industry Certifications

DOE Code	Certification/Credential Title	Issuing Organization/Provider	New to List	Primary Career Cluster[1]	Primary Standard Occupational Classification (SOC) Code[2]	Type (CAPE Industry Certification, CAPE Acceleration Industry Certification, CAPE Digital Tool Certificate)	Certification Version, if applicable	Weight
MICRO126	Microsoft Certified: Azure Fundamentals	Microsoft Corporation	Yes	Information Technology	15-1232	CAPE Industry Certification		0.1
MICRO128	Microsoft Certified: Power Platform Fundamentals	Microsoft Corporation	Yes	Information Technology	15-2051	CAPE Industry Certification		0.1
OEDGP001	PCAP – Certified Associate in Python Programming	OpenEDG Python Institute	Yes	Information Technology	15-1251	CAPE Industry Certification		0.2
ORACL004	Oracle Certified Associate (OCA): Java Programmer	Oracle Corporation		Information Technology	15-1251 (15-1131)	CAPE Industry Certification		0.2
ORACL005	Oracle Certified Professional (OCP): Java Programmer	Oracle Corporation		Information Technology	15-1242 (15-1141)	CAPE Industry Certification		0.1
PROSO003	Certified Internet Web (CIW) E-Commerce Specialist	Certification Partners		Information Technology	15-1254 (15-1134)	CAPE Industry Certification		0.2
PROSO006	Certified Internet Web (CIW) Database Design Specialist	Certification Partners		Information Technology	15-1243 (15-1199)	CAPE Industry Certification		0.2
PROSO017	Certified Internet Web (CIW) JavaScript Specialist	Certification Partners		Information Technology	15-1251 (15-1131)	CAPE Industry Certification	Version 2.0 or later	0.2
PROSO021	Certified Internet Web (CIW) Web Design Professional	Certification Partners		Information Technology	15-1131	CAPE Industry Certification		0.1
PROSO022	Certified Internet Web (CIW) Web Design Specialist	Certification Partners		Information Technology	15-1254 (15-1134)	CAPE Industry Certification		0.2
PROSO023	Certified Internet Web (CIW) Web Development Professional	Certification Partners		Information Technology	15-1131	CAPE Industry Certification		0.1
PROSO024	Certified Internet Web (CIW) Web Foundations Associate	Certification Partners		Information Technology	15-1254 (15-1134)	CAPE Industry Certification		0.1
PROSO025	Certified Internet Web (CIW) Web Security Associate	Certification Partners		Information Technology	15-1212 (15-1199)	CAPE Industry Certification		0.1
PROSO027	Certified Internet Web (CIW) Advanced HTML5 & CSS3 Specialist	Certification Partners		Information Technology	15-1254 (15-1134)	CAPE Industry Certification		0.2
PROSO030	Certified Internet Web (CIW) Data Analyst Specialist	Certification Partners		Information Technology	15-2031	CAPE Industry Certification		0.2
PROSO032	Certified Internet Web (CIW) User Interface Designer	Certification Partners		Information Technology	15-1254 (15-1134)	CAPE Industry Certification		0.2
UNITY001	Unity Certified Associate	Unity Technologies		Information Technology	15-1299 (15-1199)	CAPE Industry Certification		0.2
UNITY002	Unity Certified User: Programmer	Unity Technologies		Information Technology	15-1251 (15-1131)	CAPE Industry Certification		0.2
UNITY003	Unity Certified User: Artist	Unity Technologies	Yes	Information Technology	27-1014	CAPE Industry Certification		0.1
UNITY004	Unity Certified User: VR Developer	Unity Technologies	Yes	Information Technology	15-1251	CAPE Industry Certification		0.1
INTUT002	Entrepreneurship & Small Business	Intuit	Yes	Marketing, Sales & Service	11-1021	CAPE Industry Certification		0.2
INTUT003	Master Entrepreneurship Certification	Intuit	Yes	Marketing, Sales & Service	11-1021	CAPE Industry Certification		0.1

Appendix A – Potential Industry Certifications

DOE Code	Certification/Credential Title	Issuing Organization/Provider	New to List	Primary Career Cluster[1]	Primary Standard Occupational Classification (SOC) Code[2]	Type (CAPE Industry Certification, CAPE Acceleration Industry Certification, CAPE Digital Tool Certificate)	Certification Version, if applicable	Weight
PROSO031	Certified Internet Web (CIW) Social Media Strategist	Certification Partners		Marketing, Sales & Service	27-3031	CAPE Industry Certification		0.1
SALES001	Salesforce Certified Administrator	Salesforce		Marketing, Sales & Service	15-1142	CAPE Industry Certification		0.2
DIGIT802	Rapid Prototyping & 3D Design Beginner	DigitalQuest, Inc.		N/A	not applicable	CAPE Digital Tool Certificate		0.025
MICRO801	Microsoft Office Specialist: Microsoft Office Excel	Microsoft Corporation		N/A	not applicable	CAPE Digital Tool Certificate	Office 2016 or later	0.025
MICRO802	Microsoft Office Specialist: Microsoft Office Word	Microsoft Corporation		N/A	not applicable	CAPE Digital Tool Certificate	Office 2016 or later	0.025
MICRO803	Microsoft Office Specialist: Microsoft Office PowerPoint	Microsoft Corporation		N/A	not applicable	CAPE Digital Tool Certificate	Office 2016 or later	0.025
ETAIN006	Avionics Electronics Technician	Electronics Technician Association International		Transportation, Distribution & Logistics	49-2093	CAPE Industry Certification		0.1
ETAIN008	Associate Certified Electronics Technician (CETa)	Electronics Technician Association International		Transportation, Distribution & Logistics	49-2094	CAPE Industry Certification		0.2
FEDAA002	FAA Aviation Maintenance Technician - General	Federal Aviation Administration		Transportation, Distribution & Logistics	49-3011	CAPE Industry Certification		0.1
FEDAA011	FAA Private Pilot	Federal Aviation Administration		Transportation, Distribution & Logistics	53-2012	CAPE Industry Certification		0.2
FEDAA013	FAA Ground School	Federal Aviation Administration		Transportation, Distribution & Logistics	53-2022	CAPE Industry Certification		0.2
FEDAA015	FAA Ground Instructor - Basic	Federal Aviation Administration		Transportation, Distribution & Logistics	25-1194	CAPE Industry Certification		0.1
NCATT001	Aircraft Electronics Technician (AET)	National Center for Aerospace and Transportation Technologies (NCATT)		Transportation, Distribution & Logistics	49-2091	CAPE Industry Certification		0.1
NCATT003	Aerospace / Aircraft Assembly (AAA)	National Center for Aerospace and Transportation Technologies (NCATT)		Transportation, Distribution & Logistics	51-2011	CAPE Industry Certification		0.2
USINS001	Small UAS (sUAS) Safety Certification: Level 1	Unmanned Safety Institute		Transportation, Distribution & Logistics	No corresponding SOC code yet for Drone operator.	CAPE Industry Certification		0.2
USINS002	Visual Line of Sight System Operator (VSO) Ground	Unmanned Safety Institute		Transportation, Distribution & Logistics	No corresponding SOC code yet for Drone operator.	CAPE Industry Certification		0.1
FEDAA004	FAA Aviation Mechanic Technician - Airframe	Federal Aviation Administration		Transportation, Distribution & Logistics	49-3011	CAPE Acceleration Industry Certification		1.0
FEDAA010	FAA Aviation Maintenance Technician - Powerplant	Federal Aviation Administration		Transportation, Distribution & Logistics	49-9071	CAPE Acceleration Industry Certification		0.5

Appendix B: 10-Year Expenses by Source ($ in millions)

	1 FY2023	2 FY2024	3 FY2025	4 FY2026	5 FY2027	6 FY2028	7 FY2029	8 FY2030	9 FY2031	10 FY2032	TOTAL
Embry-Riddle Contributions											
7-Year replacement costs for C172 aircraft	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 5.10	$ 5.10	$ -	$ 10.20
Non-labor operational costs (e.g., parts, insurance, training, supplies, etc.)	$ 0.63	$ 2.50	$ 2.58	$ 2.65	$ 2.73	$ 2.81	$ 2.90	$ 2.99	$ 3.07	$ 3.17	$ 26.02
Tuition Waivers / Support	$ 0.38	$ 1.50	$ 3.00	$ 3.00	$ 3.00	$ 3.00	$ 2.90	$ 2.90	$ 2.90	$ 2.90	$ 25.48
Faculty & Staff - Flight Training	$ 0.90	$ 3.60	$ 3.71	$ 3.82	$ 3.93	$ 4.05	$ 4.17	$ 4.30	$ 4.43	$ 4.56	$ 37.47
Faculty & Staff - K-12 enrichment programs	$ 0.13	$ 0.25	$ 0.52	$ 0.53	$ 0.55	$ 0.56	$ 0.58	$ 0.60	$ 0.61	$ 0.63	$ 4.95
Faculty & Staff - Military transition programs	$ 0.06	$ 0.13	$ 0.26	$ 0.27	$ 0.27	$ 0.28	$ 0.29	$ 0.30	$ 0.31	$ 0.32	$ 2.48
Faculty & Staff - UAS programs	$ 0.13	$ 0.25	$ 0.52	$ 0.53	$ 0.55	$ 0.56	$ 0.58	$ 0.60	$ 0.61	$ 0.63	$ 4.95
Embry-Riddle Total	$ 2.21	$ 8.23	$ 10.57	$ 10.80	$ 11.03	$ 11.27	$ 11.42	$ 16.77	$ 17.04	$ 12.21	$ 111.55
Triumph Fund Contributions											
Short-term internal lease for C-172s while awaiting delivery	$ -	$ 0.56	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 0.56
28 Cessna C172 Aircraft (stationed at Crestview)	$ 2.79	$ 11.18	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 13.97
Site & Construction - Mixed-Use Facility	$ 12.00	$ 10.50	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 22.50
Site & Construction - Flight Ops/Maintenance Hangar	$ 3.50	$ 2.50	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 6.00
Equipment/Furnishings/Parts (simulators, vans, inventory, etc.)	$ 1.00	$ 1.75	$ 0.50	$ 0.25	$ -	$ -	$ -	$ -	$ -	$ -	$ 3.50
Tuition Waivers (NWFSC - ERAU 2+2)	$ 0.30	$ 0.30	$ 0.60	$ 0.60	$ 0.30	$ 0.30	$ -	$ -	$ -	$ -	$ 2.40
Flight Fee Waivers for Local Students	$ -	$ 0.45	$ 0.45	$ 0.45	$ 0.45	$ 0.45	$ 0.45	$ 0.45	$ 0.45	$ 0.45	$ 4.05
Triumph Fund Total	$ 19.59	$ 27.24	$ 1.55	$ 1.30	$ 0.75	$ 0.75	$ 0.45	$ 0.45	$ 0.45	$ 0.45	$ 52.98

△ DELTA ✈

John Laughter
Executive Vice President &
Chief of Operations

May 27, 2022

Triumph Gulf Coast, Inc.
  Trust Fund
Application for Funds
P.O. Box 12007
Tallahassee, Florida 32317

Dear Triumph Gulf Coast Board of Directors:

Delta Air Lines serves more destinations in Florida than any other carrier and has over 2,600 employees based in the state. On peak days we fly 250 flights in/out of the state with close to 26,000 seats. Therefore, Delta fully supports Embry-Riddle Aeronautical University's proposal to establish a campus at the Bob Sikes Airport in Crestview, Florida (Okaloosa County).

Delta and Embry-Riddle have a strong and productive relationship. Embry-Riddle is home to a successful partnership with Delta through the Propel program which is a unique program that provides a career path for their students to become Delta pilots in as little as 42 months after graduation.

Aviation leaders in Florida, and across the country, are facing a serious bottleneck of pilots and aviation maintenance technicians entering the workforce. In North America alone, one projection suggests the industry will need 130,000 new pilots and 132,000 maintenance professionals in the next two decades. Delta Air Lines looks to Embry-Riddle – a global leader in aviation and aerospace higher education – to produce exceptionally trained pilots and maintenance technicians who are well-prepared to become leaders in our industry.

We will continue to depend upon Embry-Riddle as a source of top talent in the coming years. Furthermore, we believe that graduates who are from Okaloosa County and the panhandle region and want to live and work in the region would make outstanding candidates for employment with our company. Our pilots often commute to their base of operations, and we already serve this area, making it an attractive opportunity for these new pilots. Embry-Riddle's commitment to enriching and expanding the aviation workforce would help us recruit the most highly qualified applicants across the entire talent pool, including men and women as well as veterans, transitioning military members, and their families.

Thank you for your thoughtful consideration of this request. We urge you to give Embry-Riddle's application the highest consideration.

Sincerely,

Delta Air Lines, Inc., Post Office Box 20706, Atlanta, GA 30320-6001, U.S.A.

spirit

May 17, 2022

Triumph Gulf Coast, Inc.
Trust Fund
Application for Funds
P.O. Box 12007
Tallahassee, Florida 32317

Triumph Gulf Coast Board of Directors:

As Florida's Hometown Airline, and the only major airline with a headquarters in the state, we support Embry-Riddle Aeronautical University's proposal to establish a campus at the Bob Sikes Airport in Crestview, Florida (Okaloosa County).

Our industry is growing fast, and it's important to invest now in developing talent to serve future generations of travelers. One projection shows that the industry will need some 130,000 new pilots and 132,000 maintenance professionals between 2021 and 2040. Our company looks to Embry-Riddle – a global leader in aviation and aerospace higher education – to produce exceptionally trained pilots and maintenance technicians who are well-prepared to become leaders in our industry.

We will continue to depend upon Embry-Riddle as a source of top talent. Furthermore, we believe that graduates who are from Okaloosa County and the panhandle region and want to live and work in the region would be outstanding candidates for employment with Spirit Airlines; our pilots often commute to their base of operations, and we already serve this area. Embry-Riddle's commitment to enriching and expanding the aviation workforce would help us recruit the most highly qualified applicants across the entire talent pool, including men and women as well as veterans, transitioning military members, and their families. Thank you for your consideration of Embry-Riddle's new campus in Okaloosa County, which we fully support.

Sincerely,

John Bendoraitis
Executive Vice President and Chief Operating Officer
Spirit Airlines

2800 Executive Way, Miramar, FL 33025 | Spirit.com

Republic Airways

May 18, 2022

Triumph Gulf Coast, Inc.
  Trust Fund
Application for Funds
P.O. Box 12007
Tallahassee, Florida 32317

Triumph Gulf Coast Board of Directors:

As a premier airline with service to cities in Florida's Panhandle region, we support Embry-Riddle Aeronautical University's proposal to establish a campus at the Bob Sikes Airport in Crestview, Florida (Okaloosa County).

Aviation leaders in Florida and elsewhere are facing a serious shortage of pilots and aviation maintenance technicians. In North American alone, one projection suggests, the industry will need some 130,000 new pilots and 132,000 maintenance professionals between 2021 and 2040. Our company looks to Embry-Riddle – a global leader in aviation and aerospace higher education – to produce exceptionally trained pilots and maintenance technicians who are well-prepared to become leaders in our industry.

We will continue to depend upon Embry-Riddle as a source of top talent. Furthermore, we believe that graduates who are from Okaloosa County and the panhandle region and want to live and work in the region would be outstanding candidates for employment with our company; our pilots often commute to their base of operations, and we already serve this area. Embry-Riddle's commitment to enriching and expanding the aviation workforce would help us recruit the most highly qualified applicants across the entire talent pool, including men and women as well as veterans, transitioning military members, and their families. Thank you for your consideration of Embry-Riddle's new campus in Okaloosa County, which we fully support.

Sincerely,

Michael Dee
Managing Director, Flight Operations
Republic Airways
mdee@rjet.com

Addendum for Infrastructure Proposals

1. **Program Requirements**

   A. **Is the infrastructure owned by the public?**
      ☐ Yes   ■ No

   B. **Is the infrastructure for public use or does it predominately benefit the public?**
      ☒ Yes   ■ No

   C. **Will the public infrastructure improvements be for the exclusive benefit of any single company, corporation or business entity?**
      ☐ Yes   ■ No

   D. **Provide a detailed explanation of how the public infrastructure improvements will connect to a broader economic development vision for the community and benefit additional current and future businesses.**

      The proposed project includes the construction of a multi-use facility and a maintenance hangar. Both infrastructure items are required for the operation of the proposed program.

   E. **Provide a detailed description of, and quantitative evidence demonstrating how the proposed public infrastructure project will promote:**
      - Economic recovery,
      - Economic Diversification,
      - Enhancement of the disproportionately affected counties,
      - Enhancement of a Targeted Industry.

      Demand for professional pilots and other aerospace professionals (e.g., airframe and power plan mechanics) is projected to exceed the supply for the foreseeable future. By producing highly qualified and sought-after Embry-Riddle graduates in Northwest Florida, the University will enhance the local economy and allow it to compete for aerospace business growth. An Embry-Riddle presence in Okaloosa County and many of the smaller airports across the Florida Panhandle will increase airport usage statistics, resulting in higher Federal investments in airport infrastructure, while graduates who will strengthen the region's overall economy after they start their professional piloting careers. In addition to providing career-focused educational opportunities for traditional high school graduates, a military career-transition program will be offered for military personnel transitioning out of the service from local bases. Programs will also be available to the spouses and dependents of military personnel stationed within the eight-county area.

2. **Additional Information**

    A.   Is this project an expansion of existing infrastructure
        ☐ project? Y ■   No

    B.   **Provide the proposed beginning commencement date and number of days required to complete construction of the infrastructure project.**

Mixed-use facility:	Start date: 3 months after contract signed
	Months to complete date: 24 months
Hangar:	Start date: 3 months after contract signed
	Months to complete date: 12 months

    C.   **What is the location of the public infrastructure? (Provide the road number, if applicable.)**

        Bob Sikes Airport, Crestview, FL

    D.   **Who is responsible for maintenance and upkeep?**

        Embry-Riddle Aeronautical University

    E.   **What permits are necessary for the infrastructure project?**
        Detail whether required permits have been secured, and if not, detail the timeline for securing these permits. Additionally, if any required permits are local permits, will these permits be prioritized?

        Unknown at this time

    F.   **What is the future land use and zoning designation on the proposed site of the Infrastructure improvement, and will the improvements conform to those uses?**

        Unknown

    G.   **Will an amendment to the local comprehensive plan or a development order be required on the site of the proposed project or on adjacent property to accommodate the infrastructure and potential current or future job creation opportunities? If yes, please detail the timeline**
        ☐   Yes   ■   No

    H.   **Does this project have a local match amount? If yes, please describe the entity providing the match and the amount.**
        ☐   Yes   ■   No

Addendum for Workforce Training Proposals

1.   Program Requirements

A.   **Will this proposal support a program that prepares students for future occupations and careers at K-20 institutions that have campuses in the disproportionately affected counties? If yes, please identify where the campuses are located and provide details on how the proposed programs will prepare students for future occupations and at which K-20 institutions that programs will be provided.**
■ Yes   ☐ No

K-12 students enrolled in the Embry-Riddle programs will be well prepared to enroll in any advanced aviation and technology programs offered in the affected counties.

B.   **Will the proposed program (check all that apply)?**
■ Increase students' technology skills and knowledge
■ Encourage industry certifications
☐ Provide rigorous, alterative pathways for students to meet high school graduation requirements
■ Strengthen career readiness initiatives
☐ Fund high-demand programs of emphasis at the bachelor's and master's level designated by the Board of Governors
☐ Encourage students with interest or aptitude for science, technology, engineering, mathematics, and medical disciplines to pursue postsecondary education at a state university or a Florida College System institution within the disproportionately affected counties (similar to or the same as talent retention programs created by the Chancellor of the State University System and the Commission on Education)

Embry-Riddle will offer K-12 aviation-aerospace enrichment programming to students from all eight affected counties. This curriculum covers areas in high-demand job fields such as aviation cybersecurity and data analytics. The programs bring prospective students and their families to the airport for events that will introduce them to employment opportunities in aviation and related disciplines. Embry-Riddle will also offer a summer flight intensive program, coupled with dual-enrollment courses, to select high school students from the area.

C.   Will this proposal provide participants in the disproportionately affected counties with transferable, sustainable workforce skills but not confined to a single employer? If yes, please provide details.
■ Yes   ☐ No

Demand for professional pilots and other aerospace professionals is projected to

exceed the supply for the foreseeable future. By producing highly qualified and sought-after Embry-Riddle graduates in Northwest Florida, the University will enhance the local economy and allow it to compete for aerospace business growth. In addition to providing career-focused educational opportunities for traditional high school graduates, a military career-transition program will be offered for military personnel transitioning out of the service from local bases.

D. **Identify the disproportionately affected counties where the proposed programs will operate or provide participants with workforce skills.**

Embry-Riddle's program will be located at Bob Sikes Airport in Okaloosa County. For recent high-school graduates (includes public, private, home school and virtual school) from the region's eight disproportionately affected counties, the University in partnership with funding from the Triumph Fund will offer flexible and cost-effective opportunities (i.e., high return on investment) with generous tuition waivers to attend, and graduate from, Embry-Riddle by taking a portion of their coursework at the Okaloosa County Campus (e.g., 2+2 programs).

E. **Provide a detailed description of, and quantitative evidence demonstrating how the proposed project or program will promote:**
    o Economic recovery,
    o Economic Diversification,
    o Enhancement of the disproportionately affected counties,
    o Enhancement of a Targeted Industry.

Embry-Riddle proposes to bring its premier educational programs to Okaloosa County, thereby providing significant opportunities for the region's citizens to pursue high-paying, aviation-focused jobs. A new Embry-Riddle campus in Okaloosa County would include the University's unparalleled professional flight training and accompanying course work, an Embry-Riddle Mixed Use facility to support 150 students and staff, a fleet of Embry-Riddle aircraft and flight simulators, aircraft maintainers, instructor pilots, and advanced unmanned aerial systems (UAS) training.

Embry-Riddle's presence in Okaloosa County will also provide K-12 learning enrichment opportunities as well as tuition waiver opportunities for students from all eight of the area's disproportionately affected counties. The Embry-Riddle Campus in Okaloosa County complements investments already made by the Triumph Fund to support economic growth in the aviation sector while promoting local students' interest in high-paying science and technology careers

2. **Additional Information**

A. **Is this an expansion of an existing training program? Is yes, describe how the proposed program will enhance or improve the existing program and how**

the proposal program will supplements but not supplant existing funding sources.

■ Yes ☐ No

The proposed program at Bob Sikes Airport in Okaloosa County is an expansion of a program offered at Embry-Riddle's main campus in Daytona Beach.

B. **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) where the training will be available.**

Training will be delivered i) in classrooms and flight simulators located in the mixed-use facility. In addition, all flight training will occur in the C-172 aircraft provided by Embry-Riddle and stationed at the local Okaloosa campus.

C. **Identify the number of anticipated enrolled students and completers.**

Anticipated enrollment is 120 students per year for flight training plus students for various camps and other enrichment programs.

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

Students enrolled in the intensive flight program will spend one semester at the Bob Sikes facility. K-12 enrichment programs will typically be one day to one week in length and will be structured around summer sessions or other breaks in their high school schedule. Students enrolling through Worldwide programs could complete their entire certificate or degree program through the Okaloosa campus and online.

E. **Describe the plan to support the sustainability of the proposed program.**

Support from the Triumph Fund is largely to cover significant start-up costs for the Embry-Riddle Aeronautical University Campus in Okaloosa County. Long-term operational expenses will be covered through tuition and flight fees.

F. **Identify any certifications, degrees, etc. that will result from the completion of the program.**

B.S. in Aeronautical Science
B.S. in Aeronautics
A.S. in Aviation Maintenance Science
B.S. in Aviation Maintenance Science
B.S. in Unmanned Systems Applications

Over 65 additional degrees and certificates available through ERAU's Worldwide

campus

Many of ERAU's degrees and certificates including the ones above involve industry certifications. For example, the typical student graduating with a B.S. in aeronautics would receive five to ten industry (FAA) certifications from the following list:
- Ground School
- Ground Instructor
- Private Pilot
- Commercial Pilot
- Instrument Rating
- Multi-Engine (ME
- Commercial Flight Instructor (CFI)
- CFI – Instrument
- CFI – MEI
- Airline Transport Pilot
- Airline Dispatcher

The A.S. in Aviation Management Science would include at least two certifications – Airframe and Powerplant Maintenance

In addition, the curricular content while pursuing these, and many ERAU degrees and certificates (e.g., safety) would qualify them for additional industry certifications should they choose to do so.

Finally, many of the military transition and K-12 programs could lead to industry certifications.

G. **Does this project have a local match amount? If yes, please describe the entity providing the match and the amount.**
   ☐   Yes   ■   No

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

No additional information.

Signatures

I, the undersigned, do hereby certify that I have express authority to sign this proposal on my behalf or on behalf of the above-described entity, organization, or governmental entity:

Name of Applicant: Embry-Riddle Aeronautical University

Name and Title of Authorized Representative: P. Barry Butler

Representative Signature:

Signature Date: June 9, 2022