



FY 2024 Aviation Education & Workforce Development Grant Awards

AIMS Community College (AIMS CC) - \$95,000 program cost, \$50,000 State, \$45,000 local

The Aims UAS program is seeking funds to update its current fleet to stay current and ahead of current and future industry standards. The new UAS fleet acquisition will provide greater student accessibility and opportunity in the fields of film, construction, inspection, and precision agriculture.

Colorado Northwest Community College - \$165,000 program cost, \$85,500 State, \$79,500 local

Colorado Northwestern Community College (CNCC) is a two-year community college located in rural northwestern Colorado and has had a flight training program since the mid- 1960's and carries Part 141 certificated status by the Federal Aviation Administration (FAA). The request is for purchase a new crew-resource management (CRM) simulator for student use.

Colorado Pilots Association - \$11,000 program cost, \$9,900 State, \$1,100 local

The Colorado Pilots Association has been presenting a mountain flying course since 1991. Since the beginning, they have trained over 2000 pilots to be safe when flying in the Colorado mountains by providing superior ground and flight training and recurrent training for beginning mountain pilots. The request for is for funding technology upgrades including laptop computers and a projector.

Colorado State University Drone Program - \$64,444 program cost, \$58,000 State \$6,444 local

The Colorado State University Drone Center proposes the collaborative purchase of two advanced UAV systems with thermal / infrared, lidar, and daylight camera sensors. These aircraft will be used to train first responders in the utilization of advanced UAV technology to respond to public safety emergencies, natural disasters, missing persons, fires, and tactical incidents more effectively.

District 11 CTE Aviation Pathways Program - \$100,000 program cost, \$90,000 State, \$10,000 local

D11 Aviation CTE is a four-year-old program serving inner-city, low-income high school students in Colorado Springs. It began in 2019 offering UAS Part 107 licensing curriculum and FAA test preparation to over 150 students annually. It has grown to offer drone licensing, drone flight training, manned flight simulation training and in-aircraft experiences. The course also offers academic and hands-on training in aircraft construction by means of a RANS S-21 kit aircraft being built by students in the classroom. Funding is requested for aircraft engine, instrumentation, or avionics to complete the RANS S-21 for a full aircraft maintenance program.

Eagle Young Aviators - \$16,914 program cost, \$11,514 state, \$5,400 local

The Eagle Young Aviators Program and its parent 501(c)(3) tax-exempt charitable organization, Pacific Policy Research, created in November of 1986, has been providing technology learning adventures in the academic disciplines of Aerodynamics and Computer Science for thirty-five years. They are requesting funding for a one time purchase of a Redbird TD2-S Flight Simulator with table, horizontal side monitors and shipping costs. The simulator will permit logbook entry pilot training for the high school students during non-flyable weather days. It will also allow perpetual funding for the program by offering fee-based use to the certificated pilots based at Eagle County Regional Airport.

Legacy High School - \$1,100 program cost, \$990 State, \$110 local

The award winning Aeronautics class is an overview of the skills and knowledge needed to earn a private pilot license. The objectives for the class are to introduce the students to the career opportunities in aviation and to learn the skills and knowledge necessary to earn a Private Pilot Certificate. The goal is for the student to obtain a Private Pilot Certificate and/or a Part 107 Drone Certification. The request is for 34 E6B Flight Computers and 34 micro plotters.

Mancos School District - \$33,675 requested, \$18,000 State, \$15,675 local

The district's goal with the Drone Pathway Program is for underserved students to be immediately employable upon graduation, having attained the skills and abilities during their time in the program to apply toward a career or a university degree. The requested funding is for licensing and drone equipment.

Metro State University of Denver - \$199,000 program cost, \$109,000 State, \$90,000 local

The request is for funding to create a dedicated Virtual reality (VR) laboratory for multiple activities, including (1) flight training and aircraft system familiarization, (2) uncrewed aerospace systems (UAS) pilot training and UAS system familiarization and (3) aerospace system familiarization.

Pueblo Community College - \$60,000 requested, \$30,600 State, \$29,400 local

The proposed project "Engineering New Heights in Drone Technology" will create new collaborative course opportunities for students of Pueblo Community College Southwest (PCC SW). The request is to fund a project that will utilize the strengths of the PCC SW Drone Program and the PCC SW STEM program to create a curriculum that makes the relationship between drones, technology, engineering, and aviation careers explicit. The funding is also requested for drone equipment, specifically fixed-wing drones.

Sargent High School - \$18,907 program cost, \$17,017 State, \$1,890 local

Sargent High School Aviation program utilizes the AOPA High School Aviation STEM curriculum and are hoping to build upon the desired learning outcomes to acquire working knowledge and skills to pass FAA and/or private industry requirements for flight training, maintenance, or other aviation/aerospace career paths. The request is for funding of mobile tablets with access to aviation applications such as: Foreflight. Aviation Weather, FAA support sites, Aviation safety Institute and numerous online flight training apps.

St Vrain Innovation Center - \$66,000 program cost, \$59,400 State, \$6,600 local

The Innovation Center of St. Vrain Valley Schools provides hand-on, career-connected, and cutting-edge STEAM education. With a focus on industry mentorship, work-based learning, and hands-on application, students an immediately enter the workforce or enter aviation related postsecondary programs. Request is funding for the purchase of a LiDAR drone to enhance the UAS pathway.

More information can be found at Colorado-Aeronautics.org.



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