

# Ethan Collins

West Columbia, SC 29172 | 803-497-7245

[Ethanjcollins@student.midlandstech.edu](mailto:Ethanjcollins@student.midlandstech.edu)

## Aviator

### Safety-oriented team member

Experienced with a safety focus. Extensive experience in training and collaborating as a team. Highly experienced in procedural and federal regulatory compliance. A gentle leader with a strong record of problem solving and planning complex tasks in high stress environments. An effective communicator during training and team collaboration. Strong work ethic and safety/security consciousness with a pristine safety and efficiency record.

- Planning
- Training
- Troubleshooting
- Procedural Compliance
- Team Collaboration

---

## PROFESSIONAL EXPERIENCE

---

**South East Aerial Systems, West Columbia, SC**

Current

### *Accountable Manager/ Systems Designer*

- Lead end-to-end development of bespoke unmanned aerial systems tailored to commercial and municipal customers.
- Coordinate with local communities to deploy UAS solutions that alleviate logistical gaps in medical, agricultural, and emergency response operations.
- Develop a scalable vertiport network for the Greater Columbia area to support future advanced air mobility corridors.
- Oversee regulatory compliance, fleet readiness, and safety management systems for all UAS missions.

**South Carolina Avionics Services, Sumter, SC**

2023 - 2025

### *Aircraft Maintenance Technician*

- Assist with annual and 100 hour inspections on GA aircraft
- Assist electrical engineer in wiring diagram construction

**Boutique Air, Denver, CO**

November 2019 – January 2021

### *Pilatus PC-12-45/47 Captain*

- Captain for the fastest growing small airline in the United States during the pandemic
- Came to work an extra two hours early to ensure efficient departure time
- Demonstrated quick problem-solving skills when searching for lost airplane
- Trained, evaluated, and recommended two subordinates for promotions

Collaborated as a team with the company, vendors, and federal agencies to ensure safe on time flights

**Sunrise Flight Academy/Upper Limit Aviation, Ormond Beach, FL/ Salt Lake City, UT** December 2018 – January 2020

### *Instrument Flight Instructor*

- Full time advanced flight instructor teaching private, instrument, and commercial pilot certificates.

# Ethan Jeffrey Collins

Page Two of Two

- Problem solved teaching techniques for poorly performing students from earlier instructors. 100% pass rate
- Trained nonnative English speakers in complex radio communications.
- Ensured all training followed federal aviation regulations and entrusted with vital records such as passports and drivers' licenses.
- Collaborated as a team with a rural community leaders to start an aerospace outreach program

**Greenville Aviation Flight School**, Greenville, SC

March 2018 – December 2019

***Flight Instructor***

- Contacted former students and regained at least 5 students who completed their training
- 100% pass rate for written and practical flight exams for students
- Flew low altitude aerial photography flights for Greenville and Laurens County tax assessor offices

**Eagle Aviation**, Columbia, SC

January 2015 – August 2016

***Airline Fueler***

- Trained in fueling all plane types CRJ 200/700/900, ERJ 145/175, Boeing 757/767, Airbus A-300 etc.
- Entrusted in driving and using 5000-10000-gal fuel trucks with single point fueling systems
- Demonstrated problem solving with removing broken planes on runway
- Coordinated as a team with Delta, American, and United Airlines to ensure proper fuel delivery

**South Carolina Avionics Services**, Orangeburg, SC

August 2012 – January 2015

***Avionics Technician Trainee***

- Avionics technician responsible for publishing integration diagrams of complex electronics
- Received a commendation from a space shuttle engineer about the quality of wire harnesses
- Skilled in wiring Garmin, Avidyne, Lynx, Bendix King avionics
- Became the primary designer of avionics integration diagrams for work orders

---

## EDUCATION & ADDITIONAL EXPERIENCE

---

**US Aeroflight**, Greenville, SC

2016 – March 2018

***FAA Commercial and Certified Flight Instructor Ratings***

- Passed Flight Instructor flight exam on first attempt
- FAA Commercial ASEL, AMEL, IFR rating, CFI, CFII, BGI certificates
- FCC Restricted Radio Telephone Operator Permit

| Total Flight Time | IMC Time | Night Time | Dual Time | Multi Engine |
|-------------------|----------|------------|-----------|--------------|
| 1833.7            | 244.7    | 190.3      | 826.3     | 53.7         |

**Midlands Technical College**, West Columbia, SC

August-September 2024

***South Carolina Commercial Driver's License A and Medical Certificate***

- Passed practical test first time and no restrictions on medical certificate

***Associate in applied sciences- AAS Aerospace Engineering***

August, 2026

- Lunar regolith concrete project made it past first selection
- The National Society of Leadership and Success –

**University of North Dakota, Online**

***School of Mines and Engineering Bachelors Degree in Aerospace Engineering***

2024

2025 – Present

August 2026-2028