

AABIInternational

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| LIBERTY UNIVERSITY SCHOOL of AERONAUTICS | LIBERTY UNIVERSITY |
| | SCHOOL OF AERONAUTICS |
| September 19, 2024 | B.S. AERONAUTICS: COMMERCIAL CORPORATE & B.S. AERONAUTICS: GLOBAL STUDIES |
| Compliance with AABI Policy 3.2.4 | STUDENT ACHIEVEMENT DATA |

Liberty University School of Aeronautics Pillars:

- Spiritual Development
- Student Success
- Student Experience

Our Vision: Advance the Great Commission by developing and training aerospace professionals through a distinctive Christian education

Our Mission: Equip, Mentor, and Send Champions for Christ into the Aerospace Community

1. Program educational goals: LUSOA

- **Create graduates with technical competence:** Through a combination of both classroom and flight training, Commercial/Corporate and Global Studies majors will acquire the following certificates and ratings during their degree program: FAA Airplane Pilot ratings for Private, Instrument, and Commercial Single and Multi-Engine Land. Through elective course options, students may also achieve Certified Flight Instructor certificate, Certified Flight Instructor - Instrument and Multi-Engine Instructor certificates.
 - All graduates of the Commercial/Corporate program are required to complete FAA Private, Instrument, and Commercial Single/Multi-Engine Land. One way we measure our technical competence goal (completion of required FAA certificates) is through graduation.
- **Prepare men and women of character:** The purpose of the Commercial/Corporate degree program is to prepare men and women to become exceptional aviators who possess outstanding knowledge, excellent technical skills, sound judgment, professionalism, leadership, and strong Christian character.
 - In order to be eligible for graduation, all Liberty University students are required to complete an average of 20 hours of supervised service each semester. One way we measure our character goal is by tracking Christian Service during each Fall semester.

2. Program Assessment Measures: Commercial/Corporate and Global Studies

In addition to the above specific measures, we assess program effectiveness in three general ways:

- Institutional Effectiveness and Research (Documented processes with evidence archives)
- Strategic Planning (Culture of continuous evaluation, review, improvement)
- Course Assessment Review Process (Stems from program learning outcomes)

LUSOA Commercial/Corporate and Global Studies: Learning Outcomes

- Apply biblical principles within the professional aviation environment.
- Apply science, technology, and mathematics to aeronautics disciplines.
- Promote a healthy organization safety culture in aviation
- Assimilate the healthy lifestyle required to meet the unique physical and cognitive demands of an aviation career.
- Apply written and oral communication skills as they pertain to the aviation industry.
- Mentor others in leadership skills and qualities as it relates to aviation.

Commercial/Corporate concentration:

- Apply policies, regulations, and procedures to commercial/corporate flight operations.

Global Studies concentration:

- Apply policies, regulations, and procedures to humanitarian flight operations.

Liberty University Institutional Effectiveness and Research information

<https://www.liberty.edu/institutional-effectiveness/student-achievement/fall-2023-student-achievement/>

SOA conducts program assessment activities in a culture of continuous improvement:

- Comprehensive Assessment Plan on file with the Liberty University Office of Institutional Effectiveness and Research (working document updated periodically)
- Assessment of each course by Residential faculty, documented in Course Assessment Reports (CAR) filed in Dropbox
- Liberty University's Office of Institutional Effectiveness and Research leads a comprehensive assessment process documented in Chalk and Wire and managed by the designated SOA IER representative
- SOA's Dean conducts quarterly goals meetings

- SOA's Associate Dean hosts bi-weekly meetings with faculty and leadership to discuss curriculum, teaching, goals, assessment, and other priorities
- Semi-Annual Industry Advisory Board meetings
- Semi-Annual SOA administrators' review of student end-of-course surveys

Additional Program Assessment Measures

Procedures used to assure students meet all program requirements include:

- Incoming students take Math and English placement tests
- FAA medical certificate required for all flight course students
- Students complete courses in applicable DCP; monitored by advisors; tracked by ASIST (Automated Student Information Services Tool) tool
- Students must pass 100-200 level courses with a D grade or higher
- Students must pass 300-400 level courses with a C grade or higher

Annual Assessment Day

Likert scale surveys sent to first year SOA students and SOA Jr Sr classifications students built from questions used in the focus groups.

For each group, fifteen students are randomly selected and invited to attend the focus group discussion session.

- **First Year Students Focus Group** (*Focus group forum limited to one hour.*)
 - Focus group composed of 10 to 20 first year students sampled from any student who has taken AVIA 102 in the 2021 Fall or 2023 Spring semester.
- **Upper Classmen Focus Group** (*Focus group forum limited to one hour.*)
 - Focus group composed of 10 to 20 upper classmen sampled from AVIA 460, AVIA 461 or AVIA 491.

3. Graduation (Commercial Corporate and Global Studies)

Similar to how the Integrated Post-Secondary Education Data System (IPEDS) uses a 150% of the normal time graduation rate, Liberty University chose to use this time period to measure cohort graduation rates. Unlike the standard IPEDS graduation rate, Liberty University includes transfer students along with first-time students in the cohorts. The graduation rates reported below are based on 150% of the time to complete a four-year degree (six years) and includes transfer students along with first-time students. The years on the chart are the beginning cohort years. For instance, the Fall 2018 cohort is reporting their six-year graduation rate in 2024.

Graduation Rates, Fall 2017 cohort

| | | | |
|--|-------------------------------|----------------------|------------------------|
| | Fall 2018 First time Students | Graduated in 6 years | 6-year Graduation Rate |
|--|-------------------------------|----------------------|------------------------|

| | | | |
|---|----|----|--------|
| B.S. Aeronautics: Commercial Corporate | 96 | 65 | 68.42% |
| B.S. Aeronautics: Global Studies | 1 | 1 | 100% |

Degrees Awarded

| | | | |
|---|--------------|--------------|--------------|
| | AY 2021-2022 | AY 2022-2023 | AY 2023-2024 |
| B.S. Aeronautics: Commercial Corporate | 58 | 50 | 70 |
| B.S. Aeronautics: Global Studies | 2 | 7 | 0 |

Retention Rate, All Residential Students

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|---|--------|-----------|----------|----------------|
| | Cohort | Graduates | Retained | Retention Rate |
| B.S. Aeronautics: Commercial Corporate | 433 | 61 | 323 | 87% |
| B.S. Aeronautics: Global Studies | 1 | 0 | 1 | 100% |

Retention Rate, First-time Freshman and Transfers

| | | | | |
|---|--------|-----------|----------|----------------|
| | Cohort | Graduates | Retained | Retention Rate |
| B.S. Aeronautics: Commercial Corporate | 153 | 0 | 134 | 88% |
| B.S. Aeronautics: Global Studies | 1 | 0 | 1 | 100% |

Fall Headcount Enrollment

| | |
|---|-----------|
| | Fall 2024 |
| B.S. Aeronautics: Commercial Corporate | 518 |
| B.S. Aeronautics: Global Studies | 7 |

4. Rates and Types of Employment of Graduates (2018-2023)

Annual Alumni Survey

Liberty University's annual Alumni Survey is conducted each Fall semester. Alumni from the most recent academic year as well as 5, 10, and 20-year cohorts are invited to participate. Survey content is developed to align with reporting needs for both regional and programmatic accreditors, and national surveys. The survey contains both a core and department-specific sections of questions. The survey core includes questions regarding gainful employment, skill

preparation, and overall satisfaction with the school. Academic departments include items for their graduates in the department-specific sections. Feedback is used to inform improvement efforts and for accreditation reporting needs.

| | Survey Year (cohort) | | | | |
|---------------------------------------|----------------------|-----------------|-----------------|-----------------|-----------------|
| Comm Corp/Global Studies | 2019 (18/19) | 2020 (19/20) | 2021 (20/21) | 2022 (21/22) | 2023 (22/23) |
| Survey Respondent (n) | 12 | 9 | 7 | 13 | 7 |
| Employed/Placed (n) | 11 | 6 | 6 | 13 | 7 |
| Job Directly or Somewhat Relevant (n) | 9 | 6 | 2 | 12 | 5 |

Employed/placed includes alumni who reported the following: full-time or part-time employment, military, self-employed, or placement in mission or volunteer services. It excludes the following: retired, continuing education, other, no answer, and caring for home/family.

Employers and Job Titles:

Items will note count when greater than one, note some survey respondents did not report their job titles

- Aero Atlanta Flight Center (2018, 2022)
 - Certified Flight Instructor
- Allied Universal Security (2022)
 - Airlines Operations Officer
- American Flyers (2019)
 - Certified Flight Instructor
- Anvoy Airlines (2019)
 - Pilot
- Aspen Flying Club (2023)
 - Flight Instructor
- Charlottesville Flight Center (2022)
- Darcy Aviation (2021)
 - Certified Flying Instructor
- Davidson Flight Academy (2022)
- Door Dash (2021)
 - Driver
- Eagles Flight Nest Services (2016, 2020)
 - Certified Flight Instructor
- Land Care Aviation (2019)
 - Pilot
- Liberty University (2018, 2019, 2022, 2023)
 - Admissions Consultant
 - Associate Director of Special Programs
 - Certified Flight Instructor
 - Range Safety Officer
- Premier Flight Center (2020)
 - Certified Flight Instructor
- Roanoke Airport (2022)

- Security Professional
- Shannon Airport (2022)
 - Senior Flight Instructor
- Smith Mountain Lake Aviation (2017, 2020)
 - Certified Flight Instructor
- United States Airforce (2020)
 - Airfield Manager

Types of Employment:

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|------------------------|--------------------------------|
| Aviation Management | Material or Equipment Supplier |
| Military Officer Pilot | Manufacturing |
| Safety | Pilot /Flight Instructor |