


AABI International

	<p style="text-align: center;">LIBERTY UNIVERSITY</p>
	<p style="text-align: center;">SCHOOL OF AERONAUTICS</p>
	<p style="text-align: center;">B.S. AERONAUTICS, COMMERCIAL/CORPORATE & GLOBAL STUDIES CONCENTRATION</p>
<p>November 30, 2021</p>	<p style="text-align: center;">STUDENT ACHIEVEMENT DATA</p>

Liberty University School of Aeronautics Pillars:

- Ensuring a world-class aeronautics experience
- Practicing stewardship to provide exceptional value to our student
- Training champions for Christ to change the world

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 Commercial/Corporate and Global Studies

- **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. See our results in section 3 below.
- **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. See our results in section 3 below.

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 (Documented processes with evidence archives)
- Strategic Planning (Culture of continuous evaluation, review, and 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 of 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 information: <https://www.liberty.edu/institutional-effectiveness/smart-numbers/fall-2020-smart-numbers/>

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

- Comprehensive Assessment Plan on file with the Liberty University Office of Institutional Effectiveness (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 leads a comprehensive assessment process documented in Chalk and Wire and managed by the designated SOA IE representative
- SOA's Dean conducts semi-annual strategic planning sessions and monthly meetings to review and update LUSOA's goals for each program and department
- SOA's Dean hosts bi-weekly Chair and Deans' council meetings.
- SOA's Associate Dean hosts 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
- Annual Associate Dean Goals Report - Completed at end of academic year

Additional Program Assessment Measures

Procedures used to assure students meet all program requirements include:

- Incoming students take Math and English placement tests
- Required FAA medical certificates 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, built from questions used in the focus groups, were sent to first-year SOA students, and SOA Junior and Senior classification students.

For each group, fifteen students were 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 comprised of 10 to 20 first year students sampled from any student who has taken AVIA 102 in the 2020 Fall or 2021 Spring semester.
- **Upper Classmen Focus Group** (*Focus group forum limited to one hour.*)
 - Focus group comprised of 10 to 20 upper classmen sampled from AVIA 460 or AVIA 491.

3. Graduation and Christian Service (Comm/Corp & Global Studies)

Integrated Post-Secondary Education Data System (IPEDS) is a system of interrelated surveys conducted annually by the U.S. Department's National Center for Education Statistics (NCES). IPEDS gathers information from every college, university, and technical and vocational institution that participates in the federal student financial aid programs. Liberty University's overall graduation rates can be found at the NCES webpage. The graduation rates are based on 150% of the time to complete a four-year degree (six years).

Graduation: Commercial Corporate/Global Studies Program graduates by year:

Year	Fall 2015	Fall 2014	Fall 2013	Fall 2012	Fall 2011	Fall 2010	Fall 2009
Comm/Corp & Global Studies	63%	49%	70%	56%	57%	55%	60%
All School of Aeronautics	66%	53%	69%	63%	54%	52%	60%

During Fall 2021, the School of Aeronautics adopted a goal to measure completion of Christian Service (CSER) during each fall semester. Analysis of student participation in CSER among students in the Commercial/ Corporate and Global Studies Programs is as follows. COVID 19 appears to have impacted completion rates. We will continue to monitor.

Note: Overall measures include all *residential* Aeronautics students:

Christian Service: All Residential Aeronautics Students compared with Commercial/Corporate and Global Studies Program Students

Year	Aeronautics Majors	CSER Completed	Rate	Comm/Corp & Global Studies	CSER Completed	Rate
Fall 2021	615	pending	-	343	pending	-
Fall 2020	523	218	42%	341	141	33%
Fall 2019	464	297	64%	307	177	58%
Fall 2018	415	252	61%	276	162	59%

4. Rates and Types of Employment of Graduates (2016-2020)

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, as well as national surveys. The survey contains both a core and department-specific section 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.

Commercial/Corp & Global Studies	Survey Year (cohort)				
	2016 (16*)	2017 (16/17)	2018 (17/18)	2019 (18/19)	2020 (19/20)
Survey Respondent (n)	16	21	13	12	9
Employed/Placed (n)	13	18	13	11	6
Job Directly or Somewhat Relevant (n)	6	11	12	9	6

**In 2017 we began sending the alumni survey to the academic year cohorts, thus 2016 has only those who graduated in Spring 2016 and not Fall 2015. 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.

- Accessible Aviation Inc (2017)
 - Certified Flight Instructor
- Aero Atlanta Flight Center (2018)

- Certified Flight Instructor
- American Flyers (2019)
 - Certified Flight Instructor
- CAE (2017)
 - Pilot
- Chipotle (2016)
 - Crew
- Courtyard Marriott (2016)
 - Bistro Attendant
- Eagles Flight Nest Services (2016, 2020, n=2)
 - Certified Flight Instructor
- Envoy Airlines (2019)
 - Pilot
- Falcon Aviation Academy (2017)
 - Certified Flight Instructor
- Iasco Flight Training (2017)
 - Certified Flight Instructor
- Indy Jet (2016, 2017, n=2)
 - Pilot
- ITEC (2016)
 - Volunteer Pilot and Mechanic
- Land Care Aviation (2019)
 - Pilot
- Liberty University (2016-2020, n=14)
 - Admissions Consultant
 - Associate Director of Special Programs
 - Certified Flight Instructor (n=10)
 - Range Safety Officer
- Navy Annapolis Flight Center (2017)
 - Certified Flight Instructor
- Papa Johns (2017)
 - Driver
- Prat & Whitney (2017)
 - Aircraft Tradesperson
- Premier Flight Center (2020)
 - Certified Flight Instructor
- PSA Airlines (2017, 2018, n=2)
 - Pilot
- RC&A (2018)
 - Pilot
- Republic Airways Holdings (2016)
 - Pilot
- Smith Mountain Lake Aviation (2017, 2020, n=2)
 - Certified Flight Instructor
- Sunrise Aviation (2017)
 - Certified Flight Instructor
- United States Airforce

- Airfield Manager

Types of Employment:

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

Airline Partnerships:

As part of its mission to send *Champions for Christ* into the aerospace community, the Liberty University School of Aeronautics has established relationships with numerous airlines across the United States and has signed hiring agreements with those listed below:

