AABInternational

	LIBERTY UNIVERSITY
(Liberty University School of Aeronautics logo)	
	SCHOOL OF AERONAUTICS
November 15, 2023	**B.S. AVIATION ADMINISTRATION**
Compliance with AABI Policy 3.2.4	**STUDENT ACHIEVEMENT DATA**

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. Specific educational goals: Aviation Administration

- **Create graduates with technical competence**: The Aviation Administration degree program is designed to prepare students for careers in the aviation industry including positions in airport management, airline operations, aircraft manufacturing and sales, government and non-government organizations, aviation safety, missions' aviation organizations, and operations, etc. The program also prepares students for roles in safety management systems and exposes students to data analysis, which are areas desired by industry.
  - All graduates of the Aviation Administration program are required to complete the required course curriculum to graduate. Graduation of our program is one way we measure our technical competence goal. See our results in section 3 below.

- **Prepare men and women of character**: The Aviation Administration program builds on the School of Aeronautics' aviation safety and leadership core, providing graduates with knowledge and skills needed for program development, data analysis, organizational management, and ethics for service as leadership and managerial functions in various aviation business and operations roles. These aviation professionals will possess sound judgment 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: Aviation Administration

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)

Aviation Administration: Learning Outcomes

- Apply biblical principles within the aviation profession.
- Apply written and oral communication skills to promote effective aviation administration.
- Promote a healthy organization safety culture in aviation
- Mentor others in leadership skills and qualities as it relates to aviation administration.
- Adapt sound business practices to the aviation industry.
- Apply science, technology, and mathematics to aviation administration.

Liberty University Institutional Effectiveness and Research information
https://www.liberty.edu/institutional-effectiveness/student-achievement/fall-2022-student-achievement/

SOA conducts program assessment activities in a culture of continuous improvement: Comprehensive Assessment Plan on file with the Liberty University 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 2022 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 (Aviation Administration)

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 2017 cohort is reporting their six-year graduation rate in 2023.

Graduation Rates, Fall 2017 cohort

	Fall 2017 First time Students	Graduated in 6 years	6-year Graduation Rate
B.S. Aviation Administration: Flight	1	0	0
B.S. Aviation Administration: Safety	1	0	0

Degrees Awarded

	AY 2020-2021	AY 2021-2022	AY 2022-2023
B.S. Aviation Administration: Flight	7	8	8
B.S. Aviation Administration: Safety	5	3	4

Retention Rate, All Residential Students

	Cohort	Graduates	Retained	Retention Rate
B.S. Aviation Administration: Flight	18	5	7	54%
B.S. Aviation Administration: Safety	14	3	11	100%

Retention Rate, First-time Freshman and Transfers

	Cohort	Graduates	Retained	Retention Rate
B.S. Aviation Administration: Flight	5	0	3	60%
B.S. Aviation Administration: Safety	1	0	1	100%

Fall Headcount Enrollment

	Fall 2023
B.S. Aviation Administration: Flight	18
B.S. Aviation Administration: Safety	23

4. Rates and Types of Employment of Graduates (2017-2022)

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.

Aviation Administration	Survey Year (cohort)					
	2017 (16/17)	2018 (17/18)	2019 (18/19)	2020 (19/20)	2021 (20/21)	2022 (21/22)
Survey Respondent (n)	1	0	0	1	2	1
Employed/Placed (n)	1	0	0	1	2	1
Job Directly or Somewhat Relevant (n)	1	0	0	1	2	1

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:
- American Airlines (2017)
  - Pilot Recruiting & Development
- Southwest Airlines (2019)
  - Customer Relations Representative
- Triad Aviation Academy (2021)
  - Flight Instructor
- Tampa Bay Rays (2021)
  - Baseball Player

Types of Employment:

Aviation Management	Material or Equipment Supplier
Aviation Electronics	Air Traffic Control
Safety	Pilot /Flight Instructor