

	<p>The University of Central Missouri</p> <p>Warrensburg, Missouri</p>
	<p>School of Aviation</p>
<p>07-01-2019</p>	<p>B.S. Professional Pilot B.S. Aviation Management</p>
	<p>Compliance with AABI Policy 3.4.2</p>

AABI Policy 3.4.2

The Aviation Accreditation Board International (AABI) required accredited institutions to publish a report of student performance data annually (AABI 3.4.2). This policy requires; *for each AABI accredited aviation program, institutions MUST accurately publish on the program's public website, a report of student achievement data including the following information, updated annually:*

- The objectives of each accredited program.
- Program assessment measures employed.
- Graduation Rates.
- Rates and types of employment of graduates.

Following is the required report for the University of Central Missouri School of Aviation.

Accredited Programs:

The University of Central Missouri School of Aviation features three undergraduate programs that are accredited by the Aviation Accreditation Board International (AABI). These undergraduate programs are:

- B.S. in Airport Management (AABI Management).
- B.S. in Flight Operations Management (AABI Management).
- B.S. in Professional Pilot (AABI Flight Education).

Program Objectives:

Although each of the three accredited undergraduate aviation programs of study are unique in content and structure, they each share the same educational goals. These educational goals, in turn, drive the program objectives for each program of study. The program objectives are:

- Express oneself clearly and concisely in writing and speech.
- Complete and present projects based on research, data interpretation, and analysis.
- Complete work utilizing inputs and outputs from other members in team projects including simulated work environments.
- Define solutions to challenges that require critical thinking.
- Explain aviation terminology and list relevant key literature references in the student's subject field.
- Recognize and solve typical practical and theoretical real life problems in the student's aviation field.
- Discuss safety, economic, and political issues that affect aviation activities in the student's career area.
- Define the key issues affecting leadership and management in the aviation industry.
- Define further career options, academic learning opportunities, and professional training and certification opportunities upon graduation.
- Apply for next-step career opportunities using qualifications, experience, and interview skills gained in the course of the student's study program.

Program Assessment Measures:

The University of Central Missouri School of Aviation is dedicated to academic excellence and, to that end, employs numerous measures to assess instructional delivery, course content, extent of learning and overall programmatic quality. These measures are comprised of:

- Assessment of Student Learning Outcomes (SLO's) through a structured assessment system. Each established student learning outcome (SLO) is measured at the formative and summative level, throughout the students learning experience. This assessment initiative not only complies with accrediting body protocols but also is in alignment with the universities overall assessment efforts.
- A "capstone" experience is integrated into each accredited program of study that provides the student to apply the skills they have learned in solving "real world" problems related to their

particular discipline. Assessment data is collected from this experience that enhances the summative assessment data for each program of study

- The UCM *Aviation Advisory Council* is an integral component of the program assessment process. This body, made up of representatives from academia and relevant facets of the aviation industry, meets twice per academic year to discuss trends, issues and challenges and to offer guidance on programmatic content.

Learning Outcome Measures:

3.3.1 General Learning Outcomes (AABI)

Aviation programs MUST demonstrate that graduates are able to:

- a. Apply mathematics, science, and applied sciences to aviation related disciplines;
- b. Analyze and interpret data;
- c. Work effectively on multi-disciplinary and diverse teams;
- d. Make professional and ethical decisions;
- e. Communicate effectively, using both written and oral communication skills;
- f. Engage in and recognize the need for life-long learning;
- g. Assess contemporary issues;
- h. Use the techniques, skills, and modern technology necessary for professional practice;
- i. Assess the national and international aviation environment;
- j. Apply pertinent knowledge in identifying and solving problems;
- k. Apply knowledge of business sustainability to aviation issues.

3.3.2 Aviation Core Learning Outcomes (AABI)

Aviation programs MUST develop outcomes appropriate to the following aviation core learning topics:

1. Describe the professional attributes, requirements or certifications, and planning applicable to aviation careers.
2. Describe the principles of aircraft design, performance and operating characteristics; and the regulations related to the maintenance of aircraft and associated systems.
3. Evaluate aviation safety and the impact of human factors on safety.
4. Discuss the impact of international aviation law, including applicable International Civil Aviation Organization (ICAO) or other international standards and practices, and applicable national aviation law, regulations and labor issues on aviation operations.
5. Explain the integration of airports, airspace, and air traffic control in managing the National Airspace System.
6. Discuss the impact of meteorology and environmental issues on aviation operations.

3.3.3 Program Criteria Learning Outcomes (UCM Aviation)

Student Learning Outcomes for UCM undergraduate program graduates:

1. Express oneself clearly and concisely in writing and speech.
2. Complete and present projects based on research, data interpretation, and analysis.
3. Complete work utilizing inputs and outputs from other members in team projects including simulated work environments.
4. Define solutions to challenges that require critical thinking.
5. Explain aviation terminology and list relevant key literature references in the student's subject field.
6. Recognize and solve typical practical and theoretical real life problems in the student's aviation field.
7. Discuss safety, economic, and political issues that affect aviation activities in the student's career area.
8. Define the key issues affecting leadership and management in the aviation industry.
9. Define further career options, academic learning opportunities, and professional training and certification opportunities upon graduation.
10. Apply for next-step career opportunities using qualifications, experience, and interview skills gained in the course of the student's study program.

Capstone Experience:

Each undergraduate aviation major will complete a capstone experience which will allow that student to apply what the learning and skills they have acquired in their major course of study to real work problems and tasks. This allow the student to gain confidence in their abilities, prepare for the transition to their chosen profession and facilitates the assessment of programmatic quality to include course content, areas needing emphasis, revision or enhancement, etc.

Aviation Advisory Council:

The UCM School of Aviation enjoys a positive and constructive relationship with the aviation industry and, to that end, interacts regularly with the advisory council. The AAC is made up of industry experts and professionals representing the broad spectrum of the industry, from airline and corporate/charter flight operations, to manufactures, educators and aviation/airport managers. This important council provides the UCM School of Aviation with valuable feedback that translates into course content, programmatic structure, student learning outcomes and program objectives, which allows for the delivery of a timely, state-of-the-art, leading edge educational experience for the student.

Graduation Rates/Employment:

Graduation Rates:

The following graduation rate table is established on a 6 year basis. The graduation rate percentage shown on the following table reflects the number of students who graduate compared to the total number of incoming students in a particular degree program.

<u>Graduating Year</u>	<u>Degree Program</u>	<u>6 Year Grad. Rate</u>
2019 Class	Professional Pilot	35%
2019 Class	Flight Operations Management	100%
2019 Class	Airport Management	81%
2019 Class	Total Aviation Majors	56%

Graduate Employment Rates:

The University of Central Missouri Office of Career Services facilitates a graduate career survey to track graduate employment trends broken out by academic college and School within that College. Participation in the survey is voluntary. The following table contains the results of the graduate career survey for the 2017-18 academic years broken out by Aviation Management and Professional pilot degree options.

<u>Degree Option</u>	<u>Percentage of Respondents Employed</u>
Aviation Management 2018-19	91%
Professional Pilot 2018-19	95%

Graduate Employment Sources:

The following employment sources have been compiled from the graduate employment survey referenced previously and from communications with graduates and the UCM School of Aviation. This list is not to be considered exhaustive, but serves as an example of where current aviation graduates are employed within the aviation industry.

United States Air Force	UCM Flight School	Premier Flight Center	Lees Summit Airport
United States Navy	Envoy Airlines	Atlantic Aviation	Springfield Regional Airport
United States Army	Republic Airlines	Air Associates	Heli-Sat Services and Technologies
Air National Guard	GoJet Airlines	Huntsville International Airport	Premier Flight Center