

## Aviation Flight Science AABI 3.4.2 Compliance

### Accreditation, Assessment, Graduation Rates and Employment Information

#### Accreditation

The Aviation Flight Science degree program is accredited by the Aviation Accreditation Board International ([www.aabi.aero](http://www.aabi.aero)). Program accreditation was reaffirmed in 2017 for five years through 2022.

The Aviation Flight Science Program Educational Objectives are:

- Within five years of graduation, Aviation Flight Science (AFS) graduates will be employed as first officers with a regional carrier, copilots in a corporate aviation position, flight instructors or charter pilots. Graduates will be demonstrating their critical thinking, communication, team work and situational awareness skills in their current position.
- Five to ten years after graduation, AFS graduates will hold a Captain Position at regional or corporate flight departments and may have attained First Officer positions at network carriers. Our graduates will demonstrate the leadership and character that is expected of a Professional Pilot.
- As their careers progress, Aviation Flight Science alumni will possess the skills to move into senior flight management positions such as chief pilot, director of flight operations, director of pilot training, check airmen, and simulation. Aviation Flight Science (AFS) graduates will continue to demonstrate their critical thinking, communication, team work and leadership skills as well as increase their global and situational awareness.

#### Assessment

The College of Aviation Learning Objectives are:

Graduates of the College of Aviation will demonstrate the ability 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.

The Aviation Flight Science Program Learning Objectives are:

Students who graduate from the Aviation Flight Science program will:

- Understand the technical aspects of flight and aircraft systems and operation and demonstrate application of this knowledge.
- Demonstrate knowledge of national and international air space systems and the ability to operate within those systems.
- Obtain an F.A.A. commercial pilot single engine license with multi-engine and instrument ratings.
- Have knowledge of regulatory and legal issues which impact the industry. Demonstrate application of and adherence to applicable aviation regulations.

Program learning outcomes will be completely assessed over a three (3) year cycle by measuring selected student outcome achievement against target metrics. If the target is not met, data-driven changes are made and the outcome reassessed during the next data collection period.

#### **Graduation Rate**

- The College of Aviation graduation rate is 67%.

#### **Employment Information**

# Aviation Flight Science

## Post-Graduation Activity

93% of degree recipients were actively engaged.

	count	percent		count	percent
Actively Engaged	55	93%	Not Actively Engaged	4	7%
Employed full time	44	75%	Looking for work	4	7%
Employed part time	4	7%			
Continuing education	3	5%			
Military service	4	7%			

## Full-time Employment

- Median salary was \$30,000 to \$35,000 (based on 31 responses).
- 59% were located in Michigan.
- 94% indicated their job was related to their degree.
- 94% were satisfied with their job.

## About the Data

Graduating students were asked to provide their information through the WMU Post-Graduation Activity Survey within three months of their date of graduation. Some additional data was obtained from students' public professional profiles.

Bachelor's degree recipients

82

Post-graduation data was obtained for

59 graduates (72%)

# Aviation Flight Science

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## Sample Job Titles and Employers

Aerial Mapping Pilot at Williams Aerial & Mapping  
Airline Pilot at Endeavor Air  
Aviation Machinist at United States Navy Reserve  
Avionics Technician at Heath Aviation  
Certified Flight Instructor at DCT Aviation  
Certified Flight Instructor at JB Aviation  
Certified Flight Instructor at Ohio State University  
Certified Flight Instructor at Solo Aviation  
Certified Flight Instructor at WMU  
CFI/CFII/MEI at Envoy Airlines  
Field Operations Specialist at Wayne County Airport Authority-DTW  
First Officer at Endeavor Air  
First Officer at Republic Airways  
Flight Engineer-Boeing 727 at IFL Group  
Flight Instructor at Coast Flight Training  
Flight Instructor at DCT Aviation  
Flight Instructor at Envoy Airlines  
Flight Instructor at Falcon Aviation Academy  
Flight Instructor at Flight 101  
King Air/Citation Pilot at Lentini Aviation  
Lieutenant at United States Navy  
National Account Manager at Coyote Logistics  
Naval Aviator at United States Navy  
Pilot at Apogee Aircraft Services  
Pilot at United States Marine Corps  
Pilot at Williams Aerial and Mapping  
Pilot/Crew Member at IFL Group  
Pilot/Officer at Midwest Aerial Photography  
Professional Hockey Player at Viking HC  
Program Coordinator at National Association of Flight Instructors  
Security at United States Air Force  
US Air Force Pilot at United States Air Force

## Sample Continuing Education Choices

Certification Program/Licensure in Aviation at Falcon Aviation Academy  
Certification Program/Licensure in Flight Training at The Flying School in Loveland, CO