


AAB International

	<h2>Southeastern Oklahoma State University</h2>
<p>08/26/2020</p>	<h3>Aviation Sciences Institute</h3>
	<p>Bachelor of Science in Aviation Professional Pilot</p>
	<p>Student Achievement Data</p>

Program Learning Objectives and Goals

Professional Pilot Program Educational Objectives		
Goal	Goal Description	Educational Objective
A	Develop effective written and oral communications	Helping students prepare for effective oral and written aeronautical and business communications
B	Develop problem-solving skills	Helping students prepare for solving complex aviation and business problems
C	Develop aviation proficiency, ethics and professionalism	Helping students to develop proficiency, ethics, and professional standards for the aviation industry
D	Develop proficient use of computer technology	Application of evolving computer-based technologies into aviation education
E	Develop synthesis of aviation and worldly knowledge their aviation career aspirations	Helping students to integrate worldly and scenario-based knowledge for their future career
F	Develop understanding of aviation safety and Safety Management Systems (SMS)	Helping students to develop a safety oriented mindset and an in-depth understanding of Safety Management Systems
G	Develop pilot proficiency and airmanship	Helping students become proficient and safe pilots
H	Development of Aeronautical Decision Making (ADM) skills	Helping students prepare to solve aviation problems using acquired aeronautical knowledge
I	Development of Single Pilot Resources Management (SRM) Skills	Helping students to develop the ability to safely fly in single-pilot environments utilizing aeronautical decision making
J	Development of Crew Resources Management (CRM) Skills	Helping students to develop the ability to safely fly in multi-pilot environments utilizing CRM concepts like teamwork,
K	Development of effective flight instructional skills and techniques	Helping students to be effective instructional resources to reinforce their aeronautical understanding
L	Development of Technically Advanced Aircraft (TAA) knowledge and cockpit management skills	Helping students to understand and effectively use advanced technology in the modern cockpit

Student Learning Outcomes

Professional Pilot Program Student Learning Outcomes	
Outcome	Student Learning Outcome
A	The student demonstrates effective written and oral communications skills
B	The student demonstrates aviation problem solving
C	The student demonstrates aviation proficiency, ethics, and professionalism
D	The student demonstrates proficient use of computer technology
E	The student demonstrates synthesis of aviation knowledge and be able to integrate that into their career aspirations
F	The student demonstrates a safety mindset and understand the workings of a Safety Management System (SMS)
G	The student demonstrates pilot proficiency and airmanship
H	The student demonstrates effective Aeronautical Decision Making (ADM) skills
I	The student demonstrates Single Pilot Resources Management (SRM) Skills
J	The student demonstrates effective Crew Resources Management (CRM) Skills
K	The student demonstrates effective flight instructional skills and techniques
L	The student demonstrates proficiency with Technically Advanced Aircraft (TAA) cockpits

SE Professional Flight program outcome assessment process (POAR)

Program assessment employed by the department are Student survey, Class evaluation survey, Alumni, Industry, Faculty, Interview, Safety committee thru our SMS program, FAA Part 61 and 141 practical examination results, FAA Primary Operations Inspector and Maintenance operation feedback, AABI recommendations and annual faculty outcomes assessments of each course. Information from the processes above are gathered and all of the faculty conduct an outcome assessment meeting to discuss the data. During this meeting changes will be deliberated and ideas will be implemented. Also, the outcome of previous changes are evaluated. The Professional flight program continues review operation from daily/weekly stage checks and flight operations. The Chief Flight instructor and faculty discusses needed changes during the year.

FAA Pass Rate Statistics

Year and Metric	FAA Written Exam Results	FAA Practical Exam Results
2017: FAA Pass rates	Written: 78%	Practical Exam: 88.5%
2018: FAA Pass rates	Written: 80%	Practical Exam: 88.8%
2019: FAA Pass rates	Written: 85%	Practical Exam: 81%
Three- Year Composite:	Written Exams: 81%	Overall Flight: 83.4%

Professional Pilot Students Retention and Graduation rates

School Year	Number of students declaring Professional Pilot as Major	Retention at end of first year (# / %)	Retention of student Year 2 (# / %)	Retention of student Year 3 (# / %)	Retention of student Year 4 (# / %)	% graduated with Professional Pilot (# / %)
2013	29	15 (52%)	11 (38 %)	8 (28 %)	4 (14 %)	5 (17 %)
2014-	29	22 (76%)	17 (59 %)	14 (48 %)	5 (17 %)	7 (24 %)
2015-	23	11 (48%)	10 (43 %)	8 (35 %)	4 (17 %)	5 (22 %)
2016-	35	28 (80%)	20 (57 %)	16 (46 %)		
2017-	48	35 (73%)	29 (60 %)			
2018	47	32 (68%)				
2019-	52					

Type of Employment by Graduates (years 2013 to 2015 graduates)

<u>Position</u>	<u>Number employed</u>
Flight Instructor	1
Corporate Pilot	2
Airline Pilot	14
Other Aviation Employment	0