AABInternational

	Southeastern Oklahoma State University
11/2/2021	**Aviation Sciences Institute**
	Bachelor of Science in Aviation Professional Pilot
	Student Achievement Data

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

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 through 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

Summary

FAA Pass Rate Statistics

Year	FAA Written	FAA Practical Exam	Composite
2019	88.2%	75.5%	81.9%
2020	98.0%	79.4%	88.7%
2021	92.4%	65.7%	79.1%
Three Year Avg	92.9%	73.6%	83.2%

Professional Pilot Students Retention and Graduation rates

Professional Pilot Students Retention and Graduation rates - Through 2021

Declared Prof Pilot Major Start Year at SE	# Students entering Program	# Retained at end of year 1	# Retained at end of year 2	# Retained at end of year 3	# Retained at end of Year 4 or more	# Graduated in Program
2013	**29**	15	11	8	4	5
2014	**29**	22	17	14	5	9
2015	**23**	11	10	8	5	6
2016	**35**	28	20	16	12	4
2017	**48**	35	29	25	17	1
2018	**47**	32	29	21		
2019	**52**	44	31			
2020	**56**	45				
2021	**24**					

% Declared Prof Pilot Major Start Year at SE	# Students entering Program	% Retained at end of year 1	% Retained at end of year 2	% Retained at end of year 3	% Retained at end of Year 4 or more	% Graduated in Program
2013	**29**	52%	38%	28%	14%	17%
2014	**29**	76%	59%	48%	17%	31%
2015	**23**	48%	43%	35%	22%	26%
2016	**35**	80%	57%	46%	34%	11%
2017	**48**	73%	60%	52%	35%	2%
2018	**47**	68%	62%	45%		
2019	**52**	85%	60%			
2020	**56**	80%				
2021	**24**					

Type of Employment by Graduates (years 2013 to 2021 graduates)

SE Professional Pilot Graduates - 2013 - 2021	
Summary	**Number**
Airline Pilot	**41**
Corporate Pilot	**7**
University Professor or Flight Instructor	**9**
Charter 135 Pilot	**5**
Non-aviation position	**2**
Cargo	**1**
Military Pilot	**0**
Agricultural, Banner, Glider, Parachute or other Commercial pilot	**0**
Aviation – non pilot position	**0**
Total	**65**

SE Professional Pilot Graduates - 2013 - 2021										
Detail Analysis										
Year Details	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**Totals**
Number Entering Freshman Year	29	29	23	35	48	47	52	54	24	**341**
Number Graduating and Placed in Industry	7	4	7	8	10	9	5	4	11	**65**
Percentage	**24.1%**	**13.8%**	**30.4%**	**22.9%**	**20.8%**	**19.1%**	**9.6%**	**7.4%**	**45.8%**	**21.6%**
Industry	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**Totals**
Airline Pilot	4	4	5	6	9	7	2	0	4	41
Corporate Pilot	1	0	1	1	1	1	1	1	0	7
University Professor or Flight Instructor	0	0	0	0	0	0	1	1	7	9
Charter 135 Pilot	1	0	0	0	0	1	1	2	0	5
Non-aviation position	1	0	0	1	0	0	0	0	0	2
Cargo	0	0	1	0	0	0	0	0	0	1
Military Pilot	0	0	0	0	0	0	0	0	0	0
Agricultural, Banner, Glider, Parachute or other Commercial pilot	0	0	0	0	0	0	0	0	0	0
Aviation – non pilot position	0	0	0	0	0	0	0	0	0	0
Totals	**7**	**4**	**7**	**8**	**10**	**9**	**5**	**4**	**11**	**65**