PROFESSIONAL PILOT

PROGRAM DESCRIPTION

The Aviation and Space Program prepares students for careers in the aerospace industry. The Bachelor of Science in Aerospace Administration and Operations, Professional Pilot option prepares students for careers in flight operations in both the general aviation and the air carrier segments of the aviation industry. In addition to high quality aviation related coursework, the student will attain FAA certifications for Private Pilot, Commercial Pilot-Instrument Rated for both single-engine and multi-engine aircraft and Certified Flight Instructor. The Professional Pilot option is compliant with Title 14 CFR of the Code of Federal Regulations Part 141 and accredited by Aviation Accreditation Board International (AABI).

The Aerospace Administration and Operations program has been authorized by the FAA to issue the Restricted Airline Transport Pilot (R-ATP) certificate. The OSU Flight Center at the Stillwater Regional Airport houses our fleet of 27 Aircraft consisting of Piper PA-44-180 Seminole (2) both with LCD G1000 cockpits, Cessna 182 (2), Cessna 172 (14) 11 with LCD G1000 cockpits, Cessna 152 (8), Cessna 150 (1) as well as a Redbird MCX Simulator. Students should anticipate additional total costs of $45,000-$55,000 for flight training.

education.okstate.edu/aado

JOB DESCRIPTION

COMMERCIAL PILOTS

Pilot and navigate the flight of fixed-winged aircraft on nonscheduled air carrier routes. Requires Commercial Pilot certificate. Includes charter pilots with similar certification, and air ambulance and air tour pilots.

AIRLINE PILOTS, COPILOTS, AND FLIGHT ENGINEERS

Pilot and navigate the flight of fixed-wing, multi-engine aircraft, usually on scheduled air carrier routes, for the transport of passengers and cargo. Requires Federal Airline Transport Pilot certificate and rating for specific aircraft type used. Includes regional, national, and international airline pilots and flight instructors of airline pilots.

NATIONAL MEDIAN WAGES

AIRLINE AND COMMERCIAL PILOTS
Employment of airline and commercial pilots is projected to grow 4 percent from 2016 to 2026, slower than average for all occupations.

Median Wages (2016)
$105,720 annually

OKLAHOMA MEDIAN WAGES

COMMERCIAL PILOTS
Median Wages (2016)
$87,340 annually

AIRLINE PILOTS, COPILOTS AND FLIGHT ENGINEERS
For updated information, see www.bls.gov

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BACHELOR OF SCIENCE IN AEROSPACE ADMINISTRATION AND OPERATIONS

106 Willard Hall, Stillwater, OK 74078 | 405-744-6350
education.okstate.edu | educate@okstate.edu | OSUEHA
NATIONAL/PROFESSIONAL ORGANIZATIONS
- Aircraft Owners and Pilots Association
  www.aopa.org
- Air Line Pilots Association, International
clearedtodream.org
- The Coalition of Airline Pilots
  Association capapilots.org
- Federal Aviation Administration
  faa.gov

OSU STUDENT ORGANIZATIONS
- EHA Student Council
- College of Education, Health & Aviation Ambassadors
- Alpha Eta Rho (AHP) – Aviation Professional Fraternity
- Flying Aggies
- Women in Aviation
  For more information about student organizations, visit
campuslink.okstate.edu

SIMILAR OCCUPATIONS/JOB TITLES*
- Captain
- Charter Pilot
- Check Airman
- First Officer
- Flight Operations Director
- Line Pilot
- Pilot
- Airline Captain
- Airline Pilot
- Airline Transport Pilot
- Co-Pilot
- Commuter Pilot
  *some occupations may require additional education

OSU-ENVOY PIPELINE PROGRAM
The Oklahoma State University Aviation and Space Program is pleased to offer a pipeline program with Envoy Airlines. This allows undergraduate students and flight instructors early access to employment opportunities with the company. The OSU-Envoy pipeline program gives current students the change to become Envoy employees while studying and serving as flight instructors at OSU.

EDUCATION, HEALTH AND AVIATION LIVING LEARNING PROGRAM
The Education, Health and Aviation Living Learning Program (LLP) is a residential community for students with a declared major in the College of Education, Health and Aviation (EHA). Located on the 3rd floor of Village E, this LLP provides students with an opportunity to meet fellow EHA students, faculty and staff. A focus is placed on leadership development, resources/strategies for academic success, and personal growth. Community-building is paramount with a focus on creating meaningful relationships through genuine interactions. education.okstate.edu/llp

COURSE PREVIEW
- Advanced Aircraft Systems
- Cockpit Automation
- Crew Resource Management
- Aircraft Turbine Operations
- Aviation Safety
- Aviation Weather
- Human Factors in Aviation

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Statistics from US Bureau of Labor