

GEORGE T. BAKER AVIATION TECHNICAL COLLEGE

www.BakerAviationTechCollege.com

EMPLOYMENT OPPORTUNITIES

Graduates of George T. Baker Aviation Technical College are employed wherever aircraft or aircraft parts are manufactured, modified, repaired or maintained.

Employment opportunities include aircraft companies, airlines, repair stations and airport fixed bases of operation. Due to the extensiveness of the program, graduates are also employed in other industries such as space agencies, nuclear powerplants, engineering, and other related industries.

EMPLOYMENT OPPORTUNITIES

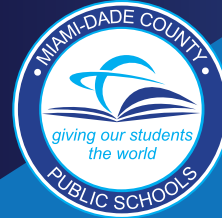
Employment for a licensed Airframe and Powerplant (A&P) Technician is expected to grow significantly over the next few years. The expected growth rate is 17% per year over the next ten years.



SCAN ME

  @baker_aviation  @BakerAviation

GEORGE T. BAKER AVIATION
TECHNICAL COLLEGE
is located at 3275 N.W. 42 Avenue,
adjacent to the Miami International
Airport. The school is a public,
tax-supported institution authorized by
the Florida Department of Education
and operated by the Miami-Dade County
Public Schools System. It is certificated
by the Federal Aviation Administration
(FAA), Certificate #CT9T072R, under Part
147 of the Federal Aviation Regulations
and is accredited by the Council on
Occupational Education.



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AVIATION POWERPLANT MECHANICS



GEORGE T. BAKER AVIATION
TECHNICAL COLLEGE
(305) 871-3143

MISSION STATEMENT

The mission of George T. Baker Aviation Technical College is to provide training to persons interested in aviation maintenance, electronics, and avionics to become an integral part of industry. To accomplish this mission, the school must enhance the curriculum, utilize industry resources, encourage students to obtain their Federal Aviation Administration certificates or Federal Communications Commission license, and place students in jobs that are related to their training. The academic and technical expectations established by the instructional staff and the strong educational leadership provided by the principal make it possible for the school to accomplish this mission.

INTRODUCTION

An Aircraft Maintenance Mechanic is often referred to as an Airframe and Powerplant (A&P) Technician. The mechanic inspects, diagnosis, repairs, and overhauls aircraft engines and structure systems in accordance with testing and certification provisions of the Federal Aviation Administration. There are two certifications that an aviation maintenance mechanic may obtain: Airframe and Powerplant.

An Aviation Powerplant Mechanic inspects, repairs, and maintains aircraft engines, both jet and reciprocating. Examples of specific tasks include performance of compression checks, replacement of cylinders, diagnosis and correction of ignition-system faults, as well as fuel control adjustments on jet engines.



AVIATION POWERPLANT MECHANICS PROGRAM OVERVIEW

The Aviation Powerplant Mechanics program is a one-year program (following a six-month General Course) consisting of an in-depth study of aircraft engine operations and systems.

CURRICULUM

- Turbine Engine Theory
- Turbine Engine Overhaul
- Engine Removal & Installation
- Engine Instrument Systems
- Fuel and Fuel Metering Systems
- Reciprocating Engine Theory
- Reciprocating Engine Overhaul
- Engine Electrical & Starting Systems
- Engine Operation, Troubleshooting, & Repair
- Engine Inspection
- Ignition Systems
- Lubrication Systems Propellers

Total of 1350 hours to complete *

*900 hours if Airframe program is complete

CAREER OPPORTUNITIES

- Airframe Mechanics
- Powerplant Mechanics
 - Aircraft Inspector
 - Aircraft Assembler
- Sheet Metal Mechanics
 - Aircraft Assembler
- Industrial Machinery Mechanics
 - Engine and Other Machine Assembler

PROGRAM HIGHLIGHTS

- Prepares students to take the Federal Aviation Administration Mechanics examination.
- Offers both full-time and part-time, day and evening courses.
- Employs instructors who are FAA certified technicians with extensive aviation backgrounds and certified for teaching by the State of Florida.
- Articulates locally and nationally with colleges and universities offering a degree in aviation related areas.
- Financial Aid for qualified applicants.

For additional information, visit:

www.studentaid.gov

School code: 030798



**Start
Your
Career
Today!**

Call **(305) 871-3143**

or visit us at:

3275 N.W. 42 Avenue, Miami, FL 33142