

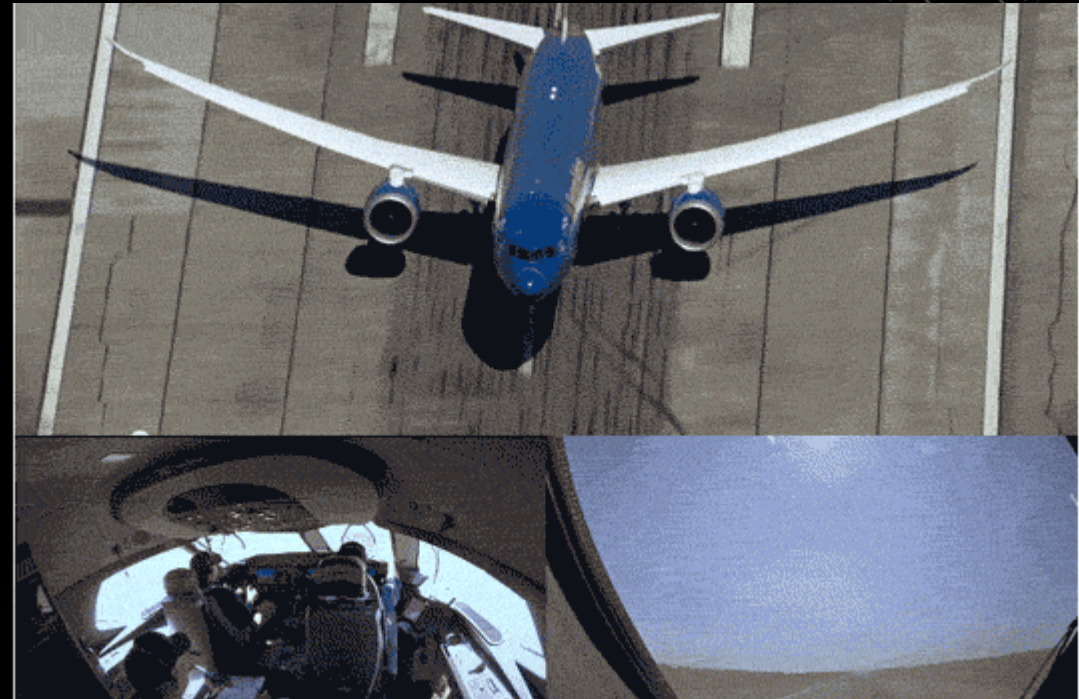
COMMERCIAL PILOT

BY: AARON PALOS



WHAT IS A COMMERCIAL PILOT?

- A commercial pilot is a specialized type of pilot that flies and navigates airplanes or helicopters. The reason they're specialized is because they fly for airlines that transport people and cargo.
- Also with all this flying they do, they travel more and see a lot of different places.



WHAT DOES A COMMERCIAL PILOT DO EVERYDAY AT WORK?

Everyday the commercial pilot heads to the airport and either gets ready for a flight or organizes papers on the upcoming flights he's going to make. Also they perform pre-flight duties such as selecting a route, filling a flight plan, checking the fuel, inspect surrounding area of the aircraft, and crew briefings. If the pilot is not flying that day, they can go to the hotel to eat, sleep, and rest or if they have enough time they can visit the local area.



EDUCATION AND COLLEGES



- You have to have either have an Associate's or Bachelor's degree.
Also a degree in either of the following:
Aviation, Aeronautics, or something similar.
- Also majoring in aerospace engineering, mechanical engineering, physics or computer science is a good educational foundation for pilots, but is not a requirement.

The U.S. Military Academies:

U.S. Navy – Annapolis, Maryland

U.S. Air Force – Colorado Springs, Colorado

West Point – West Point, New York

CAE Oxford Aviation Academy is located in Mesa, Arizona and is the best pilot academy in the world.

CTC Wings is located in Europe and is the second best academy in the world.

Flight Safety Academy is located in Vero Beach, Florida and is the 3rd best academy in the world.

CAREER FOR A PILOT

A typical career is the following:

1. Graduate High School
2. Attend the U.S. Naval Academy or other academy
3. Graduate from the Academy
4. Be Selected into the pilot program
5. Graduate from Pilot Training
6. Serve 6 Years as a Military Pilot
7. Upon Honorable Discharge Apply to Commercial Airlines



WAGE AND EMPLOYMENT FOR PILOTS



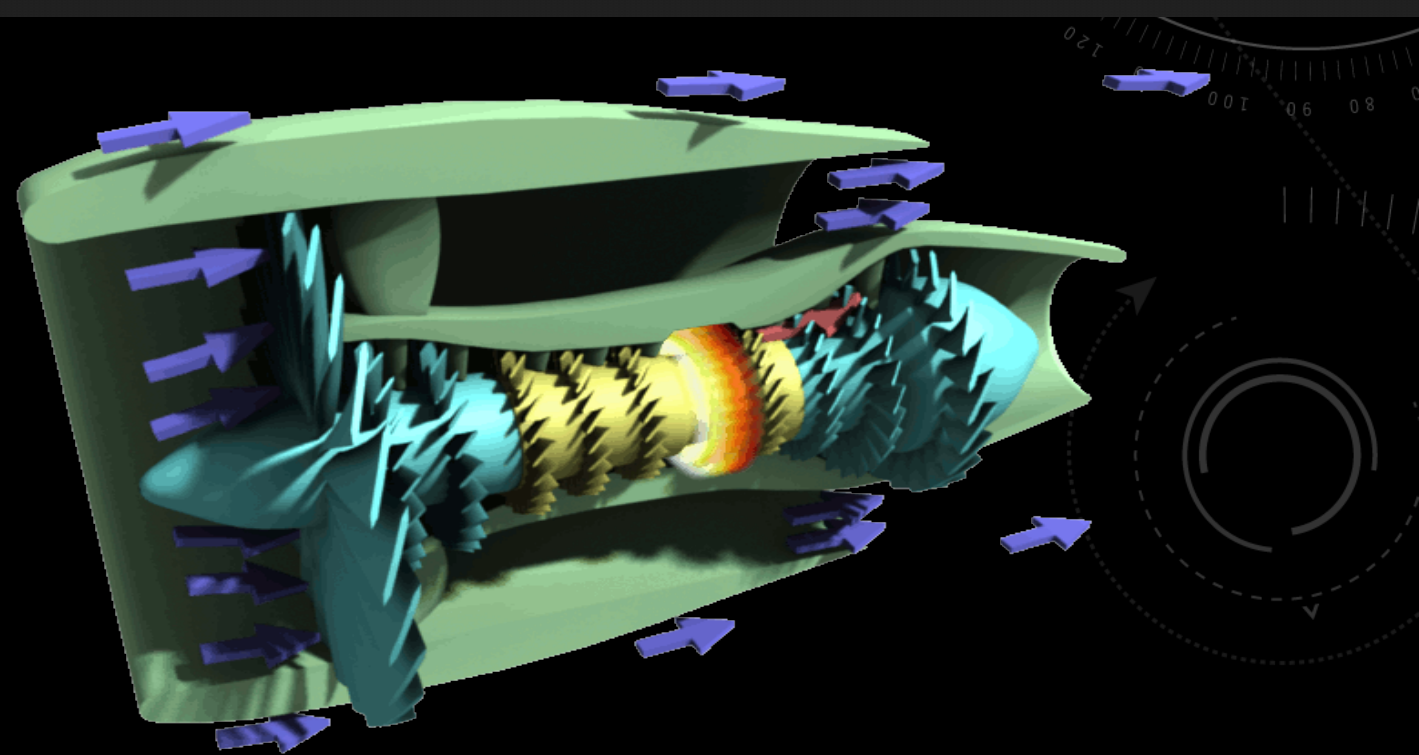
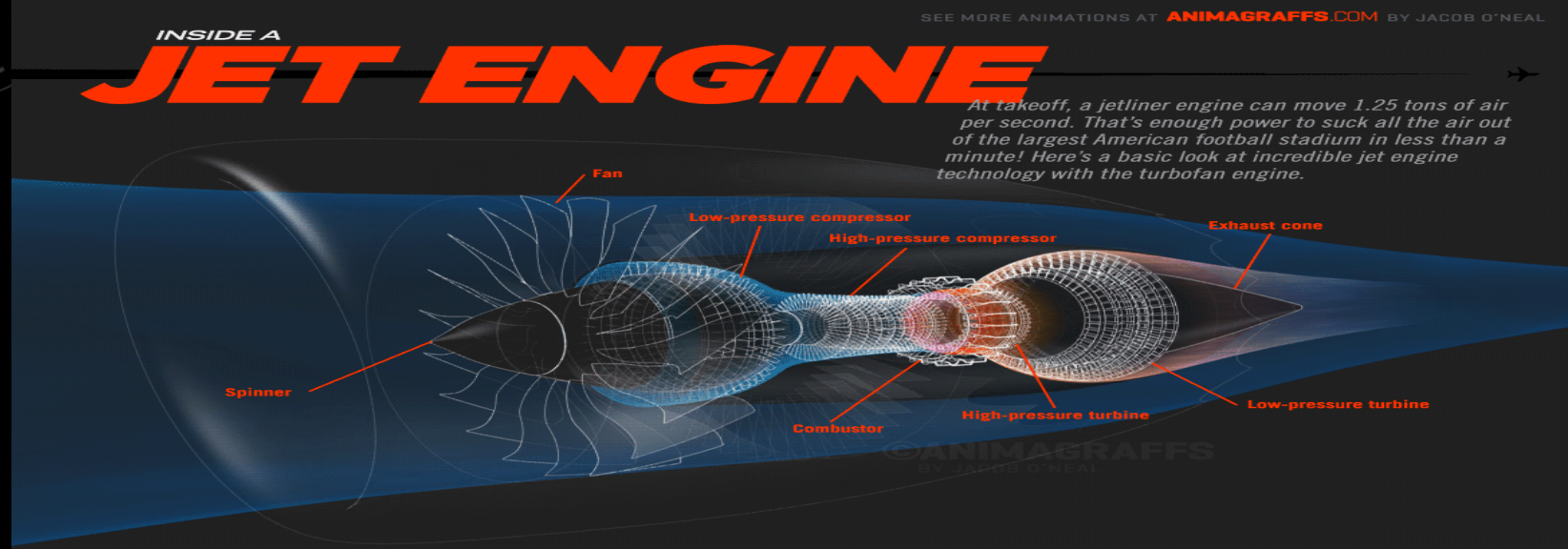
Salary For Commercial Pilot

An Airline Pilot, Copilot, or Flight Engineer salary at Delta Airlines is \$170,000 a year. However this salary is based upon many years, starting salary can be as low as \$35,000 a year.

- **Projected Growth** – In a decline of 3%, current employment is 66,000 employees with projected growth of 19,000 jobs.
- Source:- <http://www.onetonline.org/link/summary/53-2011.00>

WHAT TYPE OF AIRPLANES DO COMMERCIAL PILOTS FLY AND HOW DO THEY WORK?

Nearly all commercial pilots fly jumbo jets but how do these jets actually fly? Well each jumbo jet can have from 2-4 jet engines. These jet engines work like this. First the blades spin at a high speed and compress all the air inside. Secondly, the compressed air is sprayed with fuel and an electric spark lights the mixture. These burning gases expand and blast out through the nozzle and at the back of an engine. As they shoot backward, the engine and the aircraft thrust forward.



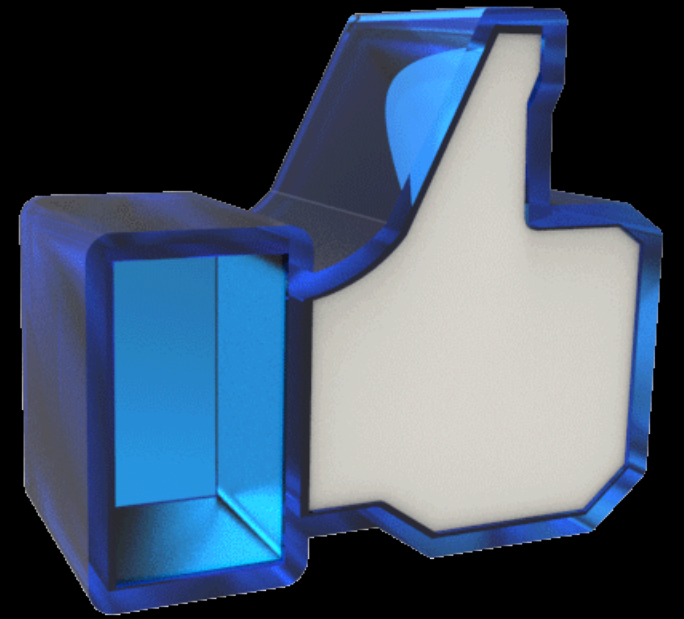
PROS AND CONS

PROS

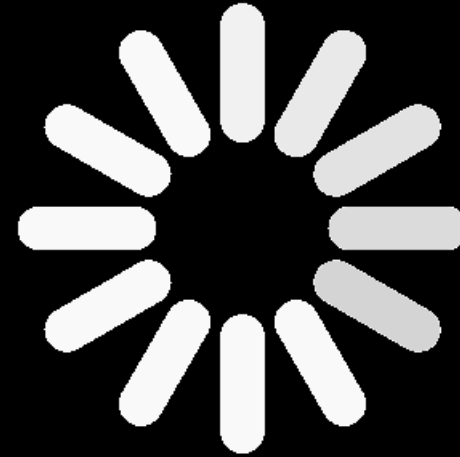
- You can fly all around the world
- You get paid a lot as a pilot
- Things are always changing
- See things most people never do
- Sense of satisfaction knowing you can do something pretty cool
- Meeting thousands of new people every year

CONS

- Too much training
- You risk dying
- Sometimes pay isn't as good
- Things are always changing
- Away from home a lot



Websites Used



<http://www.avcanada.ca/>

<http://www.pilotman.net/best-flight-schools-in-the-world/>

<http://www.ctcaviation.com/aspiring-pilot/training/wings/>



Why Did I Pick This Career?

I picked this career because I've always wanted to fly, and this career will allow me to travel around the world.

Thanks For Watching!



U.S. AIR FORCE