

Anyone can become a pilot,  
and we'll help you get started

## ABOUT COPA



### Fly planes on your phone/tablet!

Ready to become the pilot-in-command? Test your skills through Infinite Flight's comprehensive flight simulator and experience aviation on your mobile or tablet device. Ask your COPA pilot how you can get a free 90-day trial to Infinite Flight Pro and fly anywhere in the world!



### Learn the basics of flying

Take the next steps in your flying journey and pursue your Private Pilot's Licence (PPL). Through our partnership with Hangaar, gain free access—for one (1) year—to their online PPL ground school and build the necessary knowledge to become a pilot.



### Flight training scholarships

COPA offers thousands of dollars annually to help pilots and aspiring aviators pursue flight training through its scholarship program. Scan the QR code to visit our scholarships webpage and learn what funding is available!



The Canadian Owners and Pilots Association is the hosting body of the COPA Discover Aviation events happening all across Canada. We represent nearly 12,000 pilots located in all 10 provinces and two territories. Our members are aviation enthusiasts of every age group, including many airline and commercial pilots, engineers, business people—even astronauts. They enjoy all types of aircraft, including experimental machines, drones, fixed-wing aircraft, gliding planes, helicopters, and floatplanes.

Our network of 200+ chapters, known as COPA Flights, promote aviation within their local communities by hosting Discover Aviation events, organizing fly-in's with fellow aviation enthusiasts, and offering safety training.

### ABOUT DISCOVER AVIATION

Have you always wondered what it's like to fly? COPA's Discover Aviation program welcomes our friends, community members and aspiring pilots into the world of aviation.

Through our events, pilots-in-the-making can enjoy the adventures of flying through a free discovery flight in a small airplane, and so much more!



CANADIAN OWNERS AND PILOTS ASSOCIATION

# DISCOVER AVIATION

The first step in your aviation journey!



### VISIT US ONLINE FOR MORE INFORMATION

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COPA'S DISCOVER AVIATION PROGRAM IS PROUDLY SPONSORED BY THE MAGNES GROUP





## WHAT TO EXPECT

Every year, Canadians experience unforgettable moments flying in a small aircraft through COPA's Discover Aviation events. As a pilot-for-the-day, you will be given an opportunity to examine a working aircraft up close on the ground (static display).

You'll receive a pre-flight safety briefing that will take up to 20 minutes to help you become familiar with various parts of an aircraft, to learn the basics of flight, and to ask questions about aviation and flying.

The flight itself will be conducted either in a group or one-on-one depending on the aircraft's carrying capacity. The flying time is based on the number of participants, weather, and as advised by your local COPA Flight.

## IS FLYING SAFE?

Millions of people fly safely in aircraft every day. However, an airport is not a playground. Listen to and follow instructions given to you by your pilot, such as staying away from moving aircraft (especially the propellers) and how to enter or exit the aircraft.

When COPA takes you under its wing, you can trust us to keep you safe – each of our introductory flights are compliant with Canada's Aviation Regulations.

[copanational.org/discoveraviation](http://copanational.org/discoveraviation)

YOUR FIRST RIDE IN A SMALL PLANE!

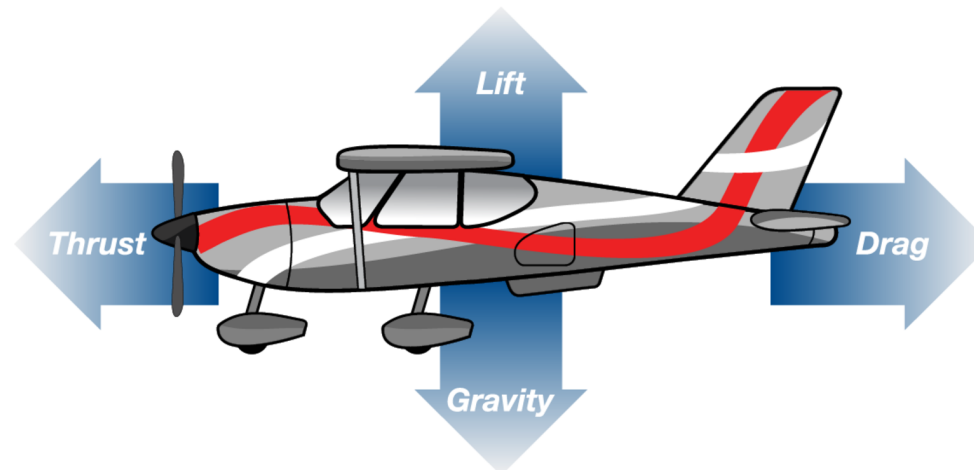
## FLIGHT DEPENDS ON FOUR BASIC FORCES

LIFT is a force that an aircraft must create to go up and stay up against gravity. The aircraft wing makes lift as the aircraft moves forward.

GRAVITY is the force that holds us on the ground. When we hold something up and then let it go, it drops because of gravity.

THRUST is created by the engine and the rotating propeller, and pulls the aircraft forward so the wings create lift. Just as lift overcomes the force of gravity during flight, thrust must overcome the force known as...

DRAG, which comes from resistance with the air – in this case, produced by moving our aircraft forward through the air!



## DO YOU KNOW WHAT EACH AIRCRAFT PART DOES?

