

CHITEROICAO



# CLASS 1

TEST FLIGHT

# CLASS 1

## DESCRIBING AIRCRAFT



The Cessna 152 is a high-wing, single-engine airplane, powered by a propeller.

It has a fixed landing gear and a simple analog cockpit.

The C152 has capacity for 2 people.

Its maximum altitude is around 14.000ft and the cruise speed is 85kts.

It has a 5-hour endurance. It is used for flight training and recreation



### AIRCRAFT VOCABULARY

- **SIZE:** Small, medium, big.
- **STRUCTURE:** Simple, mid-sized, widebody, narrow body, regional.
- **ENGINE:** Single engine, twin-engine, multi-engine (propeller, jet, turboprop)
- **WING POSITION:** High wing, low wing.
- **LANDING GEAR:** Fixed, retractable, tricycle, taildragger/conventional.
- **TECHNICAL:** Cruise speed, altitude, endurance.
- **PURPOSE:** Recreational, flight training, passenger aircraft, airliner, cargo.

 **ROTOR:** two-bladed main rotor, three-bladed main rotor...

 **LANDING GEAR:** skids

### MODEL ANSWER

The Cessna 152 is a small, simple and basic aircraft. It is a single-engine airplane, powered by a propeller. The Cessna is a high wing aircraft with a fixed landing gear. The instruments are analog, the cruise speed is 85 knots and the maximum altitude is 12.000ft. It's mostly used for flight training and recreation.

## YOUR TURN



The E190...

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## MODEL ANSWER

The E190 is a mid-sized, modern, narrow body airliner. It is a twin-engine jet, powered by two turbofan engines. The Embraer 190 is a low-wing aircraft with a retractable landing gear. The cockpit is very technological with great flight screens and a heads-up display. The cruise speed is around Mach.80 and the maximum altitude is FL410. It's a commercial jet used for passenger and cargo transport.



STRUCTURE: \_\_\_\_\_

ENGINE: \_\_\_\_\_

WING POSITION: \_\_\_\_\_

LANDING GEAR: \_\_\_\_\_

TECHNICAL: \_\_\_\_\_

PURPOSE: \_\_\_\_\_

STRUCTURE: \_\_\_\_\_

ENGINE: \_\_\_\_\_

WING POSITION: \_\_\_\_\_

LANDING GEAR: \_\_\_\_\_

TECHNICAL: \_\_\_\_\_

PURPOSE: \_\_\_\_\_



# VERB TO BE



## WHEN DO WE USE IT?

Describe something, someone or a situation.

I	Am
You	Are
He/ She/ It	Is
We	Are
You	Are
They	Are

## STRUCTURE

- **AFFIRMATIVE:** **SUBJECT** + **VERB TO BE** + **COMPLEMENT**

*They* are great mechanics.

- **NEGATIVE:** **SUBJECT** + **VERB TO BE** + **NOT** + **COMPLEMENT**

*They* aren't studying.

- **INTERROGATIVE:** **VERB TO BE** + **SUBJECT** + **COMPLEMENT** + **?**

Are *they* flying?

## EXAMPLES

I am an airline pilot.

**Negative:** I **am not** an airline pilot.

My captain isn't a very reliable pilot.

**Affirmative:** My captain **is** a very reliable pilot.

They are at JFK now.

**Interrogative:** **Are** they at JFK now?

## YOUR TURN

1. Jack \_\_\_\_\_ a great pilot but he \_\_\_\_\_ a very good captain.
2. Congonhas and Guarulhos \_\_\_\_\_ the main airports in São Paulo.
3. Celine and Carol \_\_\_\_\_ going to Canada tonight.
4. Miami Tower. This is ANAC123, we \_\_\_\_\_ going around due to bad weather.

**Now, put these sentences in the negative and interrogative form.**