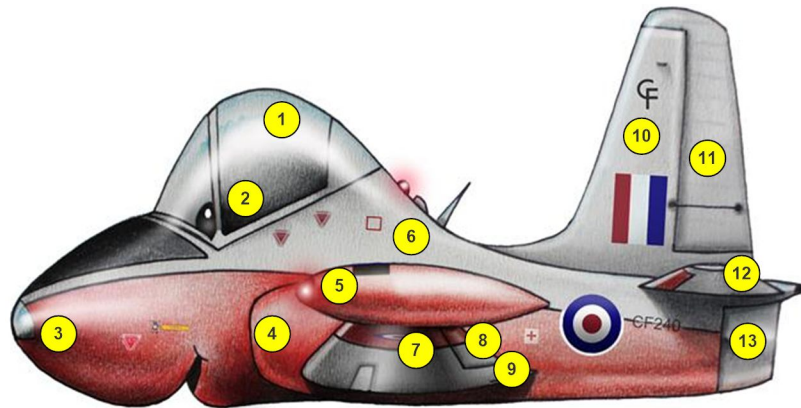


# What Jim's parts are for and how they help him to fly



- ① Canopy: This protects the pilot and Jim's controls.
- ② Cockpit: Is underneath the canopy, this is where the pilot sits and controls Jim while he flies.
- ③ Landing lights: These help Jim to see at night and help him to be seen better in poor weather.
- ④ Air Intake: Jim's air intakes help to scoop air into the jet engine.
- ⑤ Navigation Lights: These help other aircraft to see Jim and show which direction he's flying.  
His left wing is called the Port wing. The Port navigation light is **RED**.  
His right wing is called the Starboard wing. The Starboard navigation light is **GREEN**.
- ⑥ Fuselage: This is Jim's main body. All his wires, pipes and jet engine are kept safe inside the fuselage.
- ⑦ Wings: Jim's wings help him to fly through the air and they help to steady him.
- ⑧ Aileron: The Pilot uses these to help steer and turn Jim.
- ⑨ Flaps: The Pilot uses these to increase the size of the wing to help with take-off and landing.
- ⑩ Tail: Jim's tail is also know as a Vertical Stabiliser, it helps to keep him stable and fly straight.
- ⑪ Rudder: Jim's rudder can be used on it's own to keep him heading in a straight line or it can be used with the ailerons to help him turn.
- ⑫ Elevator: These are also used to keep Jim steady and balanced during flight.
- ⑬ Exhaust Nozzle: This is where the hot air from Jim's jet engine comes out and helps him to fly.