

# 202

## INTRODUCTION TO FLIGHT

### COURSE CONTENT

#### LESSON 1

- a / Introduction
- b / Discovering Aviation
  - › What is a pilot? What do they do?
  - › Career Development & Requirement of Pilot
  - › Duties and Responsibilities of Pilot
- c / Aircraft Structure
  - › What is an aircraft?
  - › Main Components & Primary Control Surfaces
- d / Simulation Exercise 1
  - › Maiden Flight
  - › Familiarization of primary flight controls

#### LESSON 2

- a / Aerodynamics 1
  - › How does an aircraft fly?
  - › Principal of Flight, Four Forces, Stall
- b / Cockpit Familiarization
  - › What do instruments tell you?
  - › Learn to read basic instruments on board
- c / Simulation Exercise 2
  - › Target Flying
  - › Achieve targets by following instruction

#### LESSON 3

- a / Aircraft System 1
  - › What is an engine?
  - › Basic Propulsion Theory and Four Stroke Engines
- b / Airport Operation
  - › Airport Layout
  - › Taxiway, Runway, Airport Markings, Gate
- c / Simulator Exercise 3
  - › Approach and Landing

#### LESSON 4

- a / Basic Radio Communication
  - › How do pilots talk?
  - › Radio Telephony
- b / Circuit Patterns
  - › Standard Flight Path
  - › Upwind, Crosswind, Downwind, Base, Final
- c / Simulator Exercise 4
  - › Circuit

#### LESSON 5

- a / Knowledge Confirmation
  - › Written Test
  - › Multiple-Choice Questions
- b / Simulator Exercise 5
  - › Flight Test
  - › Circuit
  - › Target Flying

### PROGRAM OBJECTIVE

Complete a circuit in Cessna

### CLASS INFORMATION

Duration: 5 Lessons, 90mins / Lesson  
Language: English / English & Chinese  
Lesson Frequency: Once a week  
Teaching Style: One on One  
Price: \$8,900 per person

### COMPLIMENTARY

- › JetOne Pilot Pin
- › Certificate of Completion

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