

# Comprehensive Exercise of Control Technique of Helicopter: Part-4

Syllabus Number

2E325

Helicopter Pilot Course

Requisites 1

credit

IMAI, Michio

## 1. Course Description

In this subject, students will learn necessary information for the oral examination of commercial pilot practical test. This is an advanced preparation for the private pilot oral examination. Mainly this course is in a practical lecture style.

This subject is related to diploma policy DP2, 4 and 5.

## 2. Course Objectives

Develop the skill of private pilot to obtain enough knowledge to be a commercial pilot.

Be able to obtain basic knowledge for the national commercial pilot license examination.

## 3. Grading Policy

This subject is evaluated by the result of trial examination (80%) and participations (20%).

Students are required to go through and explain the answer of the trial examinations in classes.

## 4. Textbook and Reference

Textbook

Pilot's Operating Handbook ALP

Navigation plan and flight procedure ALP

Aeronautics law Hōbunshorin, ISBN978-4-89279-545-9

AIM-J JAPA, ISBN978-4-931160-02-6

Flight Manual

## 5. Requirements(Assignments)

Students will learn about the commercial pilot part in "Pilot's Operating Handbook" thoroughly, to be able to operate and build a navigation plan in a short period of time (2 hours).

Students need to review and write down the necessary information of the commercial pilot test, with linking to the lecture and practical training, in notebooks. 3 hours of preparation and review are necessary for each class.

## 6. Note

Class is held at Shimozuma heliport.

## 7. Schedule

- [1] Practical subject for commercial pilot examination.
- [2] Characteristic airspace of Kanto area
- [3] About navigation for commercial pilot.
- [4] About commercial pilot.
- [5] About building navigation log.
- [6] Operations during a flight.
- [7] Practical training of building navigation log and operations.
- [8] Accessories on a helicopter
- [9] Flight Manual / R22 System (aircraft)
- [10] Flight Manual / R22 System (engine)
- [11] Flight Manual / R22 System (systems)
- [12] Aeronautics law
- [13] Aeronautics Regulations
- [14] Aviation Notice, Notification
- [15] Accident Case