



Start From Zero Training Course
15 Hours in the Simulator and 7.5 Hours on Ground

November – December 2008

A banner for 'FLIGHT EXPERIENCE™ FLIGHT SIMULATOR' featuring a white line-art illustration of a pilot in a cockpit on the left and a white silhouette of a jet airplane flying on the right against a dark red background. The text 'FLIGHT EXPERIENCE™' is in a large, bold, white sans-serif font, with 'FLIGHT SIMULATOR' in a smaller font below it.

Start from Zero : Program and Objectives

2 Phases of 5 days each, total 10 days.

Each day consists of :

- Classroom 30 minutes (unless otherwise specified),
- 2 x Simulator 45 minutes
- 2 x Debriefing 15 minutes

Total time of each day 135 minutes or 2hr15mins

Objectives:

- Minimum level of flying
- very briefly, basic understanding of jetliners operations,
- able to conduct the flight solely after Phase 1 and Phase 2 using manual and automatics.
- Upon completion of course, shall be able to conduct the flight under normal conditions.
- Can perform Solo flight. Similar to GFPT (General Flying Progress Test) in Australia PPL (Private Pilot Licence) course.

Powerpoints presentation and handouts will be given.

Note The course does not issue a PPL license, but it will shorten the time needed to reach a PPL license (in Australia or New Zealand)

Total Hours 22.5
Simulator Hours : 15
Ground Hours : 7.5

Freedom Fare Price
29.000 HKD

Weekdays Price
26.000 HKD

The banner features a dark red background with white line-art illustrations of an aircraft's wing on the left and a cockpit interior on the right. The text 'FLIGHT EXPERIENCE™' is prominently displayed in a large, bold, sans-serif font, with 'FLIGHT SIMULATOR' in a smaller font directly beneath it. A stylized white starburst graphic is positioned to the right of the main text.

Phase 1 : Syllabus

Day 1

- Classroom: Introduction + Basic Principles of Flight + Aircraft structures
- SIM A: Taxi, Aircraft lighting, Ice and Rain Protection, Take-off procedures brief, landing procedures brief. (two airports with similar runway configuration and in close distance)
- SIM B: Straight and level flight, Climb, Turn, Descent, Relation of speed and altitude, use of trim

Day 2

- Classroom: Engines type, engines working principle, APU (Auxiliary Power Unit), Procedures and Checklists.
- SIM A: Engine start procedures, Engine shut down procedures, APU system brief, take-off practice (reset acft to runway)
- SIM B: Straight and level flight, climb, turn, descent practice

Day 3

- Classroom: Flaps, runway designator, wind consideration, circuit flying brief.
- SIM A: Circuit flying practice
- SIM B: Circuit flying practice

Day 4

- Classroom 45 mins: Basic command and callouts, electrical, Air, Fuel, Hydraulics.
- SIM A: Circuit flying with standard callouts + Command + Flaps
- SIM B: Multi crew environment, act as First Officer, Captain, circuit flying

Day 5

- Classroom: VFR (Visual Flight Rule) flights, IFR (Instrument Flight Rule) flights, introduction of Phase 2 such as automatics, FMC, emergency, challenging weather.
- SIM A: VFR flight from A to B (VFR Chart or Google Earth as map).
- SIM B: Gate to Gate, engine start to engine shutdown, VFR flight from C to D (pick two closer airports)



Phase 2 Syllabus

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Day 6

- Classroom: IFR flights briefing, NDB (Non-Directional Beacon), VOR (VHF(Very High Frequency) Omni-directional Radial) Navigation.
- SIM A: NDB and VOR navigation (15 minutes break: ILS briefing)
- SIM B: ILS practice

Day 7

- Classroom: ND (Navigation Display), Mode selector panel, F/D (Flight Director), A/P (Autopilot) selected mode brief.
- SIM A: ND demonstration. A/P demonstration. F/D demonstration. Practices
- SIM B: IFR flight using N/D, A/P, and N/D from airport A to B with ILS landing. Navigational by NDB and VOR may be possible subject to skills and techniques. Flight Plan prepared before the flight.

Day 8

- Classroom: FMC (Flight Management Computer) introduction, A/P managed mode briefing. Route flying knowledge and briefing.
- SIM A: FMC programming demonstration. Route flying from airport A to B using FMC and automatics.
- Classroom ***15 minutes: Debriefing, Question and Answer
- SIM B: FMC programming demonstration. Route flying from airport A to B using FMC and automatics, en-route diversion to airport B using FMC programming and automatics.

Day 9

- Classroom ***45 minutes: Revision: standard procedures, checklists, aircraft systems, cockpit instruments, Navigation, Automatics, Flight handling techniques, Question and Answer.
- SIM A: Instructor sets scenario for revision purpose.
- SIM B: Customer sets free play for revision purpose. Questions and Answers in simulator.
- Debriefing **15 minutes: Day 10 briefing and flight planning.



Phase 2 Syllabus

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Day 10

- Classroom ***45 minutes: Summary from Day 1 to 10. Route Planning, make sure student and instructor understand the flights. It can be one flight or more than one flights. It can be 2 x 45 minutes or 1 x 90 minutes SIM session.
- SIM A: 45 minutes, student as PF (Pilot Flying)
- SIM B: 45 minutes, student as PF (Pilot Flying)