

Apex Flight Academy 2018 CPL Syllabus

Phase 1. 自用駕駛員檢定/Private Pilot License

地面學科/Ground Training

No	Lesson	Title	Time
1	PL01	Discovery Aviation	2+00
2	PL02	Airplane Systems	7+00
3	PL03	Aerodynamic Principles	6+00
4	PL04	The Flight Environment	6+00
5	PL05	Communication & Flight Info.	3+00
6	PL06	Test & Review 1	4+00
7	PL07	Meteorology For Pilots	3+00
8	PL08	Interpreting Weather Data	3+00
9	PL09	Aircraft Performance	6+00
10	PL10	Navigation	5+00
11	PL11	Applying Human Factors Principles	2+00
12	PL12	Flying Cross-Country	3+00
13	PL13	Federal Aviation Regulations	2+00
14	PL14	Test & Review 2	4+00
15	PL15	Aviation Weather Service	3+00
16	PL16	Airspace	3+00
17	PL17	Aviation Law	3+00
18	PL18	DA40NG Systems	10+00
19	PL19	VFR ATC Communications	5+00
20	PL20	Test & Review 3	2+00
		Total Hours	82+00

Phase 1. 商用駕駛員檢定私照階段/PPL Phase(Integrated)

飛行術科/ Flight Training

Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5
Dual FTD 2.0 hours 0.0/2.0	Dual Local 1.5 hours 1.5/2.0	Dual Local 1.5 hours 3.0/2.0	Dual Local 1.5 hours 4.5/2.0	Dual Local 2.0 hours 6.5/2.0
Lesson 6	Lesson 7	Lesson 8	Lesson 9	Lesson 10
Dual Local 2.0 hours 8.5/2.0	Dual Local 2.0 hours 10.5/2.0	Dual FTD 1.0 hours 10.5/3.0	Dual Local/TPO 2.0 hours 12.5/3.0	Dual Local/TPO 2.0 hours 14.5/3.0
Lesson 11	Lesson 12	Lesson 13	Lesson 14	Lesson 15
Dual Local/TPO 2.0 hours 16.5/3.0	Dual Local/TPO 2.0 hours 18.5/3.0	Dual Local/TPO 2.0 hours 20.5/3.0	Dual Local/TPO 2.0 hours 22.5/3.0	Dual TPO 1.5 hours 24.0/3.0
Lesson 16	Lesson 17a	Lesson 17b	Lesson 18	Lesson 19
Dual TPO 1.5 hours 25.5/3.0	Dual TPO/Local 2.0 hours 27.5/3.0	Ground Briefing 2.0 hours 27.5/3.0	Stage Check 1 1.5 hours 29.0/3.0	Dual/1st Solo 1.5 hours 30.5/3.0
Lesson 20	Lesson 21	Lesson 22	Lesson 23	Lesson 24
Dual/Solo Local 2.0 hours 32.5/3.0	Dual TPO 1.5 hours 34.0/3.0	Dual Local/TPO 2.0 hours 36.0/3.0	Solo Local/TPO 1.5 hours 37.5/3.0	Dual Local (Ins) 2.0 hours 39.5/3.0
Lesson 25	Lesson 26	Lesson 27	Lesson 28	Lesson 29
Solo Local/TPO 1.5 hours 41.0/3.0	Dual FTD (Ins) 2.0 hours 41.0/3.0	Dual Local (Ins) 2.0 hours 43.0/5.0	Dual X-C (Ins) 2.5 hours 45.5/5.0	Dual X-C (Ins) 3.5 hours 49.0/5.0
Lesson 30a	Lesson 30b	Lesson 31	Lesson 32	Lesson 33
Dual Night/Local X-C 2.0/1.0 hours 52.0/5.0	Ground Briefing 2.0 hours 52.0/5.0	Stage Check 2 X-C 2.0 hours 54.0/5.0	Solo X-C 2.0 hours 56.0/5.0	Solo Long X-C 3.0 hours 59.0/5.0
Lesson 34a	Lesson 34b	Lesson 35		
Dual Local/TPO 2.0 hours 61.0/5.0	Ground Briefing 3.0 hours 61.0/5.0	EOP Check 2.0 hours 63.0/5.0		
Syllabus Total	Dual	53.0	Solo X-C	5.0
	Solo PIC	10.0	FTD	5.0
	Night	3.0	T/L Night	10
	Ins (Hood)	3.0	Phase Total	68.0
	X-C PIC	15.0		

Phase 2. 儀器飛航檢定/Instrument Rating
地面學科/Ground Training

No	Lesson	Title	Time
1	IRL01	ADVANCE HUMAN FACTORS CONCEPTS	2+00
2	IRL02	FLIGHT INSTRUMENT SYSTEMS	3+00
3	IRL03	ATTITUDE INSTRUMENT FLYING	2+30
4	IRL04	INSTRUMENT NAVIGATION	3+00
5	IRL05	THE FLIGHT ENVIRONMENT	2+30
6	IRL06	DEPARTURE	2+00
7	IRL07	ENROUTE	2+30
8	IRL08	HOLDING PROCEDURES	2+00
9	IRL09	ARRIVAL	1+00
10	IRL10	TEST & REVIEW 1	4+00
11	IRL11	APPROACH CHARTS	3+30
12	IRL12	APPROACH PROCEDURES	2+30
13	IRL13	VOR AND NDB APPROACHES	2+30
14	IRL14	ILS APPROACHES	3+00
15	IRL15	RNAV APPROACHES	3+00
16	IRL16	IFR EMERGENCY	2+00
17	IRL17	IFR DECISION MAKING	1+30
18	IRL18	IFR FLIGHT PLANNING	1+30
19	IRL19	CAA REGULATION	2+00
20	IRL20	TEST & REVIEW 2	4+00
		Total Hours	50+00

Phase 2-1 儀器飛行檢定/Basic Instrument 飛行術科/ Flight Training

Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5
Dual FTD 2.0 hours	Dual Local 2.0 hours	Dual FTD 2.0 hours	Dual Local 2.0 hours	Dual FTD 2.0 hours
0.0/2.0	2.0/2.0	2.0/4.0	4.0/4.0	4.0/6.0
Lesson 6	Lesson 7	Lesson 8a	Lesson 8b	Lesson 9
Dual Local 2.0 hours	Dual X-C 3.0 hours	Dual X-C 3.0 hours	Ground Briefing 2.0 hours	Dual Local 2.0 hours
6.0/6.0	9.0/6.0	12.0/6.0	12.0/6.0	14.0/6.0
Lesson 10				
Stage Check 2.0 hours				
16.0/6.0				
Syllabus Totals	Dual	16.0	FTD	6.0
	PIC	16.0	X-C PIC	6.0
	Ins (Hood)	18.5	Phase Total	22.0

Phase 2-2. 儀器飛行檢定/Instrument Rating 飛行術科/ Flight Training

Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5
Dual FTD 2.0 hours	Dual FTD 2.0 hours	Dual Local/X-C 2.5 hours	Dual FTD 2.0 hours	Dual Local/X-C 2.5 hours
0.0/2.0	0.0/4.0	2.5/4.0	2.5/6.0	5.0/6.0
Lesson 6	Lesson 7	Lesson 8	Lesson 9	Lesson 10
Dual FTD 2.0 hours	Dual Local/X-C 2.5 hours	Dual FTD 2.0 hours	Dual Local/X-C 2.5 hours	Dual FTD 2.0 hours
5.0/8.0	7.5/8.0	7.5/10.0	10.0/10.0	10.0/12.0
Lesson 11	Lesson 12	Lesson 13a	Lesson 13b	Lesson 14
Dual Local/X-C 2.5 hours	Dual Local/X-C 2.5 hours	Ground Briefing 2.0 hours	Dual Local/X-C 3.0 hours	Stage Check 1 3.0 hours
12.5/12.0	15.0/12.0	15.0/12.0	18.0/12.0	21.0/12.0
Lesson 15	Lesson 16	Lesson 17	Lesson 18	Lesson 19a
Dual Local/X-C 2.5 hours	Dual Long X-C 4.0 hours	Dual FTD 2.0 hours	Dual Local/X-C 2.5 hours	Ground Briefing 3.0 hours
23.5/12.0	27.5/12.0	27.5/14.0	30.0/14.0	30.0/14.0
Lesson 19b	Lesson 20			
Dual Local/X-C 3.0 hours	EOP Check 3.0 hours			
33.0/14.0	36.0/14.0			
Syllabus Totals	Dual	36.0	FTD	14.0
	PIC	36.0	X-C PIC	36.0
	Ins (Hood)	41.0	Total X-C PIC	57.0
	Night Time	2.0	Phase Total	50.0

Phase 3. 商用駕駛員檢定/Commercial Pilot License 地面學科/Ground Training

No	Lesson	Title	Time
1	CL01	Building Professional Experience	2+30
2	CL02	Meteorology	4+00
3	CL03	Advanced Systems	10+20
4	CL04	Aerodynamics & Performance	9+40
5	CL05	Commercial Flight Considerations	4+20
6	CL06	Test & Review 1	2+00
7	CL07	Commercial Maneuvers	2+00
8	CL08	Aviation Law	2+15
9	CL09	Air Traffic Control	6+30
10	CL10	Navigation	3+35
11	CL11	Night Operations	2+20
12	CL12	Test & Review 2	2+00
13	CL13	Transition to Complex Airplanes	4+30
14	CL14	Transition to Multiengine Airplanes	19+15
15	CL15	Emergency Procedures	5+45
16	CL16	Airspace	3+30
17	CL17	Test & Review 3	2+00
18	CL18	DA-42NG Differences	11+30
19	CL19	Test & Review 4	2+00
		Total Hours	100+00

Phase 3. 商用駕駛員檢定/Multi Engine Commercial License
飛行術科/ Flight Training

Lesson 1	Lesson 2	Lesson 3	Lesson 4a	Lesson 4b
Dual FTD 2.0 hours	Dual FTD 2.0 hours	Dual Local 1.5 hours	Ground Briefing 2.0 hours	Dual FTD 2.0 hours
0.0/2.0	0.0/4.0	1.5/4.0	1.5/4.0	1.5/6.0
Lesson 5	Lesson 6	Lesson 7	Lesson 8	Lesson 9
Dual Local 1.5 hours	Dual FTD 2.0 hours	Dual FTD 2.0 hours	Dual Local 2.0 hours	Stage Check 1 1.5 hours
3.0/6.0	3.0/8.0	3.0/10.0	5.0/10.0	6.5/10.0
Lesson 10	Lesson 11	Lesson 12	Lesson 13	Lesson 14
Dual FTD 2.0 hours	Dual FTD 2.0 hours	Dual Local/XC 2.5 hours	Dual FTD 2.0 hours	Dual Local/XC 2.5 hours
6.5/12.0	6.5/14.0	9.0/14.0	9.0/16.0	11.5/16.0
Lesson 15	Lesson 16a	Lesson 16b	Lesson 17	Lesson 18
Dual FTD 2.0 hours	Ground Briefing 3.0 hours	Dual Local/XC 2.5 hours	Stage Check 2 3.0 hours	Dual FTD 2.0 hours
11.5/18.0	11.0/18.0	14.0/18.0	17.0/18.0	17.0/20.0
Lesson 19	Lesson 20	Lesson 21	Lesson 22	Lesson 23
Dual Night Local 2.0 hours	Dual Day X-C 2.0 hours	Dual Night X-C 2.0 hours	Dual FTD 2.5 hours	Dual FTD 2.5 hours
19.0/20.0	21.0/20.0	23.0/20.0	23.0/22.5	23.0/25.0
Lesson 24a	Lesson 24b	Lesson 25		
Ground Briefing 3.0 hours	Long X-C 4.0 hours	EOP Check 3.0 hours		
23.0/25.0	27.0/25.0	30.0/25.0		
Syllabus Totals	Dual	30.0	Multi-SPIC	16.0
	Complex Dual	30.0	FTD	25.0
	Night Time	6.0	Multi XC-SPIC	12.0
	T/L Night	10	Phase Total	55.0
	Ins (Hood)	18.5		