



Aviation Training School

Trainings

ENGLISH



Aviation Training School

1. Private Pilot Licence PPL(A)

ab Initio course

Theoretical training	Flight training
<p>100 (+ 50¹) classroom training hours getting - together 09 subjects :</p> <ul style="list-style-type: none"> ● Principle of Flight. ● Aircraft General Knowledge ● Air Law ● Human Performances ● Operational Procedures ● VFR Communication. ● Flight planning & Performances ● Meteorology ● Navigation <p>Your ground school training will be validated following you pass the official (DACM) theoretical knowledge exams.</p> <p>1 including the ATS 50consolidation hours course</p>	<p>1- <u>PPL-VFR :</u></p> <p><u>Aircraft: Diamond DA40 NG (SE ¹)</u></p> <ul style="list-style-type: none"> ● Totalise a minimum of 45 ² flight hours, including : ● 10 supervised solo flights hours Of which 05 hours cross country flight of at least 150 Nm with minimum 02 full landings in different airfields <p>2- <u>Flight simulator</u></p> <p><u>ALSIM ALX-24: FNPT II – MCC</u> Flight model MPG3 (based on Piper PA28 Arrow) with fixed landing gear, and analogue instrumentation for a minimum of 10 hours including:</p> <ul style="list-style-type: none"> - General handling - Basic flight instrument training <p>Your practical flight training will be validated following you pass your official PPL flight SKILL exam (DACM designated examiner).</p> <p>1 SE: single engine airplanes 2 Including 02 hours DACM skill exam</p>

2. Commercial Pilot Licence CPL VFR (A)

Prerequisite: PPL (A) Licence

Theoretical training	Flight training
<p>250 classroom training hours getting - together 13 Subjects:</p> <ul style="list-style-type: none"> ● Aircraft General Knowledge (Airframes and Systems, Electrics and Electronics, Powerplant, Emergency Equipment) 	<p>1- <u>Aircraft: Diamond DA40 NG (SE ¹)</u></p> <ul style="list-style-type: none"> ● Totalise a minimum of : ● 100 hours as PIC ● 20 cross-country flights hours as PIC. Including a cross country flight of at least 300 Nm with minimum 02 full



Aviation Training School

<ul style="list-style-type: none"> ● Principles of Flight ● Instrumentation ● Human Performance & Limitations ● Meteorology ● VFR Communications ● Air Law ● General Navigation ● Radio Navigation ● Mass & Balance ● Performance ● Flight Planning & Monitoring ● Operational Procedures <p style="margin-top: 20px;">This theoretical knowledge course is necessary to sit for the CPL VFR (A) official (DACM) theoretical knowledge exams</p>	<ul style="list-style-type: none"> ● landings in different airfields ● 10 hours Instrument flight <p><u>2- Flight simulator</u></p> <p><u>ALSIM ALX-24: FNPT II – MCC</u> Flight model MPG3 (based on Piper PA28 Arrow) with retractable landing gear, and EFIS instrumentation for 10 hours including:</p> <ul style="list-style-type: none"> - General handling - Basic flight instrument training <p style="margin-top: 20px;">Your practical flight training will be validated following you pass your official VFR CPL flight SKILL exam (DACM designated examiner).</p> <p style="font-size: small;">1- Single engine</p>
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The Commercial Pilot License CPL VFR (A) allows its holder:

- a) To exercise all the privileges of the holder of the private pilot license PPL(A);
- b) To perform the duties of pilot-in-command (PIC) of any airplane engaged in an aerial work, against payment;
- c) To act as PIC in commercial air transport in any aeroplane certificated for single-pilot operation;
- d) To act as co-pilot in commercial air transport in aeroplanes required to be operated with a co-pilot.

3. Instrument Rating course IR(A)

Prerequisite: CPL VFR Licence

Theoretical training	Flight training
<p>150 classroom training hours getting - together 07 Subjects:</p> <ul style="list-style-type: none"> ● Instrumentation ● Human Performance & Limitations ● Meteorology ● IFR Communications ● Air Law ● Radio Navigation ● Flight Planning & Monitoring 	<p><u>1- CPL-IR :</u></p> <p><u>Aircraft: Diamond DA40 NG (SE ¹)</u> <u>Diamond DA42 NG (ME²)</u></p> <ul style="list-style-type: none"> ● Totalise a minimum of : ● 150³ hours as PIC ● 20 cross-country flights hours as PIC. Including a cross country flight of at least 300 Nm with minimum 02 full landings in different airfields ● 10 hours Instrument flight



Aviation Training School

<p>This theoretical knowledge course is necessary to sit for the IR (A) official (DACM) theoretical knowledge exams</p>	<ul style="list-style-type: none"> • 05 night Take offs & Ldgs <p>2- Flight simulator</p> <p>ALSIM ALX-24: FNPT II – MCC ALX BP_G9 MEP (EFIS) Flight Model (based on Piper PA44) Twin engine with retractable landing gear, and EFIS instrumentation for a minimum of 30 hours including:</p> <ul style="list-style-type: none"> - General handling - Instrument Flying training <p>Your practical flight training will be validated following you pass your official CPL/IR flight SKILL exam (DACM designated examiner).</p> <p>1- Single engine 2- Multi engine 3- 200 if the training is not done in an approved FTO</p>
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The Commercial Pilot License CPL VFR (A) allows its holder:

- a) To exercise all the privileges of the holder of the private pilot license PPL(A);
- b) To perform the duties of pilot-in-command (PIC) of any airplane engaged in an aerial work, against payment;
- c) To act as PIC in commercial air transport in any aeroplane certificated for single-pilot operation;
- d) To act as co-pilot in commercial air transport in aeroplanes required to be operated with a co-pilot;
- e) To exercise at night all the above privileges .

4. Commercial Pilot Licence/ Instrument Rating CPL/IR (A)

(For a holder of a PPL (A) Licence)

Theoretical training	Flight training
<p>400 classroom training hours getting – together 14 Subjects:</p> <p>010 Air Law 021 Aircraft General Knowledge (Airframes and Systems, Electrics and Electronics, Powerplant, Emergency Equipment) 022 Instrumentation</p>	<p>1- CPL-VFR :</p> <p>Aircraft: Diamond DA40 NG (SE)</p> <ul style="list-style-type: none"> • Totalise a minimum of 150 flight hours, with: • 100 hours as PIC • 20 cross-country flights hours. • 10 hours Instrument flight



Aviation Training School

<p>031 Mass & Balance 032 Performance 033 Flight Planning & Monitoring 040 Human Performance & Limitations 050 Meteorology 061 General Navigation 062 Radio Navigation 070 Operational Procedures 081 Principles of Flight 091 VFR Communications 092 IFR Communications</p> <p>This theoretical knowledge course is necessary to sit for the CPL/IR (A) official (DACM) theoretical knowledge exams</p>	<p>2- <u>Instrument Rating (IR)</u></p> <p><u>Aircraft: Diamond DA42 VI (ME)</u></p> <ul style="list-style-type: none">• Totalise a minimum of 20 hours:<ul style="list-style-type: none">- 05 hours – General handling –- 10 hours - instrument flying- 05 hours, night flights (including 05 T/O & Ldgs) <p>2- <u>Flight simulator</u></p> <p><u>ALSIM ALX-24: FNPT II – MCC</u> ALX BP_G9 MEP (EFIS) Flight Model (based on Piper PA44) Twin engine with retractable landing gear, and EFIS instrumentation for a minimum of 30 hours including:</p> <ul style="list-style-type: none">- General handling- Instrument Flying training <p>Your practical flight training will be validated following you pass your official CPL/ IR flight SKILL exam (DACM designated examiner).</p>
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The Commercial Pilot License CPL/IR (A) allows its holder:

- To exercise all the privileges of the holder of the private pilot license PPL(A);
- To perform the duties of pilot-in-command (PIC) of any airplane engaged in an aerial work, against payment;
- To act as PIC in commercial air transport in any aeroplane certificated for single-pilot operation;
- To act as co-pilot in commercial air transport in aeroplanes required to be operated with a co-pilot;
- To exercise the privileges mentioned above at night.

5. Theoretical Modular Airline Transport Pilot Licence ATPL (A)

Prerequisite: CPL or a CPL/IR (A) Licence

Theoretical ATPL modular course training

Carrying out a 250 classroom theoretical training hours, bringing together 14 subjects:

- 010 Air Law
- 021 Aircraft General Knowledge (Airframes and Systems, Electrics and Electronics, Powerplant, Emergency Equipment)
- 022 Instrumentation
- 031 Mass & Balance



Aviation Training School

- 032 Performance
- 033 Flight Planning & Monitoring
- 040 Human Performance & Limitations
- 050 Meteorology
- 061 General Navigation
- 062 Radio Navigation
- 070 Operational Procedures
- 081 Principles of Flight
- 091 VFR Communications
- 092 IFR Communications

Your ground school training will be validated following you pass the official ATPL (DACM) theoretical knowledge exams for Airline Transport Pilot License with instrument rating).

6. Integrated Airline Transport Pilot Licence ATPL (A)

ab Initio course

Theoretical training	Flight training
<p>800 classroom training hours getting – <u>1- PPL:</u> 100 (+ 50¹) classroom training hours getting - together 09 Subjects :</p> <ul style="list-style-type: none"> 010 Air Law 021 Aircraft General Knowledge (Airframes and Systems, Electrics and Electronics, Powerplant, Emergency Equipment) 033 Flight Planning & Monitoring 040 Human Performance & Limitations 050 Meteorology 061 General Navigation 070 Operational Procedures 081 Principles of Flight 091 VFR Communications <p>(DACM) PPL theoretical knowledge exams.</p> <p>2- <u>ATPL</u> 650 classroom training hours together 14 Subjects:</p> <ul style="list-style-type: none"> 010 Air Law 021 Aircraft General Knowledge (Airframes and Systems, Electrics and Electronics, Powerplant, Emergency Equipment) 	<p><u>1- PPL-VFR :</u></p> <p><u>Aircraft: Diamond DA40 NG (SE)</u> Totalise a minimum of 45 flight hours, including :</p> <ul style="list-style-type: none"> - 10 supervised solo flights hours Of which 05 hours cross country flight of at least 150 Nm with minimum 02 full landings in different airfields <p>+ 10 hours <u>Flight simulator</u></p> <p><u>2- CPL-VFR :</u></p> <p><u>Aircraft: Diamond DA40 NG (SE)</u></p> <ul style="list-style-type: none"> • Totalise a minimum of 150 flight hours, with: • 100 hours as PIC • 20 cross-country flights hours. • 10 hours Instrument flight <p><u>3- Instrument Rating (IR)</u></p> <p><u>Aircraft: Diamond DA42 VI (ME)</u></p> <ul style="list-style-type: none"> • Totalise a minimum of 20 hours: <ul style="list-style-type: none"> - 05 hours – General handling – - 10 hours - instrument flying



Aviation Training School

<p>022 Instrumentation 031 Mass & Balance 032 Performance 033 Flight Planning & Monitoring 040 Human Performance & Limitations 050 Meteorology 061 General Navigation 062 Radio Navigation 070 Operational Procedures 081 Principles of Flight 091 VFR Communications 092 IFR Communications</p> <p>This theoretical knowledge course is necessary to sit for the ATPL (A) official (DACM) theoretical knowledge exams.</p>	<p style="text-align: center;">- 05 hours, night flights (including 05 T/O & Ldgs)</p> <p style="text-align: center;">+ 20 hours <u>Flight simulator</u></p> <p>Your practical flight training will be validated following you pass your official CPL/ IR flight SKILL exam (DACM designated examiner).</p>
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5. Multi Crew Cooperation MCC

The aim of a Multi Crew Cooperation (MCC) course is to improve coordination within the cockpit between crewmembers. The MCC Training Course is the bridge between the ATPL course and the future workplace in the cockpit environment.

Theoretical training	Flight training
25 hours of classroom training	20 hours on flight simulator ALSIM. - FNPT II MCC ALX-BTFG1 Light twin fan jet flight model (based on Citation II, Model 550)