



# PRINCIPAL AIR LTD

FLIGHT TRAINING / CHARTER

2-46244 Airport Road  
Chilliwack, B.C. V2P 1A5  
604-795-7861 or Toll Free 1-866-540-3754  
[www.principalair.ca](http://www.principalair.ca)

## Commercial Pilot Licence Outline

**Excellence, Quality & Professionalism.  
Individualized Flight Training with the Personal Touch**

Welcome to Principal Air and congratulations on taking the first step towards an exciting career in aviation.

Working toward the goal of becoming a commercial pilot is an exciting process. A prerequisite to the Commercial Pilot Licence is your Private Pilot Licence. You already know how to fly! Now it's time to focus on refining and developing those skills to the commercial level. This package will give you some information on our personalized Commercial Pilot Licence program.

As per CAR's 401.30(1), a Commercial Pilot Licence includes all the privileges of a Private Pilot Licence and qualifies you to exercise the privileges of the Night rating, the VFR-OTT rating, act as pilot-in-command of a single-pilot, single-engine aircraft, or a more complex aircraft for which your licence is endorsed, or act as co-pilot of a multi-pilot aircraft to provide commercial air service.

There are a number of pathways to a career in aviation. Commercial pilots may choose to work toward advanced training beyond the Commercial Licence including: float training, agricultural and fire suppression training, bush flying or multi-engine and instrument training. Flight instruction is another option open to pilots holding a Commercial Licence and many new commercial pilots find flight instruction a good way to earn experience and enter the field of aviation.

This information package is intended to give you an idea of how your training will be carried out. Keep in mind that our programs are flexible and will change to meet the needs of each individual student. If you fly regularly and study the required readings between each lesson, you will advance at a satisfying and rewarding pace.



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## COMMERCIAL PILOT LICENCE

### REQUIREMENTS TO RECEIVE LICENCE

Minimum Age: 18 years and a valid Private Pilot Licence - Aeroplane  
Medical Required: Class 1

### COURSE DESCRIPTION

Transport Canada requires:

<b>Minimum</b> Instruction Time:	65 hours including the following:
Dual Flying (with instructor)	35 hours
Cross Country	5 hours
Instrument Time	20 hours
Night Flying	5 hours [2 hours cross country]
Solo Flying	30 hours
Cross Country	300 nautical miles
Night Flying	5 hours [10 take-offs and landings]
<b>Total</b> Flying Time [including Private Pilot Licence training]	200 hours
PIC	100 hours
Cross Country	20 hours

Ground School - 80 hours including the following subjects: Canadian Aviation Regulations; Aerodynamics and Theory of Flight; Meteorology; Airframes, Engines, and Systems; Flight Instruments; Radio and Electronic Theory; Navigation; Flight Operations; Licensing Requirements; and Human Factors including pilot decision-making.

Course includes your Night Rating, VFR Over the Top (VFR-OTT) ratings.

### EXAMINATIONS AND FLIGHT TEST

**Written Examination:** Transport Canada's written examination, CPAER, may be taken in Vancouver or Abbotsford. A minimum of 60% in each of four areas – air law, navigation, meteorology, aeronautics/general knowledge – is required as well as in the overall written examination.

**Flight Test:** Flight Tests are conducted at Chilliwack by Transport Canada approved examiners.

### PRIVILEGES OF LICENSE HOLDER

The Commercial Pilot Licence is the gateway to a professional career in aviation.

## Flight Training and Experience For a Commercial Pilot's Licence:

Each commercial student will undertake a minimum of 35 hours dual flight instruction and 30 hours of supervised solo flight. In addition, a commercial candidate must complete a minimum 100 hours Pilot-in-Command time and a minimum 200 hours total flight time to qualify for the licence.

### The flight training format is as follows:

Training Modules	Flight Exercises	Approximate Flt Hrs
<b>Night Rating</b>	<p>Instrument Flight, Dual and Solo Night</p> <p>Normally, the night rating is the first stage in your commercial training program. You will review and expand your knowledge and skills of instrument flying and complete a minimum of 5 additional hours of instrument flight beyond the Private Pilot Licence level. You will also complete a minimum of 5 dual and 5 solo night hours including a minimum of 2 hours cross-country flight and a minimum of 10 takeoffs and landings. At the completion of this phase of your program you may apply for the addition of the night rating privileges to your Private Pilot Licence.</p>	<b>10 Dual 5 Solo</b>
<b>Commercial Proficiency</b>	<p>Review of Flight Exercises</p> <p>Under the supervision of your instructor you will review and practice each of the flight exercises you learned as a private pilot and bring your skills to the commercial level. The key part of this aspect of training will be to achieve commercial standard for each of the exercises including: slow flight, stalls, steep turns, instrument flight, forced approaches, precautionary landings, diversions, circuit procedures and takeoffs and landings. Commercial flying is based on a very procedural approach to aviation. Cockpit and resource management, human factors, use of SOP's and situational awareness will all be important parts of your training.</p>	<b>5-7 Dual 10 Solo</b>
<b>Instrument Flight</b>	<p>Instrument Flight, Radio Navigation Aids</p> <p>The Commercial Pilot Licence requires that you complete a minimum of 20 hours instrument time. In addition, you will learn to use radio navigation aids--VOR and ADF--to assist in navigation. You will have ample opportunity to practice your radio navigation skills on your various cross-country adventures. The five hours completed as part of your night rating counts toward the total 20 hours required instrument time.</p>	<b>20 Dual</b>

Continued

Training Modules	Flight Exercises	Approximate Flt Hrs
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**Cross Country  
Flights**

Navigation, Departure & Enroute Procedures.

**20 Solo**

Cross country flights are one of the highlights of flight training. You will complete a minimum of 20 hours cross country flying. This will include a minimum 300 nautical mile flight authorized by your instructor and ample opportunity to practice your navigation, radio navigation and piloting skills.

**Flight Test Prep**

Review

**2-3 Dual  
2-3 Solo**

Finally, you will prepare for your flight test. The time required depends entirely on each particular student. You may need very little review or you may require a bit more practice to bring you to flight test standards. At Principal Air we train our students to perform to a high standard, so that on your flight test you will be able to earn your license on the first try.



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<b>Commercial Pilot License</b>	Based on a Cessna 152 or 150	
35 hours dual	Plane: \$130.00/hour Instructor: \$50.00/hour Total: \$180.00/hour	\$6,300
30 hours solo	Plane: \$130.00/hour	\$3,900
Ground School - 80 hours		\$450
Ground Briefing (10 hrs) approx.		\$500
Student Supplies		\$200
Misc Fees Registration Fee/ Night Rating/Commercial License fees		\$310
License Processing Fees		\$190
Flight Test Fee		\$400
Transport Canada Written Examination Fee		\$105
Total Cost of Commercial Instruction		<b>\$12,165.00</b>
Tax (Our Commercial Programs qualify as HST exempt.)		<b>\$0.00</b>
	<b>*Additional Flight Time</b>	
Time Building to reach 100 hrs. (PIC time, aircraft Rental) 75 hrs @ 130 to 150 per hour	Total for time building including tax (HST)	\$9750-\$12,500
Grand total for a Commercial License including all taxes		<b>\$24,500.00</b>