PRINCIPAL AIR LTD

FLIGHT TRAINING / CHARTER

Private Pilot Licence Outline

Welcome to Principal Air and congratulations on taking the first step towards an exciting lifestyle. Few qualifications can match the challenge, opportunity and satisfaction of achieving a pilot's licence!

Learning to become a pilot is an exciting process. Now that you have decided to take the first step into aviation, this package will give you some information on our personalized private pilot licence program.

A private pilot's licence will allow you to fly almost any single engine aircraft under "visual flight rules" and allow you to carry as many passengers as the aircraft is certified to take. You will be able to enjoy everything that aviation has to offer.

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.

We have a variety of instructors with professional teaching backgrounds and we provide a comprehensive, organized approach to your training designed to eliminate wasted time and money.

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PRIVATE PILOT LICENCE

REQUIREMENTS TO RECEIVE LICENCE

Minimum Age: 17 years
Medical Required: Class 3
Examinations to obtain STUDENT PILOT PERMIT and RADIO LICENCE (conducted in our school)

COURSE DESCRIPTION

Transport Canada requires:

Minimum Flight Time: 45 hours including the following:

Dual Flying (with instructor)	17 hours
Solo Flying	12 hours
Dual Cross Country	3 hours
Solo Cross Country	5 hours
Instrument Flying	5 hours

Ground School - 40 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.

EXAMINATIONS AND FLIGHT TEST

Written Examination: Transport Canada's written examination, PPAER, may be taken in house no need to travel to Vancouver. 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 the school by Transport Canada approved examiners.

PRIVILEGES OF LICENCE HOLDER

The Private Pilot Licence allows a holder to fly day VFR, domestic or foreign, in aircraft up to 12,500 pounds with as many passengers as the aircraft is certified to carry. The following ratings may be added to the Private Pilot licence: night rating; VFR over the top rating; multi-engine rating; instrument rating; and float endorsement.

Flight Training and Experience For a Private Pilot's Licence:

Typically each student will undertake approximately 35 to 45 hours of Dual flight instruction and 12 to 15 hours of Solo flight.

The flight training format is as follows:

Training Modules	Flight Exercises	Approximate Flt Hrs
Introductory Flights	Ex. 1 – 9 Attitudes & Movements, Straight & Level, Climbs, Descents, Turns During the initial phase of flight training, you will be introduced to the aircraft and the world of flight. Under the supervision of your instructor, you will learn to perform basic manoeuvres and will develop a level of comfort with the machine in a variety of situations. Gaining familiarity with the local area from the air will be an important and enjoyable aspect of this initial phase of your flight training.	**5 to 10 Dual**
Upper Airwork	Ex. 10 – 15 Range & Endurance, Slow Flight, Stalls, Spins, Spirals, Sideslips During the second stage of flight training, under the direct supervision of your instructor you will learn to perform more complex manoeuvres with the aircraft. You will have an opportunity to explore some of the more interesting aspects of flying and develop the skills necessary for safe flight. Many of the skills required for landing will be developed during this phase of flight training.	**5 to 10 Dual**
The Circuit	Ex. 16 – 19, 29, 30 Take-off, Circuit, Landing, First Solo, Soft Fields, Short Fields, Obstacles, Crosswind, Radio Communication, Emergency Procedures In the circuit, first under the direct supervision of your instructor and later as a student pilot flying solo, you will learn to safely take off and land the aircraft. You will also explore more advanced techniques used for short, cross-wind and soft-field situations. Radio and emergency procedures will also be part of your training. By the end of this phase of training you will be able to safely fly the aircraft on your own!	**8 to 10 Dual** **4 Solo**

Training Modules	Flight Exercises	Approximate Flt Hrs
Lower Airwork	Ex. 20, 21, 22, Illusions, Precautionary Landings, Forced Landings, Diversions Now that you know how to fly, it's time to expand your training to include more advanced techniques. During this phase of flight training you will learn and experience the effects of wind, how to safely land the aircraft in the event of an emergency, low level navigation techniques and how to perform landings away from an aerodrome.	**4-5 Dual** **3 Solo**
Instrument Flying	Ex. 24 Full Panel, Limited Panel, Unusual Attitudes, Radio Navigation Instrument flight is a required part of the training for any private pilot. You will learn to fly the aircraft safely under instruments in the event that visual reference is temporarily lost and how to recover from any unusual attitudes that can result from turbulence or momentary loss of control. This is a particularly valuable aspect of the training and great fun, as well.	**5 Dual**
Cross Country Flights	Ex. 23 Navigation, Departure & Enroute Procedures, Cross country flights are one of the highlights of flight training. You will learn proper navigation techniques while you explore, first with your instructor and then on your own, several local airports and, as a culmination to your training, set off on a 150 nautical mile adventure. For many people, this part of the training is the pay-off for all their hard work.	**5 Dual** **5 Solo**
Flight Test Prep	Review 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.	**5 to 10 Dual** **2-3 Solo**

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PRICE LIST – Private Pilot Licence

Based on a realistic 60 hours' flight time in a Cessna 152. (45 hours is the required minimum). Our Piper Warrior or Cessna 172s are $250 per hour; these are recommended for larger students.

45 hours dual	$220/plane/hour Cessna 152 $80/instructor/hour	
Total/hour	$300 (we do not have any fuel surcharges)	$13,500
15 hours solo	$220/plane/hour	$3,300
Ground School – Online		$200-300
Supplies: (Flight Training Manual, Complete Private Pilot Guide, Kneeboard, 2 Vancouver charts, E6B Flight Computer, Ruler, Protractor, Student Binder etc.)		$350
Ground Briefing (approx. 15 hours)		$1200
Aviation Medical including Processing fee (approximate)		$300
Licencing fees (TC Authorized person in house)		$205
Flight Test (Transport Canada DFTE in house)		$400
Transport Canada Written Test PPAER		$ 250
Total Cessna 152s:		**$19,705**
Total Piper Warrior or Cessna 172s:		**$21,705**

*It is very important to remember that all these prices are approximate. The length of training needed depends on a number of factors and costs will vary accordingly. Prices plus taxes where applicable. Pricing subject to change. This program does not require approval by the registrar of the PTIB and no claim can be made on the student protection fund. International students are also subject to an enrollment fee.

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