



COMMERCIAL PILOT LICENCE (CPL) - DGCA SYLLABUS

YOUR TICKET TO AN AVIATION CAREER IN INDIA



#TheSkyIsCalling

PREPARE TO BECOME A PROFESSIONAL PILOT IN INDIA

Are you ready to start your journey to becoming a professional pilot in India? Obtaining a **Commercial Pilot Licence (CPL)** is your ticket to an aviation career, as it will allow you to take on paid flying work as a professional pilot.

You will first progress through the standard CASA Recreational Pilot Licence (RPL) and Private Pilot Licence (PPL) syllabus, before moving on to CPL theory, where you will learn more advanced flight techniques and procedures. Once you have passed your CPL theory exams you can start building up your flight hours and work towards the CPL flight test.

The standard syllabus has been extended to allow completion of as many DGCA requirements as possible, meaning that pilots can start their aviation career in India sooner.

WHERE CAN A COMMERCIAL PILOT CAREER TAKE YOU?

There are a range of exciting aviation career pathways available to you once you have completed a **Commercial Pilot Licence (CPL)**.

Aside from working towards a career with a commercial airline, there are pilot opportunities in a number of industries including tourism, flight training, agriculture, logistics and passenger transport. **We also have an extensive range of courses that allow you to upskill in even more areas to be best prepared to start your pilot career once you achieve your CPL.**

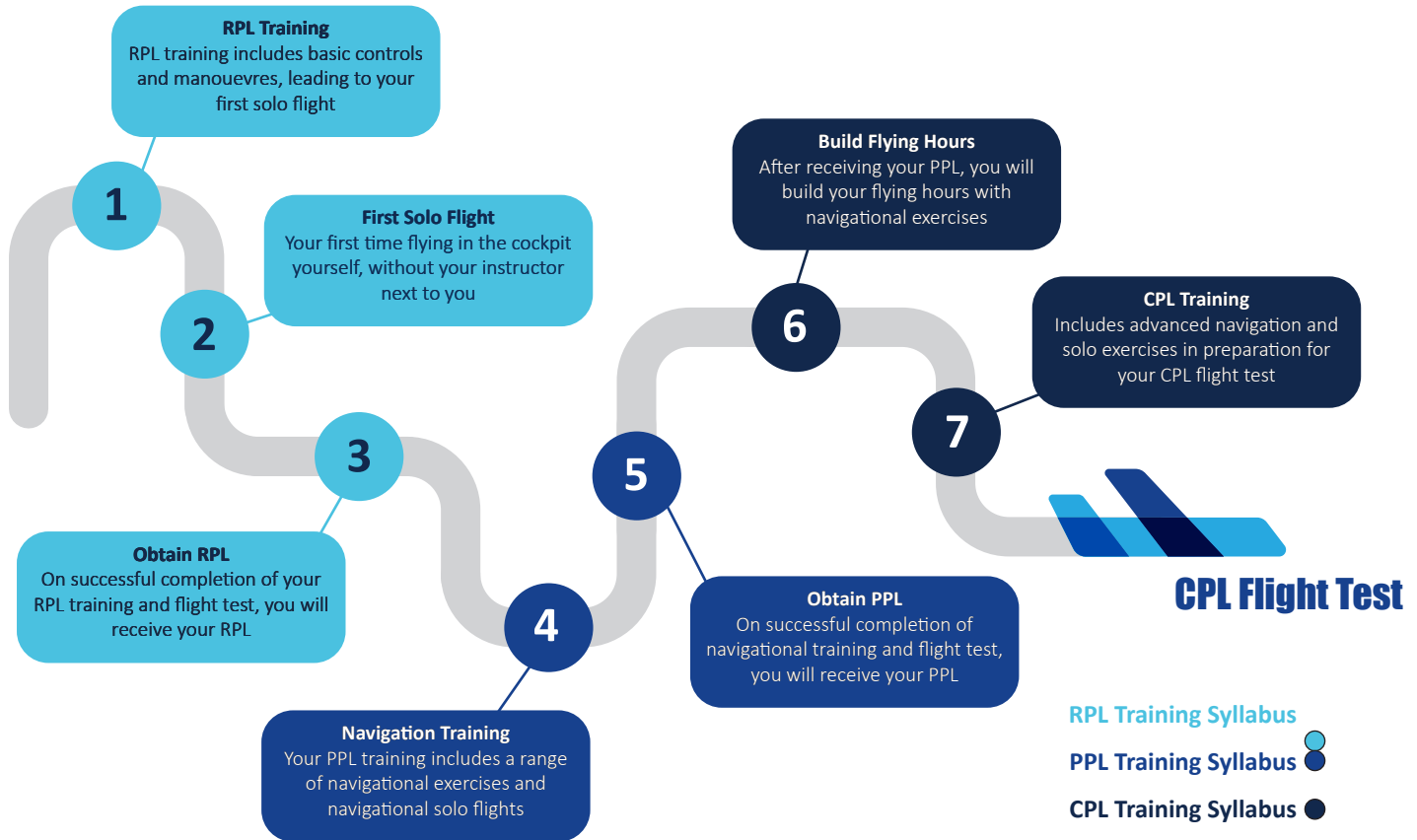
This extended CPL course has been designed specifically to **Indian DGCA commercial pilot requirements.**





TRAINING PROCESS & COURSE SYLLABUS

DGCA CPL Training Process



Module 1 - RPL Flying Syllabus (1/2)

Effects of Controls

Hands on practice in flying the airplane by using the primary, secondary and ancillary controls

Straight & Level

Learn to maintain the airplane in straight and level flight without continuous ascent/descent motion

Climbing & Descending

Learn to climb and descend the airplane within specified tolerances as well as level off at a nominated altitude

Turning

Learn and practice entering, maintaining and rolling out of a medium level turn

Climbing & Descending Turn

Learn how to enter, maintain and roll out of a climbing turn and a descending turn

Stall

Recognise the symptoms and dynamics of a stall, and recover the airplane with minimal loss of altitude

Advanced Stall

Learn the effects of power and flap on the stall, stalling during a climbing turn, and wing drop recovery

Circuit Introduction

Consolidate and revise previous lessons before being introduced to the circuit pattern for an aerodrome

Circuit Normal

Practice takeoff, landing and circuit pattern including upwind, crosswind, downwind, base and final approach legs

Circuit Flapless & Normal

Consolidate previous circuit training with the addition of managing abnormal situations such as flap switch failure

Circuit Emergency Procedures

Learn to manage engine failure after takeoff, missed landing, mid-flight engine failure, and glide approach landing

Pre-Solo Check

Consolidate previous circuit lessons in preparation for your first solo circuit flight

Module 1 - RPL Flying Syllabus (2/2)

Circuit First Solo

Your FIRST SOLO flight (without your instructor in the cockpit) will involve takeoff, circuit pattern flight, and full stop landing

Circuit Solo Checks & Second/Third Solo

Your instructor will fly with you in the circuit and if deemed competent, you will fly two subsequent (longer) solo flights

Steep Turns

Learn to perform steep level and descending turns, and use correct technique to recover from a spiral dive

Practiced Forced Landing

Learn to control the aircraft in the event of an engine failure by maintaining glide speed and performing emergency checks

Crosswind Circuits

You will learn about the effects of crosswind and use correct crosswind technique during takeoff, circuit pattern and landing

Training Area Solo Check

Demonstrate correct outbound and inbound procedures along with stall, forced landing and steep turn techniques

Training Area Solo

If your instructor deems you competent after your Training Area Solo Check, you will complete a solo training area flight

Precautionary Search

Learn to check and assess unfamiliar landing strips for potential hazards before committing to landing

Short Field Takeoff & Landing

Include advanced short takeoff and landing techniques and procedures into circuit pattern flying

Basic Instrument Flying

Perform instrument scan and manoeuvre the aircraft solely using instruments, and recover from unusual aircraft attitudes

Training Area Solo Checks & Second/Third Solo

Consolidate previous training area flight sequences and if deemed competent, you will fly two subsequent solo flights

Pre-Licence Check

A summary flight, where the instructor will check if you are up to RPL standard before sending you for your flight test

Module 2 - PPL Flying Syllabus

Navigation Exercise 1

Basic navigation technique, CLEAROFF checks and CTAF joining procedures.

Navigation Exercise 2

CTAF joins, inclusive of a full stop and taxi. Introduce en-route PFL. Introduce Melbourne Inland and Coastal Route.

Navigation Exercise 3

Introduce Class E Airspace. Introduce low level flying, Lost Procedure and Diversion.

Navigation Exercise 4

This lesson consolidates your First Navigation Solo Check and if your instructor believes you are competent to navigate and return back to your home aerodrome you will be sent on your First Navigation Solo.

First Solo Navigation Flight (Navigation Exercise 5)

Your First Solo Navigation Flight will be a short one, in which you will overfly the destination airport and return back to Moorabbin Airport.

Navigation Exercise 6

Introduce Class C Controlled Airspace procedures.

Navigation Exercise 7

This lesson consolidates your Second Navigation Solo Check and if your instructor believes you are competent to navigate and return back to your home aerodrome you will be sent on your Second Navigation Solo.

Second Navigation Solo Flight (Navigation Exercise 8)

Your second solo navigation flight will be longer than the first one. You are required to land at the destination airport, refuel and return back to Moorabbin Airport.

Navigation Exercise 9

A summary flight, where the instructor will check if you are up to PPL standard before sending you for your flight test.

PPL Flight Test

The testing officer will check if you can effectively demonstrate all that you have learnt through your flight training. If they are satisfied with your knowledge and skills, you will be awarded your Private Pilot Licence.

Module 3 - CPL Flying Syllabus

Aircraft Familiarisation

Become familiar with the specifics of your CPL training aircraft. The CPL training aircraft will be faster and will have additional features such as Constant Speed Unit (CSU) propeller.

CPL Navigation Exercises

The CPL flight training consists of navigation exercises, including a cross-country flight totalling at least 540km (300NM) with full stop landings at two aerodromes different from the aerodromes of departure.

Hours Building

Your CPL requires you to have a total of 150 hours with 70 flown solo (as Pilot-in-Command) as a legal minimum. In order to gain the required 70 hours of Pilot-In-Command time, you will be given planned navigation exercises.

Pre-Licence

A summary flight, where the instructor will check if you are up to CPL standard before sending you for your CPL flight test.

CPL Flight Test

The testing officer will check if you can effectively demonstrate all that you have learnt throughout your flight training. If they are satisfied with your knowledge and skills, you will be awarded your Commercial Pilot Licence.

Extended Syllabus - DGCA Requirements

Extended training to meet requirements prior to your DGCA application in India:

Total Flying Hours:

200 flying hours in total, including 100 flying hours as Pilot in Command.

Cross Country Flying Hours:

20 cross country flying hours (50 cross country flying hours required for Instrument Rating).

Cross Country Check Reports:

At least one 300NM flight with two full stop landings, one 250NM flight with one full stop landing, and one 120NM flight at night (returning to point of departure without landing).

Night Flying:

5 hours of night flying as Pilot In Command with certification documenting 10 take-offs and 10 landings at night.

Instrument Rating:

40 instrument flying hours in total in an actual aircraft and/or simulator (with no more than 20 of those hours in a simulator), with at least 5 instrument flying hours in an actual aircraft in the 6 months preceding DGCA application.

Multi-Engine Endorsement:

At least 10 hrs of training on the multi-engine aircraft for which the endorsement is requested (including test/check).

DGCA CPL Course Duration



FULL TIME 12 MONTHS

Flying and studying 4-5 days per week



PART TIME 24+ MONTHS

Flying and studying 1-2 days per week

*Average duration based on past students. Course duration will depend entirely on individual student time commitment.

AIRCRAFT SELECTION



DA40

Diamond Aircraft



Continental CD-135 Engine/Lycoming IO-360
Garmin G500 or Garmin G1000 Avionics
Maximum Take-Off Weight (MTOW) 1150/1200kgs
Cruising Speed 130kts
4 Seater



172 SKYHAWK

Cessna

Lycoming IO-360-L2A Engine
Garmin G430 Avionics + Analogue Instruments
Maximum Take-Off Weight (MTOW) 1100kgs
Cruising Speed 122kts
4 Seater



DA42

Diamond Aircraft



- Continental CD-135 Engine x 2
- FADEC single lever power controls
- Garmin G1000 Avionics
- Maximum Take-Off Weight (MTOW) 2000kgs
- Cruising Speed 150kts @ 60% Power
- 4 Seater



PA44 SEMINOLE

Piper

2 × Lycoming O-360-E1A6 Engines
Garmin G430 Avionics + Analogue Instruments
Maximum Take-Off Weight (MTOW) 1700kgs
Cruising Speed 162kts @ 70% Power
4 Seater





FLIGHT PACKAGE & LICENCE OPTIONS

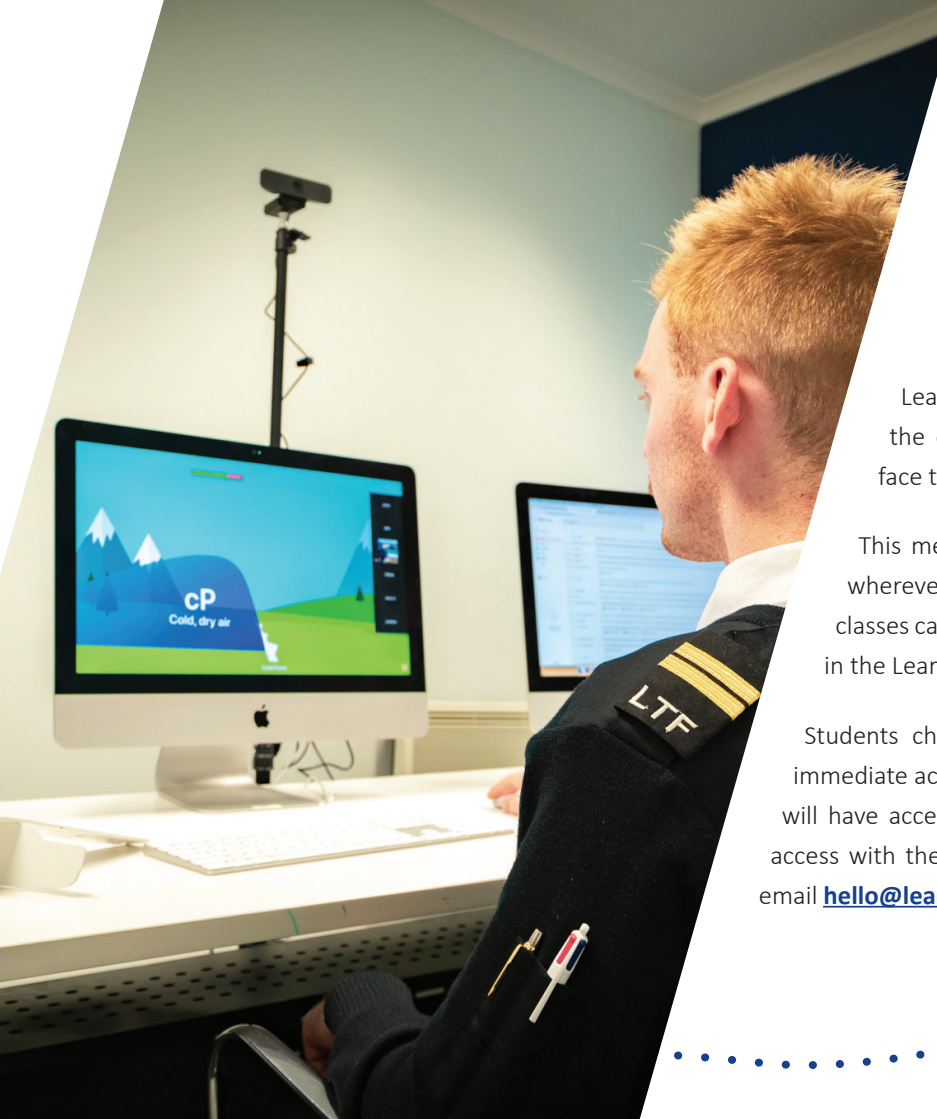
DGCA CPL - FLIGHT PACKAGE DETAILS

Package	DGCA CPL Program (230 Hours)
Practical Flight Training (Dual) - Single Engine	95 Hours
Practical Flight Training (Dual) - Multi-Engine	15 Hours
Pilot In Command (Including Supervised Solo) - Single Engine	100 Hours
Simulation Training (Dual)- ALSIM AL42	20 Hours
RPL + PPL + CPL Ground Theory Course + Books	✓
CASA Theory Exam & Flight Test Fees	✓
Aviation English Language Proficiency (AELP) Test	✓
Navigation Kit - Flight Computer & Charts	✓
Uniform & Logbook	✓
Online Student Portal Access	✓
 Cessna 172 + Piper Seminole	\$96,770
 Cessna 172 + Diamond DA42	\$99,170
 Diamond DA40 + Diamond DA42	\$112,870

Online Student Portal access includes full subscription to RPL, PPL and CPL online theory courses, including mock exams. You may be required to purchase ancillary items not provided in the package, including Aviation Medical Check, additional competency and flight test flying hours (if required), and landing fees at other airports during navigational flights. Prices are in AUD and are subject to change. You will be charged based on the current pricing schedule at the time of booking. Current as at July 2021.



ONLINE TRAINING OPTIONS

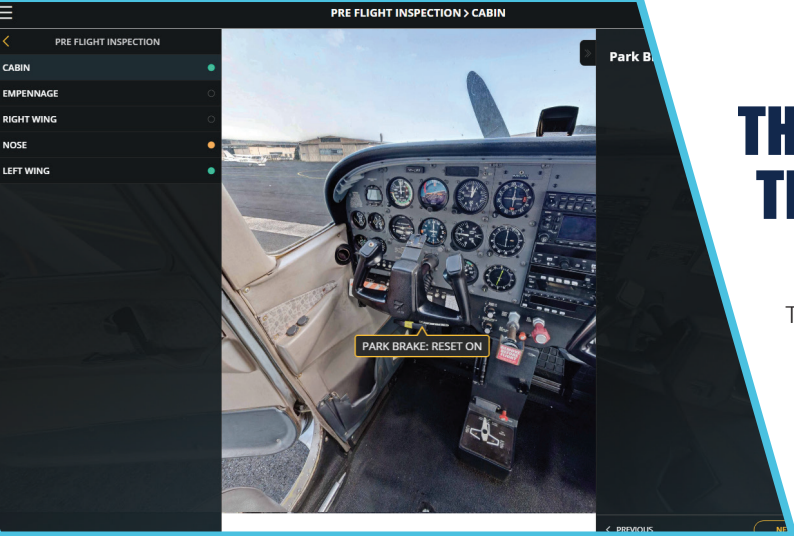


FLEXIBLE OPTIONS TO COMPLETE YOUR THEORY TRAINING

Learn To Fly embraces the latest technology to allow you the option to complete your theory training in traditional face to face classes, or online.

This means that you can complete your theory training from wherever you are in the world, at your own pace. Online theory classes can be offered as a live online class, or watched at any time in the Learn To Fly Student Portal by subscription.

Students choosing our Flight Package payment option will have immediate access to all features of the portal. Pay As You Fly students will have access to limited features in the portal, but can enjoy full access with the purchase of a Theory Package. For more information email hello@learntofly.edu.au.

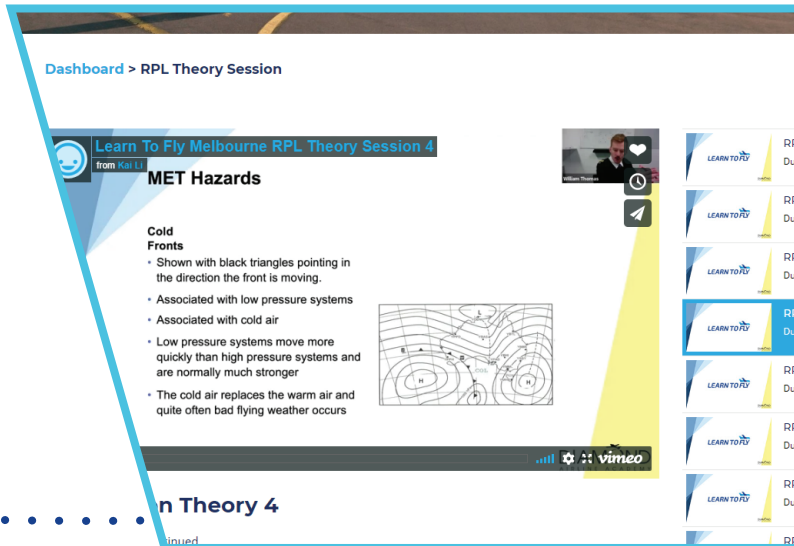


THE LTF STUDENT PORTAL LETS YOU TRAIN ANYTIME, ANYWHERE

The Learn To Fly Online Student Portal takes your flight training to the next level, allowing you to access state-of-the-art features to **advance your learning anytime, anywhere.**

Aircraft Procedural Training with V360E Virtual Cockpit

We are the first flight school in Australia to offer access to 360 degree virtual cockpit environments using the V360E platform. This amazing technology allows students to view the cockpit and run through detailed checklists and procedures, better preparing you for your time in the actual aircraft. Only available with Flight/Theory Package purchase.



Online Theory Training

Our student portal gives you 24 hour access to each of the individual ground theory training sessions in your chosen course, conducted by an experienced instructor and recorded live. You can watch and re-watch theory sessions as many times as you like. Only available with Flight/Theory Package purchase.

MOCK EXAMS

Dashboard > RPL Mock Exams

Examination and Task list

Item ID	Examination and Task	Completed by	Link
RPL-1	RPL Mock Exam 1		Take exam
RPL-2	RPL Mock Exam 2		Take exam
RPL-3	RPL Mock Exam 3		Take exam

TRACK YOUR TRAINING PROGRESS AND PREPARE FOR SUCCESS

Preparation is the key to success, and the Learn To Fly Online Student Portal gives students and their instructors the ability to see exactly how they are progressing through a course.

Live Flight Training Sequence Updates

The portal allows students to track their progression through every component of their course, with links to important information and each task overseen directly by their primary Learn To Fly Flight Instructor.

Dashboard > RPL Flight Training Sequence

Student may require the following documents to complete the RPL training:
 CAR 1988, CASR Part 61, CAO, ERSA, VFRC, Bob Tait PPL Book VOL 1 & 2, VTC map

Flight Training Sequence

Examination and Task	Completed by	Link	Status
ARN Application	Lesson 1 EOC	Click here	Completed
Aviation Security Identity Card	Lesson 1 EOC	Click here	Completed
Class 1 OR Class 2 Medical Check	Lesson 4 Turning	Click here	Completed
Aircraft Engineering Paper	Lesson 4 Turning	Download	Completed
Pre-Solo Assignment	Lesson 7 Circuit		Completed
Pre-Solo Exam	Lesson 11 Circuits Flapless	Not available	Result pending
AELP Test	Lesson 11 Circuits Flapless		Completed
FROL	Lesson 11 Circuits Flapless	Take exam	Incomplete
Pre-Area Solo Assignment	Lesson 18 Solo Circuits 2		Completed
Aircraft Questionnaire	Lesson 18 Solo Circuits 2	Take exam - Sling	Incomplete
Pre-Area Solo Exam	Lesson 20 Forced Landing	Not available	Result pending
RPL Assignment	Lesson 24 First Training Area Solo		Incomplete

Mock Exams

For students preparing for their theory exams, the portal offers timed mock exams that simulate the actual exam environment, so you are as prepared as possible for the real thing. Only available with Flight/Theory Package purchase.



OUR GRADUATE: NANKI LAMBA

"After completing the DGCA CPL syllabus with LTF, my next step will be to complete the MECIR. After that I will return to India where I can have my licence converted, and then commence a Type Rating. I love how approachable the instructors are at LTF, and I have learnt so much from both them and the diverse student community - it's great that they offer the CPL course with the DGCA syllabus." – Nanki Lamba



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