

Microlight navigation short course

The aim of the course is to introduce the concepts of aeronautical navigation and flight planning as required by microlight pilots. The course follows the content of PPL subject six to a large extent but is less comprehensive. It covers all RAANZ e-learning modules. The course should provide students with the knowledge and skills to plan and execute cross-country flights and successfully sit the microlight navigation exam.

Topics:

- Earth, maps, compass
- VNCs, approach/terminal charts
- Measuring direction, wind triangle
- Flight log, fuel weight, UTC, ECT
- Course corrections, flying the plan, navigating
- GPS, computer
- (Avplan, Windy for advanced planning)

Location:

On-line: Teams video conferencing.

Pre-requisite:

Some knowledge of aviation weather, some basic mathematics concepts.

Required:

Ruler, protractor, calculator or E6B, pencil, eraser, VNC (old or current - I have a few spare old ones), paper.

Presenter:

Rainer Kunнемeyer – RAANZ senior instructor. p.: 021 910 185, e.: r.kunнемeyer@gmail.com

Timetable:

Day	Date	Time	Topic
1	Tue, 21/10/2025	1900-2130	Basics
2	Thu, 23/10/2025	1900-2130	Flight log
3	Tue, 28/10/2025	1900-2130	Navigation
4	Thu, 30/10/2025	1900-2130	GPS, Computer, Apps
5	tba	1900-2130	Practice, advanced planning, Windy

Each evening is two 1 hr lessons, which include some practical work. Day 4 covers how to drive a Garmin GPS and Avplan software. Day 5 would be a discussion for advanced pilots – how to plan long distance flights. RAANZ exams can be arranged individually if required.

Cost:

MAC members free, others \$50 per person, due before the first lesson.

Bank account:

Name: Piako Flyers Limited
Number: 03 1547 0408143 000