



PICO XC Pre- Flight Workshop Briefing Document

This document is to be used as the basis for the pre-flight workshop for all PICO CLUB XC Flights.

Introduction Statement: The primary goals of the cross country flights is **SAFETY and SKILLS IMPROVEMENT.**

The flights should consist of a pre-flight workshop, flight planning, weather assessment and equipment check.

Arrangements should be made, or considered for, out-landing retrievals and emergencies.

The content of the workshop is the HGFA Op's Manual PPG XC Endorsement requirements.

WORKSHOP TOPICS to cover:

- **Assessment of weather** at launch and forecast for the flight – to include possible fronts, seabreezes and winds at varying altitudes – and what to do when encountering them.
- **Trip Planning** – Wind direction versus trip direction, ground speed/air speed at varying heights, fuel burn versus trip distance (including reserve fuel), time for planned trip and map assessment of trip prior to launch. Discussion on practical trip goals.
- **Airspace** regulations for the trip
- **Micro-met issues** – mountains or ridges (which side to follow) – ground induced turbulence (mountains, towns, forests) – wind shear (seabreezes coming in, etc)
- **Landing options** throughout the trip (including emergencies)
- **Equipment requirements** - to include:
 - ✓ Fuel system and methods of checking.
 - ✓ Battery powered gear – fully charged ?
 - ✓ Communications – channel & reliability.
 - ✓ GPS – set up to include map, track and ground speed.
 - ✓ Engine sound & performance during trip.
 - ✓ Trimmers usage.