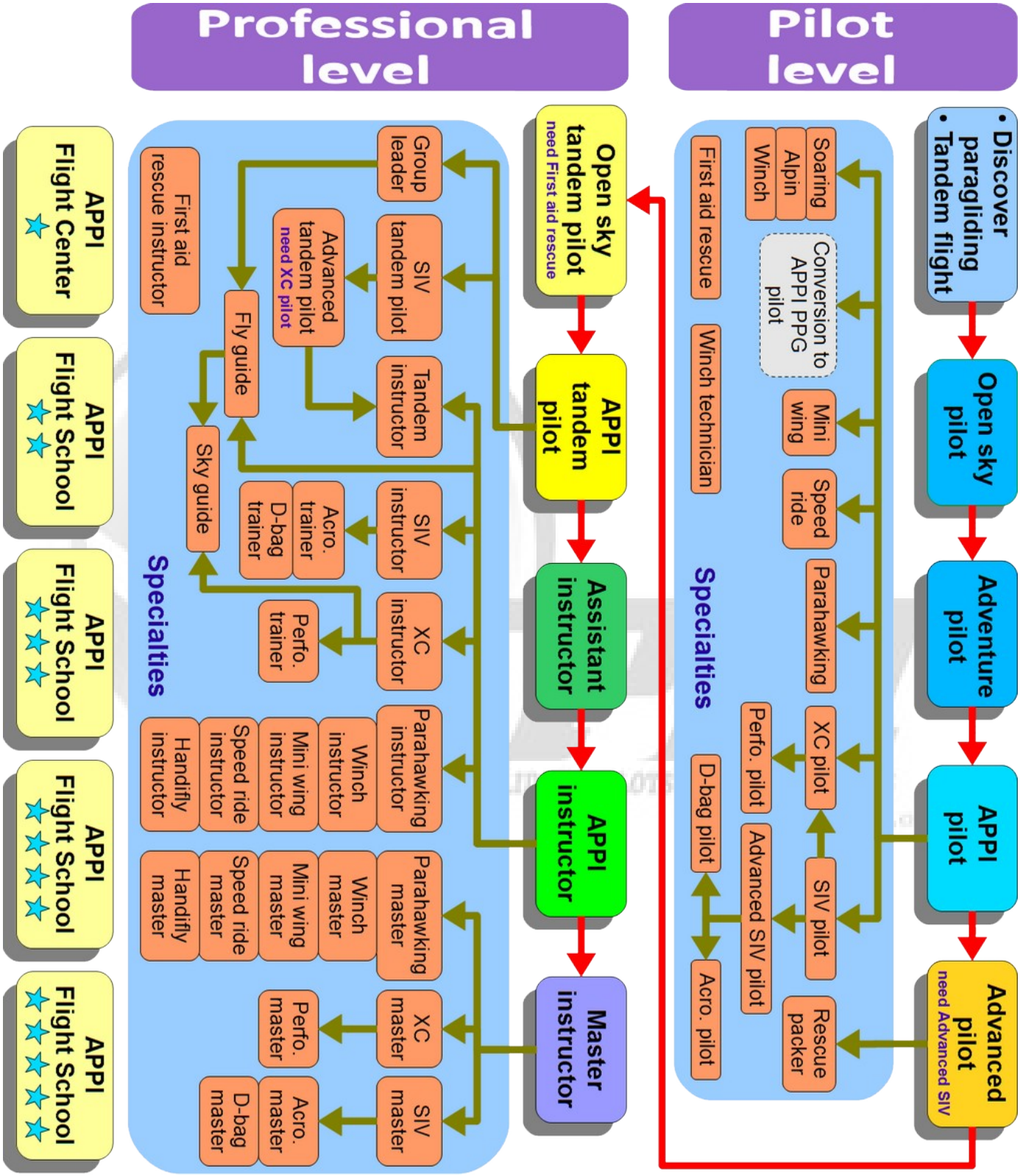
International Personal Paragliding Idintification

IPPI Flight LOGBOOK for Solo Pilot

Version 1.13

IPPI Education System

Choose from a wide range of IPPI paragliding certification courses with many study options.



*** A member must confirm online the personal information of account to receive the IPPI certification card**

Welcome to IPPI

Welcome in the world of Paragliding

IPPI is a pioneering Paragliding International organizatio which brings an evolutionary system of the highest quality in Paragliding Education.

Professional International Standard, best pedagogic system, safet online insurance and online training resources. Our aim is to help you to fly happily and above all safely! This is our priority and th is the reason IPPI exists.

IPPI provides a license that is internationally recognized and of the highest standard.

IPPI is a growing WORLDWIDE FLYING COMMUNITY and ASSOCIATION for development of paragliding for the benefit of all individuals, from beginners to solo pilots, professional tandem pilots and instructors.

Once a validated member you can find online at www.ippi.org all the information needed to increase your knowledge and skills, acquire new qualifications, manuals, exams, information on flyin in other countries, flying atlas, photos, list of IPPI schools...

As a benefit of being an IPPI member, any IPPI pilot can get one day FREE assistance in any IPPI school in the world.

What is this logbook for?

By keeping careful records of your flights it logs your hours for yourself and your paraglider. It reminds you of sites you have visited and your flying experience. It plots your progression as a pilot. It records your flying history and achievements. I is an essential document for all IPPI courses.

With IPPI you:

- **Find the best standard around the world**
- **Find schools and places to fly all around the world**
- **Find the guarantee of the best paragliding schools**
- **Get your license and international certification**
- **Update your level all around the world**
- **Find new friends everywhere you go**
- **Find the best way for your paragliding insurance**
- **Participate and be active in the world of paragliding**

In this logbook you:

- ✔ **Find the most modern and revolutionary system to progress safely though each stage**
- ✔ **Reach definable stages or goals easily**
- ✔ **Expand your operational and natural freedom**
- ✔ **A chart to map your progress in your paragliding caree**
- ✔ **Fly safely as a life style !**

IPPI is an evolutionary system, a modern practical way of learning and teaching. An intelligent way of living.

Name : **Blood group :**

E-mail: **Tel:**

Address:

In case of accident, person to contact:

Record of Qualifications gained		
Ratings	**Date**	**Instructor**
First aid rescue		
Open Sky Pilot		
Adventure Pilot		
APPI Pilot		
Soaring		
Alpine		
Winch		
SIV Pilot		
Advanced SIV		
XC Pilot		
Perf. Pilot		
Acro. Pilot		
D-bag Pilot		
Mini-wing		
Speed ride		
Parahawking		
Advanced Pilot		
Rescue Packer		

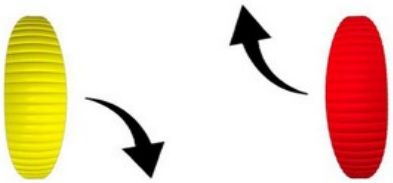
AIRLAW

Aerial Collision Avoidance

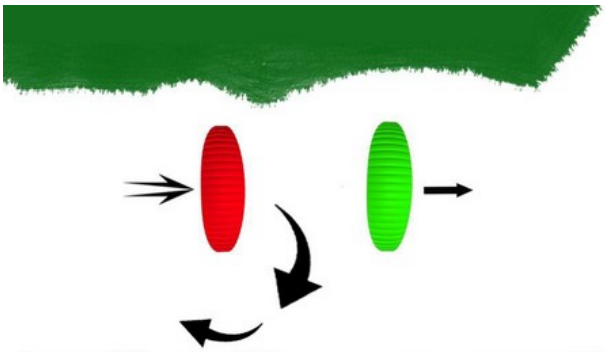
1st RULE

AVOID COLLISION!

HEAD ON

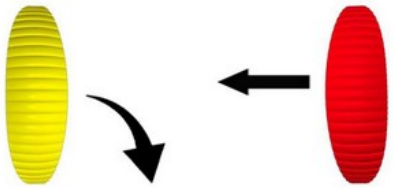


TURN RIGHT



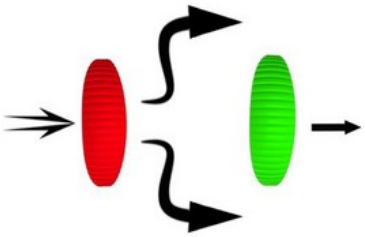
RIDGE SOARING turn rather than overtake

HEAD ON near ridge



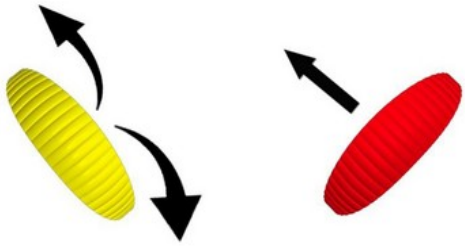
Pilot with ridge on his right has right of way

OVERTAKING



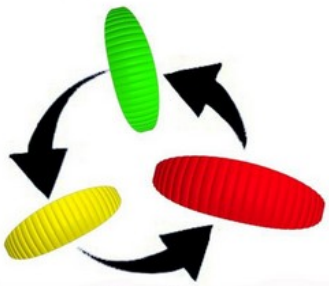
Either side with good clearance

CONVERGING



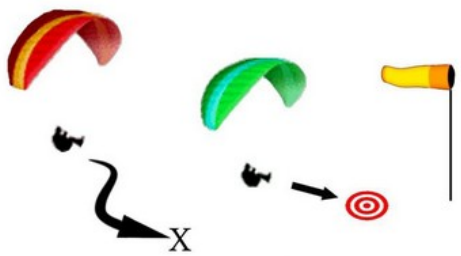
Pilot on the right has right of way

THERMALLING



Turn in the same direction as upper pilot

LANDING



Lower pilot has priority

IPPI

TAKE OFF PROCEDURE

INFLATE

I

CONTROL

C

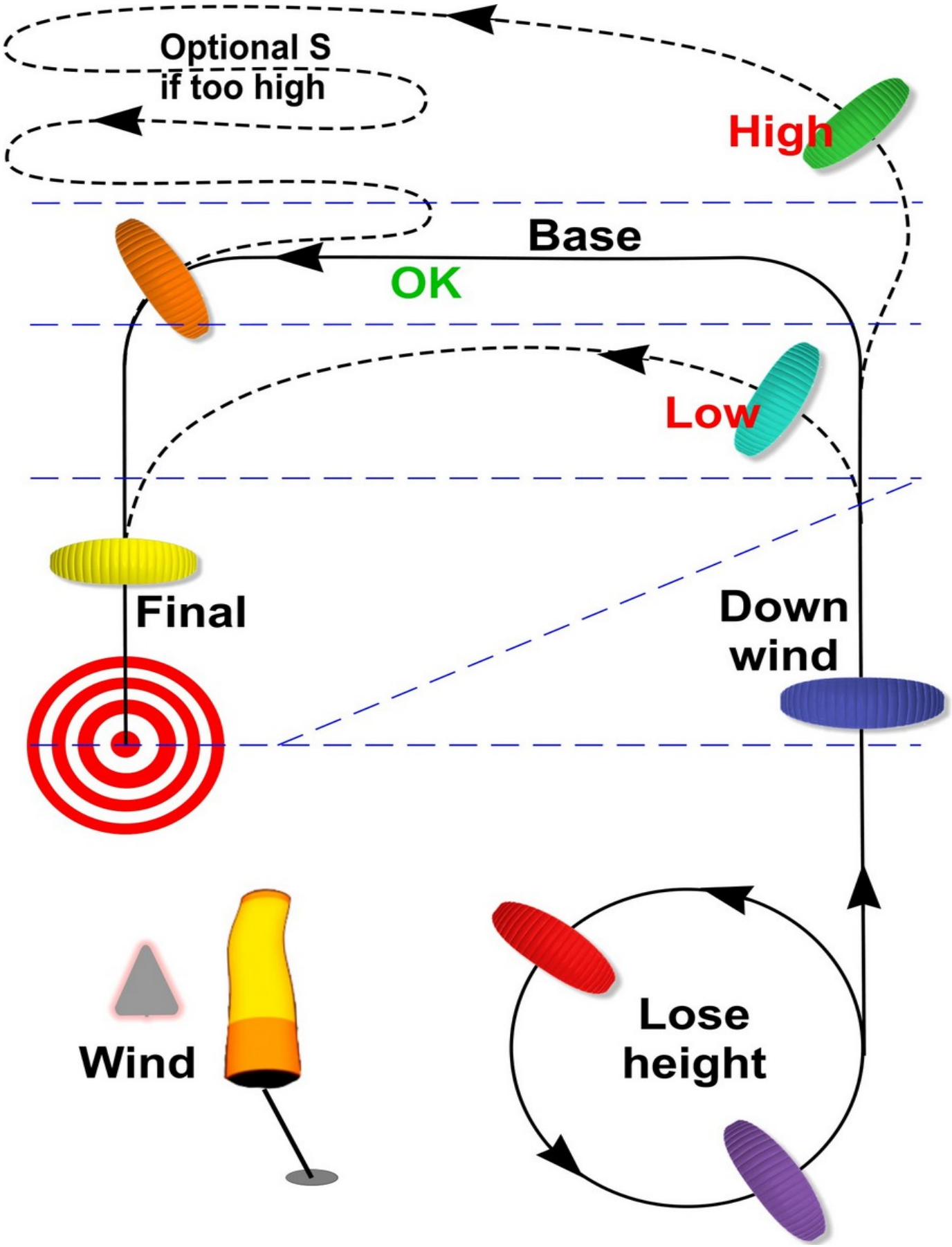
DECIDE

D

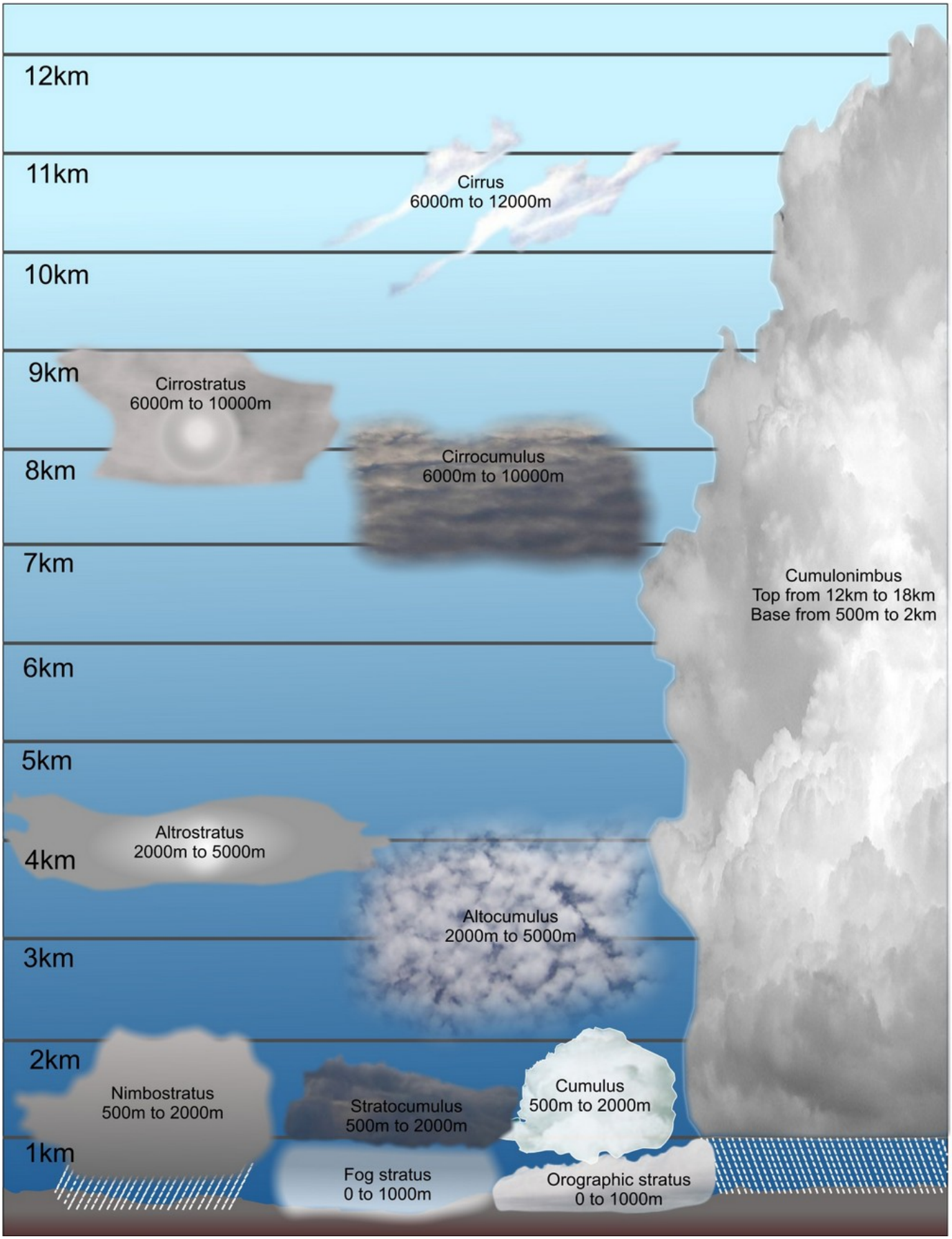
ACCELERATE

A

LANDING PROCESS



Types of cloud



Open Sky Pilot

Theoretical knowledge	Date	Instructor
➢ **WEATHER** : Airflow - Over obstacles/ Hills, ridges, gullies/ Venturi areas/ Evolution of the day/ Valley wind/ Anabatic/ Katabatic/ Sea breeze/ Lee side turbulence/ Wind gradient/ Slope lift/ Basic cloud types : Cirrus/ Alto Stratus / Cumulus		
➢ **MECHANICS OF FLIGHT** : How a paraglider flies/ 3 axes pitch roll/ Yaw/ Air forces/ Air speed and ground speed/ Trajectory and drift/ Different speed ranges of the glider		
➢ **AIRLAW** : Consider and respect environment and rules of site/ Airspace rules and anti-collision rules		
➢ **AIRMANSHIP** : Active piloting / Types of turn/ Take off/ In flight and landing procedure/ Understand safe speed to fly/ Emergency landings : trees, water, power lines/ Parachute landing fall/ Reserve parachute		
➢ **STATE OF MIND** : Physical and emotional/ Understand limits		
➢ **EQUIPMENT** : Introduction/ Care and maintenance/ Reserve parachute on pre-flight check and how to use		
➢ **ANALYSIS** : Wind direction and speed; / Consider the shape of the slope; choose the right place to lay out. Daily weather analysis : Clouds / conditions / predict and analyse the evolution of the day		

- **14 years minimum age, depending on local rules**
- **Minimum of 5 days course**

Beginner Tasks	Date	Instructor
Intro Equipment/ Maintenance/ Vocabulary		
Daily inspection - material checking/ Packing		
Weather analysis/ Airflow/ Site inspection		
Take-off 5 point control/ pre-flight checks 1. **Glider** laid out into wind in an arc, lines untangled, reserve pin in place, brakes and front risers in hands 2. **All buckles fastened** harness, helmet, carabiners 3. **Wind** strength, direction, thermic cycle, weather 4. **Take off stop line** decision point. Turn direction 5. **Airspace** all clear above behind and around		
Take off in 4 phases 1. **Inflation** good timing/ right speed/ look ahead 2. **Control** with the break/ efficient visual check 3. **Decision** to take off or stop by safety stop line 4. **Acceleration** leaning on chest strap, keep running, contact point good trajectory		
Slalom: trajectory/pitch /roll axis in contact with glider		
Harness simulator/getting in and out of harness/ turns		
Inflight check, hands through brake handles		
Small flights		
Follow flight plan/ 3 D markers/ correction of trajectory		
Flight with changes in direction: 90/ 180/ 270/ 360		
Explore speed range, best glide ratio/ max speed/ min sink		
Create pitch let stabilize/ create roll let stabilize		
Loss of height stable in good speed range		
Final approach : stable/ speed/ legs down/ looking ahead		
Landing into wind / flare / final braking		

Adventure Pilot

Theoretical knowledge	Date	Instructor
➢ **WEATHER** : Global weather/ High and low pressure systems/ Isobars/ Air masses/ Weather fronts : Cold, Warm, Occluded/ Associated clouds/ Lenticular cloud/ Cumulonimbus/ Orography / Radiation fog/ Temperature inversion		
➢ **MECHANICS OF FLIGHT** : Pitch on a slope/ pendulum stability/ Understand causes and recovery from Stalls/ Spins/ Asymmetric and symmetric collapse		
➢ **AIRLAW** : Airspace rules and regulations/ APPI rules/ Keep a logbook/ Wear a helmet		
➢ **AIRMANSHIP** : Emergency landings on trees, water, power lines / Parachute landing fall/ Reserve parachute		
➢ **STATE OF MIND** : physical and emotional/ Understand limits		
➢ **EQUIPMENT** : Know how to connect and adjust the speed bar/ Adjust harness length/ Safety of chest strap setting/ Seat/ Check safety points of a reserve system/ Understand the maintenance and packing periodicity		
➢ **ANALYSIS** : Daily weather analysis/ Taking topographic markers in flight/ Slope/ Height difference/ Approach/ Landing analyze conditions : wind speed, direction, cycles/ Choose right timing/ Taking information, position and condition, on landing wind sock/ Drift		

- **14 years minimum age, depending on local rules**
- **Minimum of 10 days course**

Intermediate Tasks	Date	Signature
Make clear the 3 parts of the flight: Take-off/ Flight/ Landing		
Daily weather analysis and evolution		
Take-off 5 point control/ pre-flight checks		
Take off in 4 phases : Inflation/ Control/ Decision/ Acceleration/ Looking ahead with good trajectory		
Stopping the take-off on safety line		
After take-off in flight check/ Getting into harness		
Hands through brake handles		
Respecting flying direction after take off		
Big Ear + change of trajectory		
Roll + control/ roll with big ears		
Pitch control		
Speed bar		
Speed control		
Figure 8/ Down wind/ Up wind position		
Landing technique PTU/ S/ 8		
Landing in decided area		
Maneuvering with D line in case of brake line failure		

APPI Pilot

Theoretical knowledge	Date	Signature
➢ **WEATHER : Temperature inversion/ Thermal triggers and collectors/ Evolution during the day/ Stability and instability/ Temperature gradient/ Inversions/ Dangerous situations for flight**		
➢ **MECHANICS OF FLIGHT : Mechanics of big ears and speed bar/ Spiral dive, neutral and unneutral rotation/ Understand and practice asymmetric collapse/ Symmetric collapse/ B line stall**		
➢ **AIRLAW: Understand airspace rules & obligations as Pilot**		
➢ **AIRMANSHIP : Using ridge lift/ Weight shift away from slope/ Thermalling skills/ Terrain avoidance / flying with others / limitations of currency and experience**		
➢ **STATE OF MIND : Understand limits of glider/ Weather/ Mental/ Maneuvering safely/ Terrain/ Traffic/ Conditions/ Stability / Understand the reached level and the risk of the activity**		
➢ **EQUIPMENT : Daily inspection and Maintenance/ Glider weight range and certification/ Know how to assess damage on a glider**		
➢ **ANALYSIS : Weather/ Wind analysis before and during the flight/ Safety attitude planning flying plan/ Understand the airflow/ Plan the evolution of the conditions during the day/ Be able to adapt the flight and landing to changes in conditions**		

- **16 years minimum age, depending on local rules**
- **Minimum of 15 days course**

APPI Pilot Tasks	Date	Instructor
Daily Weather Analysis, timing cycles		
Takeoff procedures / 5 point pre-flight check		
Starting and following own flight plan		
Choosing when to take off , good running		
After take-off in flight check/ Harness/ Trajectory		
Take-off with side wind 45 degrees max		
Managing the glider on pitch and roll axis		
Respecting flying distance from other pilots and terrain		
Descent technique : Big ears with speed bar/ B stall		
Keep a correct angle of attack		
Using lift in safe way/ Body and brake balance/ Different Rhythms of turn		
Managing basic asymmetric collapse/ Frontal collapse/ Trajectory/ Opening		
Using slope lift/ Soaring/ Placement/ Speed range glider		
Thermalling, controlling outside brake		
Precise landing in changing conditions		
Emergency landing process		
Flying with others		
Accident procedure APPI		
Understand limits: Glider/ Weather/ Mental		
Minimum 25 flights with registered instructor on logbook		
Pass Theoretical exam (upon exam on APPI website, 50 questions with at least 80% correct answers)		

Advanced Pilot

Theoretical knowledge	Date	Instructor
➢ **WEATHER** : Global weather/ High and low pressure systems/ Isobars/ Air masses/ Weather fronts : Cold, Warm, Occluded/ Associated clouds/ Lenticular cloud/ Cumulonimbus/ Orography / Radiation fog/ Temperature inversion		
➢ **MECHANICS OF FLIGHT** : Understand the limits of flight/ How to induce and recover from full stalls/ Spins/ Spiral dives/ Sats		
➢ **AIRLAW** : Plan flights with aeronautical map and navigate through allowed areas		
➢ **AIRMANSHIP** : Objective evaluation of situations/ Flight analysis/ Fly a long time/ Managing stress level/ Keep concentration/ Find timings to rest/ Be able to see the possibilities of the type of flight		
➢ **STATE OF MIND** : Be able to plan the future/ Individual progression on different flying types/ Other qualifications/ Be able to not fly if conditions or state of mind are unsuitable/ Understanding the risk of performance flying and adapt behavior		
➢ **EQUIPMENT** : Know how to inspect and make minor repairs to glider/ Brake lines/ Stitching/ Know how to use flight instruments/ Know how to adjust the harness before and during the flight		
➢ **ANALYSIS** : Compare the weather report with the conditions on site/ Predict the evolution of the day and flying possibilities/ Keep analyzing all through the flight/ Be able to choose take off and landing areas when out of official flying site		

- **16 years minimum age, depending on local rules**

Advanced Pilot Tasks	Date	Instructor
Must be a qualified IPPI pilot		
Valid first aid certificate		
Minimum of one year experience with 200 flights and 100 hours on logbook or 120 flights under IPPI instructor supervision		
10 different flying sites, Alpin and Soaring		
IPPI certified Alpin and Soaring		
Advanced SIV certification with complete 3 days Advanced SIV course		
Pass Theoretical exam (Advanced pilot exam from IPPI website with 100 questions and minimum 80% correct answers)		
Pass Practical Exam (3 solo flights with 2 IPPI Instructors)		

N°	Date	Flying site	Glider	Conditions (cloud, wind, temperature)

Signature :

Notes