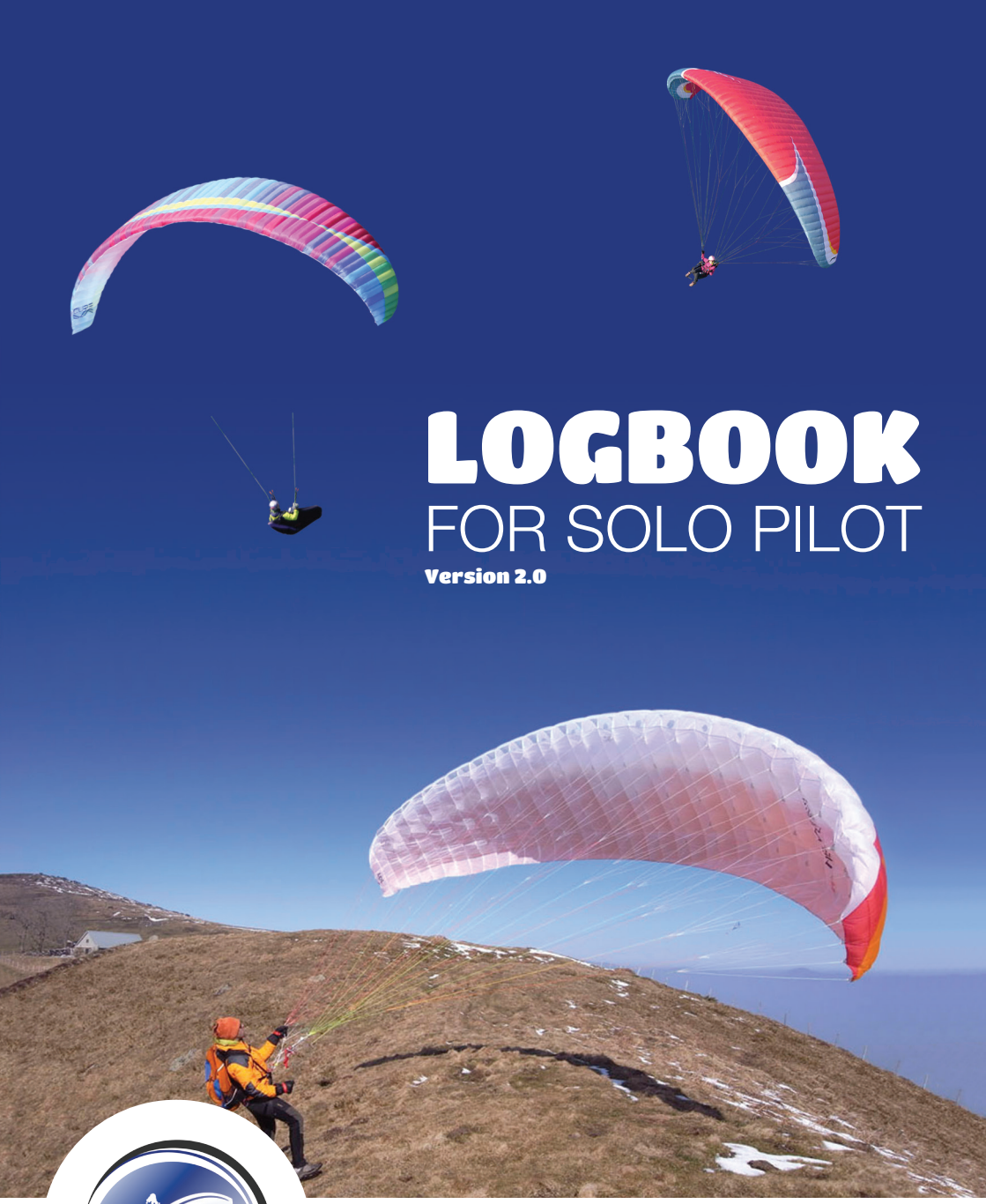

LOGBOOK
FOR SOLO PILOT

Version 2.0

APPI
ASSOCIATION of PARAGLIDING PILOTS and INSTRUCTORS

PILOT INFORMATION

Name: APPI license number:

E-mail: Birth date:

Tel: Blood group:

Address:

Person to contact in case of accident:

Name: Tel 1:

E-mail: Tel 2:

Address:

SCHOOL:

WELCOME TO APPI

WELCOME TO THE WORLD OF PARAGLIDING

APPI is a pioneering International organization, bringing a worldwide system of Paragliding Education for the benefit of all individuals and community. Our priority is to help you to fly happily, safely, without borders!

As a member you can find online all the information needed to increase your knowledge and skills at **www.appifly.org**.
As a benefit of being an APPI member, you will be freely welcomed in any APPI school or APPI flying site around the world.

WHAT IS THIS LOGBOOK FOR?

By keeping careful records of your flights it logs your hours for yourself and your paraglider. It provides a record of your progression and achievements. It is an essential document for all your pilot life.

WITH APPI YOU:

- **Find** a global education system to progress safely through each stage.
- **Find** schools and places to fly and update your level anywhere in the world.
- **Find** a worldwide insurance (restricted to specific countries).
- **Get** your license and international certification.
- **Participate** and be active in the world of paragliding.

IMPORTANT:

Your paragliding activity (solo, tandem, instruction) must comply with the laws of the country in which it is performed.

APPI certification awarded to a pilot is internal to the APPI system, and gives no particular rights, unless APPI is recognized by the legal authority managing free flight in that country. Ask your local APPI instructor to know if such an agreement exists.

APPI strongly recommends its members to be insured for paragliding activity, in case of an accident, APPI does not accept any liability.

" APPI makes you HAPPY! "

OPEN SKY PILOT

Discover paragliding – First solo flight experience. To enroll in the course, we recommend to previously have done a tandem discovery flight and have good health. Required legal representative authorization for minors.

THEORETICAL KNOWLEDGE	Date	Instructor (name & signature)
WEATHER: Airflow over ground and obstacles, lee side turbulence, wind gradient, venturi, slope lift / different types of wind. Basic cloud types: Stratus - Cumulus.		
MECHANICS OF FLIGHT: How a glider flies: limits, collapse-stall / 3 axes pitch, roll, yaw.		
AIRLAW: Consider and respect environment and site regulations / basic anti-collision rules.		
PILOTING: Takeoff, flight and landing process, radio failure procedure / air speed and ground speed, speed range from trim speed to min sink. Trajectory and wind drift, keep 2 points in a line.		
EQUIPMENT: Vocabulary, care and maintenance, sticker information, weight range.		
ANALYSIS: Obstacles, wind direction and strength on takeoff.		
MENTAL STATE: Emotional control, know limits of the pilot and the sport, respect briefings.		
GROUND HANDLING TASKS	**Date**	**Instructor**
On the flat (maximum wind speed 15 km/h):		
Pre inflation with A and rear risers, and clear the trailing edge with brake lines.		
Execute slalom with 30° turns.		
Keep the glider inflated at min. and max. speed.		
On a slope (5° to 20°, maximum wind speed 15 km/h):		
Inflate, leave the A risers and control.		
Stop the glider on instructor's order.		
Keep the waist strap pressure during whole takeoff.		
Good pilot/ glider balance during acceleration.		

PRACTICAL TASKS	Date	Instructor
Daily inspection / material checking / packing.		
Weather analysis: wind strength, direction and thermal cycle, airflow, site inspection.		
Preparation of equipment: choose launch place and stop line / glider laid out into wind in an arc, untangle lines / reserve pin & handle in place / helmet / get into harness / radio check.		
Pre-flight check 5 points: **B.E.S.A.F.E.** • **Buckles** (legs, waist & chest straps, helmet, carabiners) • **Equipment** (reserve, glider, lines, brakes, speed bar, radio) • **Stop line** (visualize limits and technique) • **Airflow** (wind direction, strength, cycles) • **Free airspace and runway** **+ Enjoy** your flight		
Takeoff in 5 phases: • **Inflation:** right moment, energy adapted to wind and terrain, look ahead, waist strap pressure. • **Control:** right moment, deep with the brakes, waist strap pressure, glider above head. • **Decision:** stop or go on stop line. • **Acceleration:** waist strap pressure, trajectory, correct hands position, good pilot-glider balance. • **Takeoff / Clear terrain:** trajectory control, traffic check, get into harness, in flight check.		
Harness simulator: getting in & out, turn practice.		
Small flights: follow flight plan, trajectory correction, good response to radio instructions.		
If possible, two solo high flights: straight flight with drift control keeping 2 points in a line. Changes in direction 90° & 180° turns: look, weight shift & turn.		
Final approach: straight into wind, stable, speed, upright in harness, legs down, looking ahead efficient final braking.		

To validate the level:
a minimum of 3 days course including minimum one day ground handling, and all practical and theoretical courses successfully completed

Instructor signature:

After certification:
you can only fly under certified instructor supervision with radio communication.

ADVENTURE PILOT

School pilot improving his skills and knowledge on his way to become an independent pilot. To enroll in the course, you need to have recently completed APPI Open Sky pilot certificate or equivalent level.

THEORETICAL KNOWLEDGE	Date	Instructor (name & signature)
WEATHER: Evolution of the day / stability, instability / Basic clouds.		
MECHANICS OF FLIGHT: Angles on an airfoil, pitch theory / understand causes of stalls, spins, asymmetric and symmetric collapses.		
AIRLAW: Anti-collision rules / APPI rules.		
PILOTING: Introduction of active piloting / effect of wind and brakes on glide angle / assess sink or lift during flight by looking at 2 points.		
EQUIPMENT: Adjust harness, waist strap setting and understand consequences / glider aging.		
ANALYSIS: Choice of good moment for inflation and energy to give / Understand safe areas to fly. Visualize landing direction & entry door for final leg.		
MENTAL STATE: Awareness and management of mental state, safety in flight, self-analysis.		

GROUND HANDLING TASKS	Date	Instructor
On the flat (maximum wind speed 15 km/h):		
Controlling the glider with A and rear risers: up, down, left, right.		
Inflate the glider with 30° side wind.		
Control a fast glider inflation (no collapse).		
Keep the glider above his head, 10 seconds minimum.		
On a slope (5° to 20°, maximum wind speed 15 km/h):		
Control and check visually the glider above his head.		
Stop the takeoff on stop line.		
Correct hand position and trajectory during acceleration and after takeoff.		

PRACTICAL TASKS	Date	Instructor
Daily weather analysis and short time evolution / name the basic clouds.		
Master 5 points pre-flight check: **B.E.S.A.F.E.**		
Improve takeoff in 5 phases **with visual check**.		
Trajectory control after takeoff.		
Speed range: best glide ratio / trim speed / min sink - no minimum speed!		
360° turns / figure of 8 at trim speed and minimum sink.		
Drift management with side wind at trim speed and minimum sink.		
Pitch and control.		
Roll and control.		
Big Ears + change of direction.		
Glide ratio appreciation by looking at still spot: in flight with different hand positions, with big ears, and during landing.		
Loss of height upwind of landing.		
Partially assisted approach on one technique: U, or 8, or S (to autonomy).		
Master final leg and final braking.		

To validate the level:

- Minimum 10 flights in total with instructor sign-off on logbook.
- Minimum of 10 days course in total.
- Meet all requirements of the level.

Instructor signature:

After certification:
you can only fly under certified instructor supervision with radio communication.

APPI PILOT

Able to fly alone, supervision recommended if not in the learning site. To enroll in the course, you need to be recently certified as an APPI Adventure pilot or have an equivalent level.

THEORETICAL KNOWLEDGE	Date	Instructor (name & signature)
WEATHER: Global weather, high and low pressure systems, air masses, isobars, fronts: cold, warm, occluded. Internet tools for global and local forecast and their limits / Dangerous situations for flight.		
MECHANICS OF FLIGHT: Mechanics of big ears and speed bar / Spiral dive, danger (spiral lock) and recovery procedure. Effect of wind gradient on angle of attack.		
AIRLAW: Airspace rules & obligations as pilot.		
PILOTING: Using ridge lift and thermal lift. Speed polar: speed to use (hand position and speed bar) for best ground glide in head-back wind, sink or lift. Collapse, stall and spin avoidance and recovery. Know about emergency landings (trees, water, power lines, road) and accident procedure.		
EQUIPMENT: Know how to assess damage on a glider. Radio operation (auto power off, lock, unlock, change frequency, reset) and communication procedure (name, location, altitude, subject). Reserve parachute: pre-flight check, how to use, and maintain, parachute landing fall.		
ANALYSIS: Good decision to fly or not, recognizes dangerous situations for flight. Correct time of the day to fly considering his abilities and anticipate conditions on landing.		
MENTAL STATE: Understand the reached level and the risk of the activity, mental and physical limitations, motivation, mental strength, self evaluation, make plans for own progression.		

PRACTICAL TASKS	Date	Instructor
Weather analysis / safe decision to fly or not.		
Make own flight plan.		
Master 5 points pre-flight check: **B.E.S.A.F.E.**		
Master one takeoff technique (forward or reverse).		
Introduction to the other type of takeoff technique.		
Takeoff with side wind 45 degrees max.		
Accurate drift control and glide ratio appreciation using points alignment.		
In flight keep glider in balance in variable conditions.		
Respecting flying distance from others & terrain.		
Use of speed bar for safety.		
Descent technique: Big ears with speed bar.		
Maneuvering with rear risers if brake line failure.		
Introduction to thermal flying, control bank angle and outside collapse.		
Introduction to ridge soaring, flying straight with weight shift away from terrain.		
Body and brake coordination for different types of turns.		
Basic asymmetric collapse 25% and fly straight.		
Master one of the approach technique using speed range of the glider (know about the others approaches)		
Manage landing approach with other pilots.		
Precise landing in changing conditions.		

APPI PILOT

GROUND HANDLING TASKS	Date	Instructor
On the flat (maximum wind speed 15 km/h):		
Make a wall from a mushroom using A and rear risers and clear the trailing edge with brakes.		
Keep the glider with trailing edge one meter above the ground for 5 seconds. (in light wind with 1 A in each hand or in stronger wind with 2 A in one hand and 2 rear risers in other hand)		
Keep the glider over-head, 30 seconds minimum.		
Execute slalom with 45 degrees turns.		
Walk at minimum and maximum speed with the glider over-head.		
On a slope (5° to 20°, maximum wind speed 15 km/h):		
Walk up the slope with A and rear risers.		
Keep the glider over-head for a minimum of 5 seconds without taking off.		
ALPINE THERMALLING CERTIFICATION	**Date**	**Instructor**
10 flights in thermal conditions.		
Topography and wind analysis.		
U-approach.		
RIDGE SOARING CERTIFICATION	**Date**	**Instructor**
10 flights minimum.		
Takeoff techniques with strong wind.		
Know how to perform top landing approaches with escape options, landing only if easy and safe.		
Figure of 8 landing approach.		
WINCH CERTIFICATION	**Date**	**Instructor**
5 flights by winching.		
Techniques to hook in and release.		
Safety procedures.		

APPI PILOT

Validation of THEORETICAL EXAM with 80% minimum right answers:

Date: Signature:

Validation of PRACTICAL EXAM, 2 flights (one more joker flight if needed):

Pratical exam criteria:

- Correct **weather analysis** for the next hour.
- **Pre-flight check**, no mistake, no hesitation.
- **Takeoff in 5 phases** under control and safe.
- **Adapted flight** plan to conditions, terrain and others.
- Efficient **big ears** (trailing edge free).
- **Pitch and control** within limits, good timing for control and release.
- Good **height management** with adapted approach (S, 8 or U).
- **Final leg stable,** into the wind. Landing in the preset field, less than 40m away from the target, on feet and with good final braking.
- Respect the **rules** and demonstrate correct attitude

Date:

School:

Location:

Glider:

To validate your APPI Pilot examination, you need:

- ☐ Minimum of 15 days course.
- ☐ Minimum 30 flights signed by instructor on logbook.
- ☐ Meet all theoretical, practical and ground handling requirements.
- ☐ Have one of the 3 certfiications (Alpine thermalling or Ridge soaring or Winch).

	Flight 1	Flight 2	Joker flight
Weather analysis			
Pre-flight checks			
Takeoff			
Exercises			
Approach			
Landing			

APPI Pilot obligations:

- Must carry a reserve.
- Accident report mandatory.
- Keep logbook updated.

Instructor signature:

SIV SAFETY TRAINING CERTIFICATION

Get to know the glider's limits and learn to avoid and recover from flight incidents.
To enroll in the course, you need to be independent on takeoff and landing.

THEORETICAL KNOWLEDGE	Date	Instructor (name & signature)
SAFETY BRIEFING: Emotional control: safe takeoff-landing / box / avoid spiral in water! How to deal with water landing / reserve deployment process. Gear check with reserve extraction.		
EQUIPMENT: Waist strap, harness geometry, lines, materials, maintenance, certification.		
MECHANICS OF FLIGHT: Pendulum, ears and speed bar, speed range / stability and instability of profile / mechanics of collapses and stalls.		
PILOTING: Pitch control: energy, timing / active piloting / body position / over reaction. Fast descent techniques and limits.		
RESERVE DEPLOYMENT: Situations and procedures.		

MENTAL STATE	Basic SIV		Advanced SIV	
	Date	Instructor	Date	Instructor
Safe takeoff and landing.				
Altitude awareness / Respect box.				
Respect the briefing.				
Timing and energy.				
Stress management.				
Adrenaline rush, risk control, over/ under confidence.				

All practical exercises must be performed above water, with safety equipment and supervised by APPI SIV instructor.

Instructor signature:

BASIC SIV EXERCISES	Date	Instructor
Pitch Control.		
Big ears with speed bar.		
Symmetric Collapse.		
Asymmetric collapse, fly straight.		
Spiral and progressive exit.		
OPTIONAL BASIC SIV EXERCISES	**Date**	**Instructor**
B line stall.		
Roll with and without big ears.		
Dynamic turn.		
180° turn in opposite side of the collapse.		
Landing with rear risers.		
ADVANCED SIV EXERCISES	**Date**	**Instructor**
Full Stall.		
Back Fly.		
90° spin.		
Spin to Back fly.		
Minimum speed.		
Exit from auto-rotation;		
Exit spiral dive (dynamic and progressive).		
OPTIONAL ADVANCED SIV EXERCISES	**Date**	**Instructor**
360° turns, flat to deep to flat.		
Wing overs.		
Collapses on speed bar.		
Dynamic spin.		
Reserve deployment.		
Glider stabilization (avoid down plane effect).		
Ground handling: Back fly and spin on the ground.		

XC CERTIFICATION

Increase airtime, fly high and far.
To enroll in the course you need to be APPI pilot or equivalent level, SIV certification recommended.

THEORETICAL & PRACTICAL KNOWLEDGE	Date	Instructor (name & signature)
WEATHER: Global and local weather forecasting internet tools. Thermal theory (stability, instability, trigger): Lift, convergence, orientation of slope. Typical traps: prisoner effect, midday hole, katabatic cascade on stable day.		
MECHANICS OF FLIGHT: Polar curve, speed to fly, best glide angle over ground.		
AIRLAW: Introduction to aeronautical map, controlled airspace.		
PILOTING: Master forward and reverse takeoff techniques. Techniques for the first turns in a thermal, thermalling efficiency. Different ways to make the glider turn. Able to reach and wait at ceiling (cloud base). Judge glide angle and advanced drift control strategy. Master approach and landing in unknown field.		
EQUIPMENT: Harness adjustment before and during the flight. Know the risks associated with pod harnesses. Brake line adjustments (check with speed bar, trailing edge free). Flight instruments: glide ratio, ground speed, averaged climb rate, know airspeeds of the glider. Radio operations.		
ANALYSIS: Observation, knowledge, concentration. Clear strategy before takeoff to find the first thermal. Establish flight plans. After climbing first thermal, compare to forecast (lift strength, ceiling altitude, wind), assess the evolution of the day and adapt flight plan. How to find a safe landing area from the air and always be in reach.		
MENTAL STATE: Stress factors identification and control, management of tiredness and concentration level. Understanding the risk of performance flying. Keep good safety margins regarding own level, site, others and conditions. Accurate self debriefing and self analysis.		

You need 3 XC flights (20km with a minimum of 3 transitions per flight):

	Flight 1	Flight 2	Flight 3
Date			
Flying site			
Glider			
Max height			
Distance			
Duration			
Comments (out & return, triangle, conditions…)			
Instructor signature			

To validate the level:

Meet all requirements and please keep your GPS tracks proving your flights.

Instructor signature:

ADVANCED PILOT

Pilot with wide range of skills and experience, ready to go pro. To enroll in the course, you need: To be a Ridge soaring and Alpine certified pilot for at least one year & to have advanced SIV and XC certifications, 200 flights and 100 hours minimum on 10 different flying sites + equipment in good conditions (or test report).

THEORETICAL KNOWLEDGE	Date	Instructor (name & signature)
WEATHER: Deep knowledge of global and local weather. Master forecasting tools, Skew-Tephigram = soundings.		
MECHANICS OF FLIGHT: Limits of angle of attack in flight, wind effect on angle of attack / transitory movements. Brake action and migration of center of pressure / stability and instability of profile / spiral stability and unstability.		
PILOTING: Master forward and reverse launch in a wide range of conditions and topography. Active flying in stronger thermal conditions (avoid collapses). Know how to induce and recover from full stalls and spins. Use full brake range of the glider safely. Use speed bar for performance flying. Manage landing approach with other pilots. Precise landing in changing conditions.		
AIRLAW: Plan flights with aeronautical map and navigate through allowed airspace.		
EQUIPMENT: Know about materials. Lines: polyethylene (Dyneema), aramid (Kevlar), aromatic polyester (Vectran) aging, risks and maintenance. Brake line adjustments. Know how to inspect and make minor repairs to the glider. Know how to use flight instruments and radio.		
ANALYSIS: Compare the weather report with the actual conditions, predict the evolution of the day and the flying possibilities, route planning. Constant analysis during flight, able to readjust flight plan.		
MENTAL STATE: Accurate risk assessment and management (avoid accumulated risk factors) keeping margins,know when not to fly. Constant self evaluation and planned personal progression.		

GROUND HANDLING TASKS	Date	Instructor
On the flat (maximum wind speed 25 km/h):		
Able to keep the glider with one wing tip touching the ground minimum 5 seconds.		
Switch wing tip touch right and left 2 times each.		
Able to sit on the ground with glider flying,10 seconds minimum.		
Slalom with 90° turns.		
Able to do figure of 8 on the ground.		
Back fly inflation with leading edge one meter above the ground during 5 seconds.		
Leading edge on the ground, able to reverse the glider.		
Recover 2 lines asymmetric collapse on the ground.		
On a slope (5° to 20°, maximum wind speed 25 km/h):		
Able to inflate from a mushroom with wing tip out (omega shape).		
Cobra inflation.		
Able to takeoff from 0 to 30km/h wind, without assitance using forward and reverse launch.		
Able to keep the glider over-head for a minimum of 15 seconds without taking off.		

ADVANCED PILOT

Validation of THEORETICAL EXAM with 80% minimum right answers:

Date: Signature:

Validation of PRACTICAL EXAM, 3 flights (one more joker flight if needed):

Date: Location:

School: Glider:

Pratical exam criteria:

- Accurate **weather analysis** and forecast for the next two hours.
- **Pre-flight checks**, no hazards, takeoff clean and clear.
- Demonstrate **forward and reverse takeoff** techniques, clean and clear.
- **Adapt the flight plan** to conditions, terrain and others.
- One turn **360°** on the right, one turn 360° on the left in less than 25 seconds with entrance and exit in the same axes (time stops when glider is stable).
- Two turn **360°** in the same direction in less than 20 seconds with entrance and exit in the same axes.
- Execution of two types of **fast descent** techniques.
- **U-approach**, landing safely on the feet, inside circle of 30 meters diameter for two flights.
- U-approach, landing safely on the feet, inside circle of 50 meters diameter **in slope 30°** (top landing), **or landing with the D-risers** in circle of 50 meters on the flat.

To validate your APPI Advance Pilot examination, you need:

- ☐ Meet all theoretical, practical and ground handling requirements.
- ☐ To be a ridge soaring and alpine certified.
- ☐ To be pilot certified for at least one year.
- ☐ To have advanced SIV and XC certifications,
- ☐ Minimum 200 flights and 100 hours on 10 different flying sites.
- ☐ Equipment in good conditions (test report if avalable).
- ☐ Validation of APPI theorical exam
- ☐ Validation of APPI practical exam

In case of one previous item failed, the whole flight will be considered as failed, and one joker flight should be proposed.

In case of major safety problem, the exam will be failed.

ADVANCED PILOT

APPI Pilot obligations:

- Must comply with local rules.
- Accident report mandatory.
- Keep logbook updated.

	Flight 1	Flight 2	Flight 3	Joker flight
Weather analysis				
Pre-flight checks				
Takeoff				
Exercises				
Approach				
Landing				

Instructor 1 signature: **Instructor 2 signature:**

N°	Date	Flying site	Glider	Conditions (cloud, wind, max. altitude, max. lift)

Signature:

Duration	Training exercise	Comments (takeoff, flight, landing, distance...)

Page time: **Report time:** **Total time:**

N°	Date	Flying site	Glider	Conditions (cloud, wind, max. altitude, max. lift)

Signature:

Duration	Training exercise	Comments (takeoff, flight, landing, distance...)

Page time: **Report time:** **Total time:**

N°	Date	Flying site	Glider	Conditions (cloud, wind, max. altitude, max. lift)

Signature:

Duration	Training exercise	Comments (takeoff, flight, landing, distance...)

Page time: **Report time:** **Total time:**

N°	Date	Flying site	Glider	Conditions (cloud, wind, max. altitude, max. lift)

Signature:

Duration	Training exercise	Comments (takeoff, flight, landing, distance...)

Page time: **Report time:** **Total time:**

N°	Date	Flying site	Glider	Conditions (cloud, wind, max. altitude, max. lift)

Signature:

Duration	Training exercise	Comments (takeoff, flight, landing, distance...)

Page time: **Report time:** **Total time:**

N°	Date	Flying site	Glider	Conditions (cloud, wind, max. altitude, max. lift)

Signature:

Duration	Training exercise	Comments (takeoff, flight, landing, distance...)

Page time: **Report time:** **Total time:**

N°	Date	Flying site	Glider	Conditions (cloud, wind, max. altitude, max. lift)

Signature:

Duration	Training exercise	Comments (takeoff, flight, landing, distance...)

Page time: **Report time:** **Total time:**

N°	Date	Flying site	Glider	Conditions (cloud, wind, max. altitude, max. lift)

Signature:

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Signature:

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Signature:

Duration	Training exercise	Comments (takeoff, flight, landing, distance...)

Page time: **Report time:** **Total time:**

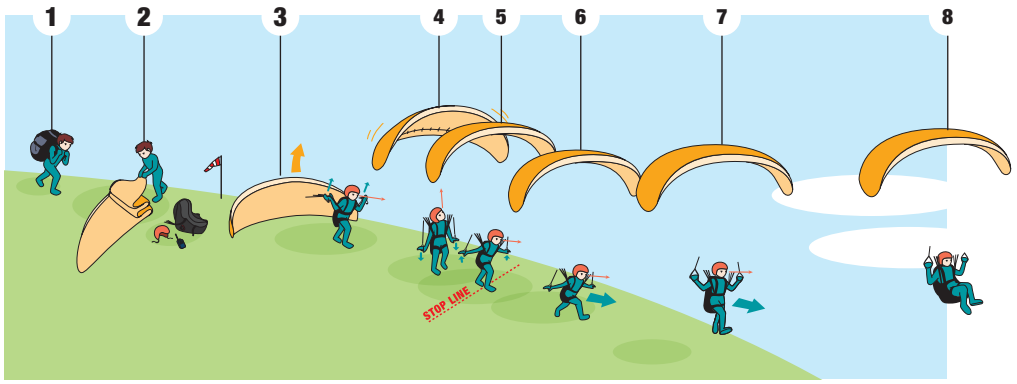
N°	Date	Flying site	Glider	Conditions (cloud, wind, max. altitude, max. lift)

Signature:

Duration	Training exercise	Comments (takeoff, flight, landing, distance...)

Page time: **Report time:** **Total time:**

APPI GLOBAL FLIGHT PROCESS



I – TAKEOFF

① Preparation / Set-up
- Mental state awareness
- Choose place (wind, obstacle, slope)
- Set-up (glider in U shape, ⊥ wind)
- Clear the lines (1 by 1 or pre-inflation)
- Get into harness (check reserve first)

② Pre-flight check: B.E.S.A.F.E.
- **Buckles** (legs, waist & chest straps, helmet, carabiners)
- **Equipment** (reserve, glider, lines, brakes, speed bar, radio)
- **Stop line** (visualize limits and technique)
- **Airflow** (wind direction, strength, cycles)
- **Free airspace and runway**

+ Enjoy your flight

③ Inflation
- Choose the moment
- Quick look around
- Symmetric position of the hands
- Chest-strap pressure

④ Control
- Timing (release A > commands)
- Deep action on commands
- +/- look

⑤ Decision > Stop or Go

⑥ Acceleration
- Chest-strap pressure
- Hand position
- Balance pilot/glider
- Look ahead
- Trajectory

⑦ Takeoff
- Don't release commands
- Trajectory, **clear terrain**
- Speed range

⑧ End of takeoff procedure
- Traffic check
- Get in the harness, in-flight check

II – FLIGHT

Air speed ≠ Ground speed
Air trajectory ≠ Ground trajectory (Drift)

Speed range / Air (+/- 2 km/h)
- Best glide ratio ≈ 39 km/h
- Hands up speed ≈ 37 km/h
- Min sink speed ≈ 34 km/h
- Min speed ≈ 25 km/h (not for beginner)

Heading correction
- Visual marker 2 points
- Drift visualization and control
- Look, lean, +/- command

Turn control
- Take markers, 90°, 180°, 360°
- From trim speed:
  look, lean, pull inside command, release.
- From min sink speed:
  look, lean, release outside command, return to min sink speed.
- Leaning and command actions are progressive
- Traffic rules

Rescue procedure
- look-reach-pull, throw, control glider

Exercises
- Pitch control
- Roll control
- Big ears + speed bar
- Figure of 8
  (stay there, forward, backward)
- Min sink, turn

III – LANDING

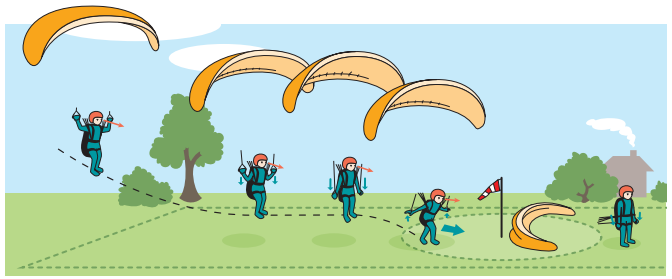
- 3 different approach-landing
- Target > get into final door at good height and good place

Arrive in landing area high enough and upwind to
- Anticipate
- Take information (landing size, obstacles, wind direction and velocity, other pilots)
- Imagine and build your approach

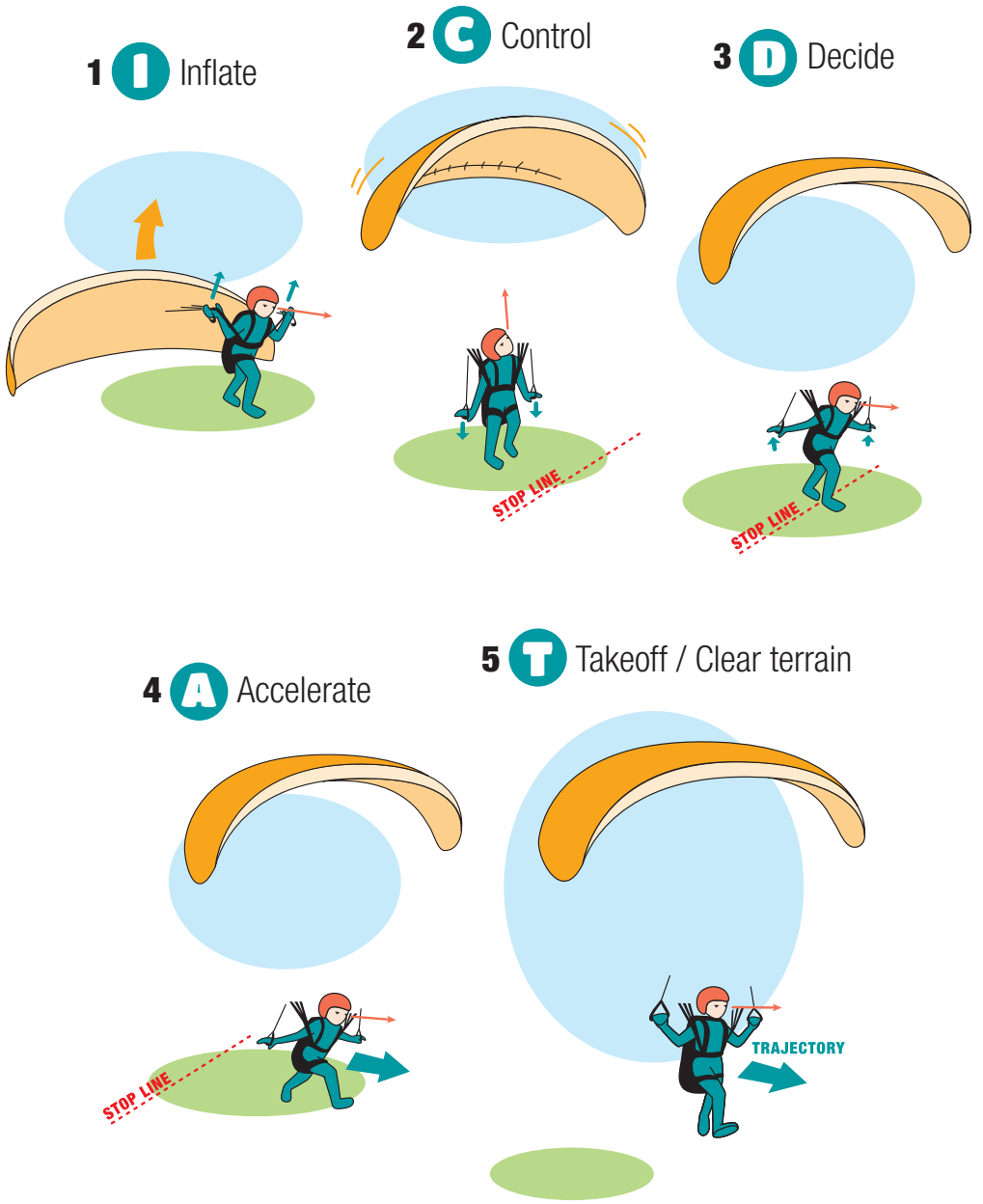
Final must be long enough to
- Stand up if not done before (recommended before)
- Take speed (wind gradient, final braking)
- Adjust trajectory using weight shift
- Adjust final braking (flare, timing)

Some basics
- When start approach:
  - Never fly over landing (keep 45° angle)
  - Never put landing in your back
- Place of the base part:
  - Windy conditions: make the base leg closer to the target
  - Light wind: base further
- No obstacle between you and landing
- Final must be into the wind
- See your fixed point

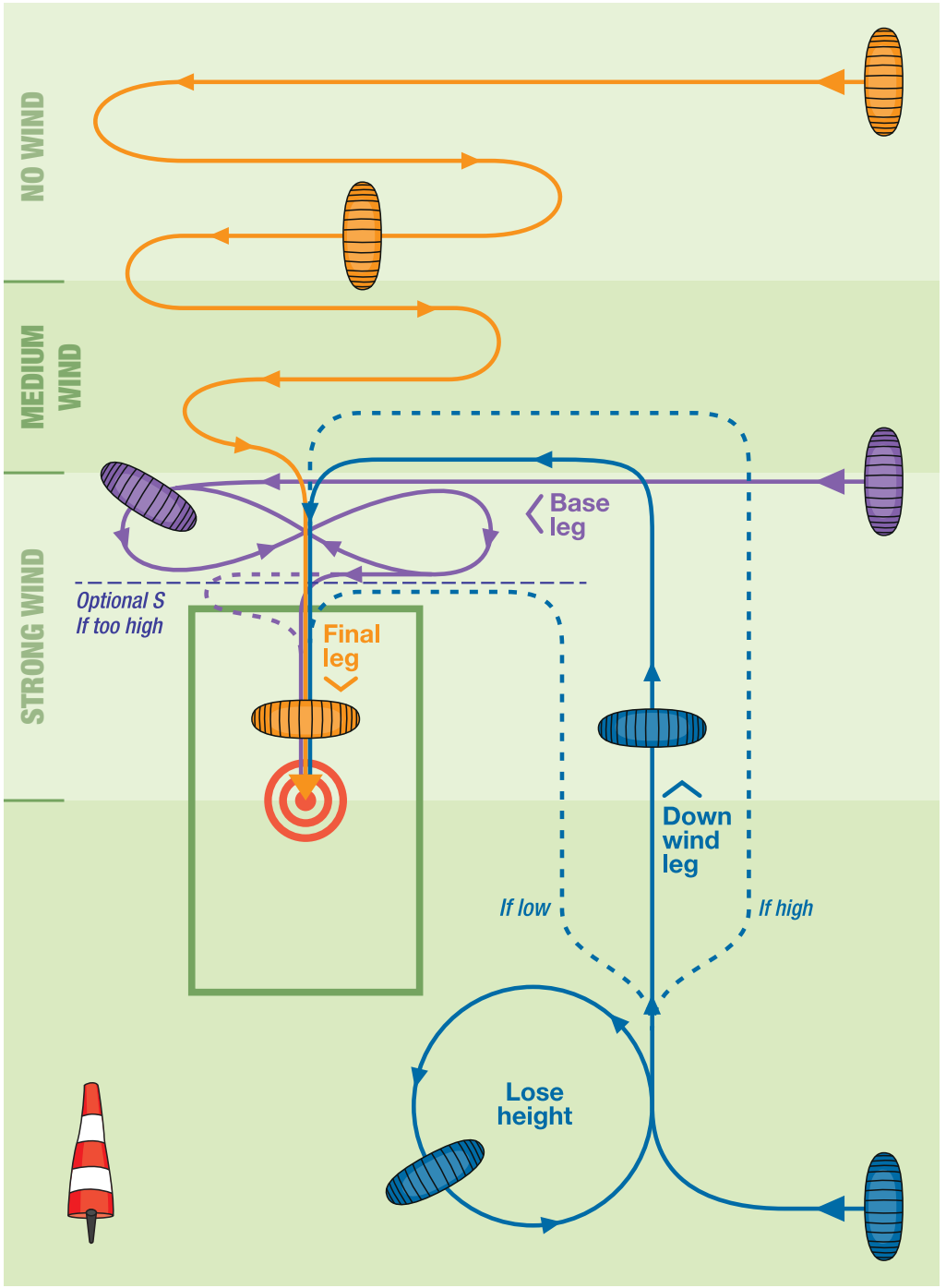
In case of radio failure
- Don't worry about accuracy
- Choose widest place free of obstacles
- Land into the wind



TAKEOFF PROCEDURE



LANDING PROCESS

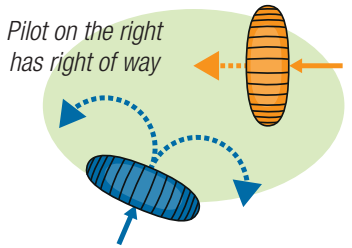


AIRLAW

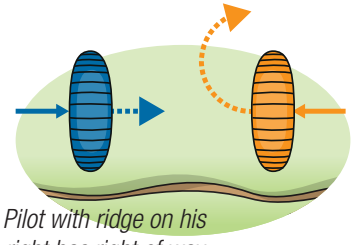
AERIAL COLLISION AVOIDANCE

1st Rule

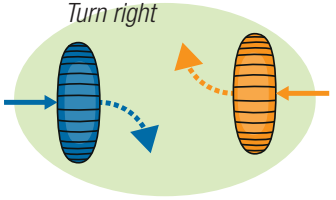
Converging



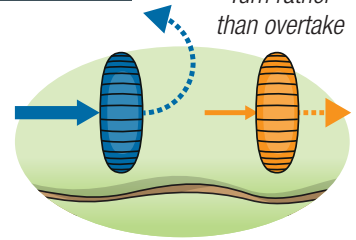
Head on (near ridge)



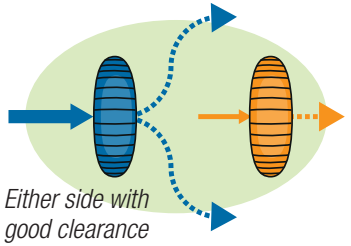
Head on



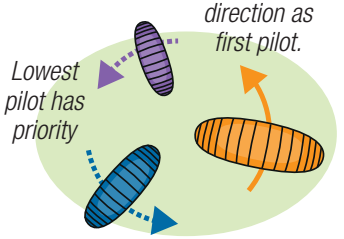
Ridge soaring



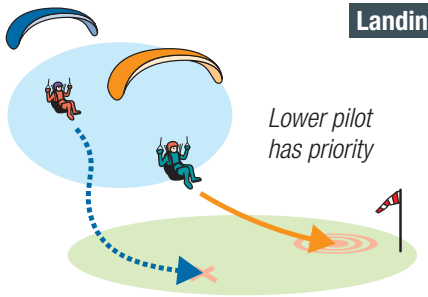
Overtaking



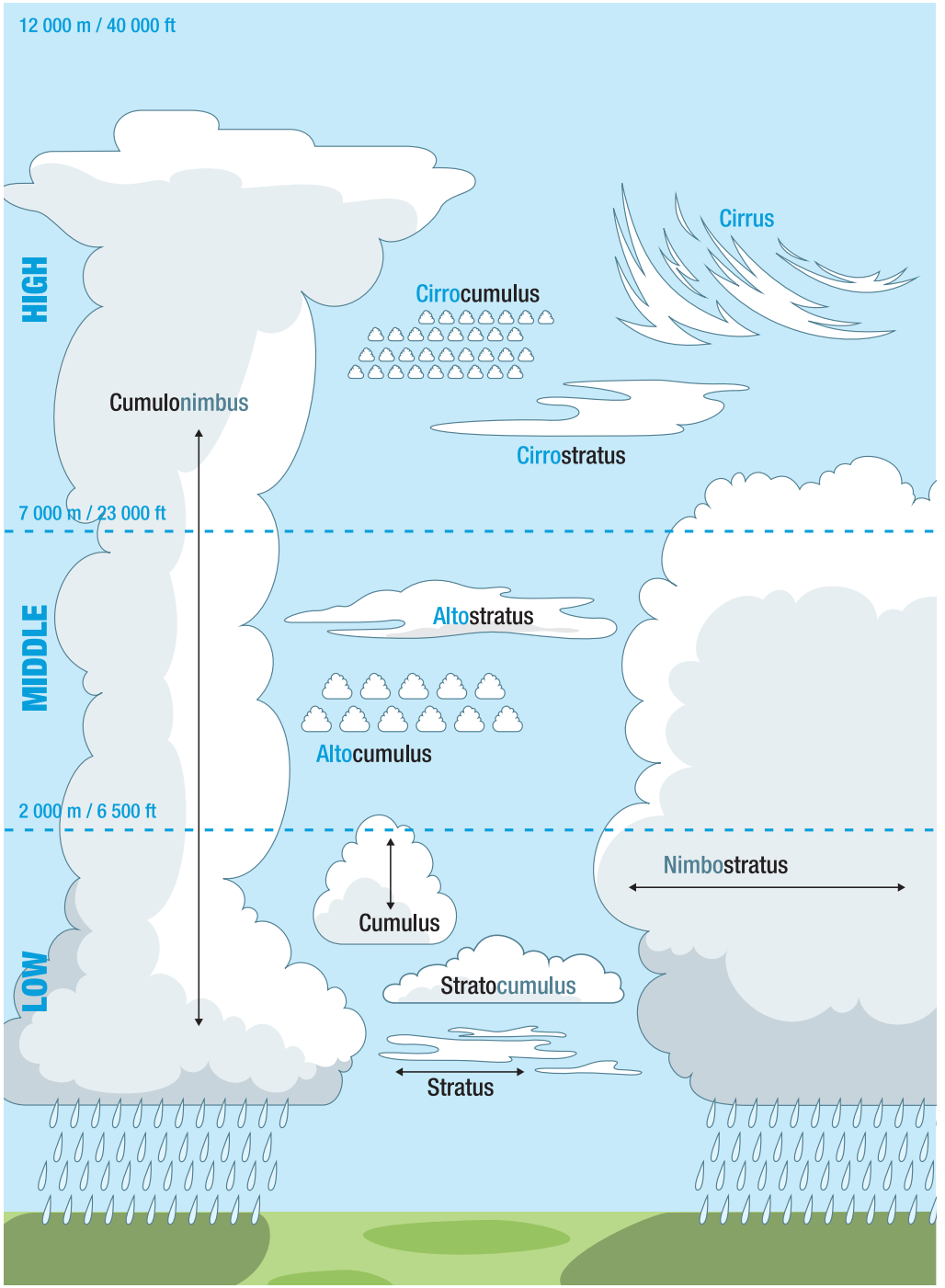
Thermalling



Landing



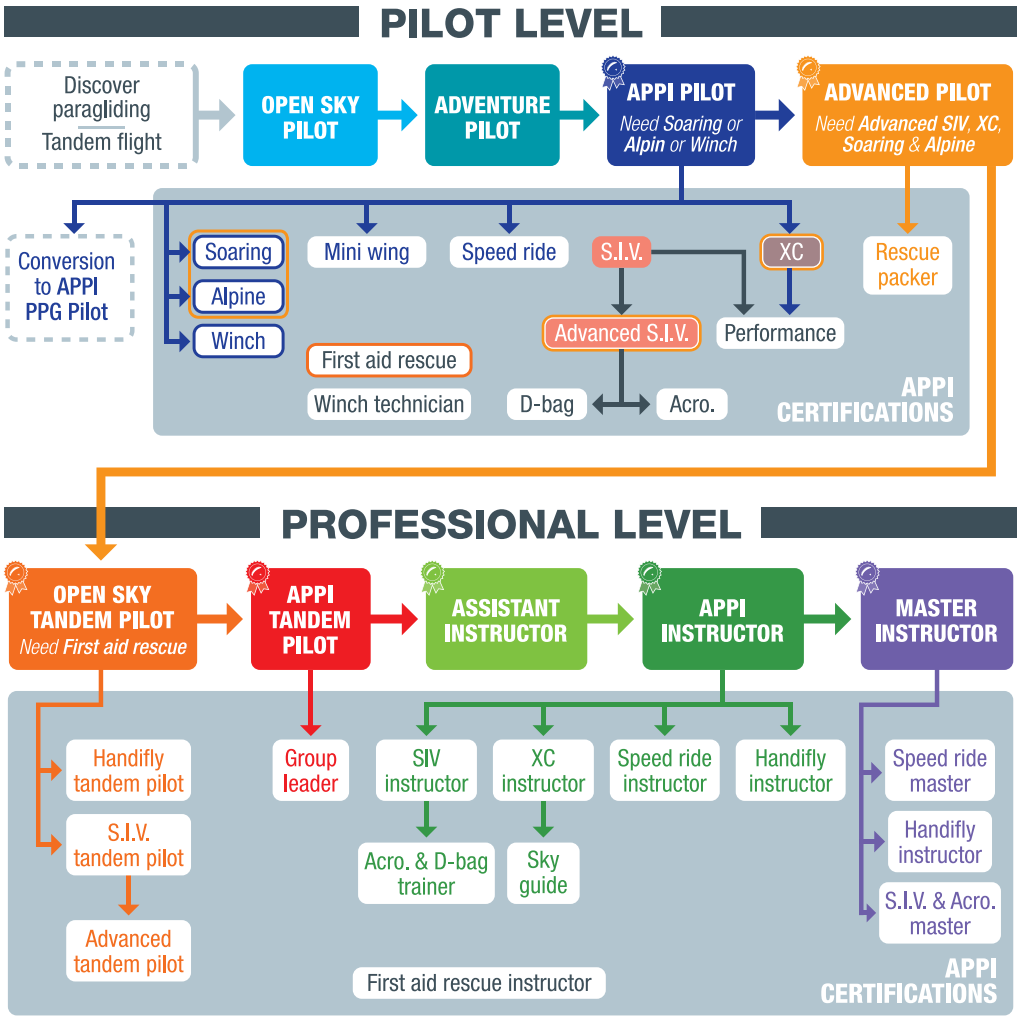
TYPES OF CLOUD



RECORD OF QUALIFICATIONS GAINED

Ratings	Date	Instructor & location & school name
First aid certificate		
OPEN SKY PILOT		
ADVENTURE PILOT		
APPI PILOT		
Ridge soaring certification		
Alpine certification		
Winch certification		
SIV CERTIFICATION		
Advanced SIV certification		
XC CERTIFICATION		
ADVANCED PILOT		
Perfo. certification		
Acro. certification		
D-bag certification		
Mini-wing		
Speed ride		
Rescue Packer		
Winch technician		

APPI EDUCATION SYSTEM



APPI Flight Center ★☆☆☆☆
APPI Flight School ★★☆☆☆
APPI Flight School ★★★☆☆
APPI Flight School ★★★★☆
APPI Flight School ★★★★★

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