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If you've ever dreamed of flying like a bird, now you can make that dream come true.

**FLY CARTAGENA** is a pioneer in the sport of paragliding in Colombia. Flying since 1996, we have developed a comprehensive plan of instruction that allows you to learn this magical discipline with the highest levels of safety.

#### **PHILOSOPHY:**

Safety is our main goal!

#### **OBJECTIVE:**

Train pilots to be able to make pleasant and safe flights.

#### **COURSE FEE:**

COP \$ 3'500.000. or USD \$ 1.500.

Payment: 50% in cash to start the course and the rest 50% When course is completed, after graduation.

#### **PROGRAM OVERVIEW:**

- Theory: 5 hours (5, 1 hour classes).
- Practical: 40 hours, Ground handling.
- In-Flight: IN all solo flights, you are guided by your instructor by radio from the entire flight, from take off to landing:
  - 1 training tandem flight (30 minutes).
  - 10 SOLO medium-long duration complete flights.
- Occupancy: 4 students per course.

- Hours: The instructor and student(s) will agree on a training schedule prior to beginning training. Weather conditions may impact training schedules. We can also arrange for an intensive course.

### **During this coursework, we will learn about the:**

- Paraglider, Paramotor and its components.
- Origins, history, evolution of paragliding and paragliding equipment.
- Main components of a paramotor: Wing, harness, chasis, motor and reserve parachute.
- Pilot's basic equipment: Helmet, boots, gloves.
- Flight Instruments: Altimeter, compass, GPS, radio communication system.

### **Fundamental Principles of Flight**

During this coursework, we will learn about:

- Why/How a Paraglider/Paramotor flies.
- The principles of aerodynamics, wing profile, and speed range.
- Ground handling: The techniques for managing your wing while on the ground, prior to take off and after landing.
- Take-off techniques.
- Making turns (90, 180 and 360 degrees).
- Decent techniques and procedures.
- Approaches to landing (U, L, S, 8).
- Meteorology and types of clouds.
- Wind behavior.

### **Technical safety**

This coursework will teach you about:

- Flight in turbulence.
- Lift (thermal and dynamic).
- Wind drift.
- Rules and regulations for air traffic.
- Rigging and emergency descent procedures.

## **TECHNICAL WORKSHOPS:**

During these workshops, you will gain hands-on experience learning how to:

- Identify the wind direction and intensity.
- Choose a take-off position, considering the wind and other elements of the take-off environment.
- Prepare your equipment for flight, extend the wing, have your paramotor on point, review and safety check the risers.
- Prepare and put on your harness, and hook the harness to the wing.
- Manage the risers, brakes, and throttle.
- Preflight the glider, "build a wall," clear the lines, and center the wing towards the wind.
- Select and use different techniques for inflating the wing (reverse and facing the glider).
- Properly align the wing with the wind to raise the glider above your head in preparation for launching.
- Control the wing for various scenarios that might develop when you are lifting the glider to the 12 o'clock position in preparation for launch.
- Manage the glider overhead while you're on the ground ("ground handling" or "kiting"), with different levels of wind.
- Make turns and other corrections during ground handling.
- To lower and transport the wing and the paramotor.
- Kite a glider in a cross-wind.
- Pre-flight the five key points of the equipment.
- Fold and store the equipment properly.

During the Technical Workshops, the instructor will demonstrate the proper procedures to successfully execute a low altitude training flight, which you will begin to make during the Practical Experience portion of the curriculum.

## **PRACTICAL EXPERIENCE**

- Identify wind direction and intensity.
- Choose the best take off site related to the wind direction and space.
- Fill the paramotor fuel tank properly.
- Knowledge and equipment preparation, extend the wing, review, untangle lines and brakes handles.

- Set up the harness and hooked to the wing Grab the throttle, raiser and brakes handles.
- Hook up correctly to the paramotor.
- Form the Wall, get in to the center of the wing release lines Techniques inflated the wing (reverse and front).
- Set up the glider with the wind and get it above 12 o clock.
- Control the wing if gets unstable while gets to 12 O'clock or to fast.
- Inflated the wing with the reverse technique and get to the right position for take off.
- Ground handling with all wing levels. Running with turns on the ground Techniques to get the glider back down and transport it.
- Technique with cross wind.
- Preflight take off check, controlling 5 basis points, harness, helmet, reserve parachute safety pin lock, wind direction and intensity, glider well extended and untangle free take off running.
- Good Control and good (kiting) technique.
- How to pack back the glider and the paramotor properly.
- Demonstration flights by the instructor.

## **Flights**

- The student shows good take off and landing techniques with short flights making as much “touch and go” procedures as possible.
- Improvement of takeoff techniques and landing approx. 25 flights.

## **TANDEM FLIGHT INSTRUCTION - 30 MINUTES**

During your instructional tandem flight, the Instructor will manage the take-off and landing, but give you the controls in the air, so you can practice maneuvers while being coached in a safe, controlled environment. In the course of this flight, you'll practice:

- Speed range.
- Turns (90, 180, 360) using weight shift techniques.
- Turns in a thermals.
- Wingovers.
- Front and asymmetrical collapse technique control.
- Traffic rules.
- Soaring.
- Flight using trimmers and speed system.

- Controlling the glider during turbulence.
- Approach and landing technique.
- Flare and landing.

## **SOLO COMPLETE FLIGHTS**

After completing the theory and practical tests described above, you'll first SOLO flight! Your instructor will guide you by radio during all phases of the flight, including the take-off and landing. These flights are performed in locations selected specifically with safety as the primary objective.

You'll make at least ten solo COMPLETE medium-long duration flights before completing your course with FLY CARTAGENA.

Remember than you can always come and fly freely here after making the course with us, if you need extra advice or supervision, one of our teachers will be pleased to help you at any time during the day.