

Unit n°4:

APPI Open Sky Tandem Pilot - APPI tandem pilot

Introduction

Organize tandem flights with maximum safety

Five preliminary important points

1. LEGAL ASPECTS OF TANDEM PRACTICE

A. Three levels of responsibility

Moral, civil, criminal

B. Obligations tandem pilot

Obligation of results

Obligation of means

Comply with national rules

APPI rules

C. Insurance

Third party liability insurance

Personal insurance of passengers

Personal insurance of pilot

2. TANDEM ACTIVITY

Tandem flying requires a professional attitude that is required at every stage of this activity

A. Choose and maintain the tools

✓ Flight equipment

Paragliding: certification, new designs ...

Harness: geometry, ageing, protection and agility

Spreaders, trimmers, karabiners, helmets

Reserve parachute: types, mounting, certification, ageing, limitations

Passenger equipment

✓ The flying site

B. The relationship with the passenger-client

✓ Reservations, information, attitude

C. Perform the flight

- ✓ Contact with the customer on the flying site
Attitude, psychology
- ✓ Access to the flight area, preparation, take-off
Security & installation
Briefings & checks
Last four steps before take-off (inc seven vital points check)
Take-off techniques
Assistance at take-off
- ✓ Flight
Passenger care
Attitude
Piloting techniques
Inertia
Descent techniques
Pictures and videos
Pedagogical Tandem
Landing briefing
Approach
Final
- ✓ End of the tandem flight, conclusion
- ✓ Most frequent problems

3. FLIGHT MECHANICS SPECIFIC TO TANDEM FLIGHT

- ✓ Wing loading
- ✓ Load factor, tandem structure compared to solo and conclusion
- ✓ Trimmers use at take-off, in flight, landing
- ✓ Inertia

4. APPI RULES

- ✓ APPI non comercial tandem pilot
Prerequisites, privileges and limitations
- ✓ APPI professional tandem pilot
Prerequisites, privileges and limitations
- ✓ Tandem flying rules
Specific APPI tandem certifications

5. CONCLUSION