Part 1: Preflight Safety Session with Passenger / Student:

(sufficient time should be committed to cover the following)

1. Assess passenger/student for physical and mental capacity:
    a. can they physically carry out the necessary tasks for a safe launch and landing and
    b. are they in the right frame of mind to understand the instructions regarding their upcoming flight and their participation in it as an active member of the flight crew
2. Communicate to passenger/student that the purpose of the tandem pre-flight is educational, explain rudimentary aerodynamic principles and briefly discuss aircraft/equipment design and operation
3. Demonstrate the pilot/passenger safety and emergency equipment
4. Explain the harness and how to put it on
5. Explain the key parts of the wing and how the passenger/student and the tandem pilot will be properly attached to the wing
6. Explain the launch and landing procedure
7. Disclose the potential risk/dangers, potential causes and ways of minimizing the risk, ensure the passenger/student has made his/her own risk assessment and understands his/her role to mitigate it
8. Allow adequate time for the passenger/student to carefully study the waiver(s) without distraction and then to sign it
9. Complete normal preparations for flight:
    a. include checking wing canopy and harnesses are in good condition and free of defects, and that reserve pins are properly positioned to prevent any accidental deployments
    b. ensure that both pilot and passenger/student are properly strapped into their harness and hooked up to the wing correctly
    c. ensure carabiners are closed and connected to the spreader bars
    d. visually confirm that both passenger/student and pilot have their helmet straps fastened, double check the harness

Part 2: Critical Pre-Launch Checklist (CPC)*

(interactive with passenger/student, who becomes a member of the flight crew checking for flight readiness)

10. Produce for the passenger/student, or draw their attention to, the CPC. It should be stored on the pilot's harness or gear, or fastened to the aircraft so as to make it available for review with the passenger/student. The following pre-flight safety points are included in the CPC:

    a. Glider pre-flight completed, aircraft ready for flight?

    b. Passenger /Pilot Harnesses connected, spreader bar carabiners connected and in locked position to riser and harnesses, leg loops checked, chinstraps checked, ready for flight?

    c. Passenger/Pilot ready for flight?

NOTE: Be sure to review that the positioning and use of additional equipment, such as cameras, does not hinder the safety gear

* CPC's are available to HPAC instructors/tandem pilots; tandem pilots can create and use their own customized CPC, provided the standard pre-flight safety points above are included

GENERAL SAFETY

11. Equipment Readiness

    a. There is to be NO compromise on keeping tandem gear in the best condition possible and according to manufacturer guidelines for safe use

12. Bulk Participation Discount flights (Promotional Programs)

    a. Use of these types of programs could create large numbers of participants; to avoid any increase in risk due to time pressures, the tandem pilot must be diligent in still maintaining all standards for pre-launch safety, as noted above

    b. The tandem pilot should monitor his/her level of fatigue and discontinue tandem flights as needed

13. Accident Reporting Standards

    a. Tandem pilots must report all accidents and incidents in which they are involved directly or indirectly to the HPAC Safety Committee promptly

    b. Accident and incident reports will be assessed by the HPAC Safety Committee, in consultation with the tandem pilot, and the general circumstances and causes shared with the tandem pilot and larger pilot community to avoid recurrence

    c. Failure to report accidents/incidents can result in disciplinary measures being taken with potential implications for maintaining the pilot's tandem endorsement.