



**PIA Technical Standard TS-114**  
**Parachute Industry Association Publications**  
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Student Equipment Standardization Guidelines

This report is a compilation of standardization recommendations for harness and container systems. It is based on the Student Equipment Standards Survey taken by PIA in 1988, and revised based on feedback after being distributed for comment. **Note: This data is the result of a non-scientific survey, and is to be used as a guide for manufacturers. It is not meant to limit design or innovation, but to provide a degree of continuity between various manufacturer's equipment and operating/ training procedures.**

1. The harness and container system shall be a "piggyback" system.
2. The freefall main deployment system shall utilize a ripcord, and a spring loaded pilot chute.
3. The static-line main deployment system shall utilize either a pilot-chute with assist, or a direct bag with assist (per current FAR's).
4. A single-point main canopy release shall be utilized.
5. The main ripcord handle shall be right hand operable, and shall not conflict with the single-point main canopy release handle. It is desirable for the handle to be visible.
6. The reserve handle shall be located on the left side vertical lift web, and be operable with either hand.
7. The cutaway handle (for two handle systems), shall be located on the right vertical lift web, and be operable with either hand.
8. The system shall be equipped with a reserve static/line (RSL).
9. The system shall be compatible with a reserve container AAD. TS-114 Student Equipment Standardization Guidelines.