



PIA Technical Standard TS-106
Parachute Industry Association Publications
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Parachute Owner's Manual Format

The parachute assembly supplier shall furnish one copy of an Assembly, Inspection, Maintenance, Repair, Packing, Operation and Parts Manual with each parachute or component. This manual shall be on 8½ x 11 white paper with half-toned photographs or line art to reinforce and supplement detailed and complex steps. The manual shall have the following contents, minimum:

(This format was adapted from documents published by Dayton T. Brown.)

Title Page:

- Contractor Part Name & Number
- Date of Publication/Revision/Change
- Contractor Logo and Address
- Author/Publisher Information

List of Effective Pages:

- Complete list of effective pages.
- Warranty Statements (As applicable)
- Disclaimers (As applicable)

Table of Contents:

- Sections
- List of Illustrations
- List of Tables

Operational Limitations:

- Altitude
- Airspeed
- Experience

System Function:

- System design intent

Assembly Instructions:

- Limitations
- Qualification of Packer
- Tolerances/Critical Dimensions
- Detailed steps in recommended sequence

Inspection Instructions:

- Pre-jump Requirements
- Post-jump Requirements
- Maximum time parachute can stay in a packed condition without a repack

Hardware Condition:**Maintenance Instructions:**

- Limitations
- Qualifications of Packer
- Tolerances/Critical Dimensions
- Hardware

Repair Instructions:

- Limitations
- Qualifications of Rigger
- Tolerances/Critical Dimensions

Packing Instructions:

- Detail all steps in recommended sequence.
- List critical steps to double check.
- List critical tolerances or dimensions.
- Use line art to amplify.

Fitting Instructions:**Parts List:****Documentation:**

- Inspection and Packing Record
- Accident Reporting Method
- Canopy Damage Chart "Master" for reproduction.