

Butler Parachute Systems, Inc.

Butler Fixed Tether Harness

User Guide

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List of Effective Changes

The portion of the text affected by the changes to the preceding released document are indicated by a black vertical bar in the left outer margins of the page.

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6.....	2.0
8.....	3.0

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Warranty for Emergency Parachute Systems

Butler Personnel Parachute Systems, LLC (hereafter referred to as BPS) manufactures the finest emergency parachute systems in the world. Accordingly, subject to the Terms & Conditions set forth below, we warrant that our emergency parachute systems are free from defects in materials, workmanship and design for a period of five years from the date of manufacture.

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This warranty excludes any condition related to color fastness, fading and/or the matching of any particular lot of materials with any color.

All BPS products have been thoroughly tested and found to be in conformance with all applicable FAA requirements for TSO C-23 certification in effect on the date of authorization. However, since we have no control over the actual conditions of usage, this warranty specifically excludes any guarantee, express or implied, that a parachute system will successfully save a particular individual in all conditions under which it might be used.

This warranty covers the product only when it is used in accordance with the manufacturer's instructions and within the stated and/or placarded operating limits regarding maximum pack opening airspeed and maximum gross weight for the lowest rated component of each assembly. Failure to follow these guidelines for the use of the product voids any and all warranties.

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The following symbols are used throughout this manual:



WARNINGS indicate a procedure or situation that may result in serious injury or death if instructions are not followed correctly.



CAUTIONS indicate any situation or technique that will result in potential damage to the product, or render the product unsafe if instructions are not followed correctly.



NOTES are used to emphasize important points, tips, and reminders.

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1. Introduction

The Butler Fixed Tether Harness restraint system is designed to support air crew operations that require fall protection. The tether is attached to a hard-point in the aircraft to provide fall protection. In the event of a fall the user will be protected from falling out of the aircraft.

This guide outlines procedures for the inspection, maintenance, and use of the fixed tether. Your restraint system is an important piece of survival equipment. Proper care and maintenance is necessary for your restraint system to deliver the safety performance it is designed to provide. It is important that you become familiar with these instructions to safely use this system. Keep your equipment clean and in usable condition. Improper use or negligent care may result in damage to the system.



**IMPROPER USE OR NEGLIGENT CARE OF THIS
EQUIPMENT CAN CAUSE SERIOUS INJURY OR DEATH.**

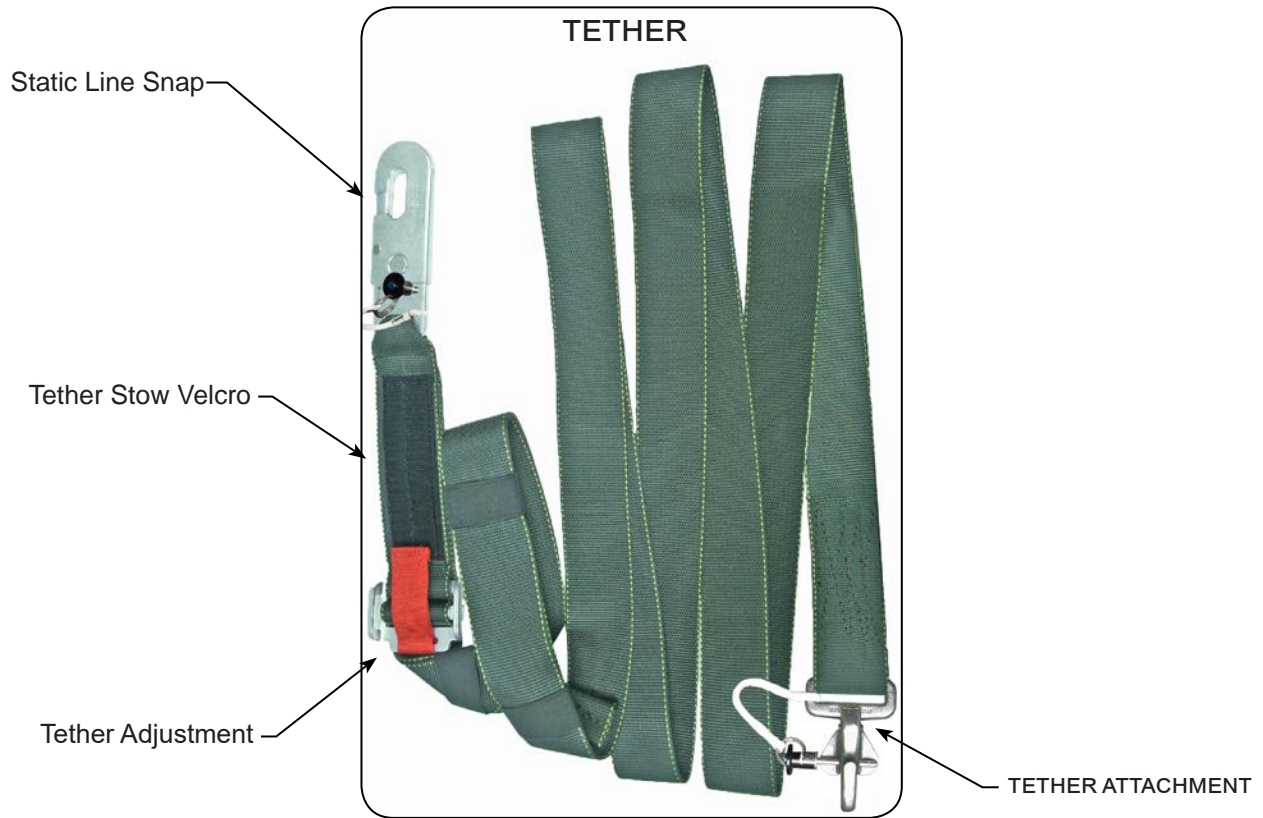
2. Reference

BACK



FRONT





3. Donning Harness

Ensure that the harness is not twisted or misrouted, and the leg straps hang free before donning the QAC.

3.1

Put the harness on like you would a jacket.



3.2

Attach the chest strap buckle and adjust it for a snug fit.



3.3

Attach both leg straps and adjust them for a snug fit.



3.4

Grab the loose ends of the Main Lift Web straps and pull them up for a snug fit.



3.5

Fold the excess webbing on the chest and leg straps and secure the fold in the elastic keeper.



3. Donning the harness.

4. Stowing the Tether

The static line snap can be stowed on either side of the front harness for easy access. After you have stowed the snap, stow the rest of the tether in the back pocket below the riser.

4.1

Slide the static line snap behind the harness cover.



4.2

Mate the Velcro on the tether to the Velcro on the harness cover.



4.3

Stow the rest of the tether in the back pocket.



Tuck the riser into the pocket and close the pocket snaps.



4. Stowing the tether.

5. Attaching the Tether

5.1

Connect the butterfly snap to the D-ring on the back of the Tether Harness.

Press the blue button on the safety pin and insert the pin through the hole in the butterfly snap.



5.1 Attaching the tether to the harness.

5.2

Connect the static line snap to the static line cable on the aircraft.

Press the blue button on the safety pin and insert the pin through the hole in the static line snap.



5.2 Attaching the tether to the aircraft.

6. General Care

Your Butler Tether System is made from the finest, most durable materials available. The container is made with a double-layer of 1000 denier nylon and will last indefinitely with reasonable care and protection from the sun. Over 80% of the parachute canopy itself is protected from the sun by four layers of container due to the closing flap design. The harness is a simple, lightweight design with a proven overload capacity of greater than 50%.

However, this does not mean that your Tether Harness is indestructible. Remember that your Tether Harness is an important piece of survival equipment that may be necessary to save your life. We recommend the following basic steps for the minimum care that you should give your parachute:

1. Ultra-violet rays from the sun are your harness' worst enemy. Sun damage can deteriorate the strength of a harness and tether. Make every effort you can to keep your Tether Harness away from the harmful rays of the sun.
2. Check your aircraft cockpit for sharp objects, exposed nuts and bolts, and any other items that could tear or puncture your parachute. Remove or cover these items with tape to protect your harness.
3. Avoid letting your harness come in contact with acid; car trunks with traces of battery acid are particularly hazardous areas for a parachute. One drop of acid can destroy your entire parachute if left unchecked.
4. Store your harness in a cool, dry place when not in use.
5. Keep your harness away from grease, oil, and fuels which can attract and hold dirt and grit.
6. Avoid excessive moisture. If your harness becomes wet, it should be air dried.
7. If you are in doubt about the condition of your harness and its care, contact the nearest Butler Parachute Systems for guidance.

7. General Preflight Inspection

Before each flight, inspect your harness as follows:

1. Check for any obvious damage, tampering, or disturbance to the harness.
4. Check that the tether is attached to the tether riser on the harness.
5. Check all the hardware for corrosion, bent or missing parts, and damage.
6. Check that the harness is not twisted or misrouted.

