YEDEK

Reserve Parachute System

USE • INSPECTION • PACKING • CARE

YEDEK 80 | YEDEK 100 | YEDEK 120 | YEDEK 160 | YEDEK 220

Revision 1.0 | August 2026

Important safety information

WARNING: YEDEK is not a parachute designed for free fall or aircraft jumping. It is a manually deployed emergency reserve parachute intended only for paragliding and air sports with a compatible connection system.

This manual provides essential information for safe use, inspection, packing and storage. The reserve parachute must be packed and installed in the harness only by a trained and competent person familiar with this model.

- The harness manufacturer's outer-container and connection instructions must also be followed.
- Check the product label, serial number, model and maximum load before every use.
- Do not fly the system after damage, suspicious stitching, chemical exposure or an actual rescue deployment; send it to a competent service facility.
- Do not claim certification compliance until the certification and test documents have been verified for the model.

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1. Product description and technical data

The iFLY Gliders YEDEK range is a manually deployed reserve parachute system consisting of a canopy, lines, connection bridle and an inner container with deployment handle. Technical values are transferred from the source technical table for this product family.

Model	Weight	Sink rate	Panels	Area	Recommended max. load
YEDEK 80	0.98 kg	< 7.0 m/s	18	25.5 m²	80 kg
YEDEK 100	1.38 kg	< 5.5 m/s	20	34.5 m²	100 kg
YEDEK 120	1.55 kg	< 5.5 m/s	22	38.5 m²	120 kg
YEDEK 160	1.86 kg	< 5.5 m/s	24	47.0 m²	160 kg
YEDEK 220	2.80 kg	< 5.5 m/s	30	68.0 m²	220 kg

Certification note: The certificate, test report and model label to be issued under the YEDEK name must be verified separately. This manual is not a substitute for certification.

2. Intended use and operating limits

YEDEK is intended for manual deployment by a paraglider pilot during an airborne emergency. The connection method must comply with the harness manufacturer's instructions.

Service life

- According to the source documentation, the total service life is 10 years with a comprehensive inspection every two years.
- After 10 years, use may be extended by no more than 3 years, subject to an annual comprehensive inspection.
- If the product label or a current iFLY service bulletin specifies a shorter interval, the shorter interval applies.

Operating principle

In an emergency, the pilot pulls the deployment handle firmly and throws the inner container into clear airflow. The airflow tensions the lines, opens the inner container, extracts the canopy and inflates it. After successful deployment, the main wing must be disabled according to the pilot's training and the circumstances.

System components

- Tear-resistant nylon canopy
- Lines and connection bridle
- Inner container with deployment handle

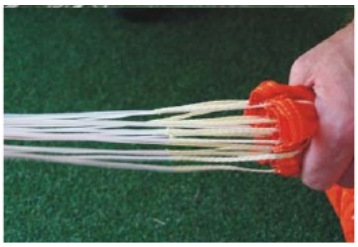
3. Inspection before every repack

Open the reserve parachute completely in a clean, dry and well-lit area.

1. Inspect the stitching of the apex and centre lines.



2. Compare the lengths of the apex lines.



3. Inspect the line stitching at the connection bridle.



4. Inspect all stitching on the connection bridle.



5. Look for cuts, burns, chemical marks or abrasion on the cover, lines and bridle.



4. Damage assessment

Any damage that affects airworthiness, or whose effect cannot be assessed with certainty, must be referred to the manufacturer or an iFLY-authorised service facility.

Inspection points

- Tears, increased porosity, staining or opened seams in the canopy fabric
- Sheath damage, melting, knots, length differences or damaged attachment stitching on the lines
- Abrasion, deformation or stitching damage on the connection bridle
- Tears in the inner container, deformation of the handle or unsuitable elastic loops

Deployed system

A YEDEK used in an actual rescue deployment must undergo a comprehensive inspection before repacking. Extraction force and harness compatibility must be verified using the manufacturer’s method.

5. Packing instructions - 1/4

Pack on a clean table or on a clean, dry surface.

1. Pass the packing cord through every packing loop in sequence; do not omit any loop.



2. Secure the connection bridle and lay out the canopy and lines neatly under light tension.



3. Check that the lines run freely; remove twists, pass-throughs and crossings.



4. Identify the marked panel and air-capture pockets; confirm that the related lines run freely.



5. Packing instructions - 2/4

Pack on a clean table or on a clean, dry surface.

5. Distribute the panels evenly to both sides and align the skirt edges neatly.



6. Fold the panels into an S shape. No different fold is required for the air-capture pockets.



7. Remove air from the folded canopy and secure the folds with temporary weights.



8. IMPORTANT: Remove the packing cord completely from every loop.



5. Packing instructions - 3/4

Pack on a clean table or on a clean, dry surface.

9. Reduce the canopy width to match the inner container.



10. Place the canopy folds into the inner container in an S pattern.



11. Remove every weight used; no packing aid may remain inside.



12. Stow the lines in three figure-eight bundles the width of the container and secure them with suitable elastics.



5. Packing instructions - 4/4

Pack on a clean table or on a clean, dry surface.

13. Place the line bundles over the skirt edge and close the flaps in sequence.



14. Leave approximately 40 cm of line free for closure.



15. Close the three-loop flap centre first, then right and left; pass each line loop approximately 3 cm through the elastic.



6. Installation in the outer container

The harness manufacturer’s manual governs the outer-container installation. Place the connection bridle in S folds at the base of the outer container. Position the inner container with its closing face correctly oriented; secure the side, lower and upper flaps using the harness closing pins.

Final check

- The deployment handle is attached at the correct point and remains accessible.
- The connection bridle is untwisted and secured to the correct attachment point.
- Closing pins, loops and elastics comply with the harness manufacturer’s criteria.
- The serial number, packer and date have been recorded.

7. Packing and inspection records

According to the source documentation, the system must be opened, aired and repacked after 12 months. A comprehensive inspection is recommended two years after the previous inspection, after every rescue deployment, and after major repair or modification. If a current iFLY service bulletin or product label specifies a different interval, that interval applies.

8. Storage, cleaning and drying

Storage

- Store in a dry, cool, well-ventilated place away from direct sunlight.
- Keep away from oil, grease, acids, paint, fuel and solvents.
- For long-term storage, fold the canopy loosely and keep it in its carrying bag.

Cleaning

Rinse a dirty canopy or container only with clean tap water. Do not use detergent, solvent or a washing machine. After contact with salt water, rinse the system at least four times with fresh water, then allow it to drip-dry in the shade with natural airflow.

Conditions requiring service

- Contact with acid, mould, fuel or an unknown chemical
- Fabric discolouration, brittleness or clearly increased porosity
- Line-length differences, melting or damaged attachment stitching
- An actual rescue deployment or severe opening shock