

**Asterion** LTF/EN A  
LIGHT TOURISMO

**WE BUILT THE EASIEST  
TWO-SEATER,  
SO YOU CAN SHARE YOUR  
ADVENTURES MORE EASILY.**



# SHARE YOUR ADVENTURE

#FLYASTERION





# ASTERION LT

## The star among the easy tandems

Share your adventure moments with the worldwide first lightweight tandem glider with LTF-A certification. The ASTERION Light Turismo brings the concept of simplification also to the two-seater class and still has a high speed in stock. Sportive handling meets sweet-tempered flight behavior with minimal pack size. This mixture provides countless areas of application for the light two-seater. From the perfect family-wing to the uncompromising companion for demanding alpine undertakings and travels in twos. The concept of simplification already kicks in at the launch. The lightweight two-seater can take off in almost any condition and promises carefree fun moments in the air.

Uncompromising passive safety provides high comfort on extended, twosome flights. The ASTERION LT reacts directly to control pulses and offers a very precise handling. That will be appreciated when soaring in laminar flank wind as well as when centering in thermal. Thereby the steering pulses remain very low and remind more of the handling of a solo-wing. A wing that meets the perfect requirements of a family-glider. Also the weight range is aimed at maximum flexibility regarding the passengers.

The ASTERION LT is aimed at pilots who want to go on twosome adventures without extra ballast. Thereby the flexible two-seater offers countless areas of application with high performance.

Chief designer Ernst Strobl trusts in the efficient basic concept of the Eternity when designing the ASTERION LT and that's what gives the wing its sweet-tempered characteristics. The 3D-shaping and the optimized pre-tensioning of the wing provide the perfect flow around the wing and the Precision Profile Nose System (PPN) provides the optimized inflow around the profile. Miniribs and the Brake Gathering System (BGS) help the profile to more form fidelity at the trailing edge and thereby convey the steering pulses to the wing precisely. A very straight forward line concept with few main lines provides a good overview and orientation with the line levels at the launch. The risers are equipped with efficient trimmers which accelerates the agile wing 13 km/h.

Light construction is intelligent when the right material is used in the right places. So selectively used different strengths of material of the top-materials Dokdo 30 and 20 as well as Skytex 27 for optimized performance weight with very high longevity and form fidelity. That ensures maximum durability with an optimized weight management. The low weight of the glider itself stores less energy and thereby facilitates the sweet-tempered behavior. All materials were tested under harsh criteria for long-term durability.

The ASTERION LT is aimed at pilots who want to go on twosome adventures without extra ballast. Thereby the flexible two-seater offers countless areas of application with high performance and high safety reserves. Optimized performance weight with high comfort for the passenger and the pilot.

The ASTERION LT is available as of now and offers a flexible weight range from 120 up to 180 kg. Arrange a test flight and see for yourself!


For further information visit [www.u-turn.de](http://www.u-turn.de)

# ASTERION LT



## LTF/ EN-A LIGHT TANDEM

35

Recommended Start weight **** Empfohlenes Startgewicht ****	120-180 kg
Extended Start weight *** Erweitertes Startgewicht ***	120-180 kg
Flat area Fläche ausgelegt	35,9 m <sup>2</sup>
Projected area Fläche projiziert	29,84 m <sup>2</sup>
Flat wingspan Spannweite ausgelegt	13,398 m
Projected wingspan Spannweite projiziert	10,336 m
Flat AR Streckung ausgelegt	5
Projected AR Streckung projiziert	3,58
Chord: center / wingtip Flügeltiefe: Mitte / Stabilo	3,186 m / 0,901 m
V-trim V-Trimm	~ 37-40 km/h
V-max V-Max.	50 km/h
Bridle height Abstand Tragegurt-Kappe	8,307 m
Nr. of cells Zellenanzahl	36
Glider weight Gewicht	4,85 kg
Bridle length Gesamt Leinenlänge	302 m
Line diameter Leinendurchmesser	0,95 / 1,2 / 1,65 1,8 / 2,0 mm
Speed system / trimmer Fuß Beschleuniger / Trimmer	No / Yes Nein / Ja
Beschleunigerweg max.way of accelaration	80 mm
Certification Zulassung	EN-A/LTF-A
Certified standards and procedures Angewandte Testverfahren	LTF 91/09 & EN 926-1:2006, 926-2:2013
Folding lines used for certification Faltleinen für Testflüge benutzt	No Nein
Number seats Anzahl Sitze	2 
Certification No. Zulassungsnummer	EAPR-GS-0828-17



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