

Tempus Fugit: Time Flies

new products

Windtech



25-27-29-31

TEMPUS (DHY 1)

«Tempus Fugit»: Time Flies...

And the Tempus, our brand new DHV 1 wing, is already flying around the skies above the Windtech factory, since we have now finished the development of this great new glider.

The Tempus will replace the Tonic and the Coral during the coming months. 4 sizes are planned and the size 29 has already passed the new DHV 1 certification, tested by Alain Zoller at the SHV and DHV test pilot Mike Kung.

You should know that the new DHV 1 and 1-2 tests are much more demanding than last year and very few gliders have managed to pass this new protocol so far.

The new test rules make the glider more solid and stable since it is not allowed to surge forward more than 45 degrees from any manoeuvre and must return to easily controlled flight, with no more than a 180 degree turn, after inducing a spiral of -14 m/s. Also in the new rules, the wing must demonstrate that it can carry out big ears at full speed without any problems.

The DHV load-test will be done next week and the DHV paperwork should hopefully be finished in 2-3 weeks. Size 27 and 31 will be flight tested in 1-2 weeks, depending on the weather but production has already started since the new season is already here.

We are making 20 pieces a week. This is not enough for our demand and we are late with this product, but we hope to make quick deliveries during May so the schools can start to promote the product in the best months of the season. Remember make your pre-order today as "Time Flies"

technical data

TEMPUS 25

Surface Area (m2)	25.54
Span (m)	10.85
Aspect Ratio	4.6
Central chord (m)	2.95
Susp. height (m)	7.12
Cells	35
Projected Area (m2)	22.97
" Span (m)	9.16
" A/R	3.65
All up weight (Kg)	60-80

TEMPUS 27

Surface Area (m2)	27.55
Span (m)	11.27
Aspect Ratio	4.6
Central chord (m)	3.08
Susp. height (m)	7.4
Cells	35
Projected Area (m2)	24.78
" Span (m)	10.85
" A/R	3.65
All up weight (Kg)	75-100

TEMPUS 29

Surface Area (m2)	29.53
Span (m)	11.67
Aspect Ratio	4.6
Central chord (m)	3.18
Susp. height (m)	7.66
Cells	35
Projected Area (m2)	26.56
" Span (m)	9.85
" A/R	3.65
All up weight (Kg)	90-110

TEMPUS 31

Surface Area (m2)	31.57
Span (m)	12.06
Aspect Ratio	4.6
Central chord (m)	3.3
Susp. height (m)	7.92
Cells	35
Projected Area (m2)	28.4
" Span (m)	10.19
" A/R	3.65
All up weight (Kg)	105-130





F.A.Q.

Q: Why does the Tempus replace two gliders, both the Coral and the Tonic?

A: Simple, because it is a better wing. The inflation is perfect, and when we say 'perfect' we mean that in our opinion you cannot expect better inflation characteristics from a first wing. It is so forgiving that the Tempus always comes up impeccably, straight above the pilot's head, even when the pilot's preparation is incorrect - for example, with one side higher than the other, or the wing set-up crosswind at launch. Performance-wise the Tempus is also one step ahead on the Tonic, even though the construction has neither V-ribs nor a larger number of cells. Simplicity is the key.

Q: How did you achieve this result? What are the differences from the other gliders?

A: We have used a new profile, never used before. The profile is thicker near the leading edge, towards the cell openings, and in the second half, toward the trailing edge, the profile is thinner with an important reflex at the trailing edge. As you know the reflex is a double 'S' that makes the wings 'self-stabilising'. In addition to this, this is the first glider (along with our new competition glider, the Tactic) of a new breed, designed with a brand new improved way of working with the software and the computer. Alvaro is using 3 different CAD-based paraglider design programs in conjunction with each other, so that the calculation for trim, angles, torsion and tensions is nowadays very accurate. No more cell-flutter at the leading edge, and the creases and wrinkles in the top and bottom panels have now completely disappeared. And now every cell is carefully placed to spread the pressure in a uniform way along the entire span.

Q: Does the glider have the renowned 'Windtech handling'?

A: Yes. This is the best thing about the new Tempus profile! The wing is more solid, does not surge forward in turbulence or collapses, and the handling is the same as in the Tonic - quick, precise and, on the physical aspect, just as light as it was before.

Q: How do you target the Tempus?

A: It is a DHV 1 with a large spectrum, perfect for teaching as well as a first-buy glider. Furthermore, some pilots who are currently on DHV 1-2 gliders, who might not be flying as often as they would like, will be completely happy on-board the Tempus since they will not feel that they are missing out on performance with this glider.

Q: What will be the price?

A: The price is yet to be confirmed, somewhere between the Coral and the Tonic.

Q: Why have you changed the 'WT image' so much on this glider?

A: This is not really true. The central design is a variation in the theme of the Windtech W and the symmetrical 'top-and-bottom' design is already used on the Pulsar. The new colour combination is new, fresh, and distinctive, although it is also more expensive to produce. Just check the pictures and admire. We think the result is great!

colours

blue



gold



grey



orange



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