



## DHV TESTREPORT EN926-2:2014

## GIN PEGASUS 2 26

**Type designation** GIN Pegasus 2 26  
**Type test reference no** DHV GS-01-2359-18  
**Holder of certification** [GIN Gliders Inc.](#)  
**Manufacturer** [GIN Gliders Inc.](#)  
**Classification** A  
**Winch towing** Yes  
**Number of seats min / max** 1 / 1  
**Accelerator** Yes  
**Trimmers** No



## BEHAVIOUR AT MIN WEIGHT IN FLIGHT (75KG)

## Test pilots



Beni Stocker



Harald Buntz

## BEHAVIOUR AT MAX WEIGHT IN FLIGHT (100KG)

<b>Inflation/take-off</b>	A	A
<b>Rising behaviour</b>	Smooth, easy and constant rising	Smooth, easy and constant rising
<b>Special take off technique required</b>	No	No
<b>Landing</b>	A	A
<b>Special landing technique required</b>	No	No
<b>Speeds in straight flight</b>	A	A
<b>Trim speed more than 30 km/h</b>	Yes	Yes
<b>Speed range using the controls larger than 10 km/h</b>	Yes	Yes
<b>Minimum speed</b>	Less than 25 km/h	Less than 25 km/h
<b>Control movement</b>	A	A
<b>Symmetric control pressure</b>	Increasing	Increasing
<b>Symmetric control travel</b>	Greater than 55 cm	Greater than 60 cm
<b>Pitch stability exiting accelerated flight</b>	A	A
<b>Dive forward angle on exit</b>	Dive forward less than 30°	Dive forward less than 30°
<b>Collapse occurs</b>	No	No
<b>Pitch stability operating controls during accelerated flight</b>	A	A
<b>Collapse occurs</b>	No	No
<b>Roll stability and damping</b>	A	A
<b>Oscillations</b>	Reducing	Reducing
<b>Stability in gentle spirals</b>	A	A
<b>Tendency to return to straight flight</b>	Spontaneous exit	Spontaneous exit
<b>en : Verhalten beim Verlassen einer vollständigen Steilspirale</b>	A	A
<b>en : Erstes Ansprechen des Gleitschirms (die ersten 180°)</b>	en : unmittelbare Verringerung der Drehgeschwindigkeit	en : unmittelbare Verringerung der Drehgeschwindigkeit
<b>Tendency to return to straight flight</b>	en : selbstständiges Ausleiten (G-Kraft abnehmend, Drehgeschwindigkeit abnehmend)	en : selbstständiges Ausleiten (G-Kraft abnehmend, Drehgeschwindigkeit abnehmend)
<b>Turn angle to recover normal flight</b>	Less than 720°, spontaneous recovery	Less than 720°, spontaneous recovery

<u>Symmetric front collapse</u>	A	A
<b>Entry</b> Rocking back less than 45°		Rocking back less than 45°
<b>Recovery</b> Spontaneous in less than 3 s		Spontaneous in less than 3 s
<b>Dive forward angle on exit</b> Dive forward 0° to 30°		Dive forward 0° to 30°
<b>Change of course</b> Keeping course		Keeping course
<b>Cascade occurs</b> No		No
<b>en : Faltleinen wurden benutzt</b> no		no
<u>en : Symmetrischer Frontklapper mindestens 50% Flügeltiefe</u>	A	A
<b>Entry</b> Rocking back less than 45°		Rocking back less than 45°
<b>Recovery</b> Spontaneous in less than 3 s		Spontaneous in less than 3 s
<b>Dive forward angle on exit</b> Dive forward 0° to 30°		Dive forward 0° to 30°
<b>Change of course</b> Entering a turn of less than 90°		Keeping course
<b>Cascade occurs</b> No		No
<b>en : Faltleinen wurden benutzt</b> no		no
<u>en : Symmetrischer Frontklapper im beschleunigten Flug mindestens 50% Flügeltiefe</u>	A	A