Route du Pré-au-Comte 8 A CH-)844 Villeneuve A +4) (0)2) 965 65 65

Test laboratory for paragliders, paraglider harnesses and paraglider reserve parachutes



Speed of opening, stability, descent rate

Inspection certificate number: EP_217.2018 Test Report

Manufacturer data

Manufacturer name: Gin Gliders Inc.
Representative: Gin Seok Song

Street: 2318-32, Baegok-daero, Mohyeon-myeon
Post code / Place: Cheoin-gu, Yongin-si, Gyeonggi-do

Country: 449-851 /South Korea

Sample data

 Name:
 Yeti rescue
 Size:
 45

 Steerable (1)
 No
 Maximum weight in flight (2) [kg]:
 150

 Weight (3) [kg]
 2.035
 volume packed [cm³]:
 5500

Serial number: 1217-YRP00001

Test data ⁽⁴⁾

Place of test

Villeneuve

Villeneuve

Villeneuve

Date of test 07.02.2018 08.02.2018
Inspector: Claude Thurnheer Claude Thurnheer

Atmosphere AGL

 [°C]
 4.5
 3.7

 RH [%]
 76
 72

 [hPa]
 965
 972.6

 Wind [m/s]
 0.2
 0.1

Summary of both results (5) EN LTF

Time of opening test [s]:

Calculated descent rate test [m/s]:

5.43

5.43

Stability test: POSITIVE POSITIVE

Behaviour during descent test: Stable Stable

Glider ratio: N/A N/A

If steerable:

Any flight procedure and/or configuration described in the user's manual

N/A

Route du Pré-au-Comte 8 🔺 CH-1844 Villeneuve 🔺 +41 (0)21 965 65 65

Test laboratory for paragliders, paraglider harnesses and paraglider reserve parachutes



Strength test - 40 m/s opening shock

Inspection certificate number: EP_217.2018 Test Report

Manufacturer data

Manufacturer name:

Gin Gliders Inc.

Representative: Gin Seok Song
Street: 2318-32, Baego

Street: 2318-32, Baegok-daero, Mohyeon-myeon
Post code / Place: Cheoin-gu, Yongin-si, Gyeonggi-do

Country: 449-851 /South Korea

Sample data

 Name:
 Yeti rescue
 Size:
 45

 Steerable
 No
 Maximum weight [kg]:
 150

 Weight [kg]
 2.035
 volume packed [cm³]:
 5500

Serial number: 1217-YRP00003

Test data ⁽¹⁾ Test no. 1 Test no. 2

 Place of test
 Muraz
 Muraz

 Date of test
 21.02.2018
 21.02.2018

 Corrected mass [kg]
 150.91
 150.91

Inspector: Alain Zoller Alain Zoller

Atmosphere AGL

 [°C]
 0.7
 0.7

 RH [%]
 74
 74

 [hPa]
 963
 963

 Wind [m/s]
 0.1
 0.1

Test results Test no. 1 Test no. 2

Strength test (40m/s shock) **POSITIVE**Aircraft speed uncertainty K=2

[m/s] ⁽²⁾ 1.7 1.7

Item / type no. Validity Manufacturer S/N Weight N/A 2020 Air Turquoise SA Geos nº 11 08.05.2017 JDC elec. 22 Weak link 2020 Tost N/A

POSITIVE

Route du Pré-au-Comte 8 * CH-1844 Villeneuve * +41 (0)2) 965 65 65

Test laboratory for paragliders, paraglider harnesses and paraglider reserve parachutes



Identification number:

MISC_069.2018

Gin Gliders Inc. Yeti rescue 45

Result summary

Maximum strength for riser, bridle

24904.7 [N]

Place of declaration
Date of issue:
Managing director

Villeneuve 15.03.2018 Alain Zoller

Signature:



This signature approve the validity of the test report, and can be included in the inspection certificate 71.5.1

Air Turquoise SA has thoroughly tested the sample of emergency parachute mentioned above and certifies its conformity with the standards: LTF NFL II 9/09 chapter 6.1.4

Instrument	Validity	Manufacturer	Type no.	S/N
Load sensor	14.10.2017	HBM	1-S9M/50KN-1	31314652
Geos n° 11 Skywatch	08.05.2017	JDC elec.	Geos n° 11	22

⁽¹⁾ Riser: lowest part of the parachute system, which is connected to harness. Bridle: connection between riser and harness, can also be a strap.

⁽²⁾ The connecting strap has to have a minimum load capacity of 24000 [N]. The exposed part of the connecting belt has to be protected against environmental factors.

⁽³⁾ Calculated value include the value minus the uncertainty (on safe side) / The uncertainty stated is the expanded uncertainty obtained by multiplying the standard uncertainty by the coverage factor k = 2. The value of the measurand lies within the assigned range of values with a probability of 95%.

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Test laboratory for paragliders, paraglider harnesses and paraglider reserve parachutes



Identification number:

MISC 070.2018

Gin Gliders Inc. Yeti rescue 45 one size

Result summary

Inner container strength test. Applied minimum 700 N for at least 10 seconds and at maximum strength.

Duration at the required strength:

15.5 [s]

The maximum strength before broken:

980.0 [N]

Place of declaration

Date of issue:

Villeneuve

20.03.2018

Managing director

Randi Eriksen

Signature:

Kanditiko

This signature approve the validity of the test report, and can be included in the inspection certificate 71.5.1

Air Turquoise SA has thoroughly tested the sample of riser/bridle mentioned above and certifies its conformity with the standards: EN 12491: 2015 chapter 5.3.2 and LTF

NfL 91/09 chapter 6.1.8

Instrument	Validity	Manufacturer	Type no.	S/N
Load Cell (axial)	01.06.2021	Burster GmbH (DE)	8431-10000	1185483
Winch	02.02.2019	Arwin	300/600	N/A
Geos n° 11 Skywatch	08.05.2017	JDC elec.	Geos n° 11	22

⁽¹⁾ Inner container: container of the folded emergency parachute.

⁽²⁾ Inner container (the connection between handgrip and inner container) is loaded at min 700 [N] over 10 seconds. The deployment system is loaded until breaking. Each component is tested.

⁽³⁾ Calculated value include the value minus the uncertainty (on safe side) / The uncertainty stated is the expanded uncertainty obtained by multiplying the standard uncertainty by the coverage factor k = 2. The value of the measured lies within the assigned range of values with a probability of 95%.