

# Canopy dimensions REPORT

**Test report ref. number: CCC-NK0219**

Name: **Icepeak Evox** Place: **Le Chables** Manufacturer name: **Niviuk gliders / Air Games** Paragliders permitted in FAI Category 1 Cross-Country events 2018 Edition Revision 1.9  
 Size: **24** Date of measurement: **11.03.2019**  
 Maximum load [kg]: **110** Inspector: **Tim Rochas** Street: **Carrer del Ter 6 - nave D**  
 Serial number: **OI 410109** Post code / place: **17165 La Cellera de Ter - Girona**  
 Date of reception: Country: **(Spain)** Tel T: **+34 972 422 878**

## Canopy dimensions

|                   | RIB nb from center | Measure mm | Tension | Tolerances |
|-------------------|--------------------|------------|---------|------------|
| Full Span         |                    | 13380,4    | 5 daN   | 2%         |
| 1/2 Trailing Edge |                    | 6826,5     | 5 daN   | 1%         |
| Chord A           | 1                  | 2198,7     | 1 daN   | 1%         |
| Chord B           | 20                 | 1963,3     | 1 daN   | 1%         |

| Aspect ratio                   |
|--------------------------------|
| 4*span / (chord A+2.5*Chord B) |
| <b>7,53</b>                    |

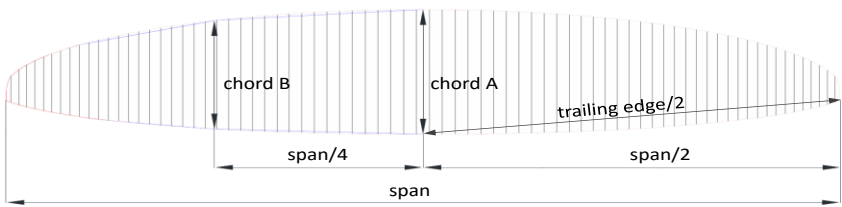
| Nbr cells (total) |
|-------------------|
| 99                |

## Chord length, inlet position, tabs position measured from trailing edge.

| First fully lined RIB of group 1 (from center) |        |          |         |            |
|--|--------|----------|---------|------------|
|  | Rib n° | Distance | Tension | Tolerances |
| Chord  | 3      | 2178,3   | 1 daN   | +/-10mm    |
| Top of inlet                                   | 3      | 2098,4   | 5 daN   | +/-10mm    |
| Bottom of inlet                                | 3      | 2056,6   | 5 daN   | +/-10mm    |
| Tab Aa   | 3      | 1882,3   | 5 daN   | +/-10mm    |
| Tab Ab   | 3      | 1773,6   | 5 daN   | +/-10mm    |
| Tab B  | 3      | 928,5    | 5 daN   | +/-10mm    |
| Tab C  | 3      | 705      | 5 daN   | +/-10mm    |

| First fully lined RIB of group 2 (from center) |        |          |         |            |
|--|--------|----------|---------|------------|
|  | Rib n° | Distance | Tension | Tolerances |
| Chord  | 20     | 1958,3   | 1 daN   | +/-10mm    |
| Top of inlet                                   | 20     | 1893,1   | 5 daN   | +/-10mm    |
| Bottom of inlet                                | 20     | 1860,3   | 5 daN   | +/-10mm    |
| Tab Aa   | 20     | 1686,8   | 5 daN   | +/-10mm    |
| Tab Ab   | 20     | 1590,9   | 5 daN   | +/-10mm    |
| Tab B  | 20     | 827,4    | 5 daN   | +/-10mm    |

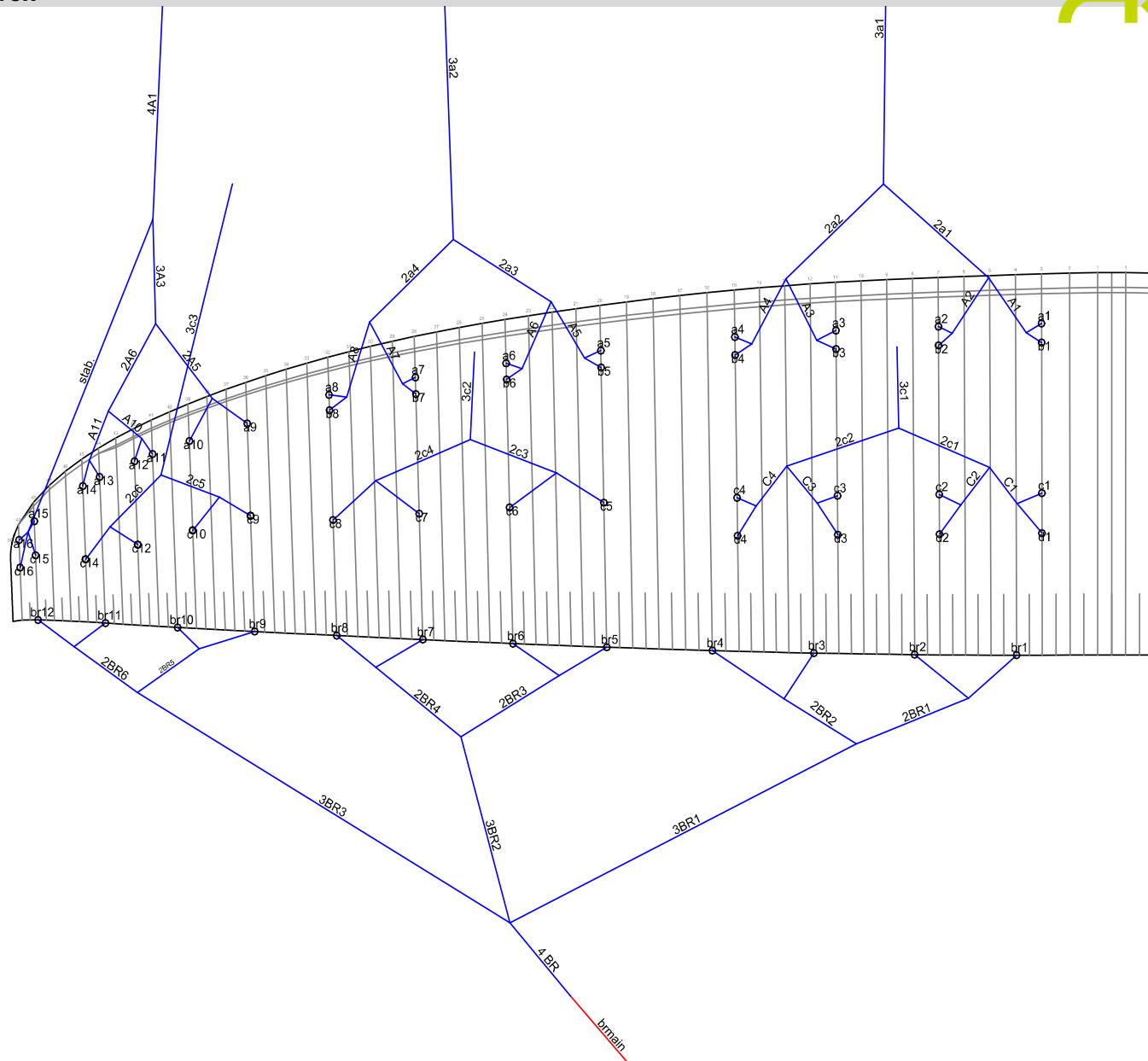
| Last lined rib (stabilo) (from center) |        |          |         |            |
|--|--------|----------|---------|------------|
|  | Rib n° | Distance | Tension | Tolerances |
| Chord                                  | 49     | 529,6    | 1 daN   | +/-10mm    |
| Tab A                                  | 49     | 450      | 5 daN   | +/-10mm    |
| Tab B                                  | 49     | 302,6    | 5 daN   | +/-10mm    |



Span /2      6690,2  
 Span /4      3345,1

The validation of this test report is given by the signature of the test manager on inspection certificate CCC Inspection certificate / 71.8.1 CCC

Line plan IP Evox





Manufacturer: **Niviuk gliders**  
 Glider: **Icepeak Evox 24**

S/N: **OI 410109**

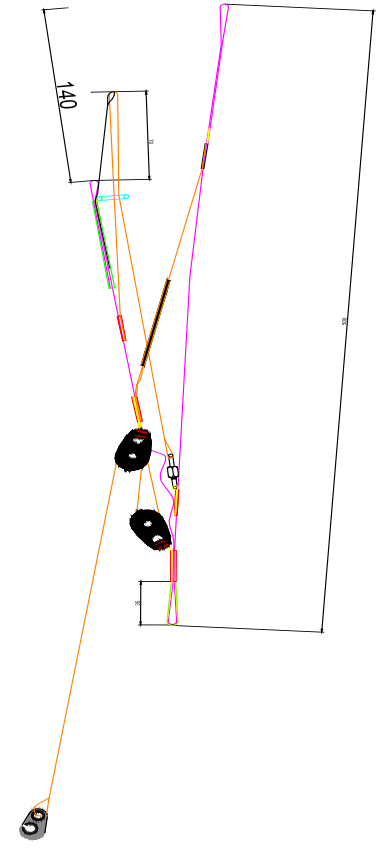
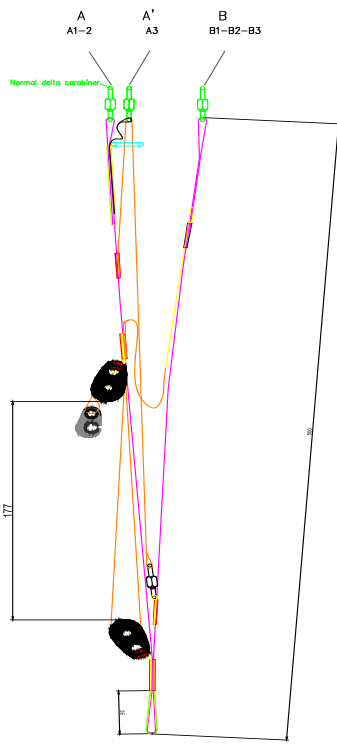
Done by: **Tim Rochas**

date: **11.03.2019**

## Line measurement

Lines measurements with risers in mm under 5kg (from wing to bottom of risers)

| Name | Manual | ample mesure | Dif | Name | Manual | ample mesure | Dif | Name | Manual | ample mesure | Dif | Name | Manual | ample mesure | Dif |
|------|--------|--------------|-----|------|--------|--------------|-----|------|--------|--------------|-----|------|--------|--------------|-----|
| a1   | 8246   | 8252         | 6   | b1   | 8232   | 8238         | 6   | c1   | 8239   | 8249         | 10  | d1   | 8348   | 8356         | 8   |
| a2   | 8128   | 8132         | 4   | b2   | 8111   | 8121         | 10  | c2   | 8098   | 8102         | 4   | d2   | 8207   | 8214         | 7   |
| a3   | 8098   | 8098         | 0   | b3   | 8081   | 8085         | 4   | c3   | 8071   | 8070         | -1  | d3   | 8178   | 8178         | 0   |
| a4   | 8141   | 8143         | 2   | b4   | 8127   | 8127         | 0   | c4   | 8146   | 8146         | 0   | d4   | 8248   | 8247         | -1  |
| a5   | 8026   | 8022         | -4  | b5   | 8010   | 8012         | 2   | c5   | 8012   | 8012         | 0   |      |        |              |     |
| a6   | 7866   | 7871         | 5   | b6   | 7849   | 7852         | 3   | c6   | 7846   | 7849         | 3   |      |        |              |     |
| a7   | 7772   | 7773         | 1   | b7   | 7755   | 7759         | 4   | c7   | 7768   | 7774         | 6   |      |        |              |     |
| a8   | 7753   | 7753         | 0   | b8   | 7742   | 7746         | 4   | c8   | 7806   | 7810         | 4   |      |        |              |     |
| a9   | 7577   | 7573         | -4  |      |        |              |     | c9   | 7571   | 7576         | 5   |      |        |              |     |
| a10  | 7442   | 7443         | 1   |      |        |              |     | c10  | 7449   | 7454         | 5   |      |        |              |     |
| a11  | 7388   | 7391         | 3   |      |        |              |     | c12  | 7390   | 7393         | 3   |      |        |              |     |
| a12  | 7358   | 7366         | 8   |      |        |              |     | c14  | 7414   | 7417         | 3   |      |        |              |     |
| a13  | 7348   | 7347         | -1  |      |        |              |     | c15  | 7260   | 7250         | -10 |      |        |              |     |
| a14  | 7370   | 7367         | -3  |      |        |              |     | c16  | 7275   | 7279         | 4   |      |        |              |     |
| a15  | 7248   | 7251         | 3   |      |        |              |     |      |        |              |     |      |        |              |     |
| a16  | 7246   | 7258         | 12  |      |        |              |     |      |        |              |     |      |        |              |     |



Risers measurements with carabiner in mm under 5kg (from bottom of risers to bottom of lines)

| Risers Manual            |     |
|--------------------------|-----|
| Position 1 (neutral)     |     |
| A                        | 514 |
| A'                       | 517 |
| B                        | 516 |
| $\Delta$ trim (A-B)      | -2  |
| Position 2 (accelerated) |     |
| A                        | 374 |
| A'                       | 444 |
| B                        | 516 |
| $\Delta$ accel (B-A)     | 142 |
| Total speed range        | 140 |

