

## Section 2 SPECIFICATIONS

|  | C4-13           |                   | C4-13.5         |                   | C4-14           |                   |
|--|-----------------|-------------------|-----------------|-------------------|-----------------|-------------------|
|  | METRIC          | IMPERIAL          | METRIC          | IMPERIAL          | METRIC          | IMPERIAL          |
| SAIL AREA  | 12.7 sq m       | 137 sq ft         | 13.5 sq m       | 146 sq ft         | 14.3 sq m       | 154 sq ft         |
| WING SPAN  | 9.6 m           | 31.5 feet         | 10.00 m         | 32.8 feet         | 10.4 m          | 34.1 feet         |
| ASPECT RATIO   | 7.3             |                   | 7.4             |                   | 7.6             |                   |
| NOSE ANGLE   | 128-133 degrees |                   | 128-133 degrees |                   | 128-133 degrees |                   |
| DOUBLE SURFACE %   | 93%             |                   | 93%             |                   | 93%             |                   |
| BATTENS  | 22 + 6          |                   | 24 + 6          |                   | 24 +6           |                   |
| GLIDER WEIGHT  | 33 kg           | 73 pound          | 34 kg           | 75 pound          | 36 kg           | 79 pound          |
| PACK UP LENGTH   | 4.9 m           | 16.1 ft           | 5.1 m           | 16.7 ft           | 5.3 m           | 17.3 ft           |
| SHORT PACK LENGTH  | 3.8 m           | 12.5 ft           | 4.0 m           | 13.1 ft           | 4.1 m           | 13.5 ft           |
| RECOMMENDED PILOT<br>HOOK IN WEIGHT<br>RANGE<br>(Includes Equipment) | 55-80 kg        | 121-176<br>pounds | 70-110 kg       | 154-220<br>pounds | 85-120 kg       | 187-265<br>pounds |
| VNE (Recommended<br>Maximum Velocity)                                | 85 km/h         | 53 mph            | 85 km/h         | 53 mph            | 85 km/h         | 53 mph            |
| VA (Recommended<br>Maximum Rough Air<br>Manoeuvring Velocity)        | 74 km/h         | 46 mph            | 74 km/h         | 46 mph            | 74 km/h         | 46 mph            |
| VD (Maximum Steady<br>State Velocity)                                | 125 km/h        | 78 mph            | 125 km/h        | 78 mph            | 125 km/h        | 78 mph            |

**Note:** The stall speed of the Climax at maximum recommended wing loading is less than the minimum requirement of 25 mph (40 km/h). The minimum or steady state speed is at least 35 mph (56 km/h) for a prone pilot with correctly adjusted harness.