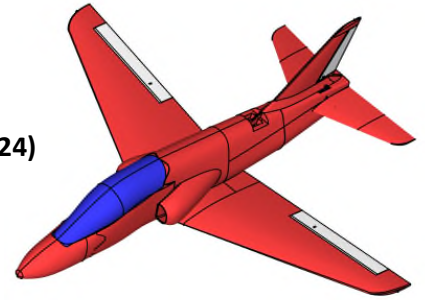


Projekt/ *Project*: Mini Hawk Version: 1.0 (12.2024)

Projekteigentümer/*Project owner*: Andreas Siek

Veröffentlicher/*Published by*: RC-Jetprint.de



Spezifikationen und Zubehör/*Specifications and list of components*:

| | |
|---|---|
| Spannweite/ <i>Wingspan</i>: | 590 mm |
| Länge/ <i>Length</i>: | 600 mm |
| Flächenbelastung/ <i>Wing load</i>: | Nicht berechnet/ <i>Not calculated</i> |
| Luft-Geschwindigkeiten/ <i>Air speeds</i>: | 45-100km/h |
| Haupt-EDF/ <i>Main-EDF</i>: | Galaxy X4 - 40mm EDF, 12 blades + 4S Motor 5000KV |
| Hauptluftführung/ <i>Main ducting</i>: | Open Ducting |
| Gewicht/ <i>Weight</i>: | App. 340 gr |
| Stand Schub / <i>Horizontal thrust</i>: | App. 400 gr |
| Haupt-Lipo/ <i>Main-Lipo</i>: | 4S, 80C, 850 mAh |
| Haupt Regler/ <i>Main ESC</i>: | D-Power AVICON 30A , 4A SBEC |
| Querruder Servo/ <i>Ailerons servo</i>: | 2 x Chaservo – DS06 (Max.Rudder travel +- 10mm) |
| Höhenruder Servo/ <i>Elevator servo</i>: | Chaservo - DS06 (Max. Rudder travel +- 8mm) |
| Seitenruder Servo/ <i>Rudder servo</i>: | Chaservo - DS06 (Max Rudder travel +- 10mm) |
| Empfänger/ <i>Receiver</i>: | Min. 5 CH |

Hinweise:

Die hier gelisteten Komponenten sind Empfehlungen des Projekteigentümers, die ausgesucht und getestet wurden, um ein optimiertes Schub-Gewichtsverhältnis darzustellen, bei gleichzeitiger verlässlicher Funktionalität der Komponenten. **Die Druckdateien sind auf diese Komponenten ausgelegt!**

Notes:

The components listed are the project owners recommendations that have been selected and tested to provide an optimized thrust-to-weight ratio while maintaining reliable component functionality. **The print files are designed for these components!**

| Teile Liste/ Part List | | |
|-------------------------------|---------------|-------------------------------|
| Part | Amount | Recommendations/ Links |
| Materials | | |
| LW-PLA | 500 gr | ColorFabb |
| PLA | 100 gr. | Bambu Lab |
| Super Glue | 50 gr. | |
| Super Glue Accelerator | 1 bottle | |
| Sand Paper 80 grid, 120 grid | 2 sheets | |
| Fork heads plastic M2 | 8 pc. | Linkages |
| Ball joints M2 | 8 pc. | Linkages |
| M2 threaded rod | 500mm | Linkages |
| 2 mm Carbon rod | 1.000 mm | Rudder fastening and ailerons |
| Wheels 40 mm x 10 mm (foam) | 3 pc. | Optional |
| Servo extension cables | 4 pc. | User dependant |
| Magnets 5mm x 5mm x 2,5mm | 2 pc. | Canopy fastening |

Additional Information:

*An actual **RC-Jetprint LWPLA-profile** for the Bambulab X1C printer will be part of the downloadable file-set! This profile is tested on ColorFabb LWPLA only!*

The file names within the complete STL-file set are organized and to read as follows:

“Part name” – “Material to print” – “Recommended infill density” – “Recommended wall loops”

Example: “Inlet section left-LWPLA 3-1”

Material for this part to use is: **LWPLA**

Recommended infill density is: **3%**

Recommended wall loops is: **1**