

Projekt/ Project: X-32B Version: 1.0 (12.2023)

Projekteigentümer/Project owner: Joel Vlashof, Andreas Siek

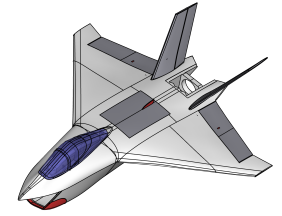
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Spezifikationen und Zubehör/ Specifications and list of components:

Spannweite/ Wingspan:	1.260 mm
Länge/ Length:	1.480 mm
Flächenbelastung/ Wing load:	Nicht berechnet/ Not calculated
Luft-Geschwindigkeiten/ Air speeds:	45-140km/h
Haupt-EDF/ Main-EDF:	1 x JP 105 mm - 8S - 1150Kv
Hauptluftführung/ Main ducting:	Open Ducting - 95° rotatable thrust vectoring
Gewicht/ Weight:	App. 5.200 gr
Stand Schub / Horizontal thrust:	5.000 gr
Vertikaler Stand Schub/ Vertical thrust:	8.000 gr
Haupt-Lipo/ Main-Lipo:	8S, 50C, 5.000 mAh
Regler/ ESC:	APD F Series 200F3 14S, 60V, 200A
Spannungsversorgung/ BEC:	Matek UBEC Duo 4A 5V-12V
Seitenruder Servo/ Rudder servo:	2 x Hitec HS-70-MG (or similar)
Querruder Servo/ Ailerons servo:	2 x Hitec HS-70-MG (or similar)
Höhenruder Servo/ Elevator servo:	2 x Hitec HS-70-MG (or similar)
Vorflächen Servo/ Slats servo:	2 x Hitec HS-70-MG (or similar)
Empfänger/ Receiver:	Min. 10CH
Haut-EDF Drehung/ Main-EDF turning:	2 x AGFRC, B26CLM, 10.5kg
Vektorsteuerung/Thrust vectoring tail:	2 x Torcster Micro Servo NR-54 MG Digital
EZF Bug/ Front gear retract:	1 x Pichler size (M) steerable retract
Lenkung Bugservo/ Front gear servo:	8mm Micro Servo
EZF Haupt/ Main gear retract:	2 x Pichler size (M)
Vorderer Impeller/ Front EDF:	2 x Galaxy X4 40 mm, 5000Kv
Hinterer Impeller/ Back EDF:	2 x Galaxy X4 40 mm, 5000Kv
Flächenimpeller/ Wing EDF:	2 x QX Motor, 30 mm - 7.000KV or 14.000KV
Yaw- Flächenservos/ Yaw wing servos:	2 x Torcster Micro Servo NR-54 MG Digital
Fahrwerkstüren/ Gear doors:	6 x Torcster Micro Servo NR-54 MG Digital
Haupt-EDF Türen/ Main EDF doors:	2 x Hitec HS-70-MG (or similar)
Stabi-Lipo/ Leveling-Lipo:	4S, 40C, 4.000 mAh
Stabi-System/ Leveling system:	KK2.1.5 board – "OpenAero V1.6" flashed (VTOL version)
Flugstabilisierung/ Flight Controller:	3-Axis Gyro (user dependant) or KK2.1.5 board
Telemetrie/ Telemetry:	Capacity, Voltage, Air speed, etc. (user dependant)

Teile Liste/ Part List X-32B		
Part	Amount	Recommendations
Materials		
LW-PLA	3.000 gr.	ColorFabb
PLA	400 gr.	ColorFabb
3D Lac Plus	1	
Super Glue	150 gr.	
Super Glue Accelerator	1 bottle	
Sand Paper 80 grid, 120 grid	5 sheets	
Fork heads plastic M2	30 pc.	
Ball joints M2	30 pc.	
M2 threaded rod	1 m	
10x1mm Carbon tube	500 mm	
8x1mm Carbon Tube	1.500 mm	
6x1mm Carbon Tube	1000 mm	
5x1mm Carbon Tube	500 mm	
4x1mm Carbon Tube	500 mm	
3 x 1mm Carbon Rod	500 mm	
Nylon screws M4	2 pc.	
Nylon nuts M3	24 pc.	
Stainless steel screws M2/ M3	Appr. 50 pc.	
Hardened steel rod 4mm	100 mm	
Magnets 5x5x5	4 pc.	
Magnets 5x5x2	8 pc.	
Wheels 55 mm diameter (foam)	3 pc.	
Hinge tape	1 m	
Several servo extension cables	6 - 10 pc.	User dependant
Several servo Y-cables	6 – 10 pc.	User dependant

Projekt/ *Project*: X-32A (Handlauncher)



Version: 1.0 (09.2023)

Projekteigentümer/*Project owner*: Joel Vlashof, Andreas Siek

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

Spannweite/ <i>Wingspan</i>:	320 mm
Länge/ <i>Length</i>:	440 mm
Flächenbelastung/ <i>Wing load</i>:	Nicht berechnet/ <i>Not calculated</i>
Luft-Geschwindigkeiten/ <i>Air speeds</i>:	70-130km/h
Haupt-EDF/ <i>Main-EDF</i>:	1 x QX Motor, 30 mm - 14.000KV
Hauptluftführung/ <i>Main ducting</i>:	Open Ducting
Gewicht/ <i>Weight</i>:	App. 360 gr (incl. Lipo)
Stand Schub / <i>Horizontal thrust</i>:	350 gr
Haupt-Lipo/ <i>Main-Lipo</i>:	3S LiPo, 800 mAh
Regler/ <i>ESC</i>:	40 A
Querruder Servo/ <i>Ailerons servo</i>:	2 x Torcster Micro Servo NR-54 MG Digital (Delta mix)
Empfänger/ <i>Receiver</i>:	Min. 3 CH (gyro assist optional)

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!**