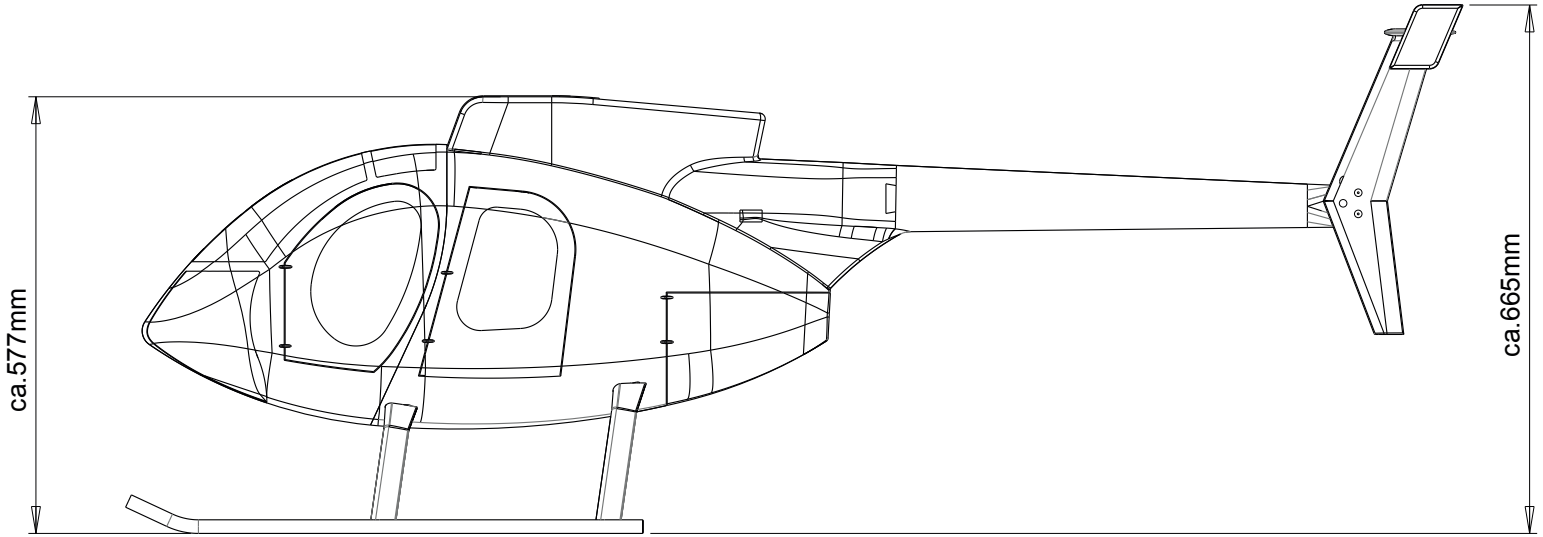
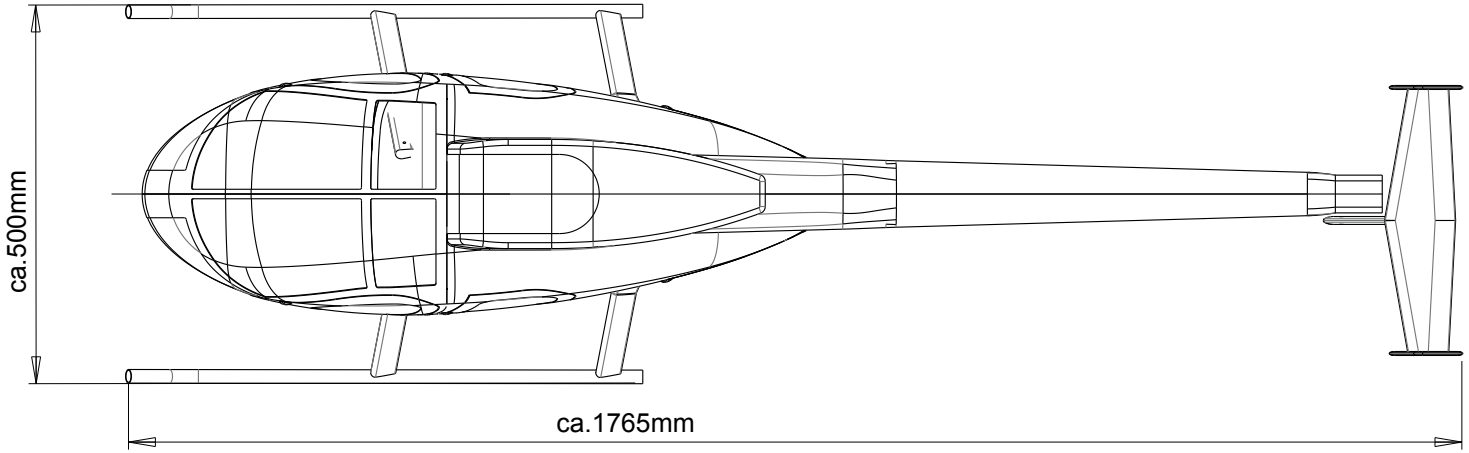
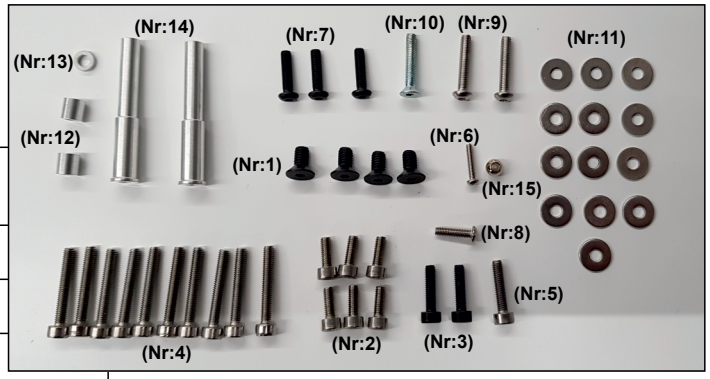
Montageanleitung / Manual
Hughes 500 > Logo 800 xxtreme

HELI-CENTER BERLIN

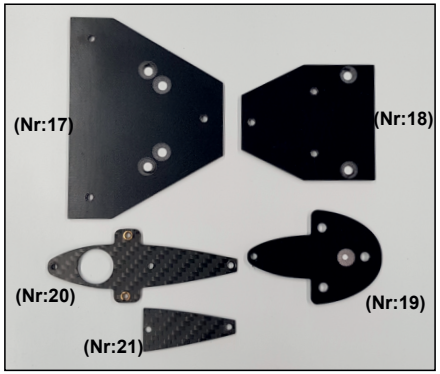
HELI-CENTER-BERLIN.DE

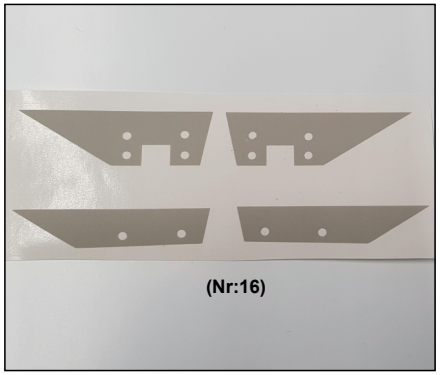

ca.577mm
ca.665mm


ca.500mm
ca.1765mm



Stück / Item	Nr.	Maße / Dimensions	Verwendungszweck / Usage
4	1	ISK Schraube M4x10 / Screw	Cfk-Platten an Chassis vorn + hinten / Carbon adapter plate
6	2	ISK Schraube M3x8 / Screw	Cfk-Platten an Podest / Carbon adapter plates to carbon Box
2	3	ISK Schraube M3x12 / Screw	Rumpfbefestigung vorne oben / upper fuselage mounting
10	4	ISK Schraube M3x20 / Screw	8x Kufenbein Befestigung, 2x Seitenleitwerk / Skid´s , Tail fin
1	5	ISK Schraube M3x14 / Screw	Leitwerkbefestigung / Tail fin mounting
1	6	ISK Linsenkopfschraube M2x10 / lens head screw	für Kugel Umlenkhebel / for ball Tailrotor lever
3	7	ISK Linsenkopfschraube M3x12 / lens head screw	Heckrotorbefestigung / Tailgear mounting
1	8	ISK Linsenkopfschraube M2,5x16 / lens head screw	Heckrotor / Tailgear
2	9	ISK Linsenkopfschraube M3x16 / lens head screw	Rumpfbefestigung vorn oben / upper fuselage mounting
1	10	ISK Senkkopfschraube M3x16 / countersunk screw	Heckrotor / Tailgear
13	11	U-Scheibe 3,2x9 / washer	8x Kufenbeinbefestigung, 3x Leitwerk, 2x Rumpfbefestigung oben
2	12	Distanz 5,5mm / distance sleeve	Rumpfbefestigung vorn oben / for upper Fuselage mounting
1	13	Distanz 1,5mm / distance sleeve	Leitwerkhalter / Tail fin
1	14	Distanzbolzen 38mm / distance bolt	Rumpfbefestigung vorn oben / upper Fuselage mounting
1	15	Kugel 4,77mm / bullet	Umlenkhebel Heckrotor / Tailrotor linkage
1	16	Schablone für Chassisabschnitt / maskingtape	maskingtape for frame cutting
1	17	Cfk Platte 3mm Mechanik vorn / Carbon plate front	
1	18	Cfk Platte 3mm Mechanik hinten / Carbon plate rear	
1	19	Cfk Platte 3mm Seitenleitwerkhalter /Carbon plate Tailfin	
1	20	Cfk Distanzplatte 2mm Heckrotor links / Carbon plate Tailgear left	
1	21	Cfk Distanzplatte 2mm Heckrotor rechts / Carbon plate Tailgear right	





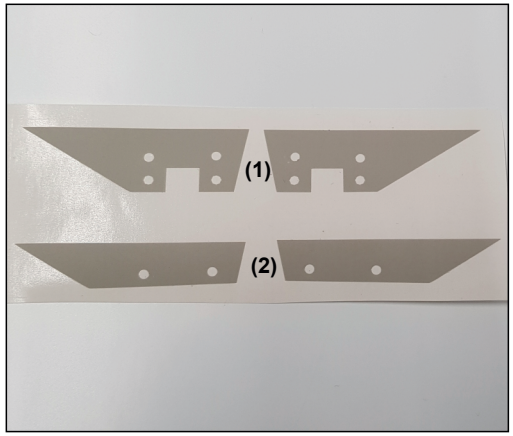
1. Mechanik Vorbereitung / *Prepare Mechanic*

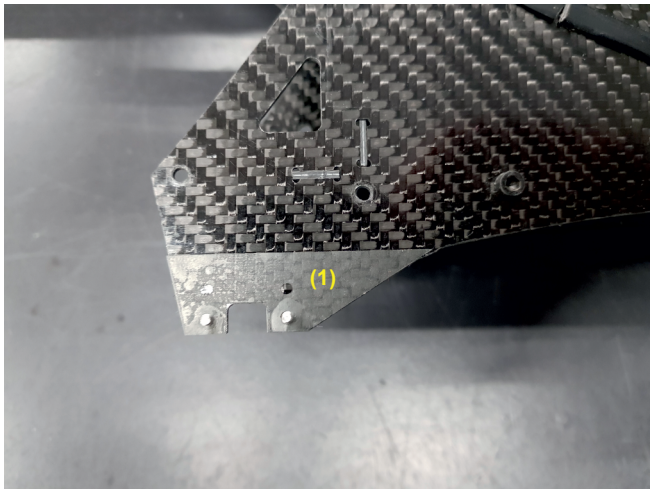
Das Chassis muss an der hinteren Kufebefestigung verkürzt werden !
The chassis must be shortened at the rear landing gear attachment!

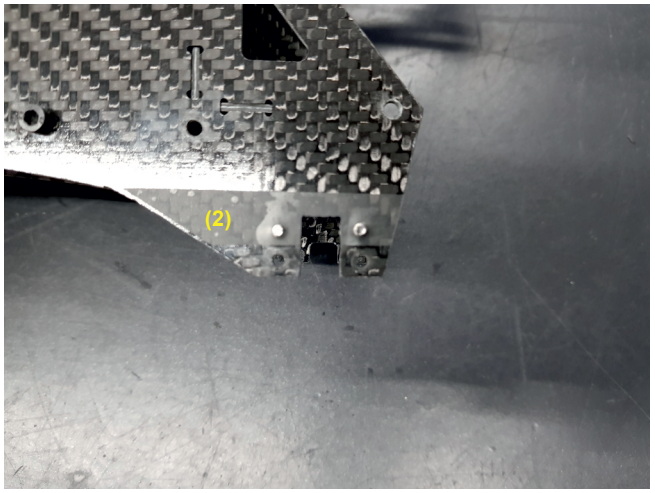
Alle Schrauben wenn nötig mit Schraubensicherungsmittel versehen !
If necessary, provide all screws with threadlocker !

Mechanik gemäß Bild vorbereiten. Seitenleitwerk, Stützstreben und Kufenbefestigung entfernen.
Heckrotorgehäuse demontieren. Haube und Haubenbolzen entfernen.

Prepare Mechanic like shown in the picture. Remove Tailfin´s, Tail Boom brace and Skid holders.
Remove Tailrotor gear box, Canopy and Canopy mounting´s.

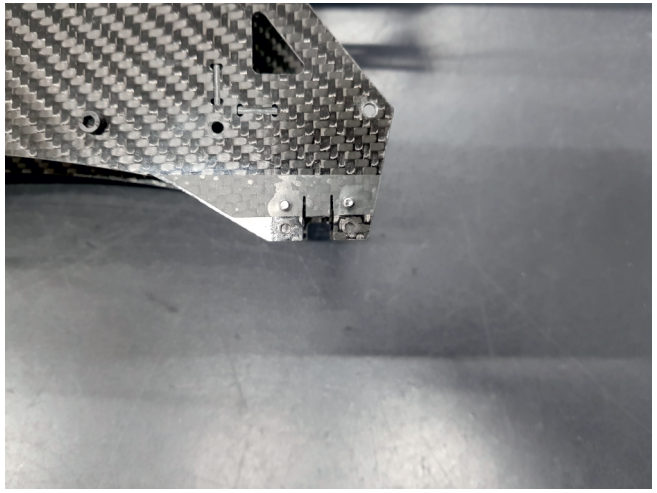


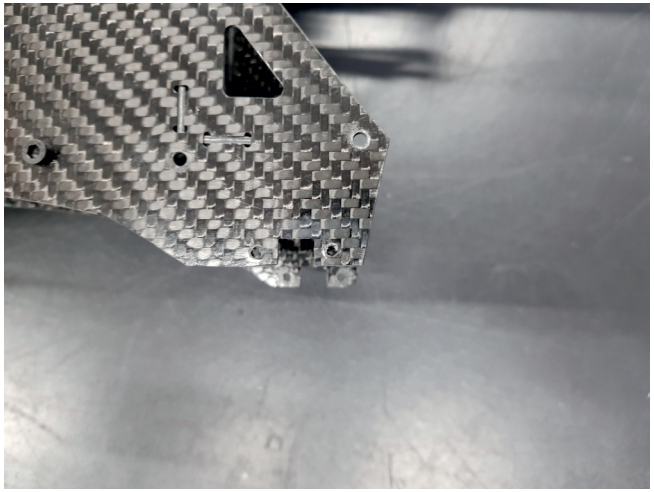


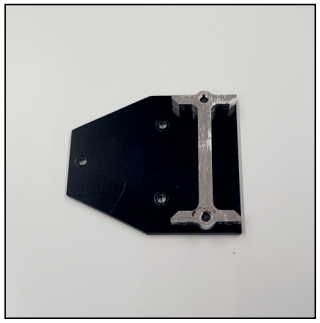


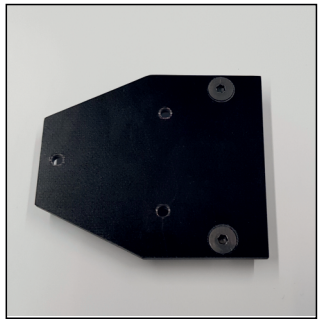
Beiliegende Schablonen benutzen um das Chassis zu modifizieren. Zuerst Schablone 1 benutzen um die neuen Bohrungen zu bohren und die rechteckige Öffnung zu übertragen, dann Schablone 2 benutzen um das Chassis zu verkürzen. Die Bohrungen sollten auf 3mm gebohrt werden !

Use enclosed templates to modify the chassis. First use template 1 to drill the new holes and the rectangular opening then use template 2 to shorten the chassis. The holes should be drilled to 3mm!



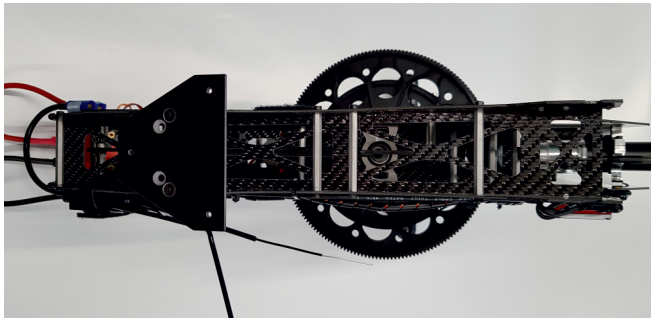






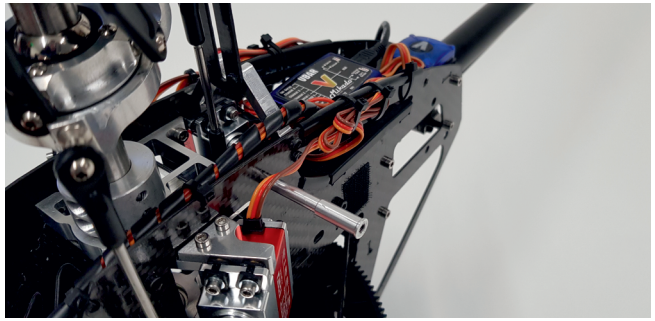
Hintere Kufenbefestigung an Cfk Platte 3mm mit ISK Senkkopfschraube M4x10 befestigen

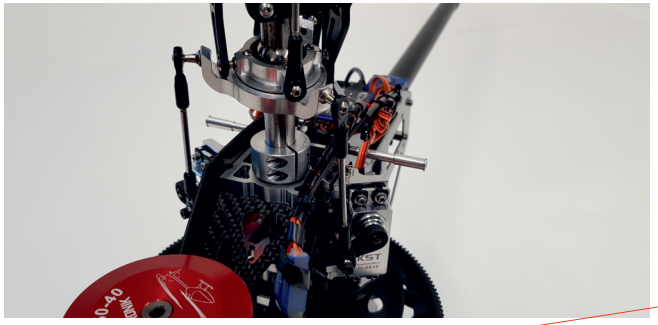
Rear skid mounting to Cfk plate 3mm with countersunk screw M4x10

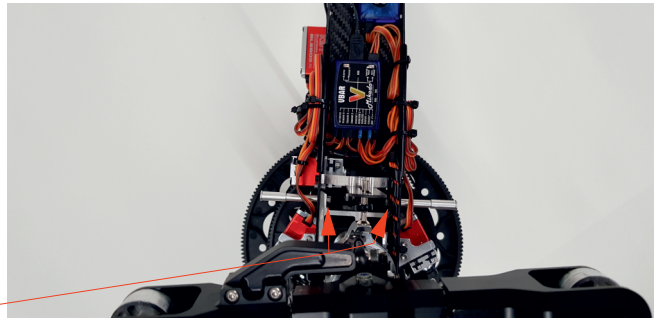


Vordere Cfk Platte 3mm mit ISK Senkkopfschraube M4x10 an Chassis befestigen.

Front Cfk plate 3mm with countersunk screw M4x10 attach to chassis.

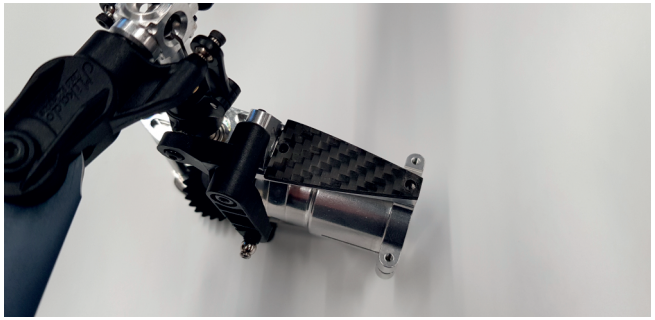


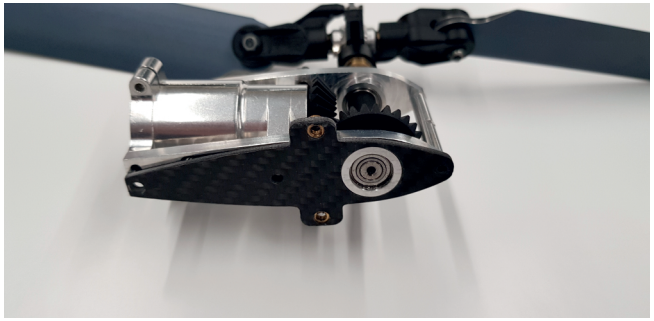


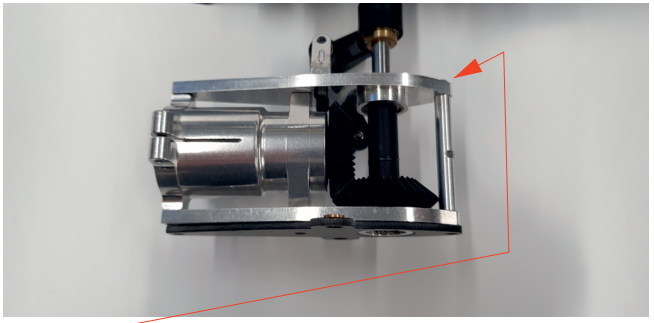


Distanzbolzen 38mm mit ISK Schraube 3x12 an Chassis befestigen.

Attach spacers 38mm to chassis with ISK screw 3x12.







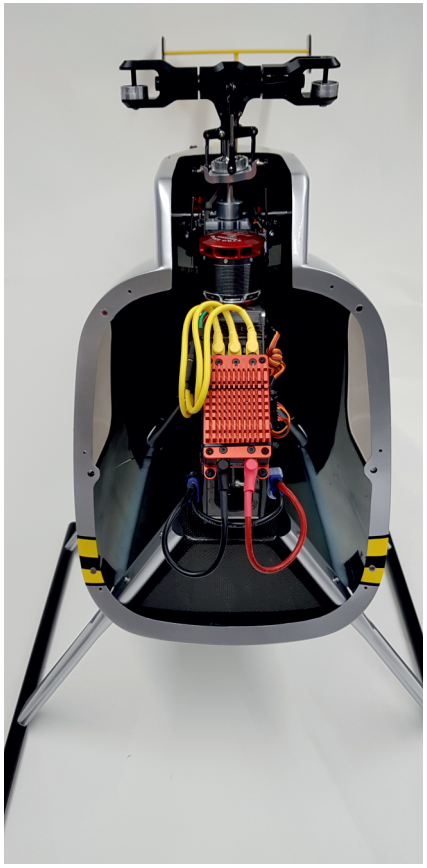
Heckrotor gemäß Bild vorbereiten. Original Schrauben von Seitenplatte rechts und links entfernen. (außer Schraube hinten rechts)

Prepare the tail rotor as shown in the picture. Remove original screws from side plate right and left. (except right rear screw).

2. Mechanik montieren / *Mount Mechanic*

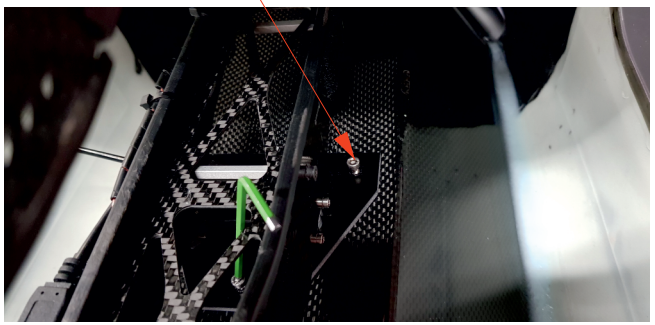
Kufen mit ISK Schraube 3x20 und U-Scheibe 3,2x9 befestigen.
Hintere Mechanikbefestigung mit ISK Schraube 3x8 befestigen

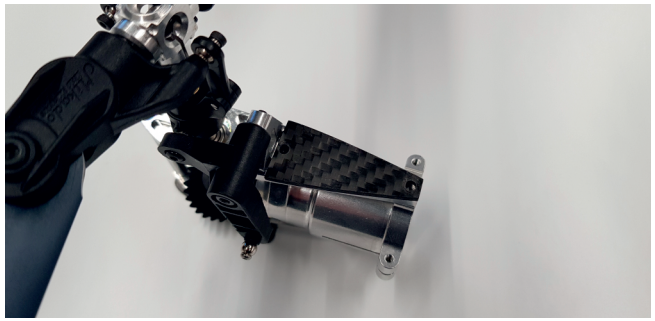
Mount skids with Screw 3x20 and Washer 3,2x9.
And the rear carbon adapter with screw 3x8.



Mechanik in den Rumpf schieben. Vorne mit ISK Schraube 3x8 und hinten mit den originale M2,5 Schrauben befestigen.

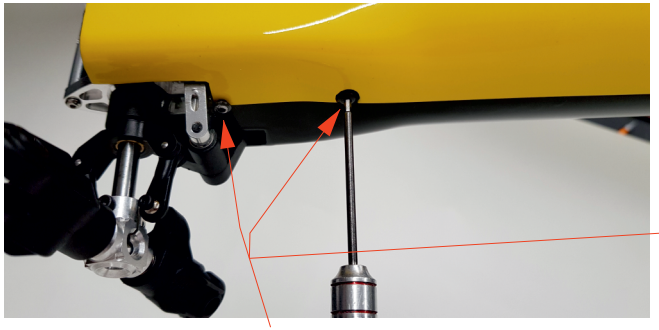
Put the Mechanik into the fuselage. Front mount with Screw 3x8 and rear with the original screw M2,5.





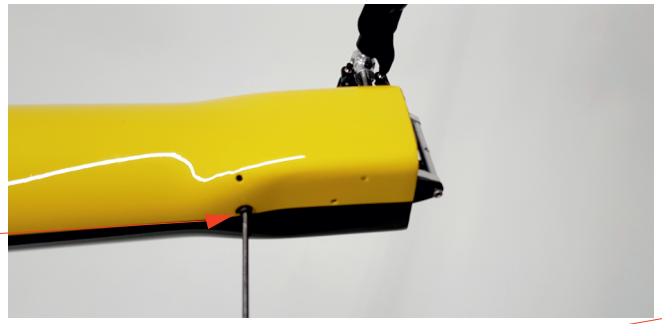
Original Kugel entfernen und durch beiliegende Kugel mit ISK Linsenkopfschraube 2x10 ersetzen.

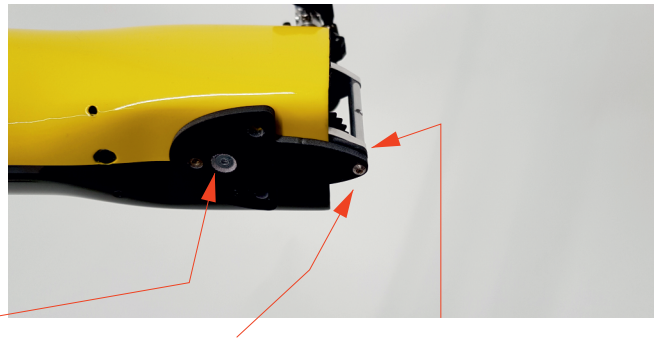
Remove the original ball and replace it with the enclosed ball with a 2x10 lens head screw



Heckrotor in den Rumpf schieben und mit 3x ISK Linsenkopfschraube 3x12 befestigen.

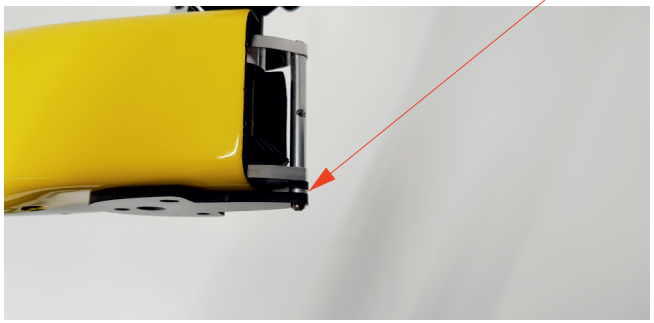
Slide the Tailgear into the fuselage and mount it with lens head screw 3x12

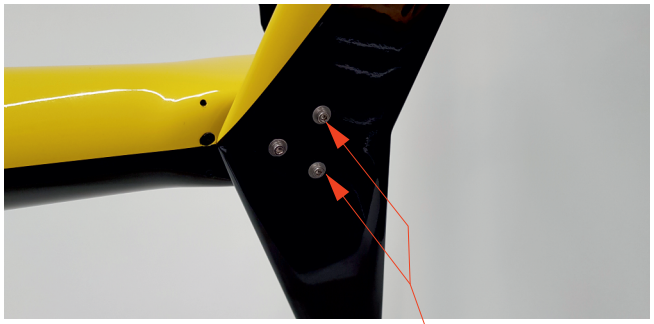




Leitwerkhalter mit ISK Senkkopfschraube 3x16 und ISK Linsenkopfschraube 2,5x16 sowie Distanz 1,5mm befestigen

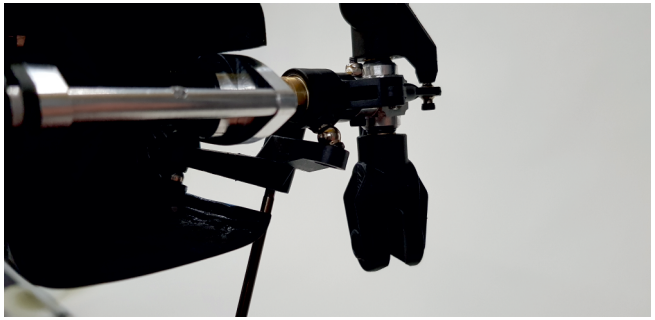
Mount Tail fin holder with counter sunk screw 3x16 and lens head screw 2,5x16. between Holder and Tailgear comes a distance sleeve 1,5mm





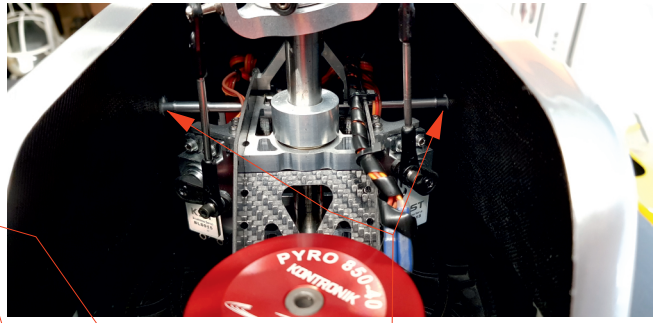
Leitwerk mit 2x ISK Schraube 3x20 und 1x ISK Schraube 3x14 vorn befestigen

Mount Tail Fin with screw 3x20 und screw 3x14 front



Heckrotoranlenkung einclipsen, ggf. Umlenkhebel demontieren.

Don´t forget the to install the pushrod linkage !
if necessary disassemble the lever



Mechanik am Rumpf oben mit ISK Linsenkopfschraube 3x16, U-Scheibe 3,2x9 sowie Distanz 5,5mm befestigen.
Mount the mechanic with lens head screw 3x16, washer 3,2x9 and distance sleeve 5,5mm

Frontteil mit den unteren Stiften zuerst ansetzen und oben am Steg leicht nach unten drücken. Frontteil wird durch Magnete herangezogen.
Um das Frontteil wieder abzunehmen zuerst oben und dann unten abziehen.

Put the Canopy first with the lower bolts into the Fuselage, then push the Canopy slightly downwards as shown in the picture.
The Canopy will be attracted by magnets.
To remove it, on top first an then on bottom.

GFK-Teile sind reine Handarbeit. Unregelmäßigkeiten in Form, Farbe, Oberflächenbeschaffenheit und handwerklicher Ausführung, sind unvermeidbar und geben keinen Grund zur Reklamation.

Glass-fiber parts are hand-made. Slight irregulations in form, colour or surface are inevitable and will not be considered as a basis for any warranty claims.

Heli-Center-Berlin
Patrick Magnus
Unter den Eichen 84a
D-12205 Berlin (Germany)
Tel: +49(0)30 832 27 657
Fax: +49(0)30 832 71 30

e-Mail: PatrickMagnus@Heli-Center.Berlin.de
Web : www.Heli-Center-Berlin.de
Facebook/HeliCenterBerlin