60 Class 2-cycle engine 90 Class 4-cycle engine



# AEROBATIC MODEL

## **INSTRUCTION MANUAL / MONTAGEANLEITUNG**



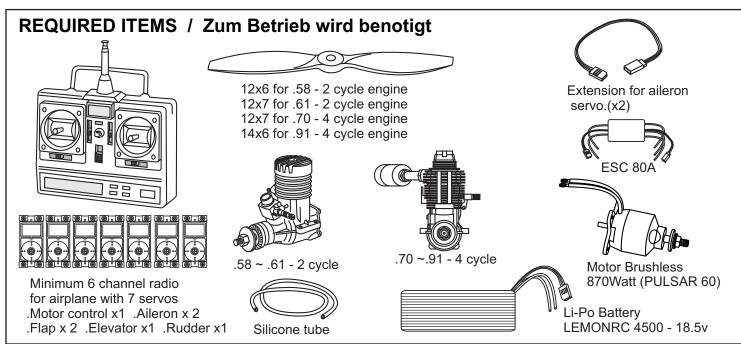
#### RADIO CONTROLED ALMOST READY-TO-FLY ENGINE POWERED ALL BALSA PLANE

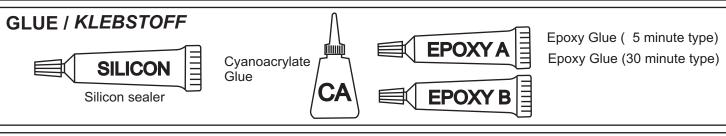
#### **SPECIFICATION**

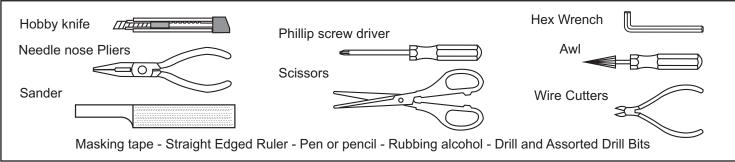
Wingspan approx. 1500mm
Fuselage lenght approx 1205mm
Electric Motor 870 Watt (PULSAR 60)
Glow Engine .61 2T / .91 4T
Radio 5 Channel / 6 Servos

#### **TECHNISCHE DATEN**

Spannweiter ca. 1500mm
Lange ca. 1205mm
Elektroantrieb 870 Watt (PULSAR 60)
Verbrennerantrieb 10cc 2Takt / 15cc 4Takt
Fernsteuerung 5 Kanal / 6 Servos

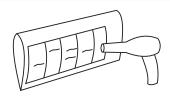






If exposed to direct sunlight and / or heat, wrinkles can appear. Storing the model in a coll place will let the wrinkles disappear. Otherwise, remove wrinkles in covering film with a hairdryer, starting with low temperature. You can fix the corners by using a hot iron.

Bei Sonneneinstrahlung und / oder Wärme kann die Folie erschlaffen bzw. Falten entstehen. Verwenden Sie ein Warumluftgebläse (Haartrockner) um evtl. Falten aus der Folie zu bekommen. Die Kanten können Sie mit einem Bügeleisen behandeln. Nicht zuviel Hitze anwenden





Drill holes using the stated

size of drill (in this case 1.5 mm Ø)



Take particular care here



Hatched-in areas: remove covering film carefully



Check during assembly that these parts move freely, without binding



Use epoxy glue



Apply cyano glue



Assemble left and right sides the same way.



Not included. These parts must be purchased separately



Löcher bohren mit dem angegebenen Bohrer (hier 1,5 mm)



Hier besonders aufpassen



Schraffierte Stellen, Bespannfolie vorsichtig entfernen



Während des Zusammenbaus immer prüfen, ob sich die Teile auch reibungslos bewegen lassen



Epoxy-Klebstoff verwenden



Sekundenkleber auftragen



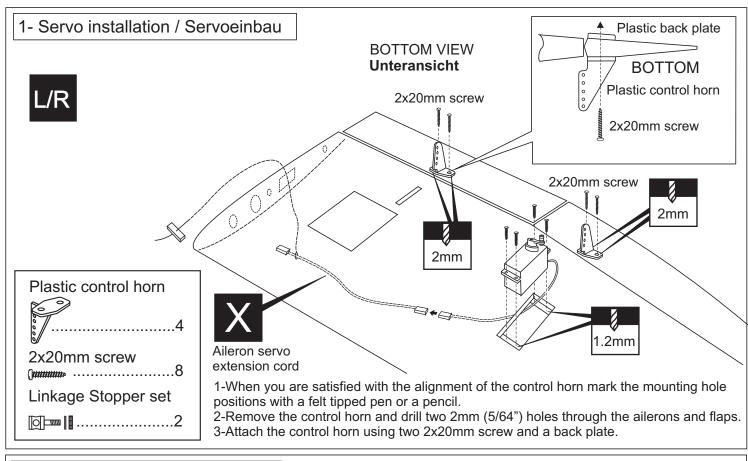
Linke und rechte Seite wird gleichermaßen zusammengebaut

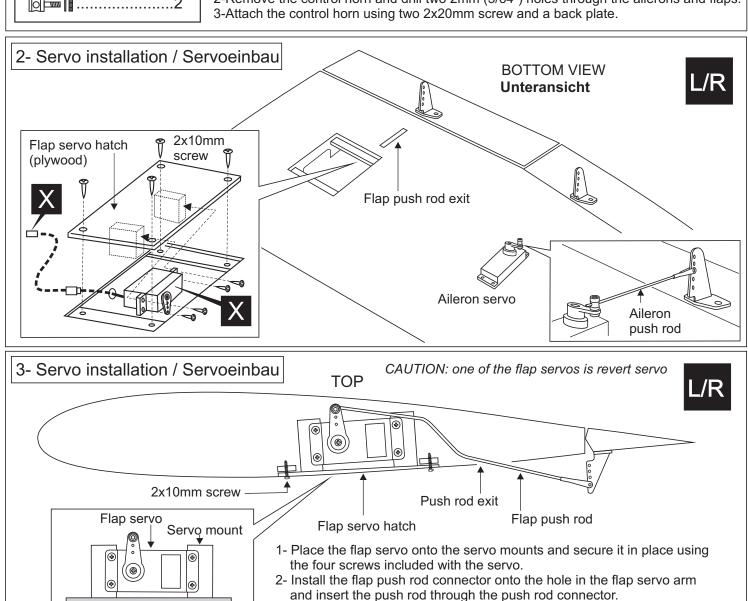


Nicht enthalten. Teile müssen separat gekauft werden.

Read through the manual before you begin, so you will have an overall idea of what to do.

**CONVERSION TABLE** 3.0mm = 1/8" 10mm = 13/32" 25mm = 1"1.0mm = 3/64" 4.0mm = 5/32" 12mm = 15/32" 30mm = 1-3/16" 1.5mm = 1/16" 15mm = 19/32" 5.0mm = 13/64" 45mm = 1-51/64" 2.0mm = 5/64" 6.0mm = 15/64" 20mm = 51/64" 2.5mm = 3/32"

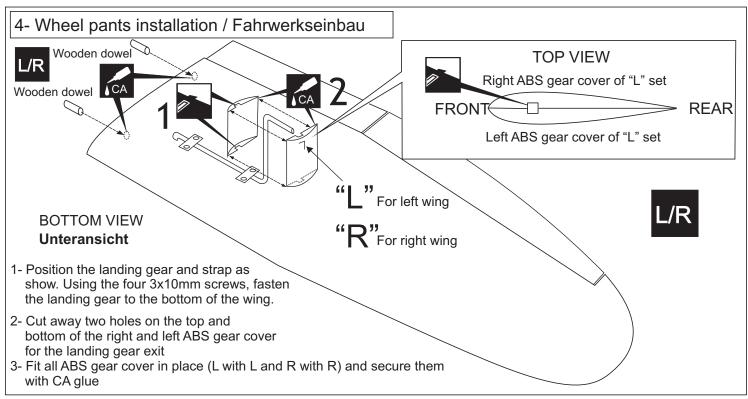


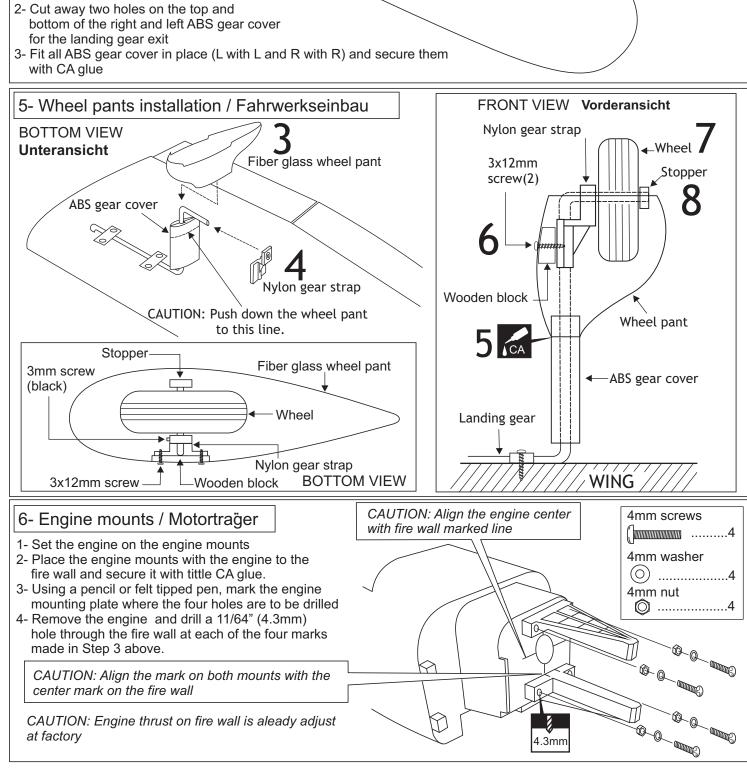


2x10mm screws.

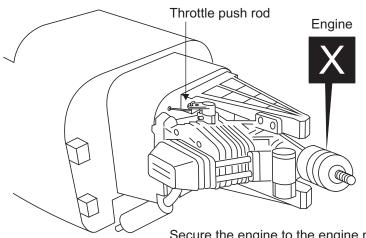
Flap servo hatch

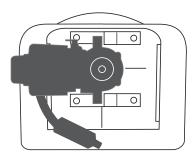
3- Place the flap servo hatch in its mount and secure it in place using four





# 7- Four-stroke engine installation / Einbau Viertarktmotor

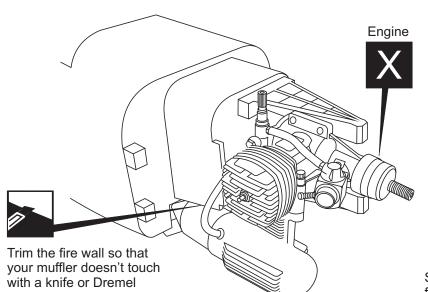


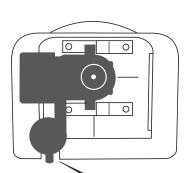


FRONT VIEW
In case of four-stroke engine

Secure the engine to the engine mounts using fous 3x25mm screws and nuts

### 8- Two-stroke engine installation / Einbau Zweitarktmotor





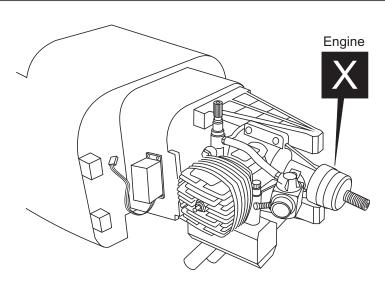
Trim the fire wall so that your muffler doesn't touch with a knife or Dremel

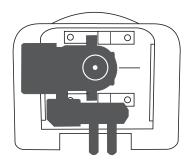


# FRONT VIEW In case of two-stroke engine

Secure the engine to the engine mounts using fous 3x25mm screws and nuts

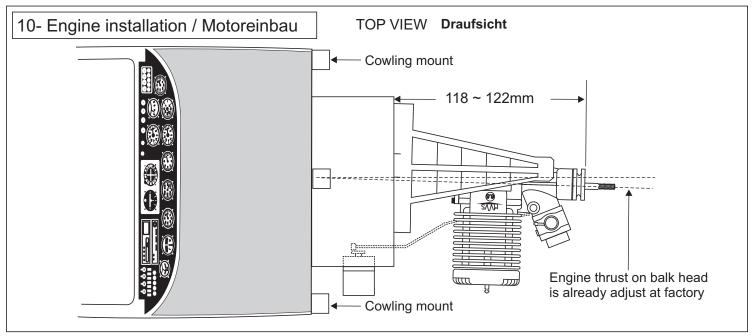
### 9- Two-stroke engine installation / Einbau Zweitarktmotor

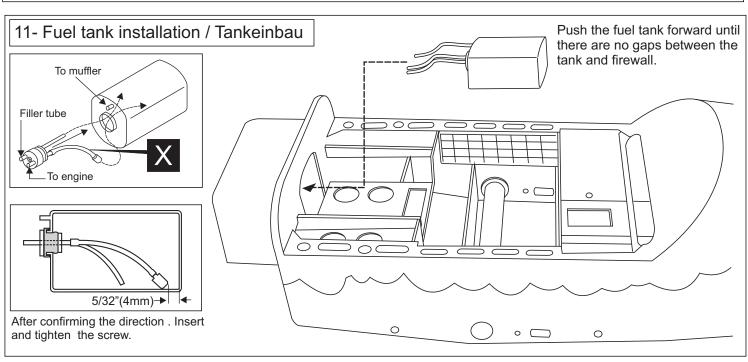


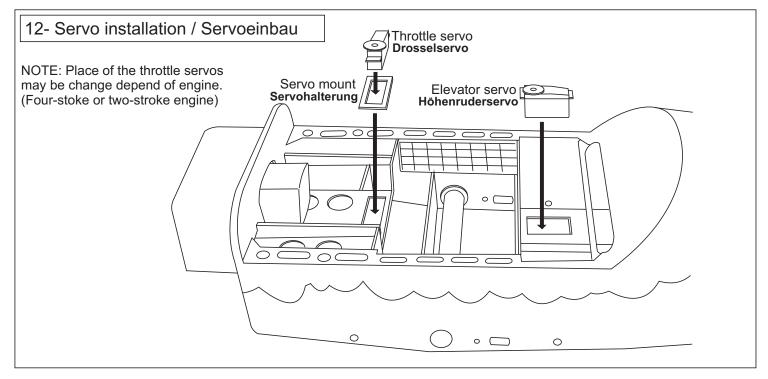


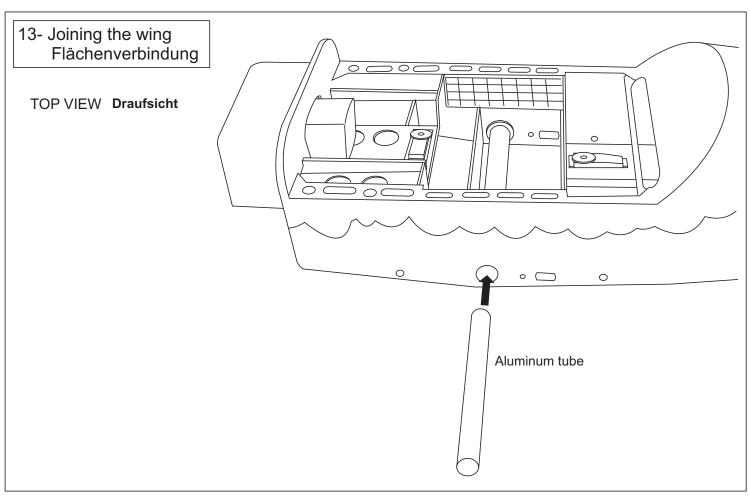
FRONT VIEW
In case of two-stroke engine

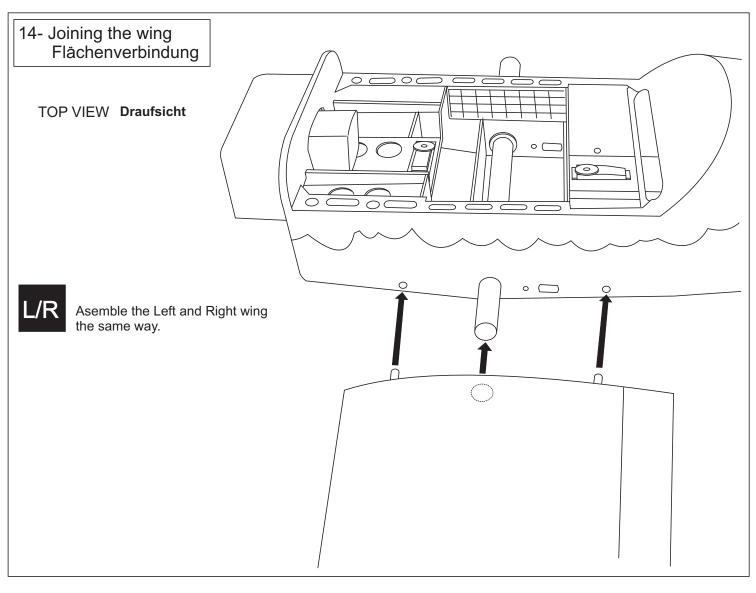
Two-stroke engine with manifold

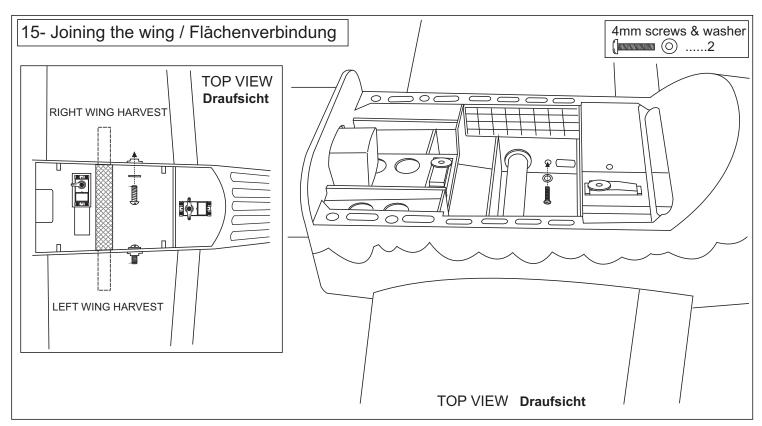


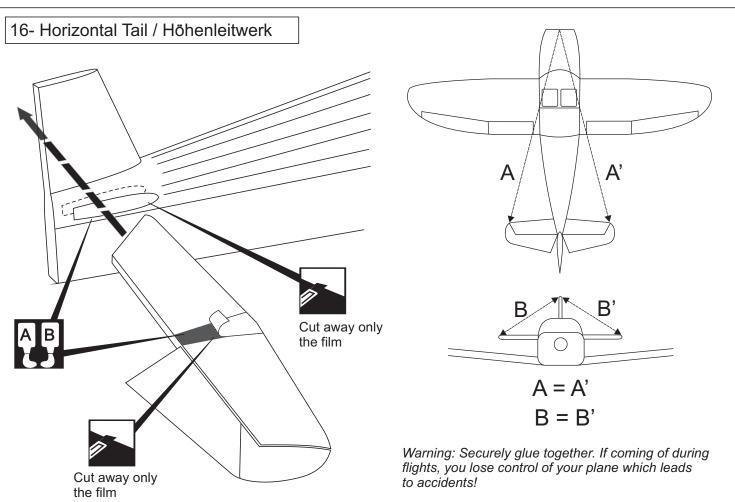






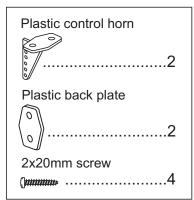






- 1- Trial fit the horizontal stabilizer in place
- 2- Using a pencil, trace around the vertical stabilizer where it meets the fuselage. (both sides).
- 3- Remove the horizon stabilizer from the fuselage.
- 4- Using a sharp hobby knife, cut away the covering inside the lines which were marked in step 2. Do NOT cut into the wood as this will affect the structural integrity of the stabilizer
- 5- Using a mixing stick, spread the epoxy on the horizontal stabilizer and fuselage where it meets the horizontal stabilizer.
- 6- Insert the horizontal stabilizer into the fuselage and secure it in place using masking tape and allow the epoxy to cure completely. Using rubbing alcohol and paper towel, clean the excess epoxy.

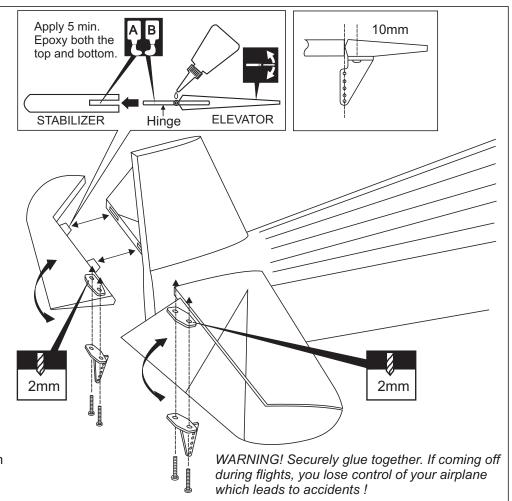
### 17- Horizontal Tail Höhenleitwerk

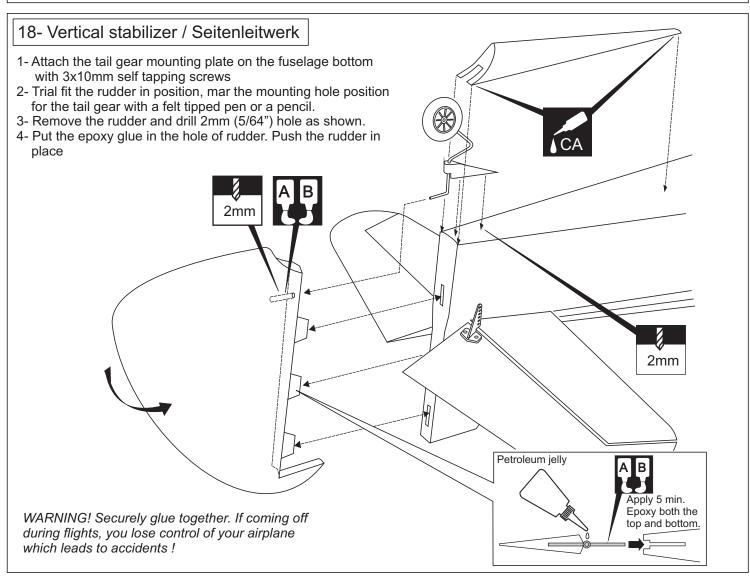


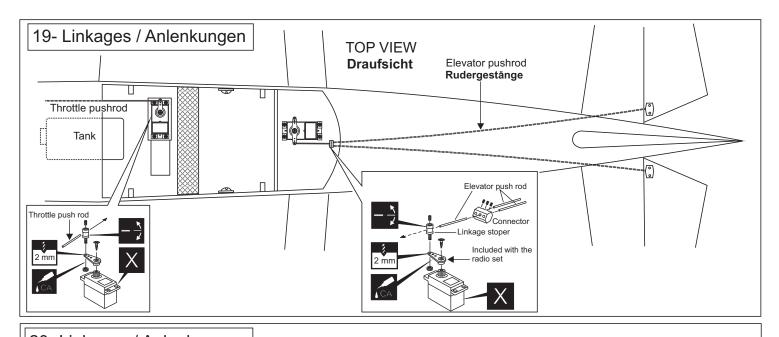
When you are satisfied with the alignment of the control horn mark the mounting hole positions with a felt tipped pen or a pencil.

Remove the control horn and drill two 2mm (5/64") holes through the elevator

Insert the elevator push rod into the elevator control horn. Attach the elevator control horn using two 2x20mm screw and a back plate.







# 20- Linkages / Anlenkungen When you are satisfied with the

alignment of the control horn, mark the mounting hole positions with a felt tipped pen or a pencil.

Remove the control horn and drill two 2mm (5/64") holes through the rudder

Insert the rudder push rod into the rudder control horn. Attach the rudder control horn using two 2x25mm screw and a back plate.

