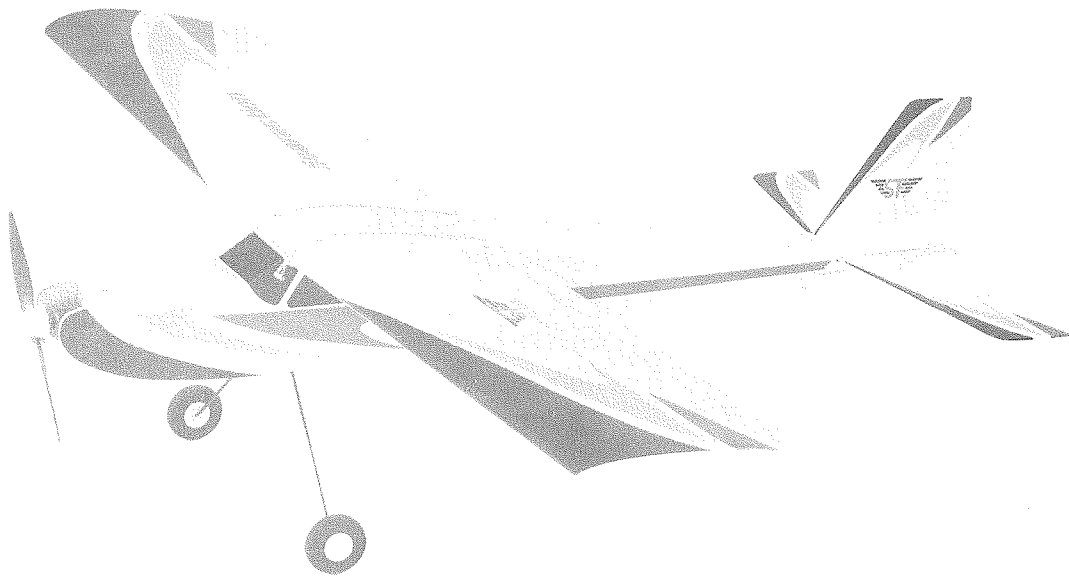




Soaraction



No. EP-27 組裝說明書

規格 / SPECIFICATIONS

翼展 / WING SPAN: 1115 mm

翼面積 / WING AREA: 22.05 dm²

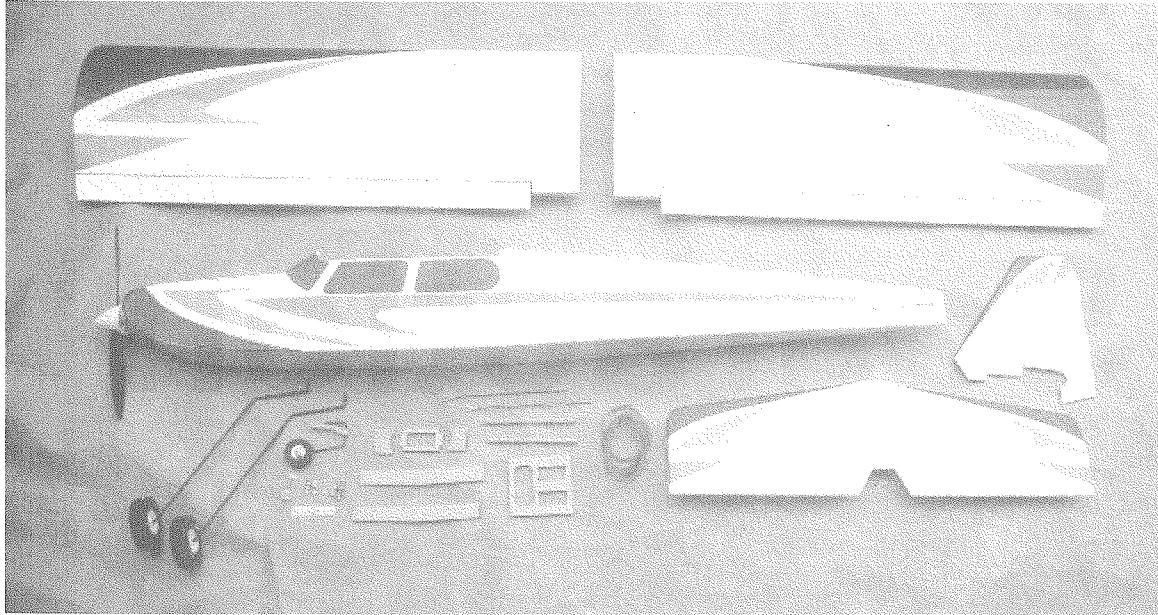
全長 / LENGTH: 895 mm

重量 / WEIGHT: 700~800g

遙控器 / RADIO: 3~4 Ch

馬達 / MOTOR: #400

INSTRUCTION MANUAL



套件含以上零件 The whole accessories including in this kit.

建議使用配備 (另購)

4動 (或以上) 遙控器

接收機

迷你伺服機 x 3

22A以上無刷電子變速器 x 1

Recommended radio and electronic equipment (Not included in kit)

4 or up channel radio

Receiver

Mini servos x 3

22 Amp or up brushless ESC x1

準備工具 (另購)

1.5mm 六角扳手

2 mm 手鑽

銲鐵或銲槍

銲錫

熱縮套或絕緣膠帶

Z字鉗

美工刀

尖嘴鉗

十字螺絲起子

AB膠

瞬間膠

尺

簽字筆

Tools and supplies needed(Not included in kit)

1.5mm hex wrench

2mm reamer

Welding blowpipe

Soldering

Shrinking tube

Z-bender

Sharp hobby knife

Needle-nose pliers

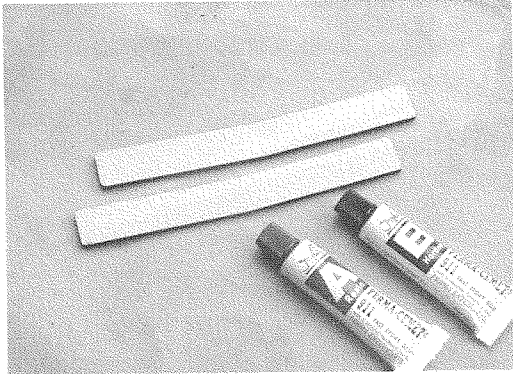
Screwdriver(+)

Epoxy

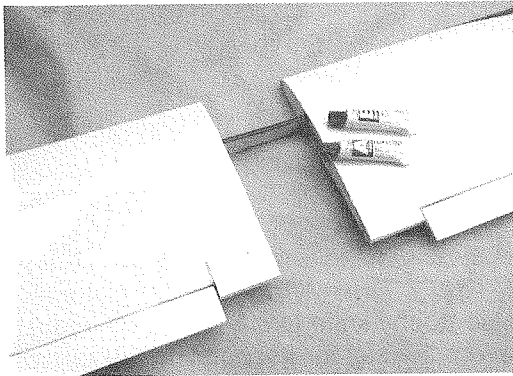
Instant glue

Ruler

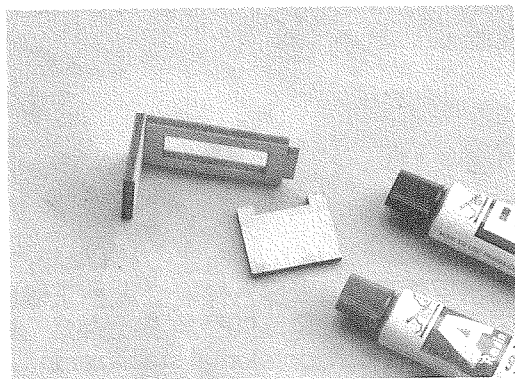
Felt-tipped pen or pencil



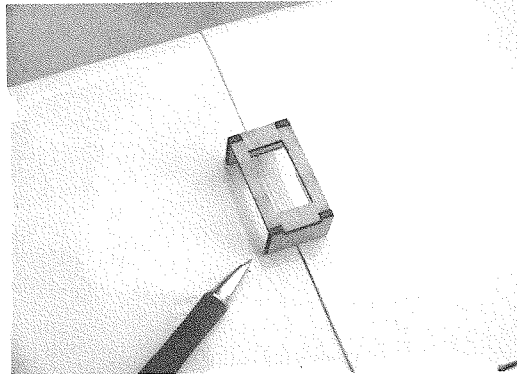
調適量A,B膠黏合2片主翼連結板。
Use epoxy to glue the 2 pieces of main wing joiner.



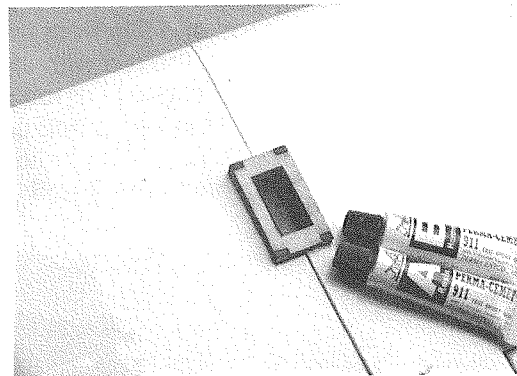
以AB膠黏合主翼連結板及左右翼。
Use epoxy to glue two wing halves together.



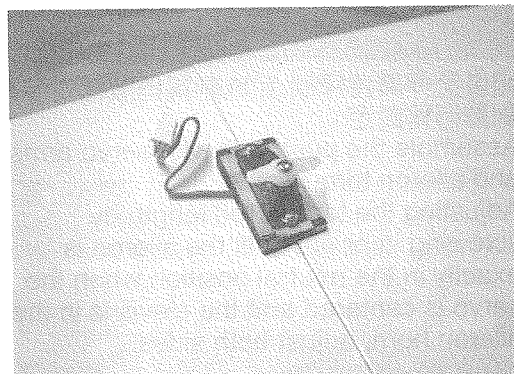
用少量AB膠黏合副翼伺服機座。
Try to assemble the aileron servo mount and use epoxy to secure them in place..



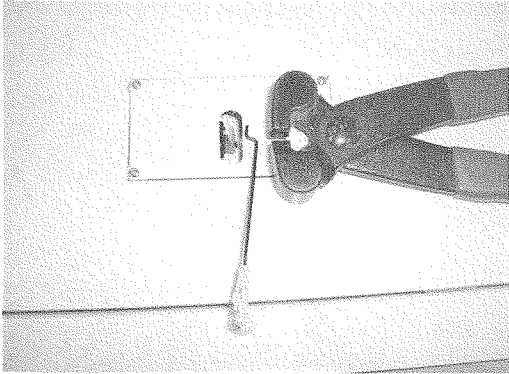
在適當位置依伺服機座尺寸做記號
Try to locate the servo mount on the bottom of the main wing. When satisfy the location,use pencil to mark the location.



依記號切除蓋板,再用AB膠黏合同服機座
Use hobby knife to cut off the planking inside the marking area. Apply the epoxy on the cutting area and secure the servo mount in place.

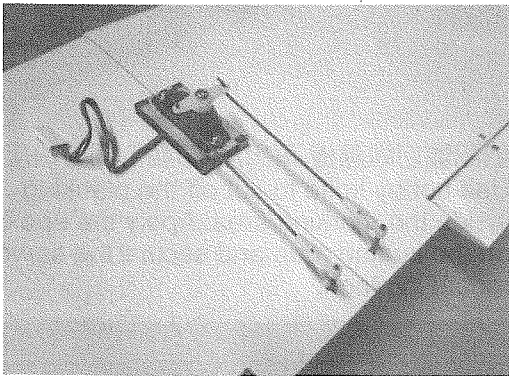


將副翼伺服機確實鎖入固定座
Locate the servo inside the servo mount and secure it by screws.



取出副翼推桿及連桿頭,在推桿的一端裝上連桿頭並鎖上舵角器,測量推桿長度,保留舵角器至伺服機再加上預留5mm長度,切掉多餘的推桿,使用Z字鉗在推桿另一端壓出Z字並連接至伺服機

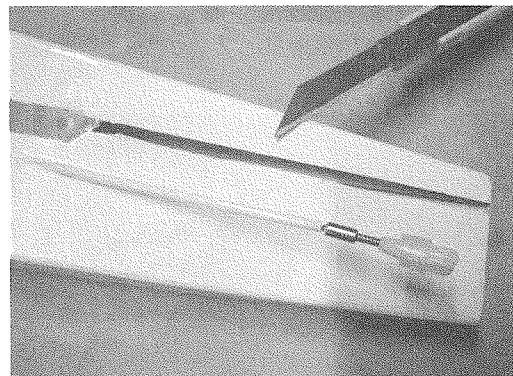
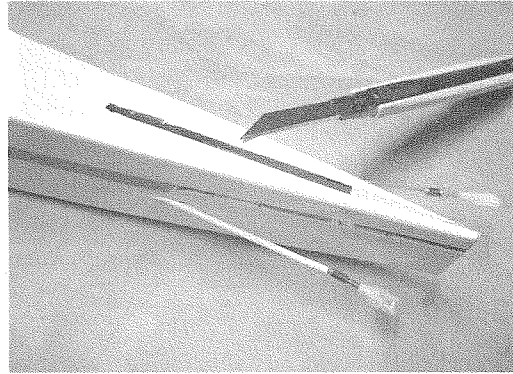
Take out the aileron rod and clip from the hardware bag. Assemble the rod with the control horn. Measure the length of rod from the control horn to the servo and cut off the extra rod. Use Z- bender to bend another end of rod. Connect the Z end with the servo horn.



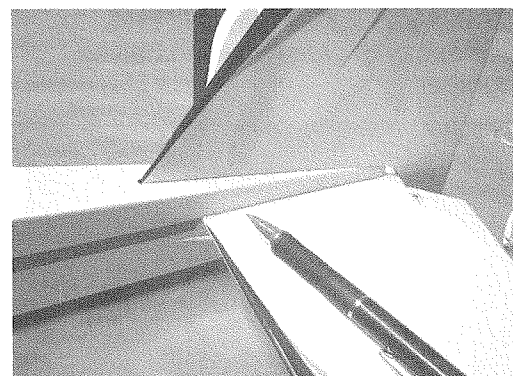
組裝連桿與連桿頭,完成副翼伺服機安裝及副翼行程設定

Assemble the pushrods with servo arms and aileron torque rods.

Adjusting the torque rod length by screwing in or out until the aileron is exactly in the neutral position when the servo is centered and the clevis is in the aileron horn, adjust both sides.



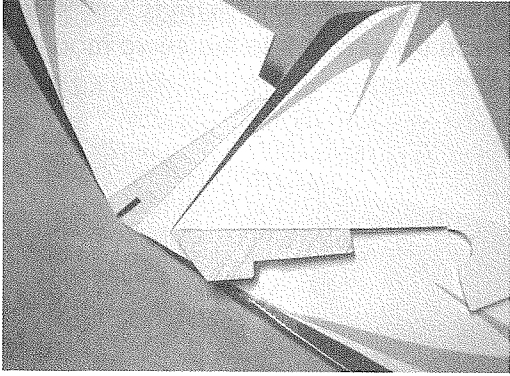
使用美工刀小心切開尾翼位置的包覆紙
Use hobby knife to cut off the covering
overs the slot for assembling the tail wing.



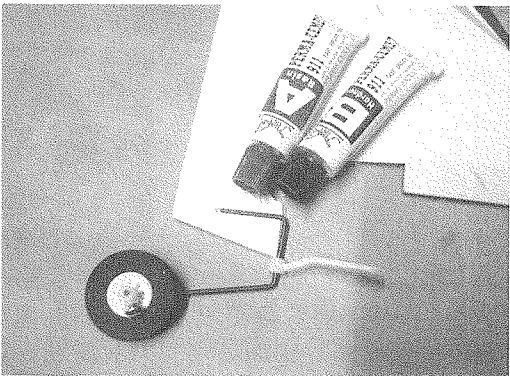
將水平翼及垂直翼置入機尾位置,對正機身中心位置後與後緣成90度角,描出黏合位置.

Trial fit the horizontal stabilizer in place on the fuselage. Check the alignment of the horizontal tail. The angle between the stabilizer and the trailing edge is 90 degree.

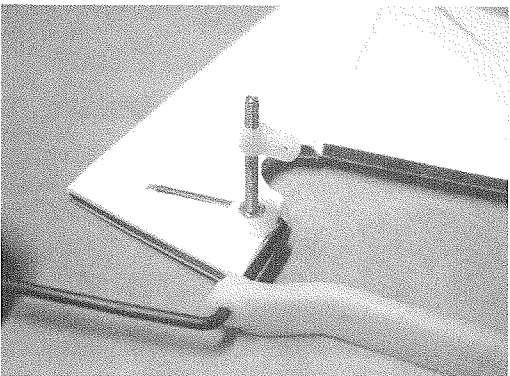
When you are satisfied with the alignment, use a pencil to carefully trace around the bottom of stabilizer where it contacts fuselage.



使用美工刀沿線輕輕切開包覆紙。
Using a straight edge make sure the lines drawn are straight. Using a sharp hobby knife, carefully cut away the covering inside the lines marked above. Be careful not to cut into the wood, as doing so will weaken the structure. Then remove the covering.



用AB膠將尾輪架確實黏合在方向舵的溝槽裡。
Use epoxy glue the tail gear



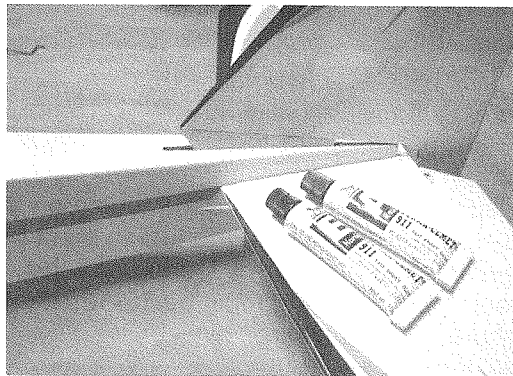
將舵角控制器的橢圓形塑膠片置於方向舵上下兩側,在將M2螺絲貫穿,以M2螺帽將兩側橢圓形塑膠片鎖緊,把舵角調整頭旋入螺絲,完成方向舵的舵角控制器

Locate the round plastic plate of the control horn on the top and bottom of the rudder.

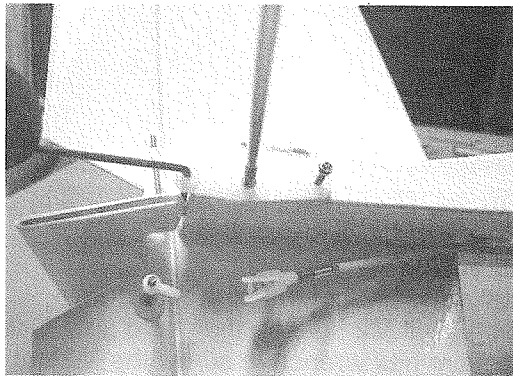
Screw the M2 screw through the two round plastic plates from the top to the bottom.

Secure the round plastic plate by screwing in M2 nut.

Screw the adjusting control horn into the M2 screw.

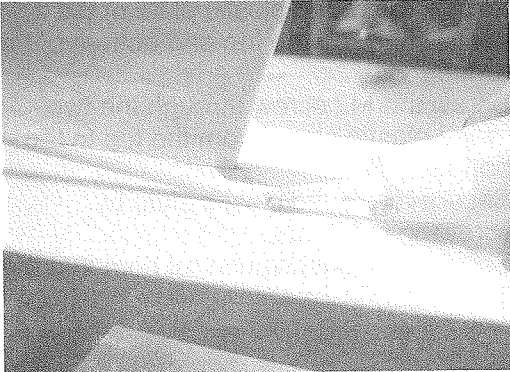


以AB膠將水平翼及垂直翼黏合於機身。
Try to fit the vertical and horizontal fins into the fuselage. When satisfy the position, use epoxy to glue the them in place.



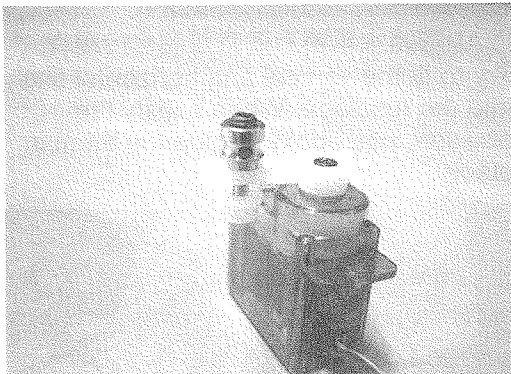
如圖用2x10木工螺絲將尾輪架座固定於機尾底部。

Securing the tail gear on the tail of fuselage by 2x10 tapping screw.



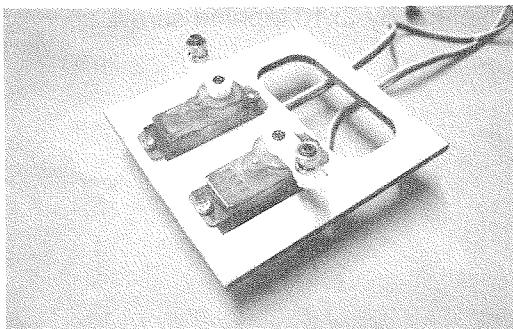
如圖將連桿套管用快乾膠固定。
注意外管和鋼絲的活動距離約12-16mm
(完成伺服機設定後,外管需拉緊後用瞬間膠
固定)

Use epoxy to secure the rod tubing on the fuselage. Please note the tubing must be pulled straight before securing and the length of the tubing must be 12-16mm shorter than the wire.

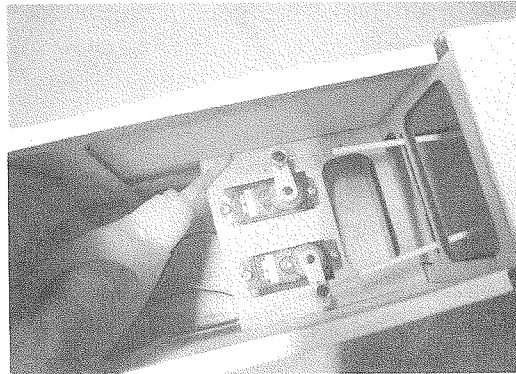


取出M2螺母(附圖), 鑽M2孔在伺服擺臂上,
再用1.5六角扳手鎖上並活動不會太緊
而無虛位。

Take the M2 nut out of the hardware bag. Drill M2 hole on the servo arm. Use 1.5mm hex wrench to screw the M2 nut in the hole. Please note don't screw it too tightly and keep the servo arm moving freely.



如圖將裝好連桿頭的伺服機裝入伺服機座
Place the servos into the servo mount.

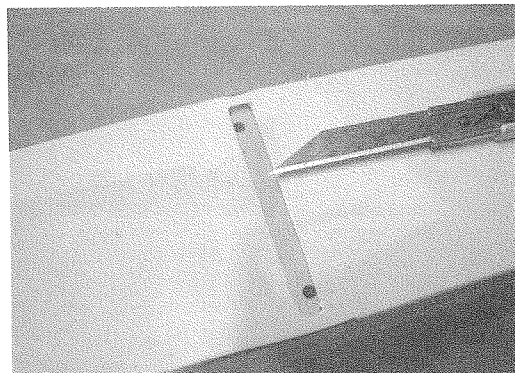


用瞬間膠將伺服座黏合於機身內
Install the servo mount inside the fuselage
and secure it by applying epoxy.



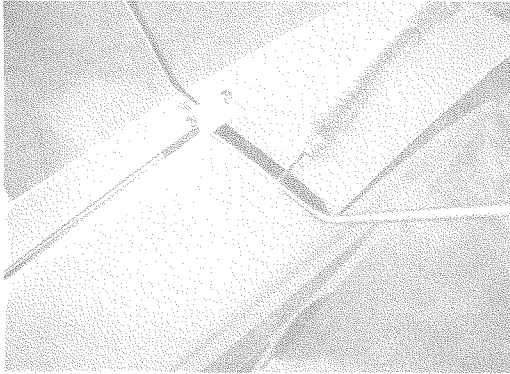
取好連桿及連桿套管長度,將連桿穿入連桿
頭,再用快乾膠分別固定伺服機座及連桿套
管。

Connecting the push rods with servo arms.
Insert the rods through the tubings.

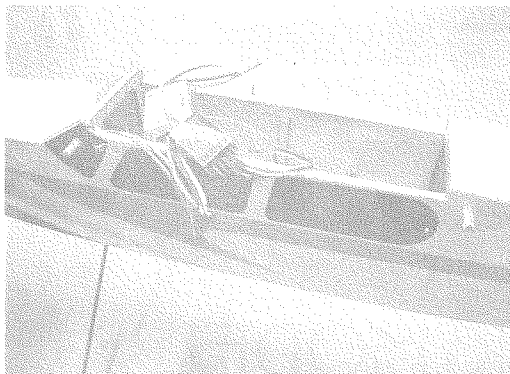


切開主輪架位置的包覆紙..

Use hobby knife to cut off the covering
covers the slot for assembling the main
landing gear.



將主輪架置入輪架座凹槽,再以主輪架固定片及2.6x10mm木工螺絲固定主輪架。
Install the main gear into the main-gear slot on the bottom of the fuselage. Secure the main gear by screw the 2.6x10 mm tapping screws into the gear mounting plates.

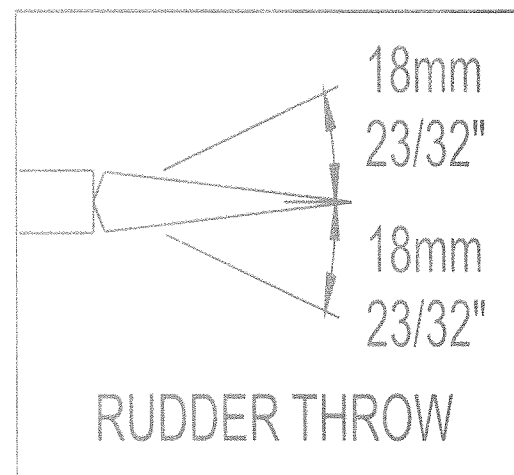
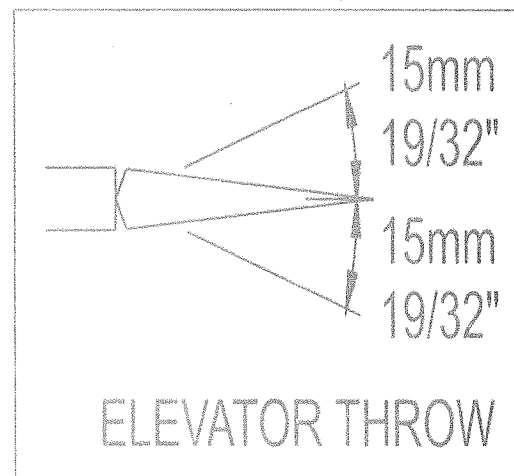
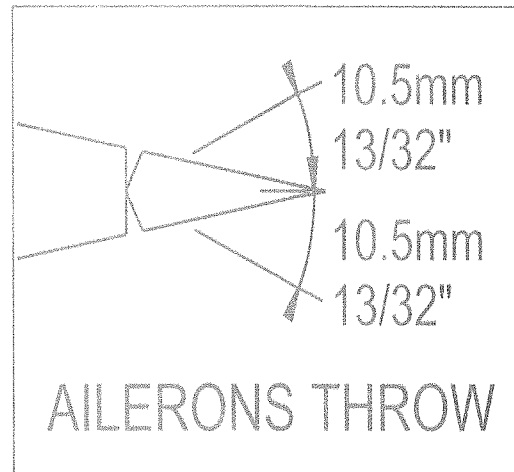


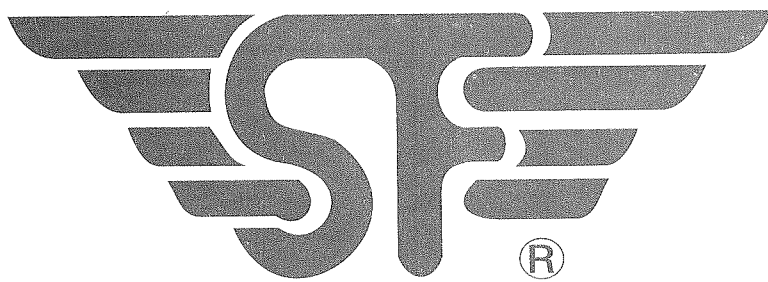
將圓木棒分別貫穿前後兩側小孔,上膠完成主翼固定桿。
裝上馬達,電子變速器,接收機,螺旋槳。
Take the dowel out of the hardware bag. Insert the dowel through the drilled holes on two sides of fuselage. Spread epoxy on the dowel and secure it on the fuselage. Assembling motor, speed controller, receiver and propeller on the model.



調整電池前後位置以取得正確的重心點,約自主翼前緣起60~65mm。

Adjusting the location of the battery pack for getting the correct C.G. point. It's about 60-65 mm from the front edge of the main wing.





SUPER FLYING MODEL
MANUFACTURE

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