



SUPER FLYING MODEL



No. EP-16 組裝說明書

Fairchild PT-19

規格 / SPECIFICATIONS

翼展 / WING SPAN: 910 mm (36 in)

翼面積 / WING AREA: 14.5 dm² (225 sq. in)

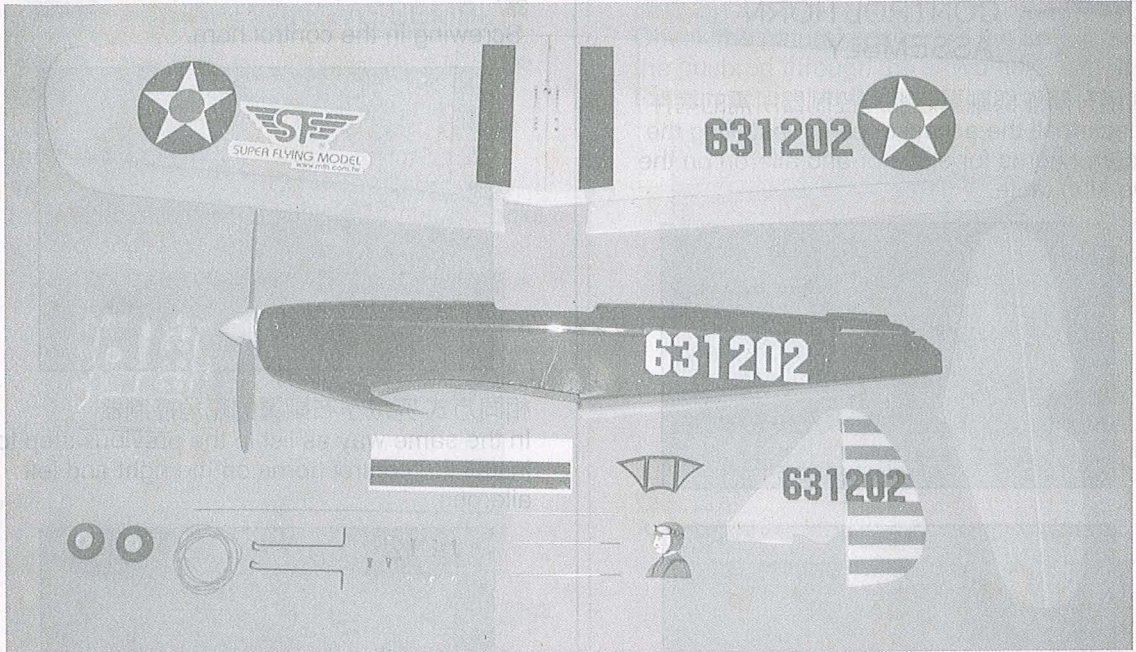
全長 / LENGTH: 650 mm (25.5 in)

重量 / WEIGHT: 280~340 g (9.8~12 oz)

馬達 / MOTOR: # 300

遙控器 / RADIO: 3~4Ch

INSTRUCTION MANUAL



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

建議使用配備 (另購)

3動 (或以上) 遙控器
 迷你伺服機 x 2
 迷你接收機
 8A電子變速器
 7.4V 1400mAh~2200mAh 鋰電池
 7.2V~8.4V 500mAh~800mAh
 鎳鎘電池或鎳氫電池(AAA)

Recommended radio and electronic equipment (Not included in kit)

3 or up channel radio
 Micro servos x 2
 Micro receiver
 8A electric speed control
 7.4V 1400mAh~2200mAh Lipo batteries or
 7.2V~8.4V 500mAh~700mAh Ni-cd or
 Ni-MH battery pack(AAA)

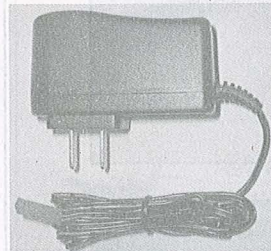
選購配件 Optional accessories



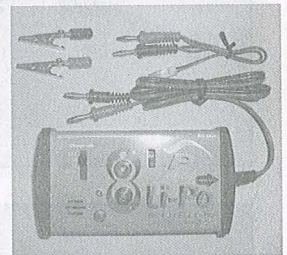
8A電子變速器
8A-Speed control



7.4V 1400mAh 鋰電池
Li-po Batteries



鋰電池充電器 Li-po Batteries charger



準備工具 (另購)

Z字鉗
美工刀
尖嘴鉗
十字螺絲起子
尺
5分鐘AB膠
簽字筆

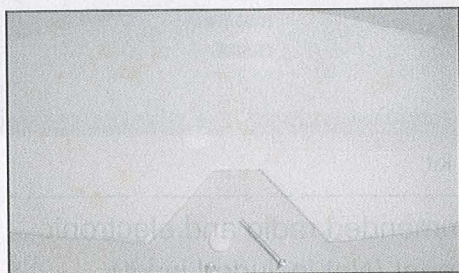
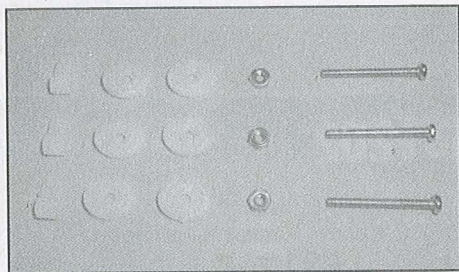
Tools and supplies needed(Not included in kit)

Z-Bender
Sharp hobby knife
Neddele-nose pilers
Screwdriver(+)
Ruler
5-minute epoxy glue
Black felt-tipped pen or pencil



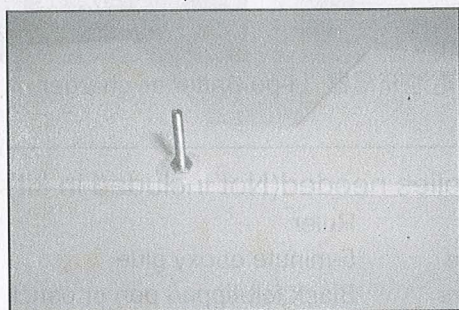
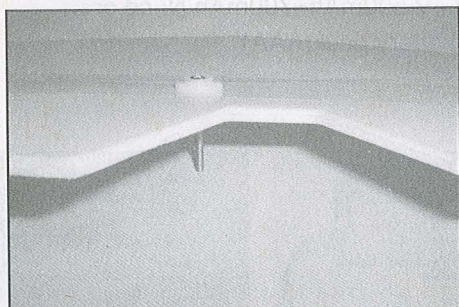
安裝舵角器 CONTROL HORN ASSEMBLY

準備升降舵與副翼之舵角控制器所需的零件
Placing all the accessories for installing the control horns for elevator and aileron on the working table.



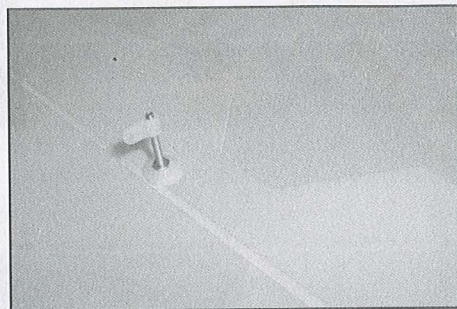
將舵角控制器的橢圓形塑膠片置於升降舵上下兩側再用M2螺絲和螺帽將兩側橢圓形塑膠片固定

Locate the round plastic plate of the control horn on the top and bottom of the elevator and fix it by M2 screw and nut.



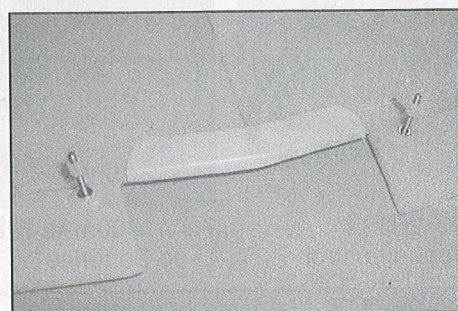
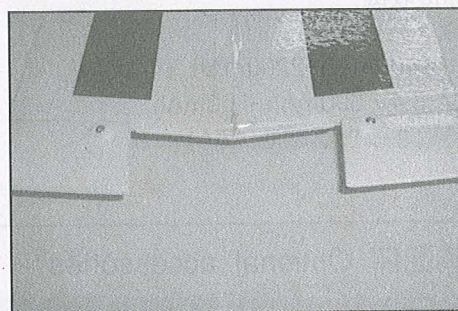
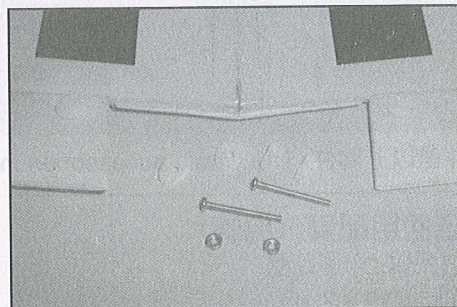
把舵角調整頭旋入螺絲,完成升降舵的舵角控制器

Screwing in the control horn.



相同方式,完成左右副翼的舵角控制器

In the same way as list in the previous step to install the control horns on the right and left ailerons.

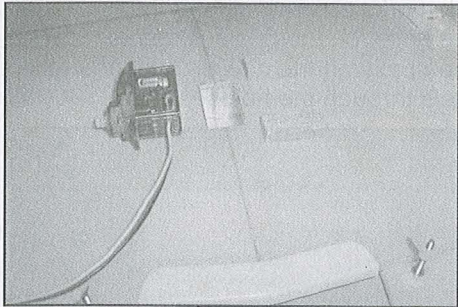




主翼裝配 MAIN WING ASSEMBLY

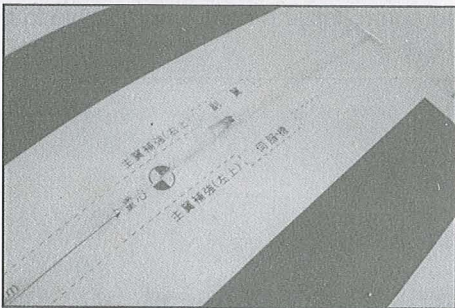
於主翼下蓋板切開適合伺服機大小之孔,以AB膠於兩端黏上木塊

Locate the servo on the bottom planking of the main wing and trace the outline of the servo on the planking by a pen. Use hobby knife and cut off the tracing area. Glue blocks on two ends.



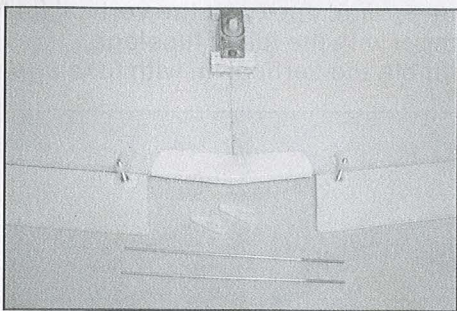
於主翼上蓋板切開一小孔,以便穿過伺服機線的插頭

Find a location right above the servo location on the top of the main wing. Cut a hole on this location for inserting the servo's plug.



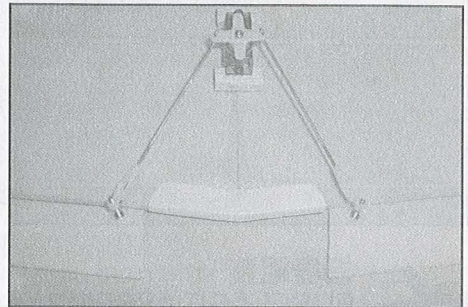
穿過伺服機線並將伺服機以螺絲固定於木塊再將連桿頭旋入連桿,穿入舵角控制調整頭

Insert the servo's plug through the hole opened in procedure Secure the servo on the block by screws. Connect pushrods with control horns.



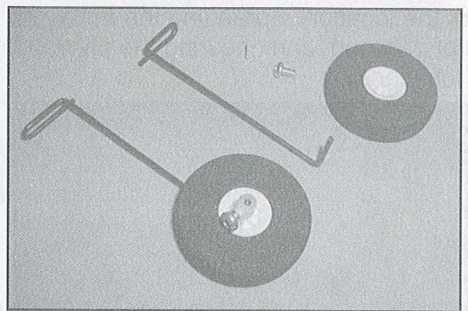
確認伺服機中立點,調整連桿長度,穿入伺服機擺臂,將伺服機擺臂鎖於伺服機

Check the natural position of the servo. Insert the pushrod through the servo horn and secure the servo horn on the servo by screw.



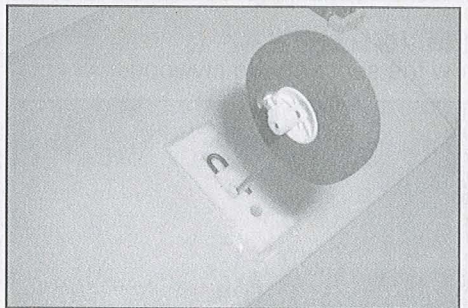
如圖組裝左右輪架與輪胎,以塑膠輪擋與M3螺絲固定

Assemble the landing gear with wheels.



將完成的左右輪架插入左右的輪架座

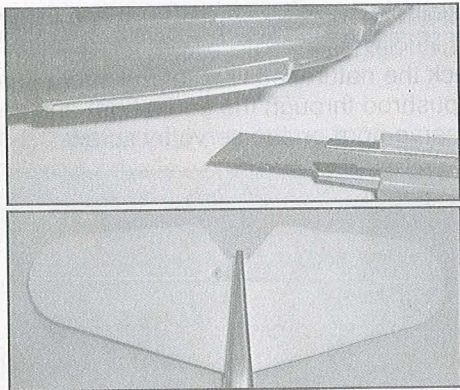
Install the landing gear into the gear mount.



尾翼裝配 TAIL WING ASSEMBLY

小心切開垂直翼的固定缺口
將水平翼穿入機尾之缺口,以AB膠黏合

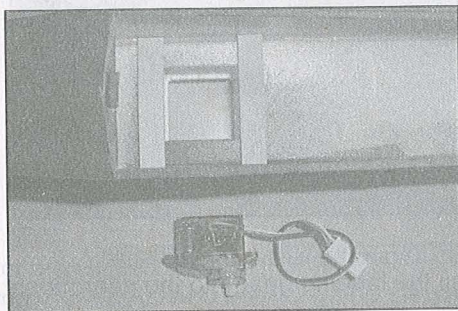
Use hobby knife to cut off the convex part on the tail of the fuselage for installing the vertical stabilizer. Spread generous epoxy on the horizontal and vertical stabilizer and fit the stabilizer into fuselage allow the epoxy to cure completely before proceeding.



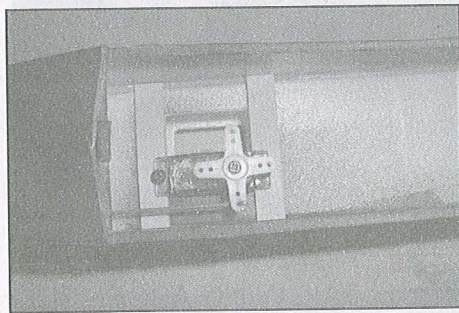
 **機身組裝**
FUSELAGE ASSEMBLY

配合伺服機大小,將伺服機固定木片以AB膠黏合於機身

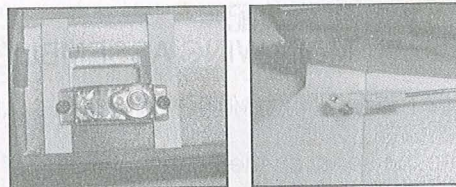
Try to locate the servo inside the fuselage and mark the location. Spreading the epoxy on 2 pcs of plywood and securing the plywood on the location.



伺服機以螺絲固定於木片上
Screw the servo on the plywood.

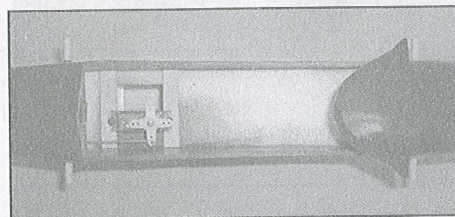


確認伺服機中立點後,將升降舵連桿相關之零件,如圖裝配於伺服機擺臂與舵角控制器
Make sure the natural point of the servo Insert the pushrod through the servo horn and secure the servo horn on the servo by screw. Assemble the rod with control horn. Spread epoxy on the bottom of the control horn and locate the control horn on the horizontal stabilizer. Allow the epoxy to cure completely before proceeding.



2支圓木棒分別貫穿機身兩側小孔,以少許AB膠固定

Find 2 dowels in the hardware bag. Find 2 black marks on each side of the fuselage. Open holes on those black marks. Spread some epoxy on the dowels and insert the dowels through the holes.



裝配接收機與副翼伺服機延長線,電子變速器,馬達端子並將接收機與過長的配線置入機身夾層內

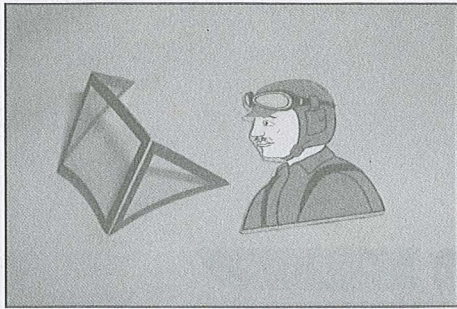
Install the receiver, aileron servo cable, speed controller and motor plug and take the receiver, speed controller and over length cable in the fuselage.



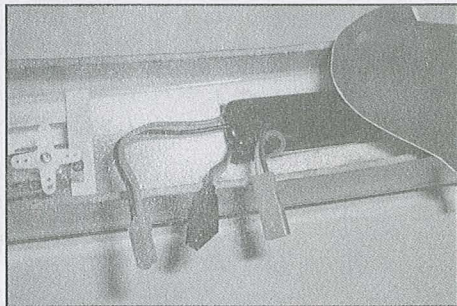
垂直翼以AB膠黏合於機尾缺口
Try to fit the vertical fin into the cut hole on the tail of fuselage. When satisfy with the fitting, spread epoxy on the vertical fin that will meet with the tail of fuselage. Assemble the vertical fin with fuselage.



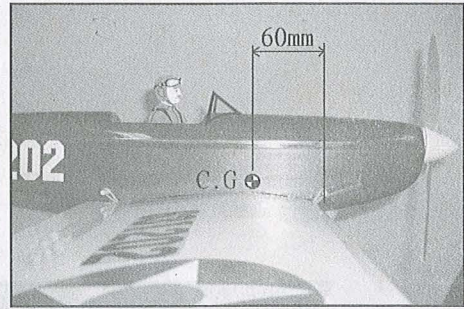
將人像與前窗以少許AB膠黏合於機身
 Glue the front window and pilot on the fuselage.



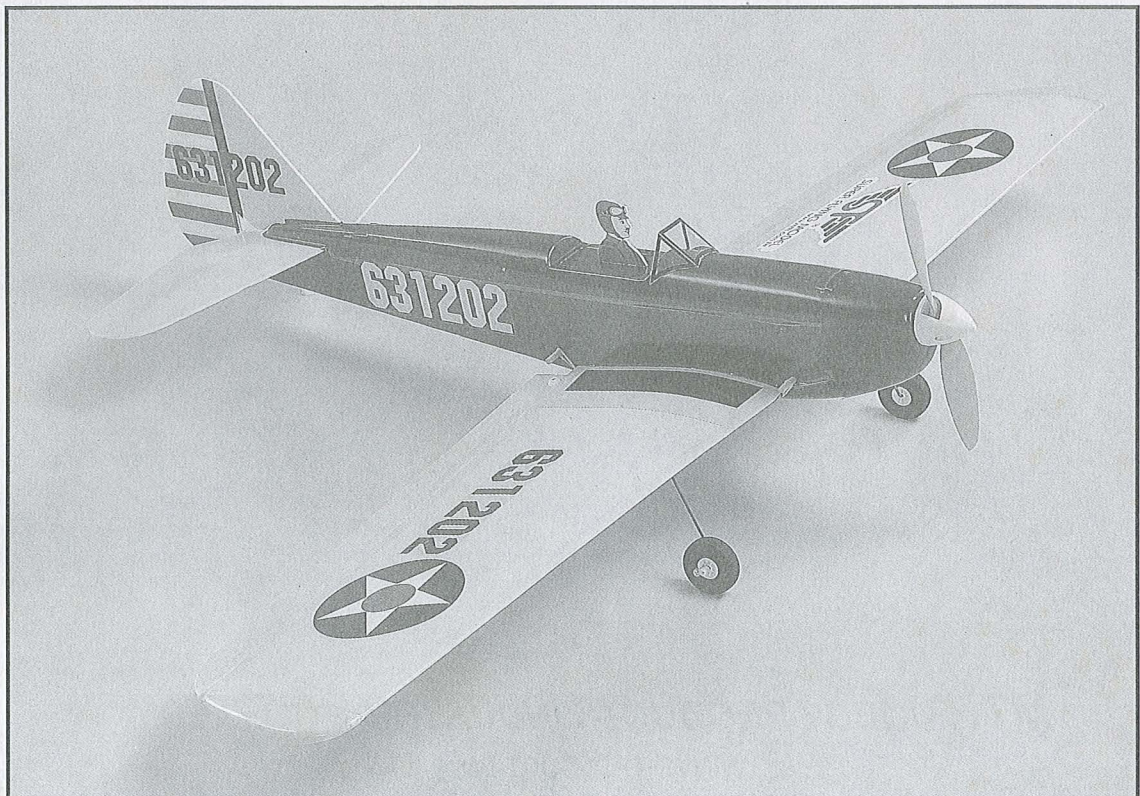
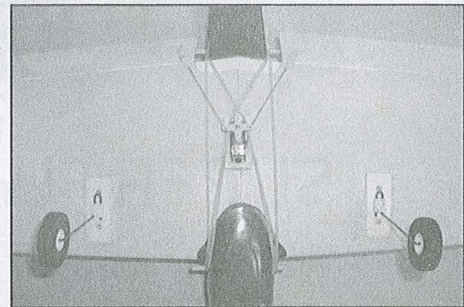
電池置於建議之位置,可依電池型式不同調整重心位置
 The suggesting location for battery by C.G. point



如圖調整重心點位置
 C.G. point



主翼橡皮筋固定方式
 Fixing the main wing on the fuselage by rubber band.





SUPER FLYING MODEL

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