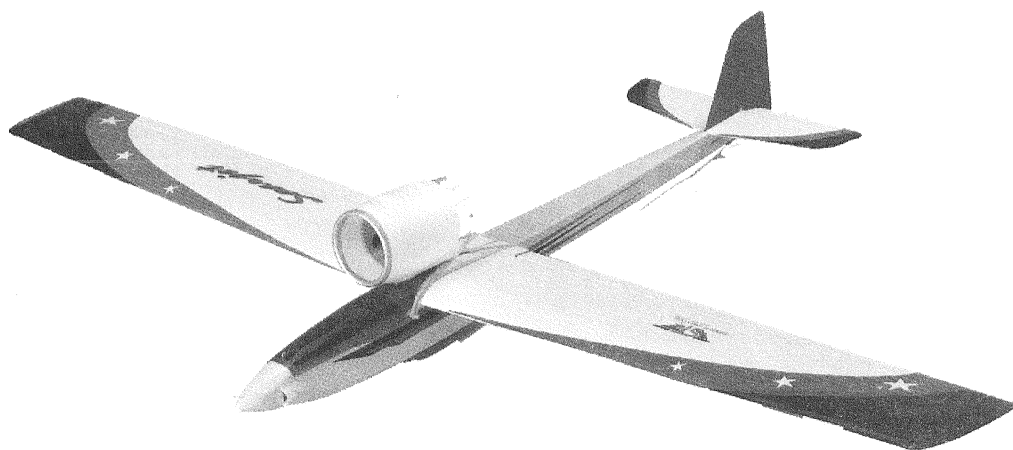


Surviet



## No. EP-19 組裝說明書

### 規格 / SPECIFICATIONS

翼展 / WING SPAN: 1143 mm (45 in)

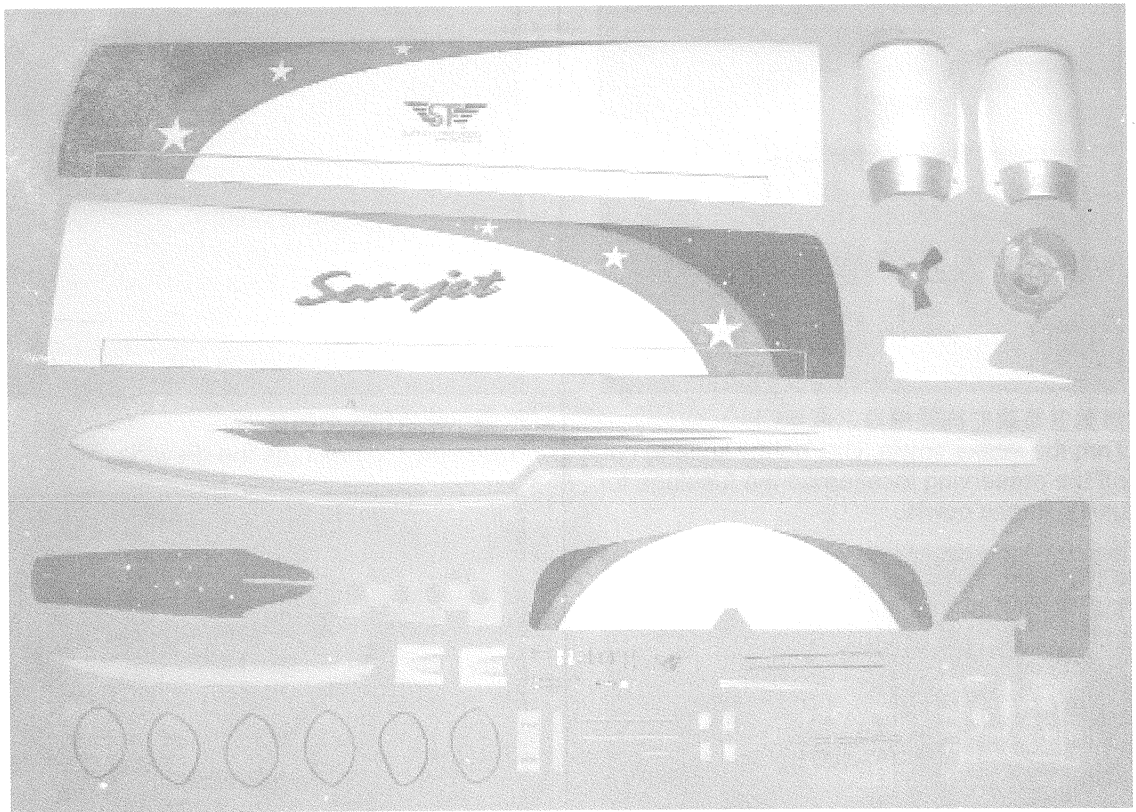
翼面積 / WING AREA: 20.32 dm<sup>2</sup> (315 sq. in)

全長 / LENGTH: 800 mm (35 in)

重量 / WEIGHT: 600g (31 oz)

遙控器 / RADIO: 3 Ch





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  
無刷馬達 x 1  
電池

**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  
Brushless motor(KV 3500) x 1  
Battery pack LiPo 3cells 1800mA 15C and up

**準備工具 (另購)**

1.5mm 六角扳手  
2 mm 六角扳手  
2 mm 手鑽  
銻鐵或焊槍  
焊錫

熱縮套或絕緣膠帶  
Z字鉗  
美工刀  
尖嘴鉗  
十字螺絲起子

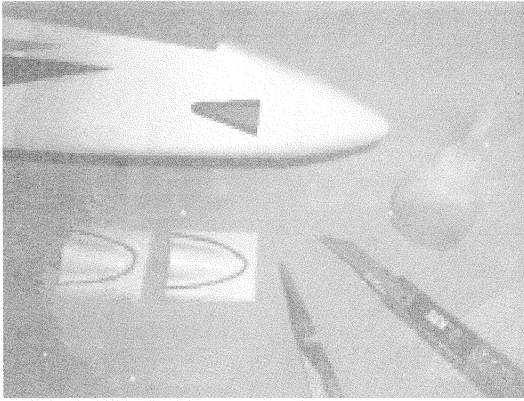
彎剪  
保麗龍膠  
瞬間膠  
尺  
簽字筆

**Tools and supplies needed(Not included in kit)**

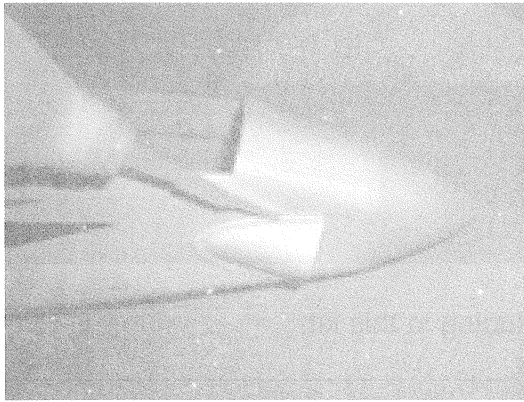
1.5mm hex wrench  
2mm hex wrench  
2mm reamer  
Welding blowpipe  
Soldering

Shrinking tube  
Z-bender  
Sharp hobby knife  
Needle-nose pliers  
Screwdriver(+)

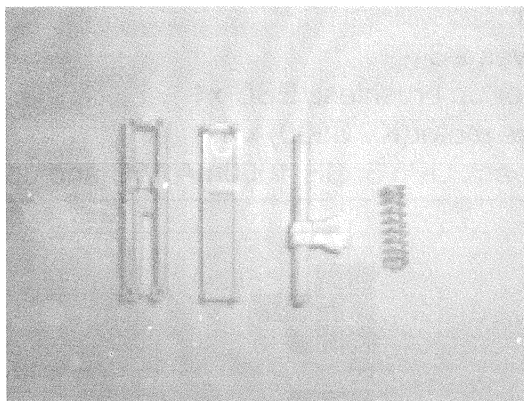
Curved scissors  
Foam epoxy  
Instant glue  
Ruler  
Felt-tipped pen or pencil



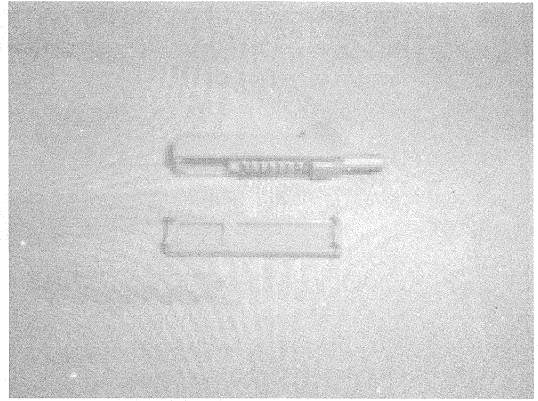
修剪進氣罩並割開機身之進氣口。  
Trim the intake cowls. Use hobby knife to cut off the preserving location on the fuselage for gluing intake cowls.



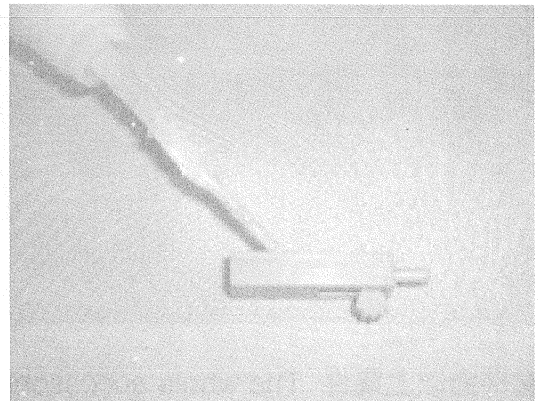
以瞬間膠將進氣罩黏合於機身之進氣孔上。  
Use instant glue to glue the intake cowls on cutting preserving location on the fuselage.



自射出成形零件組中將扣具塑膠零件剪下。  
Cut the hatch latch parts from the injection plastic tree.

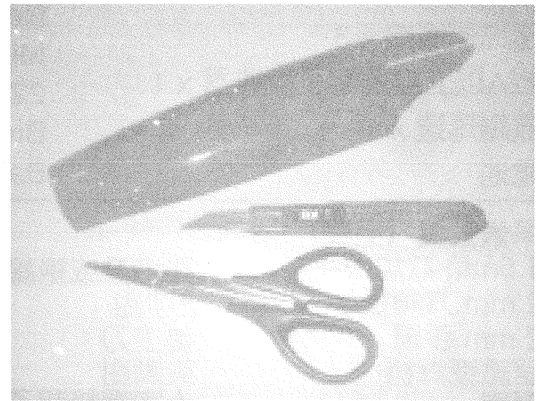


依圖示組合扣具與彈簧。  
Assemble the hatch as the drawing.



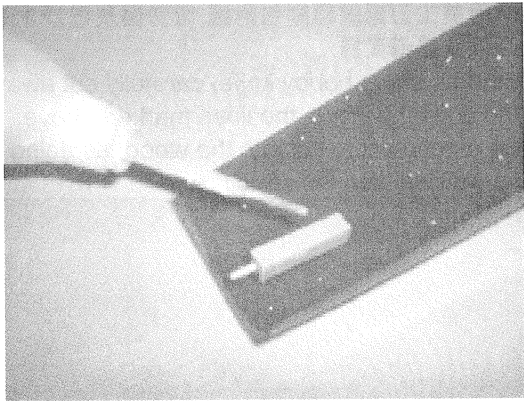
以瞬間膠微量塗抹於接合處將上下座黏合既可注意保持扣具得順暢。  
Apply a thin coat of instant glue to the joint area of the bottom part of latch. Please keep the latch moving freely.

Apply a thin coat of instant glue to the joint area of the bottom part of latch. Please keep the latch moving freely.



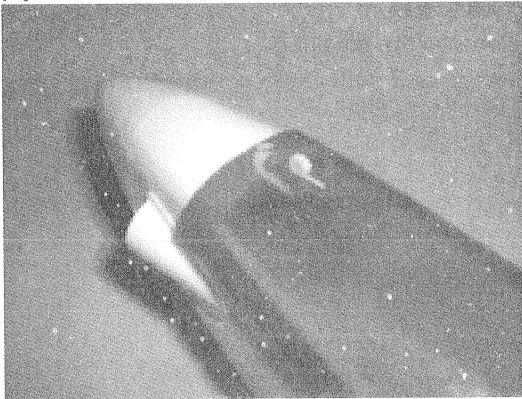
沿剪裁線修剪機艙罩及其上方之預留缺口。  
Trim the canopy and cut the preserving location on the canopy for installing the hatch latch.





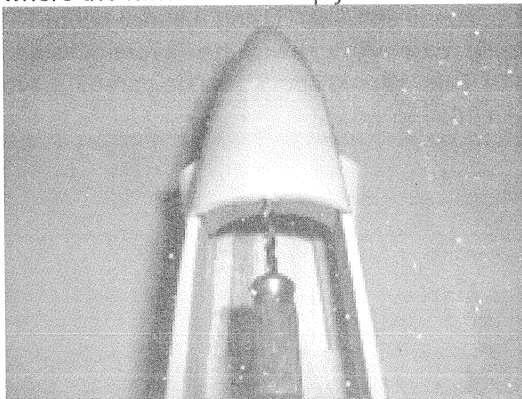
將已完成之扣具以瞬間膠黏合於切開之缺口，扣具插梢朝向隔板。

Use instant glue to glue the hatch on the cutting hole of the canopy. Please note the direction of the hatch. The pin must face the plywood of "F3".

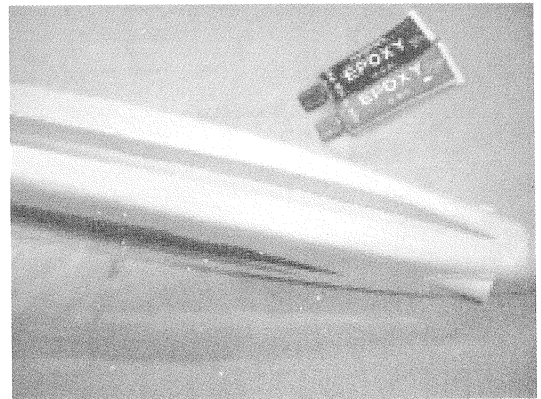


將機艙罩置於機身，扣具插梢對應於格板的點，於此點上用奇異筆做上記號。

Try to fit the canopy on the fuselage. Use pen to mark the location on the "F3" where the latch meets the plywood.

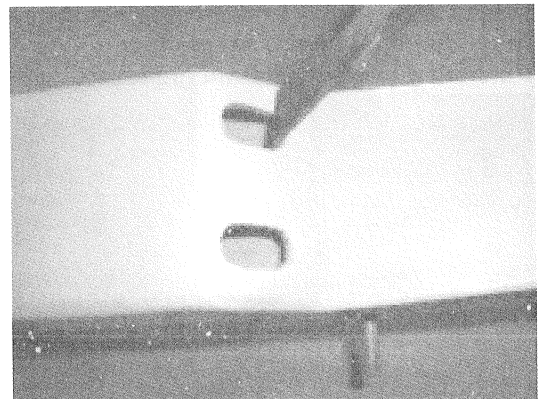


再以電鑽於此點上鑽一2.3mm孔。  
Drill a 2.3mm hole on the marking location.



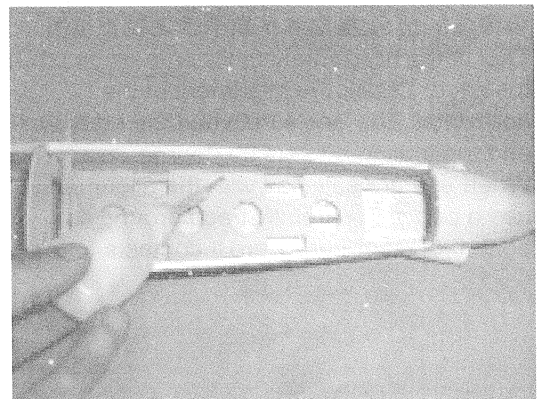
用AB膠將機腹整流板黏上機身。

Use epoxy to glue the skid on the bottom of the fuselage.



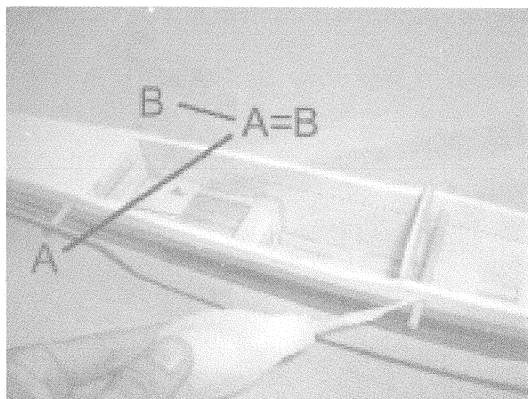
用美工刀將機腹排熱孔之包覆紙切除。

Use hobby knife to cut off the covering on the cooling holes on the bottom of the fuselage.



用瞬間膠將電池固定座固定於機身。

Use instant glue to secure the battery tray inside the fuselage.



穿入主翼固定桿,突出機身兩側等長,以瞬間膠黏合。

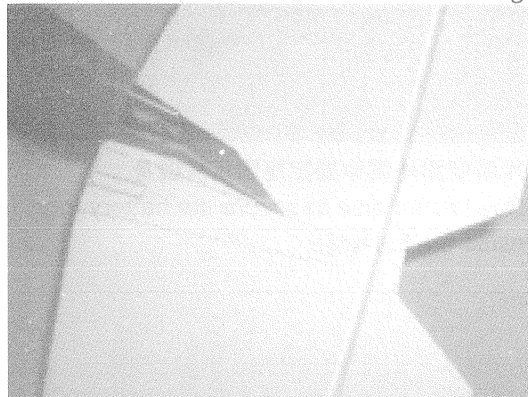
Insert the dowels through the fuselage. Please note that the length outside the fuselage must be the same. Fix both dowels by instant glue.



將水平翼置於機尾平面,對正機身中心位置後與後緣成90度角,描出水平翼下部之黏合位置。

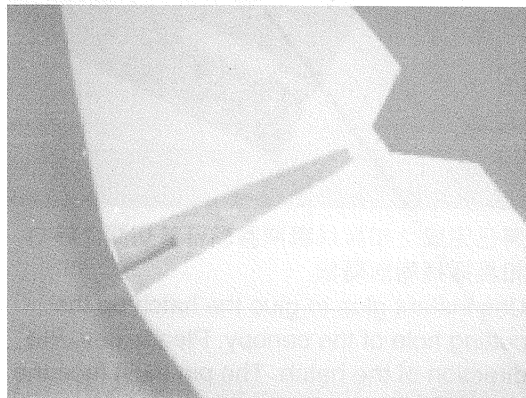
Trial fit the horizontal stabilizer in place on the fuselage. Check the alignment of the horizontal. The angle between the stabilizer and the trailing edge is 90 degree.

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



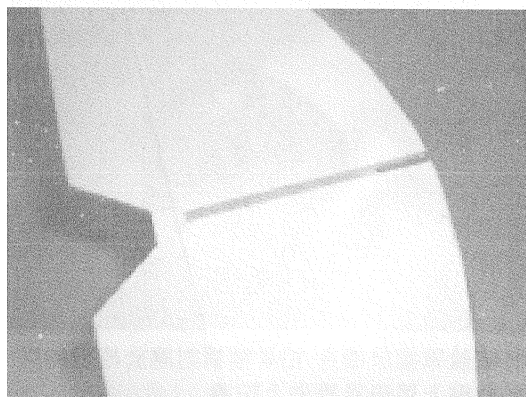
使用美工刀延線輕割包附紙,切勿傷及巴沙木面以免結構受損。

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.



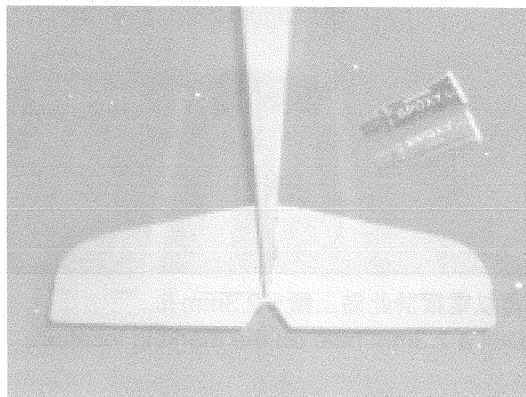
撕開包覆紙。

Remove the covering.



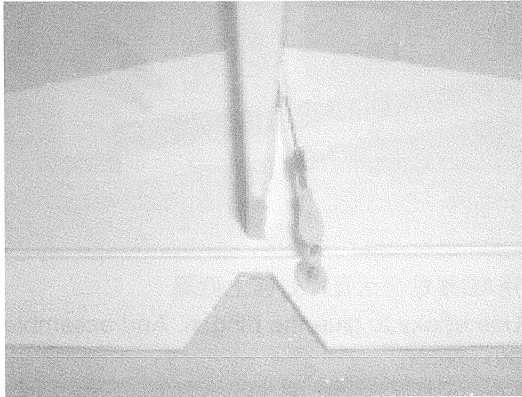
水平翼上部延中心割除3mm寬之包覆紙,切勿傷及巴沙木面以免結構受損。

Tracing a 3 mm centerline on the top of horizontal stabilizer. Using a sharp hobby knife, carefully cut away the covering inside the lines marked above and be careful not to cut into the wood.

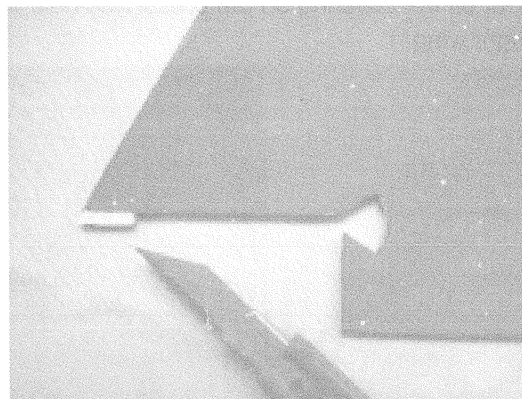


以AB膠將水平翼黏合於機身。

Spread the epoxy on the horizontal stabilizer where it contacts the fuselage. Secure the horizontal stabilizer in place.

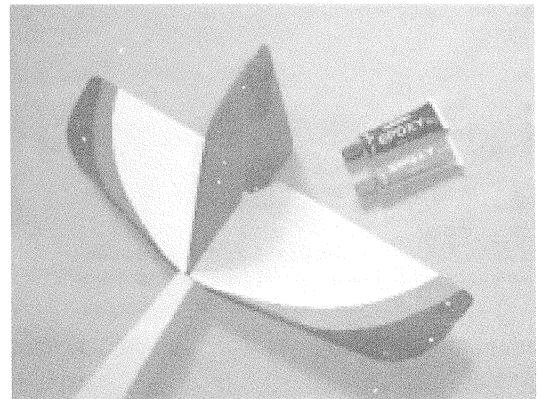


將舵角控制器的橢圓形塑膠片置於升降舵上下兩側,將M2螺絲貫穿後,以M2螺帽將兩側橢圓形塑膠片鎖緊,把舵角調整頭旋入螺絲,完成升降舵的舵角控制器.注意傳動鋼絲需保持順暢. Locate the round plastic plate of the control horn on the top and bottom of the elevator. Screw the M2 screw through the two round plastic plates from the top to the bottom. Secure the round plastic plate by screwing in M2 nut. Screw the adjusting control horn into the M2 screw. Make sure the wire can move freely.

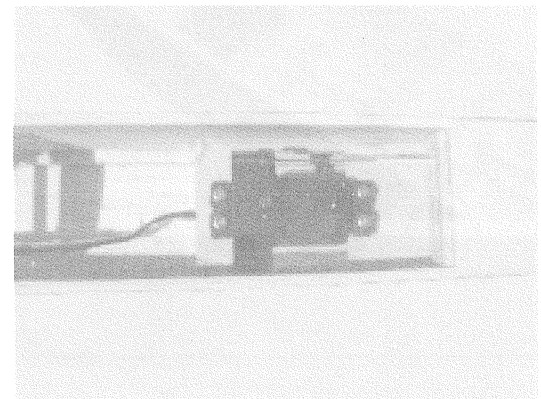


切除垂直翼前端兩側各3mm寬之包覆紙。

Cut off the 3mm covering on the front point of vertical stabilizer.



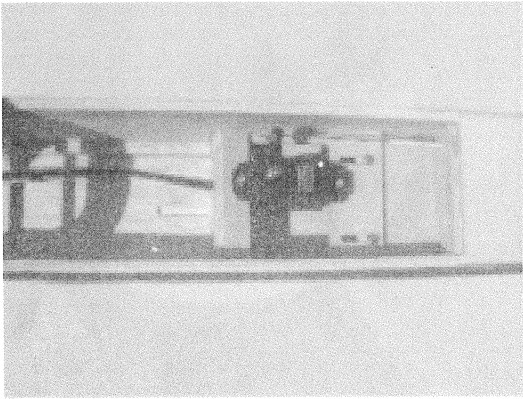
以AB膠將垂直翼黏合於水平翼預留之位置,注意垂直翼對正機身中心線並與水平翼成90度角. Spread epoxy on the vertical stabilizer where it contacts the fuselage and to the bottom of the stabilizer where it will seat on the horizontal stabilizer. Fit the vertical stabilizer in position. Check to be sure that the vertical stabilizer is perpendicular to the horizontal stabilizer.



確認伺服機中立點,穿過傳動鋼線將伺服機擺臂安裝於伺服機上,鎖緊內六角螺絲固定鋼線,剪去過長的傳動鋼線。

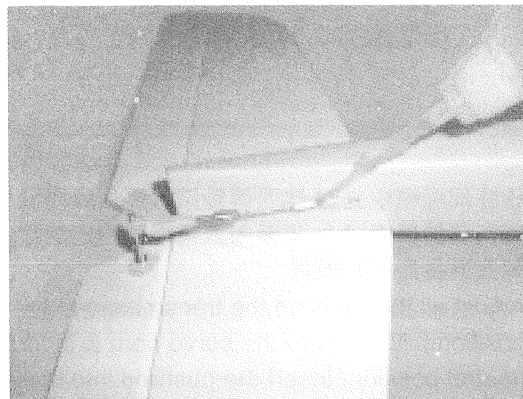
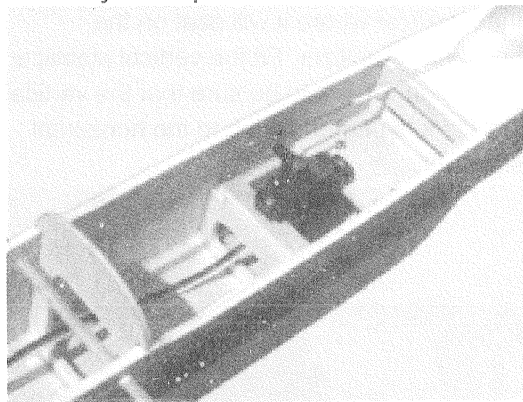
Adjust all the trims on the transmitters to their positions. Make sure the servo horn is in its neutral position. Insert the pushrod into the pushrod connector and tighten the pushrod connectors with the hex driver.





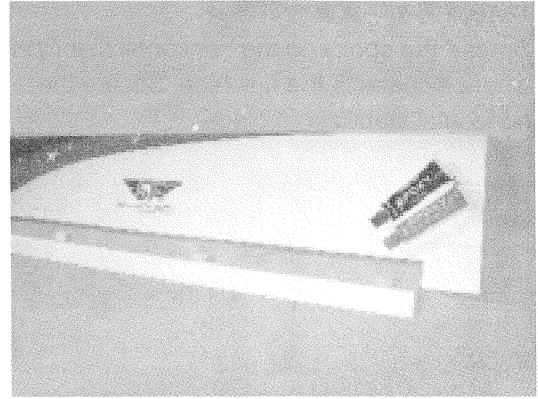
如圖使用迷你伺服機時 需將所附之伺服機座調整至適當位置。

If install the micro servo, please adjust the servo tray as required.



將昇降舵連桿套管拉緊後,再以瞬間膠將前後兩端出線外管固定於機身尾端及固定座。

Place the rod-tubes of the elevator inside the fuselage. Pull the tubes straight and make marks on both ends of tubes. Use instant glue to glue both ends of the tubes on the tail of the fuselage and mount.



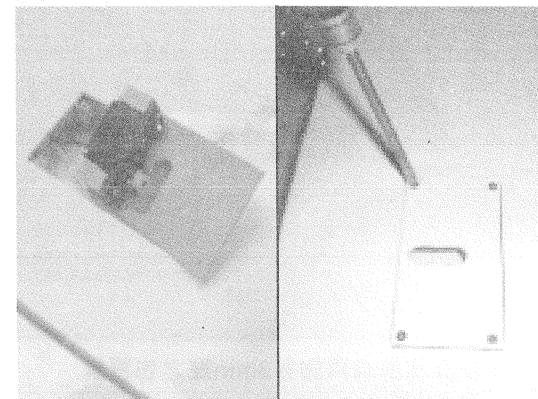
用AB膠黏合活頁片並裝上副翼。

Use epoxy to glue the hinges. And assemble the aileron.



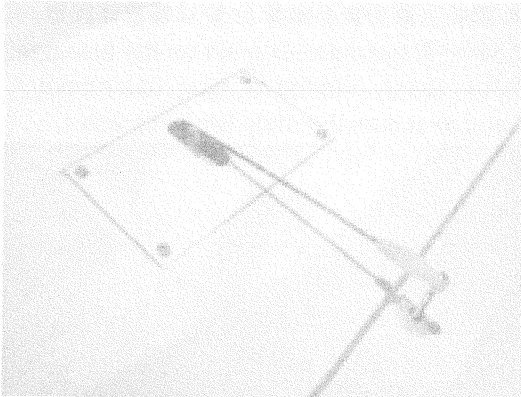
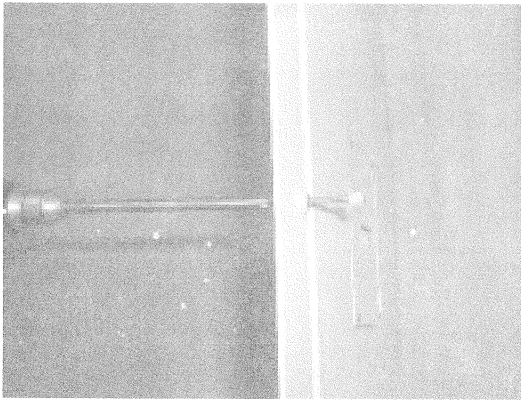
切除右翼上下線路孔之包覆紙。

Cut off the covering on the preserving hole on right wing.



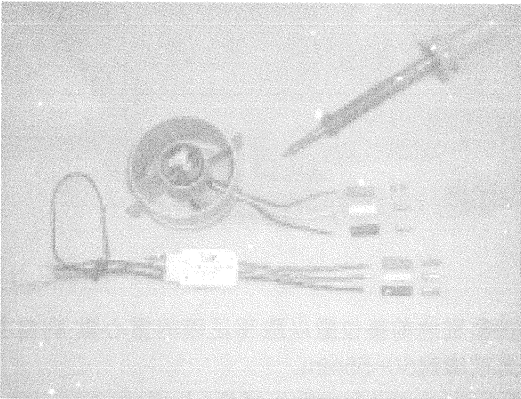
分別將伺服機裝於左右主翼伺服機座蓋板,再將蓋板固定於伺服機座

Install the servos on the servo planking on the left and right wings. Secure the planking on the servo tray.

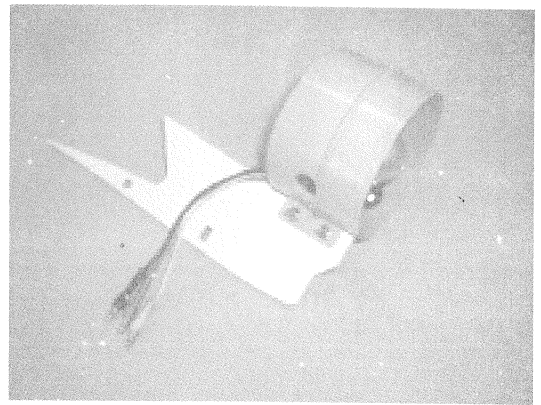


將舵角控制器的橢圓形塑膠片置於副翼上下兩側，將M2螺絲貫穿後，以M2螺帽將兩側橢圓形塑膠片鎖緊，把舵角調整頭旋入螺絲，完成副翼的舵角控制器。注意傳動鋼絲需保持順暢。

Locate the round plastic plate of the control horn on the top and bottom of the aileron. 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. Make sure the wire can move freely.



將動力組與電子變速器，分別裝上接頭。 nit  
Assemble the connectors of the duct fan u  
and speed controller.



將動力組以2mm螺絲固定於動力座。  
Screwing 2mm screws to secure the duct fan  
unit on the stand.



用AB膠將動力組之保麗龍外罩黏合。  
Use epoxy to glue the foam cover on the  
duct fan.



將4mm圓木棒用瞬間膠固定於動力座後面之  
補強位置。  
Use instant glue to secure the 4mm dowel on  
the back of the duct fan.



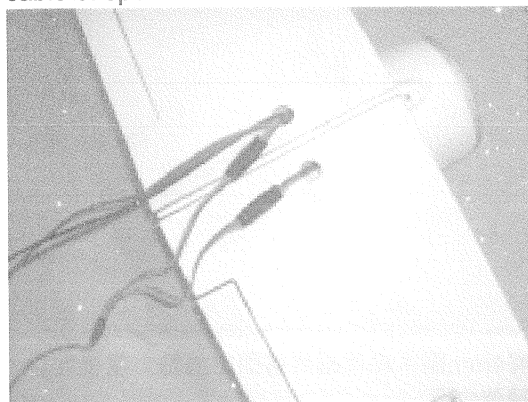


將主翼連接補強鋁板及動力座安裝於主翼中間。  
Install the aluminum wing joiner inside the main wing and place the duct fan unit on the top of the main wing.



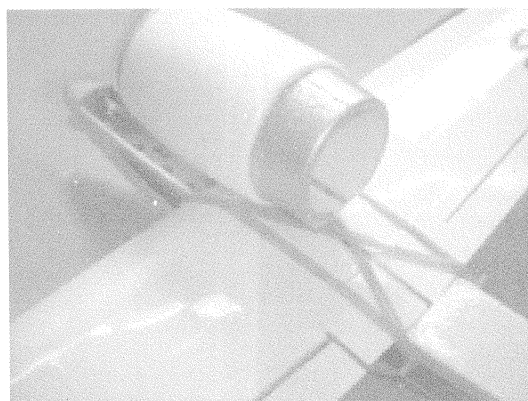
將左右主翼接合並將動力組與電子變速器線路連結。

Assemble left and right wings. Connect the cable of speed controller with the duct fan.

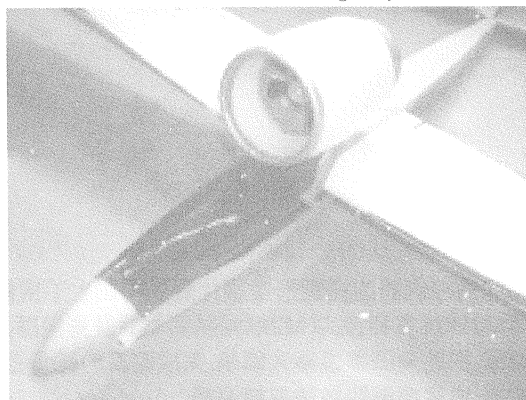


左右副翼伺服機以"Y"型延長線接合。

Use Y cable to connect the servos of left and right main wings.

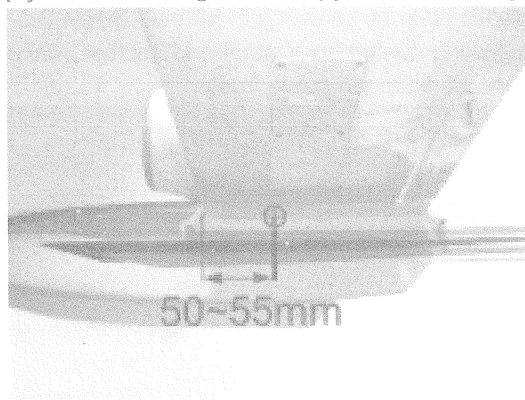


如圖將主翼安裝至機身上,並以橡皮筋固定。  
Trial to fit the main wing set on the fuselage. When satisfy with the location, use rubber band to secure the main wing in place.



將扣具前端之軸心穿過隔板上所開之孔,以固定座艙罩於機身上。

Insert the latch through the hole on the plywood for fixing the canopy on the fuselage.



調整電池前後位置以取得正確的重心點,約自主翼前緣起50~55mm。

Adjusting the location of the battery pack for getting the correct C.G. point. It's about 50-55 mm from the front edge of the main wing.





SUPER FLYING MODEL  
MANUFACTURE

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