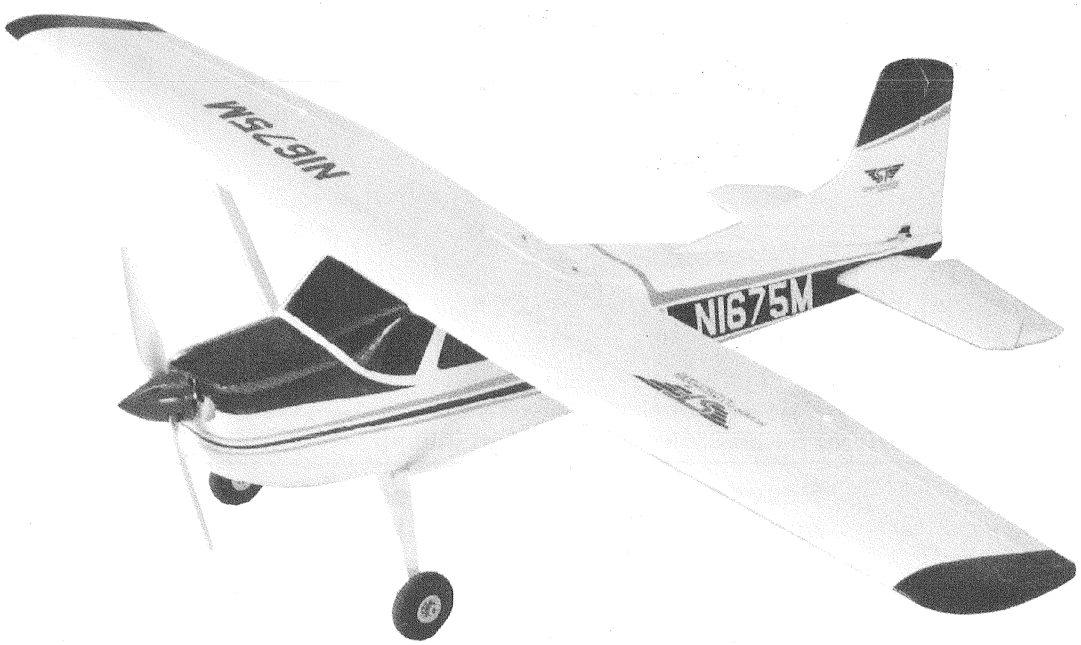
SUPER FLYING MODEL
MANUFACTURE

CESSNA 185

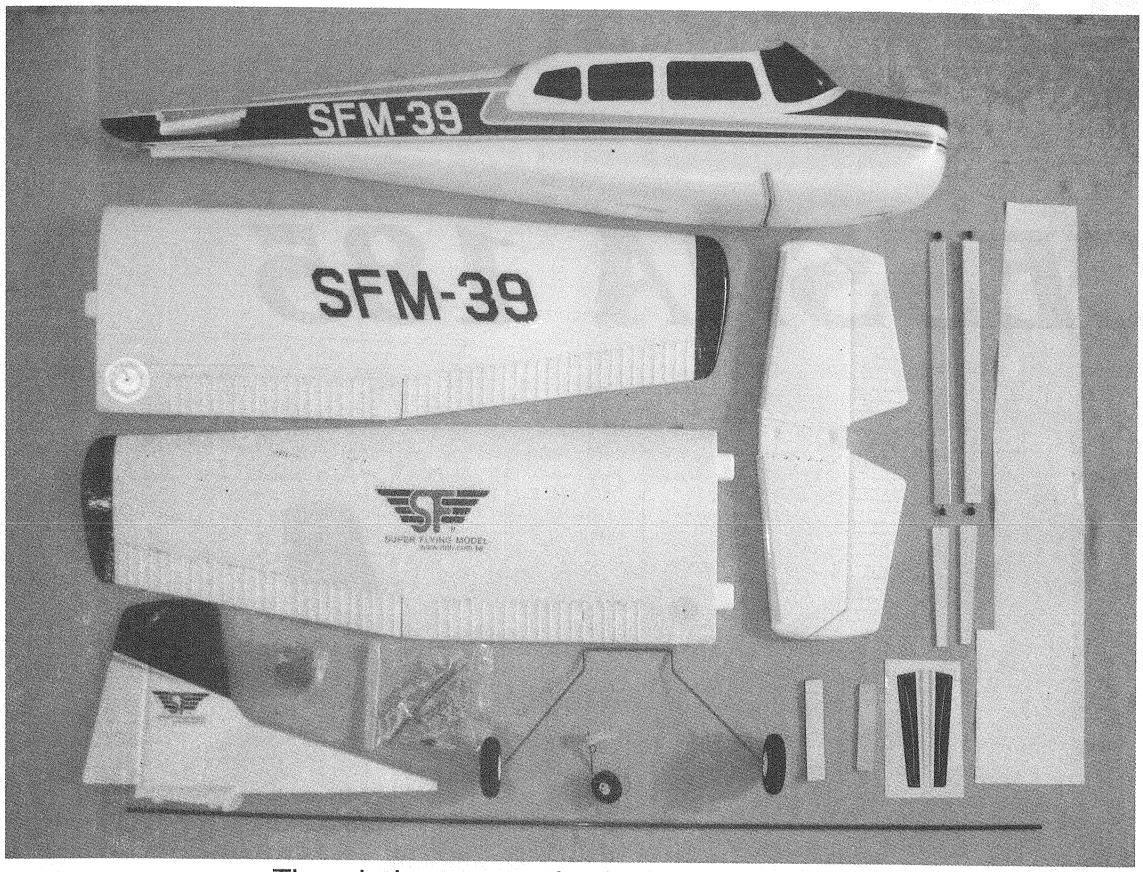


INSTRUCTION MANUAL

No.EP-39 組裝說明書

規格／SPECIFICATIONS

翼展／WING SPAN:1410 mm(59 in)
翼面積／WING AREA:29.5 dm^2(520-5/6 sq.in)
全長／LENGTH:1020 mm(44 in)
重量／WEIGHT:900~1000g(49-5/6 oz)
遙控器／RADIO:4~5 Ch
馬達／MOTOR: SF1000KV
電變／ESC: 30A
電池／BATTERY: Li-Po 3 cells
螺旋槳／PROPELLER: 11 x 5.5
推力／Thrust Power: 1260g



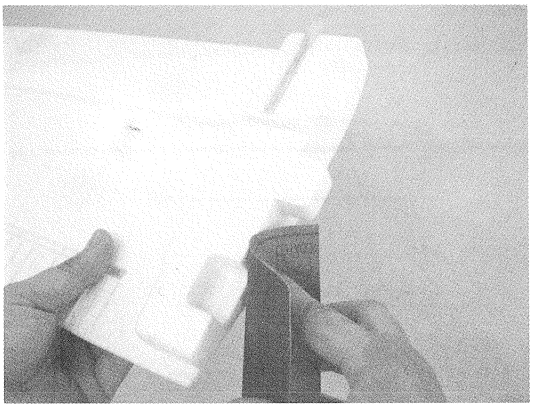
The whole accessories including in this kit.

另購配備
1000kv無刷馬達x1
11x5.5 螺旋槳x1
30A電子變速器x1
9克伺服機 x 2
13克伺服機 x 2
300mm 延長線 x 2
Y線 x 1
4ch發射接收機 x 1
2000mA Lipo電池 或
9 ~ 10 Cells NiMH 電池

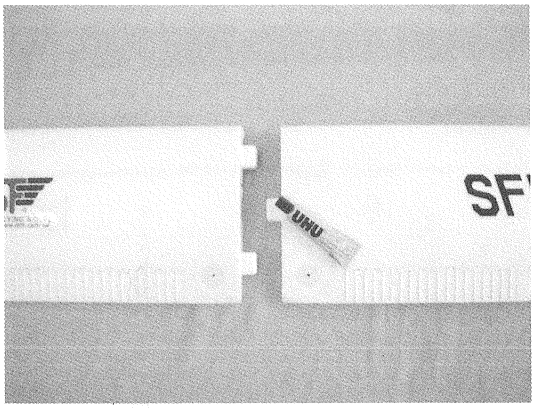
Recommended radio and electronic equipment (Not included in kit):
Motor: 1000KV brushless motor
Propeller: 11 x 5.5
ESC: 30A
Servos: 9g x 2 pcs
13g x 2 pcs
Extension cable: 30cm x 2 pcs
Y-harness x 1 pc
Radio: 4 channels
Battery: 2000mAh LiPo
9-10 cells NiMH

使用工具
十字起子
1.5mm 六角起子
美工刀
斜口鉗
Z字鉗
AB膠
瞬間膠
UHU 強力膠(推薦)
麥克筆
#150~#200 砂紙

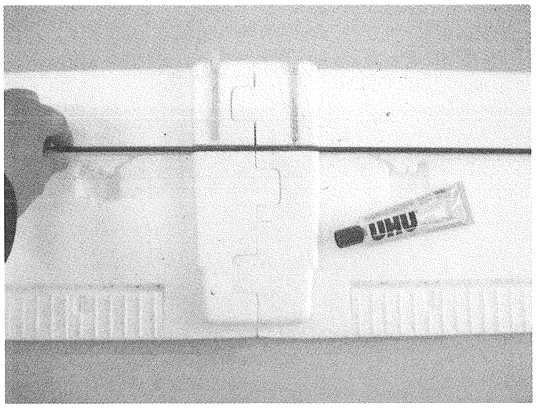
Tools and suppliers needed (not included in kit)
Small Phillips Screwdriver
Hex Wrench 1.5mm
Hobby Knife
Side Cutters
Marker
Z bender
Epoxy
EPO Foam glue (recommendation: UHU glue)
Sanding Paper



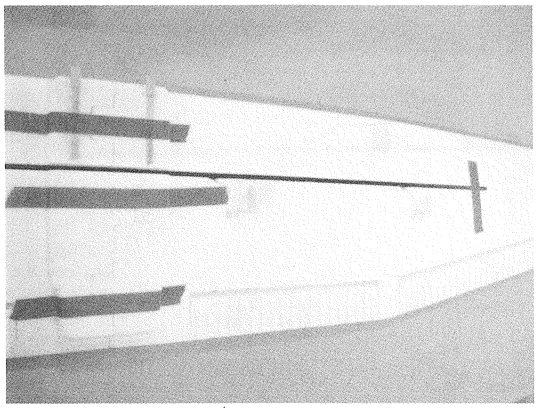
使用砂紙將相黏接合面之表面磨粗.
Use sanding paper to sand the contacting area on the main wing.



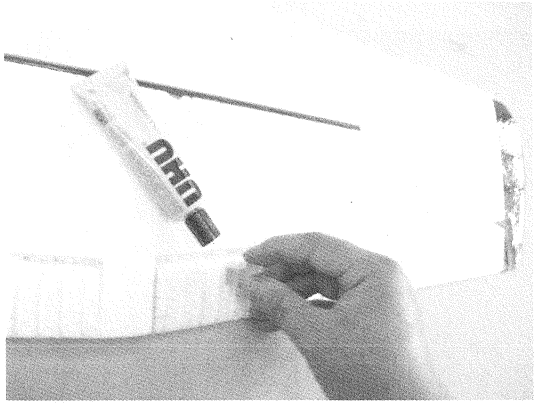
將 UHU 強力膠均勻塗於相接面,靜置 2分鐘後黏合
Spread the UHU glue on the contacting area and joint the two main wing after 2 minutes.



將 UHU 強力膠均勻塗於主翼補強桿及主翼,靜置 2 分鐘後安裝主翼補強 "
Spread the UHU glue on the slot for the wing-reinforcing rod. Place the wing rod into the slot after 2 minutes.

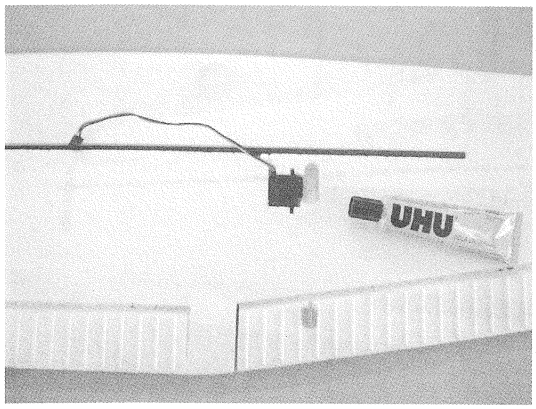


使用膠帶固定主翼並靜置 30 分鐘
Apply the tape on the main wing and wing rod temporary for 30 minutes.

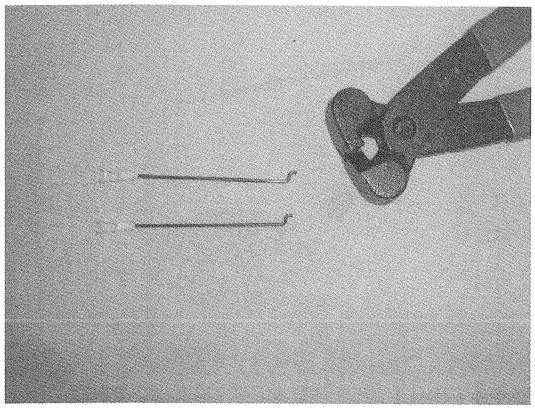


使用 UHU 強力膠安裝副翼舵角器
Use UHU to glue the aileron control horn in place.

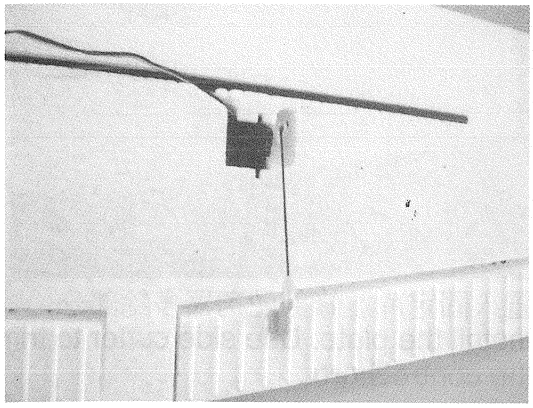
置入固定片並修剪舵角器多餘部分
Install the plate. Use side cutter to trim the control horn.



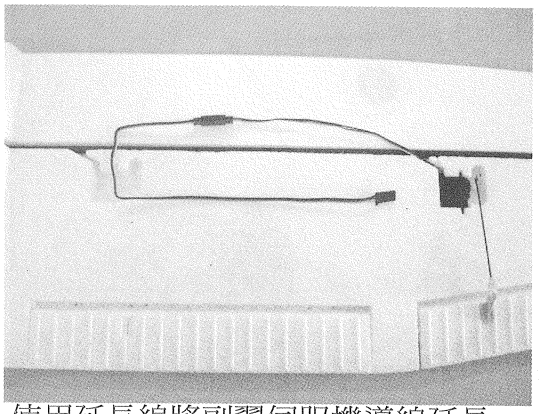
使用 UHU 強力膠安裝副翼9 克伺服機.
Use form glue to glue the aileron servo into the servo slot.



依所須長度使用 Z 字鉗加工副翼推桿.
Use Z-bender to make a Z end on the aileron pushrods.

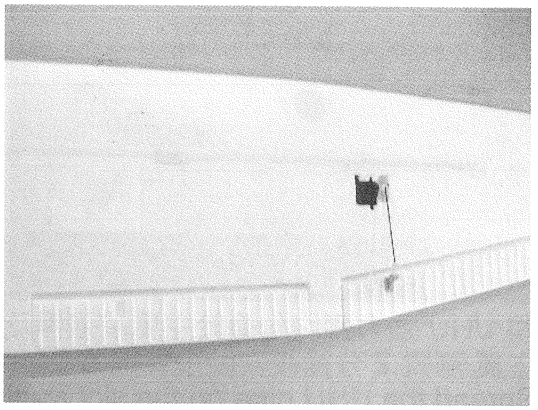


安裝副翼推桿.
Assemble the aileron pushrods.

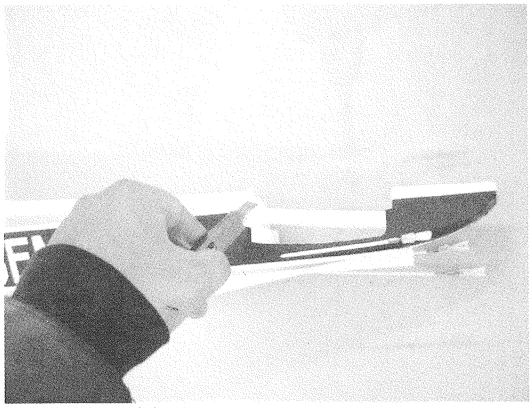


使用延長線將副翼伺服機導線延長.
Attach an extension to the servo lead.

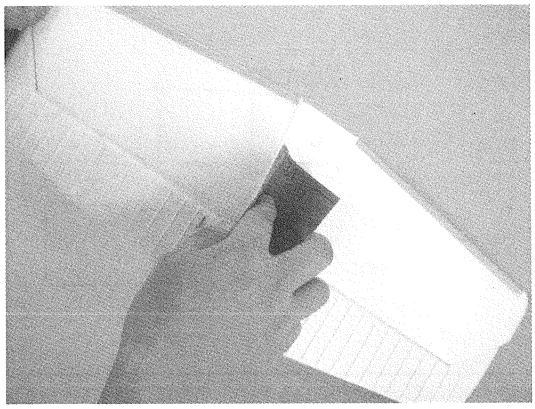
使用美工刀在延長線連接處刻出適當凹槽以容納接頭
Tuck the wires neatly into the strut slot.
Trim the foam to fit the connection between the servo and servo extension.



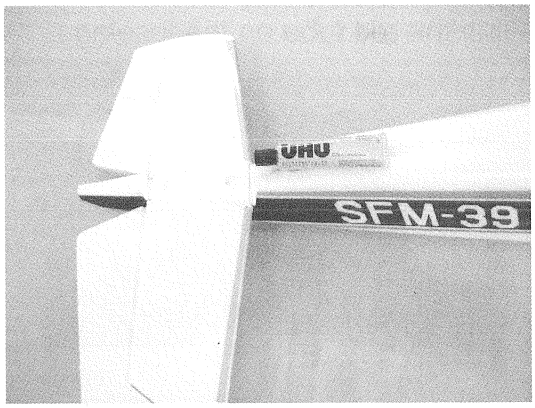
貼上主翼遮蔽貼紙及襟翼伺服機遮蔽貼紙
Cover the wires using the wiring decal.



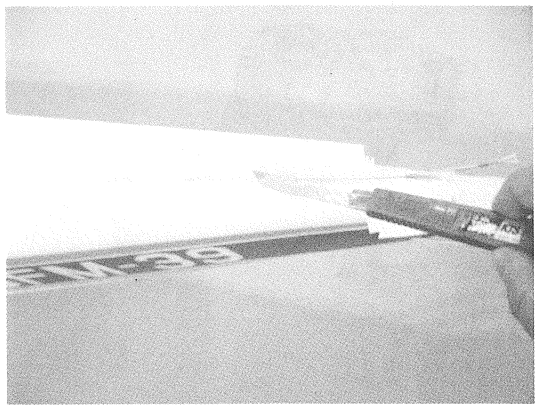
切除機尾補強.
Use hobby knife to trim the foam fuselage for assembling the horizontal stabilizer.



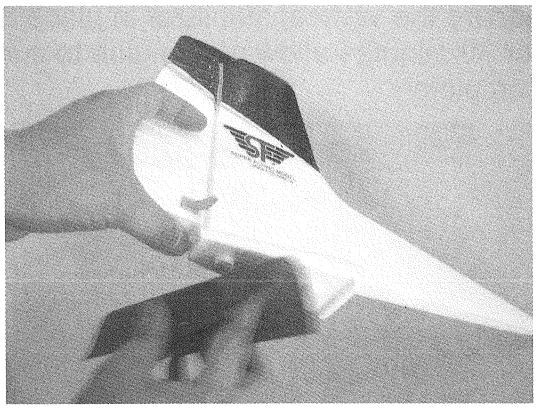
使用砂紙將水平相黏接面之表面磨粗.
Sand the bottom of the horizontal stabilizer.



將 UHU 強力膠均勻塗於水平，機身相接面，靜置 2 分鐘後黏合
Spread the UHU glue on the contacting area. After 2 minutes, fit the horizontal stabilizer on the fuselage.

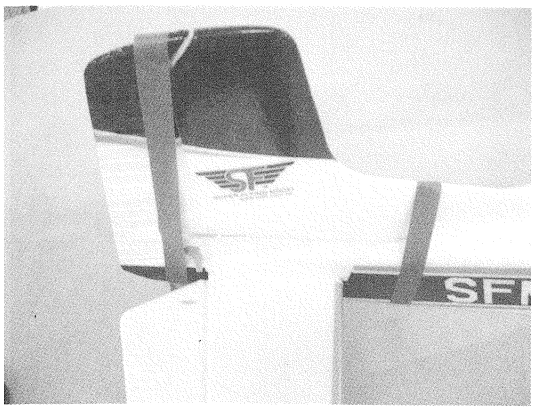


順著方向連桿於機身畫一刀,以容納方向連桿.
Use hobby knife to cut the foam slightly for the pushrod.

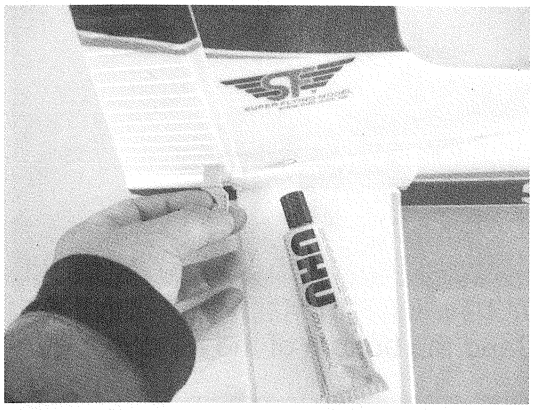


使用砂紙將垂直相黏接面之表面磨粗.
Sand the bottom of the rudder.

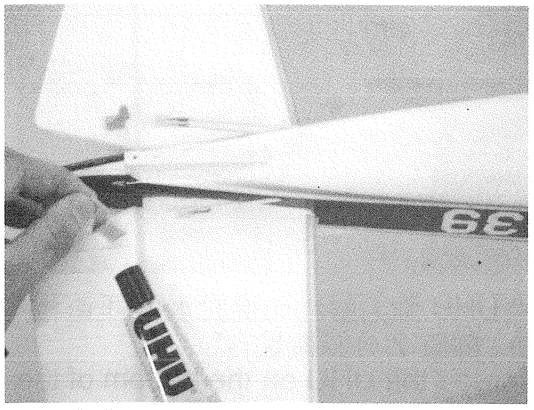
將 UHU 強力膠均勻塗於水平,垂直相接面，靜置 2 分鐘後黏合"
Spread the UHU on the bottom of the rudder. After 2 minutes, fit the rudder on the stabilizer.



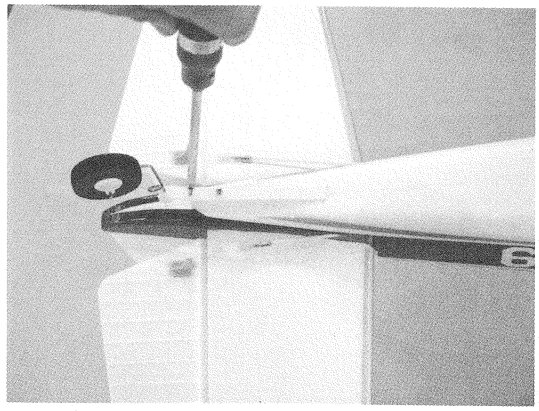
使用膠帶固定垂直,水平翼並靜置30分鐘 (須注意兩翼之間保持垂直,參考附圖)
Measure from the tip of the rudder to each stabilizer tip to make sure the measurements are equal. Using tapes, secure the vertical stabilizer in place for 30 minutes allowing the glue to cure completely.



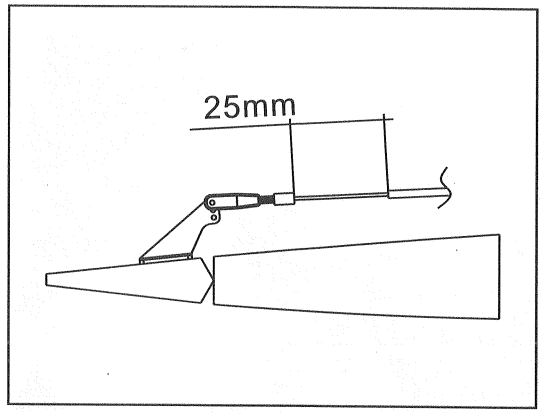
使用 UHU 強力膠安裝方向舵角片.
Use UHU glue to secure the control horn on the rudder.



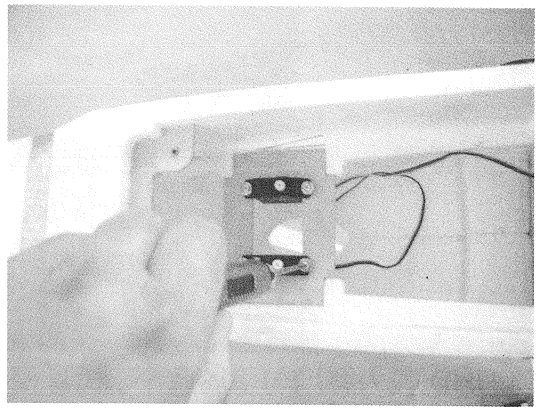
使用 UHU 強力膠安裝升降舵角片.
Use UHU or instant glue to secure the control horns on the elevator.



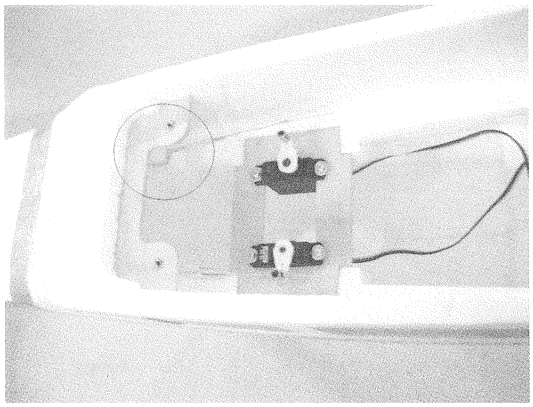
使用2.6 x10 mm木工螺絲安裝尾輪架.
Use 2.6 x10mm tapping screw to secure the tail gear on the fuselage.



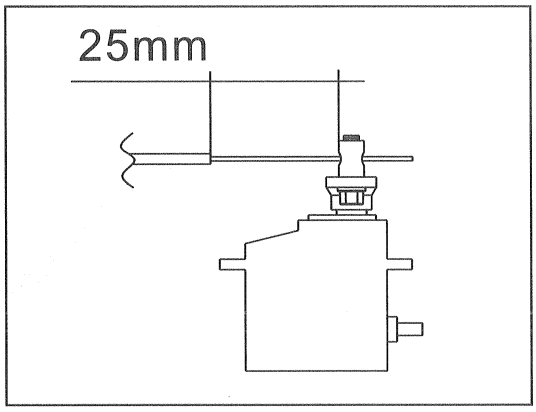
將方向,升降舵角片與其連桿連接,注意預留長度並用瞬間將機身與連桿套管黏死..
Connect the pushrods with the control horns on the elevator and rudder. Glue the rod tube on the fuselage.



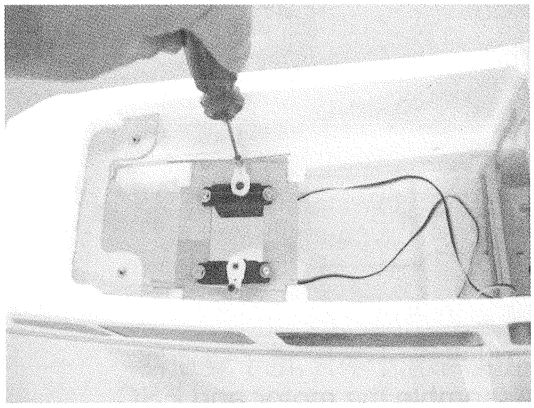
安裝升降,方向伺服機 (13 克 x 2).
Installing servos (13g x 2 pieces).



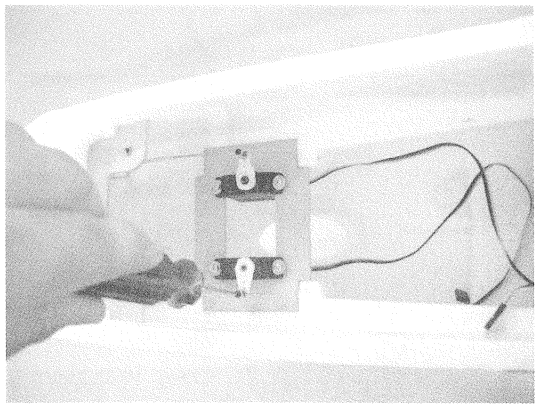
使用 AB 膠將連桿套管固定於機身內部兩側凹槽
Use epoxy to fix the tube inside the fuselage.



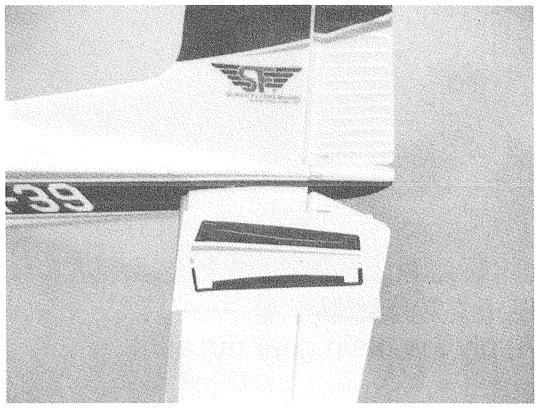
預留適當長度,裁剪升降,方向 連桿及連桿套管.
Use cutter to cut off the excess tube and rods.



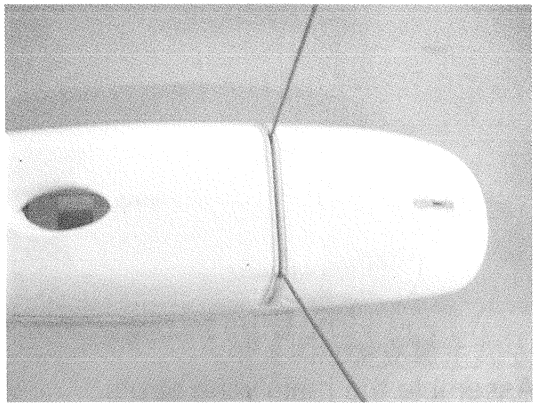
將升降調整於中立位置,使用1.5 mm六角起子固定升降連桿參考附圖).
Center the elevator servo in the neutral position. Use 1.5mm hex wrench to secure the rod onto the servo.



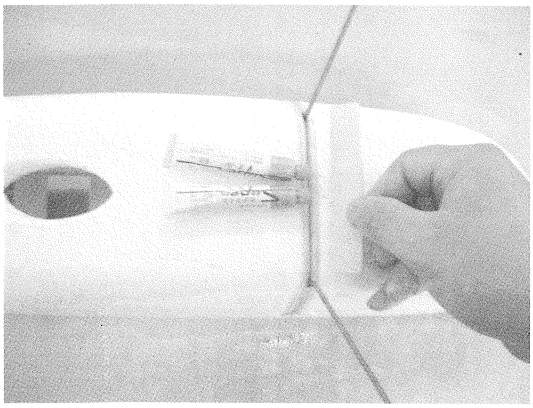
將方向,尾輪調整於中立位置,使用1.5 mm 六角起子固定方向,尾輪連桿(參考附圖).
Center the rudder servo in the neutral position. Use 1.5mm hex wrench to secure the rudder and tail rod onto the servo.



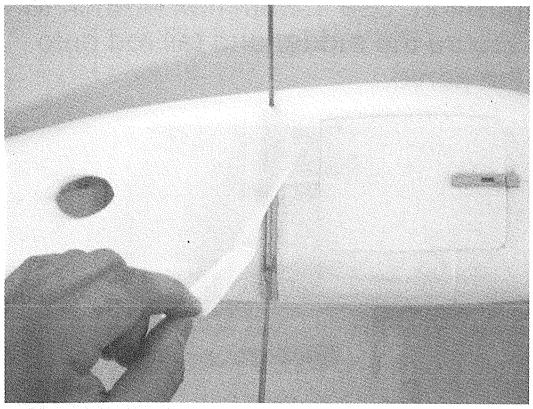
將機尾貼紙貼上.
Apply the decal on the tial.



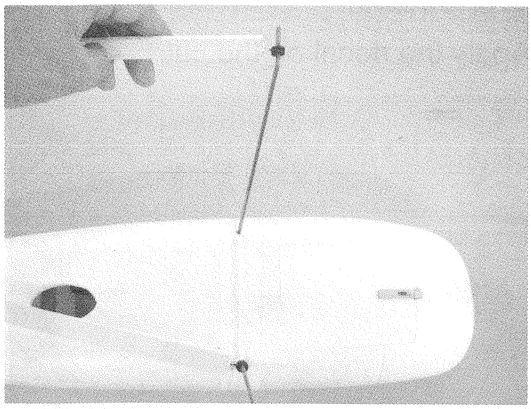
將主輪架插入機腹主輪架座.
Install the main gear into the main gear slot on the bottom of the fuselage.



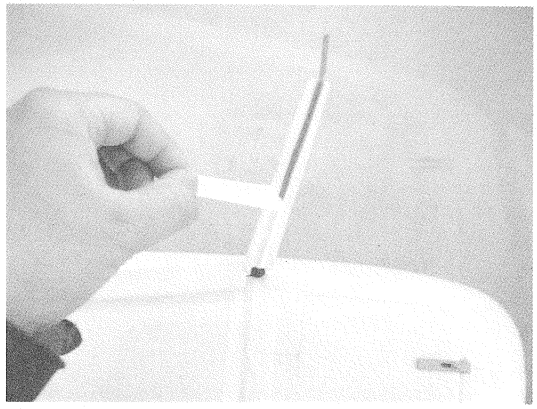
插入主輪架固定板,使用AB膠黏合.
Try to insert the gear fixing plate into the gear slot. Use epoxy to fix the plate in place.



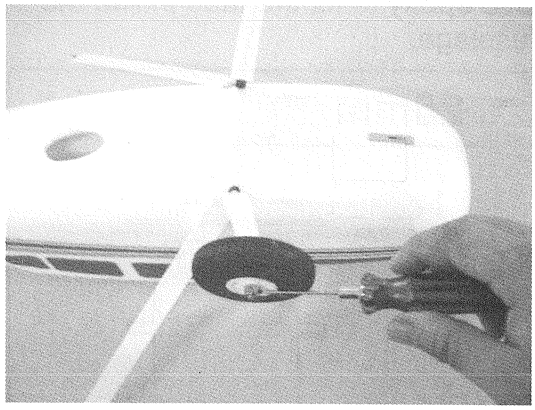
貼上主輪架遮蔽貼紙.
Apply the main gear decal.



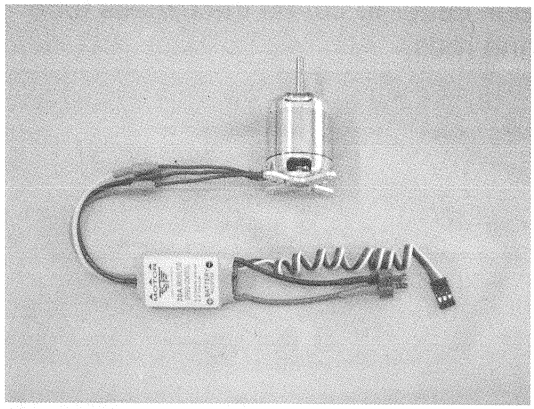
安裝主翼支撐.
Assemble the main wing struts.



安裝主輪架飾板,貼上遮蔽貼紙固定.
Assemble the main gear decoration.

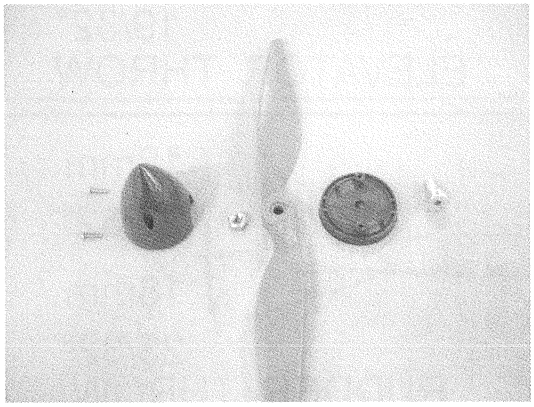


放入主輪,使用1.5mm 六角板手固定輪檔.
Assemble the wheels. Use 1.5mm hex wrench to fix the collars.

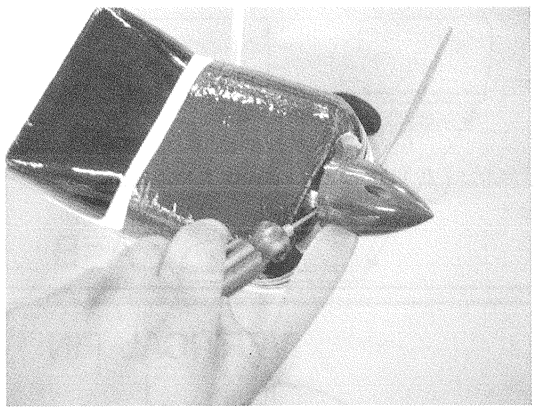


組裝馬達,十字片,電子變速器.
Assemble the motor and ESC.

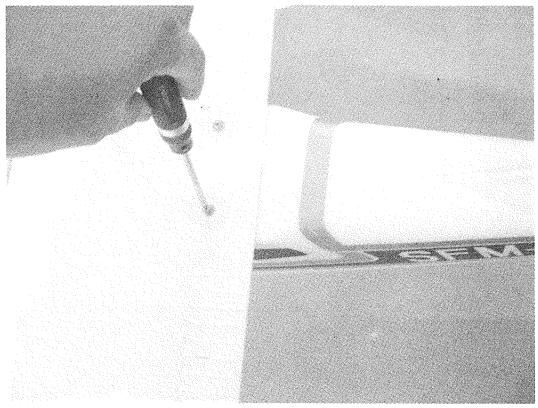
使用2.6 x 10 mm木工螺絲安裝馬達.
Use 2.6 x 10mm tapping screw to secure the motor in place.



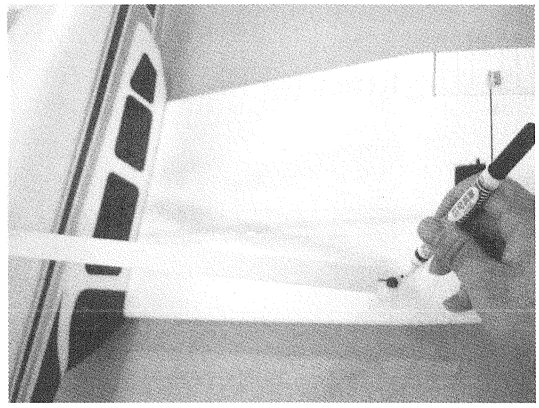
組裝螺旋槳,機頭罩.
Assemble propeller and spinner.



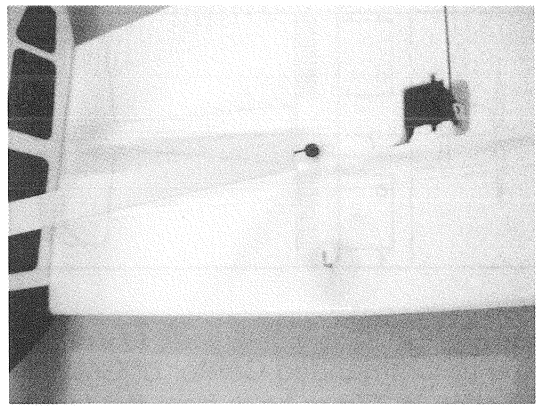
使用1.5 mm六角板手固定螺旋槳.
Use 1.5mm hex wrench to secure the propeller in place.



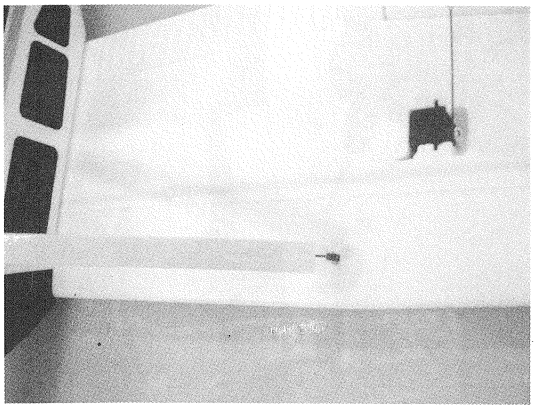
使用M3 x 40 mm 十字螺絲，墊片組裝主翼與機身.
Use M3 x 40mm screw and washer to bolt the main wing to the fuselage.



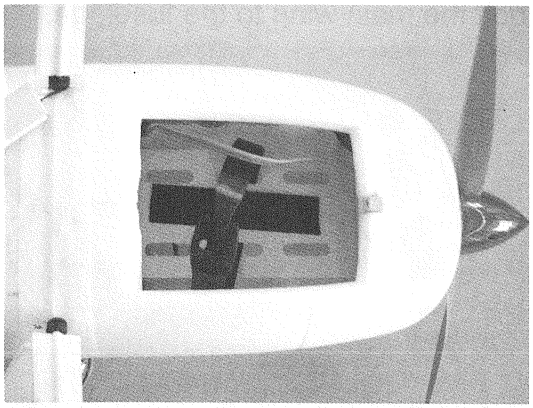
利用主翼支撐於主翼底部圓板上做記號.
Try to pull the wing struts to contact the main wing. When satisfy the location,mark the contacting place.



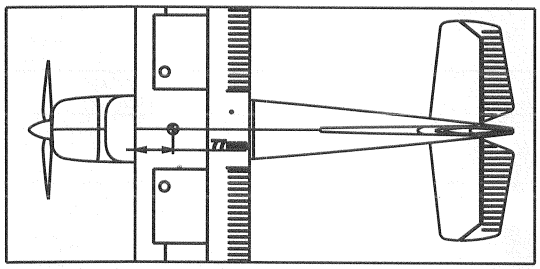
將 L 型螺絲栓入於記號處.
Secure one L screw into the marking place.



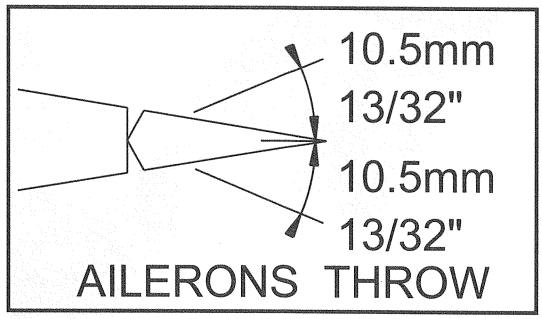
連接主翼支撐與 L 型螺絲.
Secure the wing struts onto the L screws.

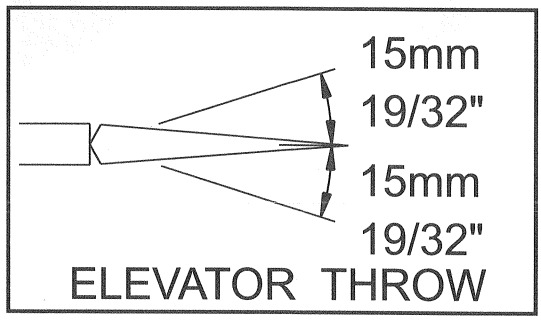


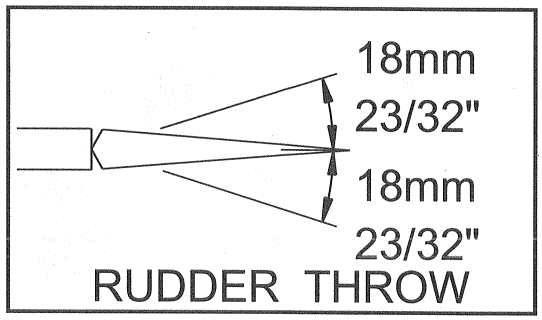
將背膠粘扣帶之一端粘於電池固定板上.
Glue one end of the hook and loop strap onto the battery tray.

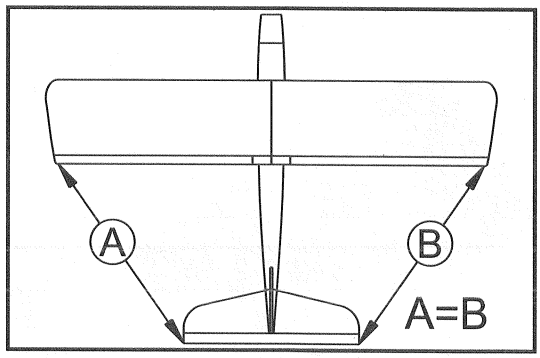


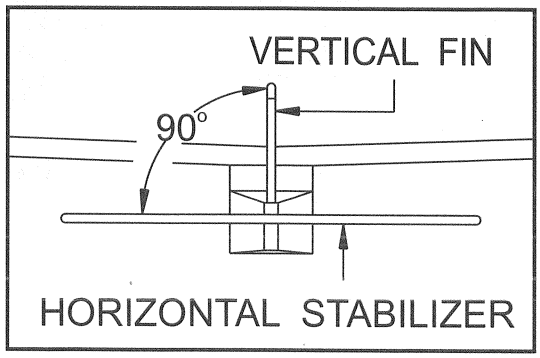
重心點位置於主翼前緣向後 77mm 處.
The recommended Center of Gravity location is 77mm back from the leading edge against the fuselage.



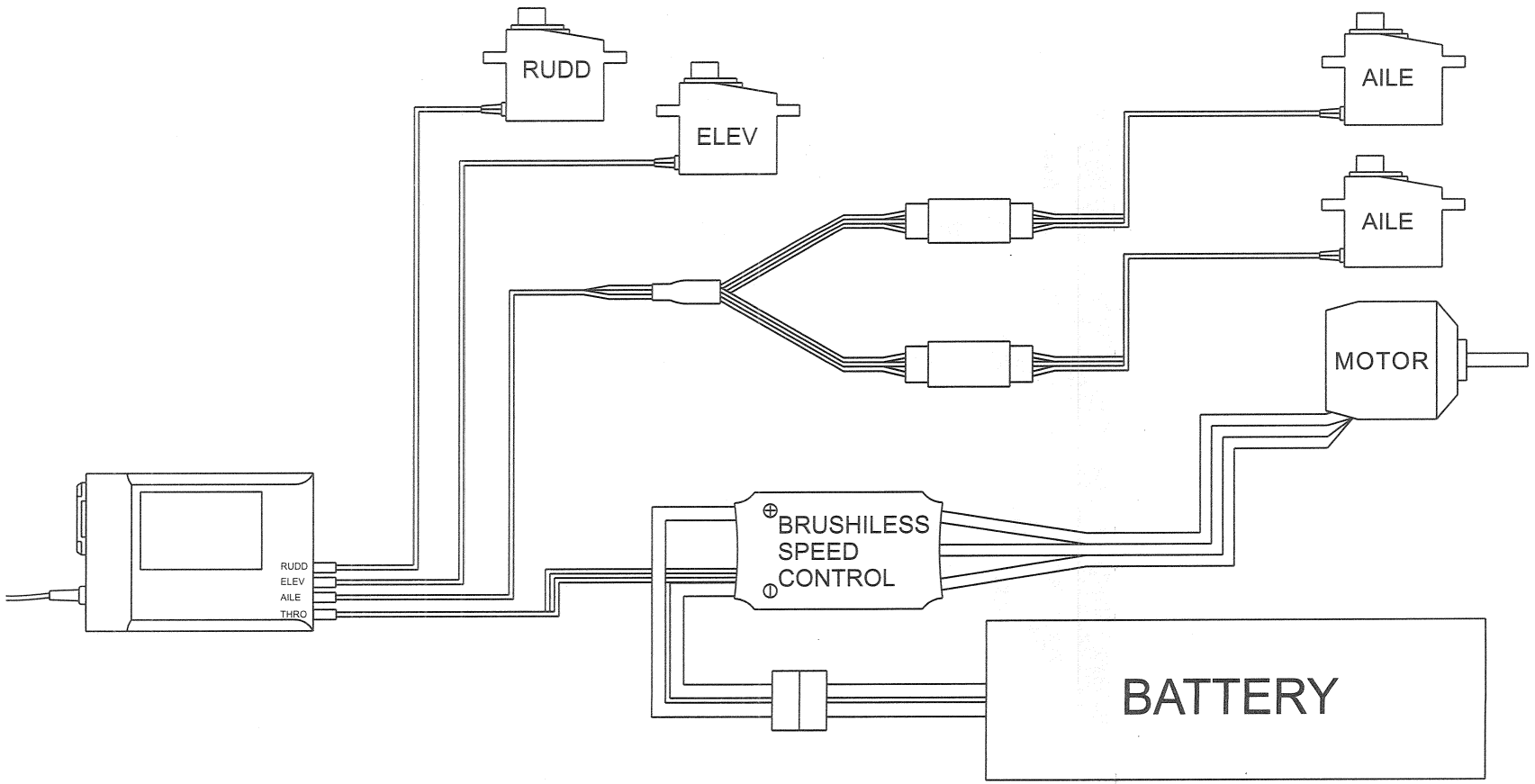


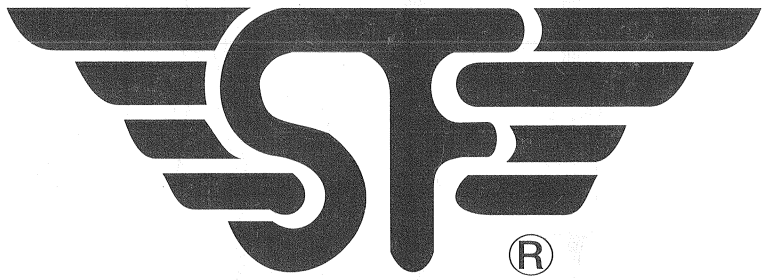






Cable Connecting Diagram





SUPER FLYING MODEL

MANUFACTURE

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