操縱方法

上升	當左操縱杆（油門）向上推，主旋翼轉速增大，直升機升高。	
下降	當左操縱杆（油門）向下推，主旋翼轉速減慢，直升機下降。	
轉向	當右操縱杆（轉向舵）向左推，直升機機頭向左轉。向右推，直升機機頭向右轉。	
前進	當右操縱杆（轉向舵）向上推，直升機機頭向下，直升機向前前進。	
後退	當右操縱杆（轉向舵）向下推，直升機機頭向上，直升機向後後退。	

特別提示

飛行中如果沒有推動方向操作杆，直升機仍然在空中打轉，這時可以調節方向舵微調按鈕，調到不打轉為止。
（如直升機在空中機頭側順時針打轉，可以調節方向舵左邊按鈕，反之調節右邊按鈕；若調節左右微調按鈕均無效，將直升機召回機頭直升機的電源開關從"on"拔至"off"，再拔至"on"，將直升機重新升空再調節左右微調按鈕。）

注　意

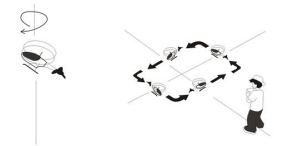
發現機身微幅左/右偏移時，直升機會受到自身螺旋桨的影響而影響飛行，這說明"機身反動"，發現機向右偏移時，地面反動向左側偏大。

當直升機機頭逆時針打轉時，可逆順按動右邊方向舵微調按鈕，直到直升機不打轉為止。

當直升機機頭順時針打轉時，可逆順按動左邊方向舵微調按鈕，直到直升機不打轉為止。

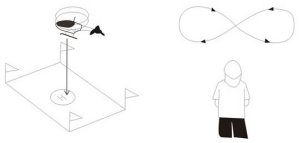
FLYING PRACTICE

After the enough practice, you can attempts following flying practice.



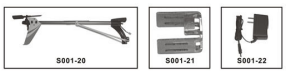
Fixed revolves (direction revolve)

Always go forward and turn left, and exercise flight in a quadrate pattern, then repeatedly practices to gradual practice flight in a rotundity.

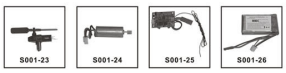


Landing at the appoint pace (fixed landing)

(number 8 flight)



S001-20 機尾組件 | S001-21 電調散熱片 | S001-22 適配器

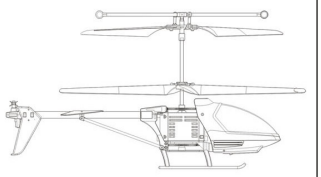


S001-23 尾保箱組件 | S001-24 前主電機組件 | S001-25 接收板 | S001-26 聚合物鋰離子電池

NO.S001

S-001 R/C Helicopter

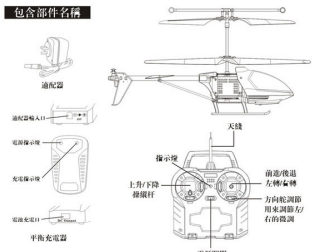
R/C HELICOPTER USING INSTRUCTION



1.Intelligentized R/C system.
2.Full scale remote control.
3.360° exact directional.
4.Smooth flying performance.
5.Newly designed electricity saving function.
6.Safeguard battery model to prolong the uses life.

Main rotor diameter:	340mm
Length:	375mm
Machine height:	175mm
Battery:	7.4V Lithium-ion pol ymer battery

包含部件名稱



組裝遙控器

1.天綫的安裝：將天綫順時針轉動裝入遙控器的天綫終端螺絲柱上。如圖1
2.電池的安裝方法：打開遙控器背面的電池蓋，依照電池箱的電極指示正確地放入4粒5號碱性電池（電池須另購）。如圖2

圖1

注意:
1.裝電池時必須認準正負極與電池盒正負極，切不能裝反。
2.請勿混合使用新舊電池。
3.請勿混合使用不同種類的電池。

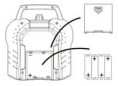
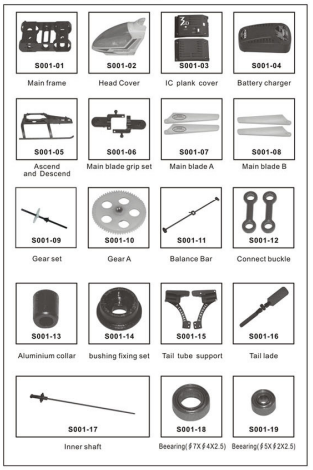


圖2

PARTS ARE ALTERNATIVE



S001-01 Main frame	S001-02 Head Cover	S001-03 IC plank cover	S001-04 Battery charger
S001-05 Ascend and Descend	S001-06 Main blade grip set	S001-07 Main blade A	S001-08 Main blade B
S001-09 Gear set	S001-10 Gear A	S001-11 Balance Bar	S001-12 Connect buckle
S001-13 Aluminium collar	S001-14 bushing fixing set	S001-15 Tail tube support	S001-16 Tail lade
S001-17 Inner shaft	S001-18 Beearing(ƒ7X ƒ4X2.5)	S001-19 Beearing(ƒ5X ƒ2X2.5)	

解決問題指引

問　題	原　因	處 理 方 法
遙控器沒有電源	1.開關擺在"OFF"的位置	1.把開關擺在"ON"的位置
	2.沒有依正確電極指示放入電池。	2.檢查和確保電池是依照電池箱所指示的正負極放入。
	3.電池已耗盡。	3.更換全新的電池
不能遙控	1.沒有開啟遙控器	1.把遙控器開關擺撥向"ON"的位置
	2.直升機開關擺在"OFF"的位置。	2.把直升機開關擺撥向"ON"的位置
	3.沒有拧緊遙控器的天綫或天綫未完全伸長	3.確保把混色的天綫拧入遙控器中和完全伸長
	4.風力太大	4.切勿在有風的情況下飛行 有風會對機體造成局限，或會損壞你的控制飛行
直升機不能升高	1.旋翼轉動速度太慢	1.將力操縱杆向上推。
	2.直升機开未完全充電	2.為直升機完全充電
直升機很快滑着陸	你太快的將動力操縱杆回位	慢慢地回拉動力操縱杆讓直升機慢慢着陸

注意事項

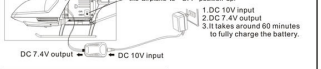
1.遙控器或直升機的電葉不足時，遙控距離受影響而距離較近。
2.若直升機電葉不足，會出現飛行高度不够或起飛困難。
3.若直升機出現破損，變形請及時修復，嚴重者如旋翼斷裂破損切勿飛行否則會導致受傷。
4.長期不使用請將遙控器的電池取出，以免電池漏液造成對本產品的損壞。
5.切不能讓直升機高空墜機或巖重碰撞，這樣會損壞直升機或縮短直升機壽命。

POWER BATTERIES CHARGING INSTRUCTION

Charging for battery
1.Plug the DC 10.V output jack of adapter to the input jack of charge box, the red indicator will light up at the time.
2.Insert the three feet plug of battery to output port of charge box (As follows diagram), and the green indicator soon shining, when the green indicator put out, the battery capacity will achieves 100% it shows that the recharging finishes.
(Note: when install the batteries to he charge box and the green indicator does not change, kit means that the batteries are fully recharged.)

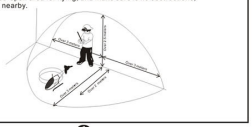
Attention:
1.Make sure the voltage and connector plug of adapter tally with the local charging standard.
2.The battery pack will become warm when charging excessively, it is harmful for the battery pack and would even make the battery pack damaged, please stop charging under this situation.
3.Prayer should stand aside as the plane in the process of charging.
4.This adapter adopted the advanced balance charging model for safety, please do not user other type of adapter un order to avoid explode.
5.The battery pack would become very hot when the plane finish flying, please wait at least 30 minutes for continue charging in order to protect the battery pack.
6.Do not throw the battery pack into fire for avoid explode.

WARNING ⚠
When you are tied of playing, please pull out the connecting plug to avoid the battery over discharge, if the linker keeping to connected, it may cause the over discharge as the battery long time power wasting.

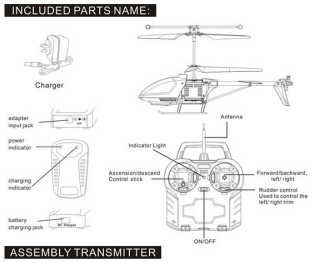


ENVIRONMENT FOR FLIGHT:

1. Fly on a sunny day, without wind.
2. Do not fly in extreme temperature.
Do not fly in temperature above 113 degrees Fahrenheit /45 degrees centigrade, or below 50 degrees Fahrenheit /10 degrees centigrade.
Flying in extreme heat and/of cold will affect performance and may damage the model.
3. Do not fly in strong wind.
Windy conditions will limit, or disturb the flying control.
In very windy conditions, your helicopter may become lost and/or damaged.
2. Select a large, wide-open area for flying, and make sure is no obstructions, animals or people nearby.



INCLUDED PARTS NAME:



ASSEMBLY TRANSMITTER

1.Install antenna cord: remove antenna into adapter clockwise.
2.Install batteries: open the cover of battery case, insert 4 batteries (size 1.5V AA) properly followed by polar indicator. (batteries to be purchased).

Fig.1

NOTICE:
1.Install the battery must recognize the battery and battery box is precise
2.do not mix and old batteries together when in use.
3.Please don't mix different types of batteries when in use

Fig.2

配件

S001-01 主框架	S001-02 機頭	S001-03 IC板左右護架	S001-04 平衡充電器
S001-05 起落架	S001-06 風葉壓件	S001-07 主風葉A	S001-08 主風葉B
S001-09 前輪組件	S001-10 前輪A	S001-11 平衡杆	S001-12 鎖扣
S001-13 小軸承套	S001-14 大軸承套	S001-15 尾管撐件	S001-16 尾風葉
S001-17 主旋軸組件	S001-18 大軸承ƒ7X ƒ4X2.5	S001-19 小軸承ƒ5X ƒ2X2.5	

TROUBLE SHOOT AND DEALING WITH

PROBLEM	CAUSE	CHECK THIS
Controller doesn't work	1.Controller's power switch is off.	1.Turn power switch on.
	2.Insert batteries into controller improperly.	2.Confirm batteries be inserted according to their pole.
	3.Batteries lack of power.	3.Change new batteries instead.
Can not control the helicopter	1.You haven't operated the controller.	1.Turn controller power switch on.
	2.Doesn't turn on controller's power switch.	2.Turn helicopter's power switch on.
	3.Doesn't wrest antenna into controller completely, or antenna isn't fully pulled out.	3.Wrest antenna completely and pull it out.
	4.You play the helicopter in strong winds weather.	4.Do not play the chopper in winds, which can confuse your control.
Helicopter can not rise	1.Main rotor blades rotate too slowly.	1.Pull up the throttle stick.
	2.Doesn't fully charge helicopter's battery.	2.Full charge helicopter battery. (see instruction above)
Helicopter land too fast.	You loose the throttle stick or pull it sown too fast.	Slowly pull down the throttle till the chopper landing smoothly.

CAUTION

1. The control distance will shorter when the quantity of electricity is not full.
2.When the quantity of the electricity of the helicopter is not full, the helicopter will launch difficulty or the height of fly is not enough.
3.If the helicopter become damaged, deformation, please repaired in time. If the rotor become damaged or broken, do not fly, otherwise, it will lead to injury.
4.If you don't use the transmitter for a long time. Remove all batteries out, in order to avoid the battery leakage to damage this product.
5.Don't drop the helicopter from high position or crash it seriously, because that will damage it seriously or shorten the using time.

動力電池充使用說明

為動力電池充電:
1.將適配器直流10V輸出口插入電池盒輸入插座，這時充電盒上的紅燈亮.
2.將動力電池三脚插插入充電盒輸出端上的插座，需緊緊收滿時，動力電池電量達到100%，這時充電結束。（注意：如果動力電池插到充電盒上，隨機加電燈，這表明該電池為滿電，不需再充電）

注意
1.確保充電器的電壓和插頭應符合你實驗的標準.
2.充電時，如電池過熱，表示過分充電，對電池有損害，嚴重時造成電池永久損壞.
請立即停止充電.
3.充電時，人員切勿離開.
4.本充電方式並用反過的平衡充電方式，為安全充電方式，不要隨便改用其它
充電器為動力電池充電，以免發生爆炸的危險.
5.在飛機剛剛完成飛行後，電池溫度較高最好等候30分鐘左右待電池冷却後再給動力電池充電，否則會損壞電池.
6.不要把電池投入火裏，以免發生爆炸的危險.

注　意 ⚠
如果不飛行直升機時候，請把開關按向OFF以防電池過放電，如果連續當作沒來玩耍，有可能會因長時間的電費消耗而導致過放電

飛行前環境

1.在溫暖晴朗沒風的天氣飛行.
① 切勿在氣溫極端的天氣飛行：
切勿在溫度高于華氏113度天氣飛行；
在過熱或過冷的天氣下飛行會影響飛行效果或損壞機型.
② 切勿在強風的天氣飛行
強風會對飛行造成局限，或會損壞你的飛行控制.
在強風的情況下飛行，你的直升機會不知所云或令它損壞.
2.選擇在室內或開闊處飛行,非詩曠認得沒有無障礙物，閒雜及人.

CONTROL METHOD

Ascend	When you push up the left stick (throttle stick,) the spinning speed of the main rotor blade is increase and the helicopter begin to ascend.	
Descend	When you pull down left stick (throttle stick,) the spinning speed of the main rotor blade is decrease and the helicopter begin to descend.	
Steering	1.When the right stick(rudder stick)is moving to left, the head of the helicopter turns to left. 2.Whe the right stick (rudder stick)is moving to. right, the head of the helicopter turns to right.	
Forward	When you push up the right control lever (steering rudder), the nose incline to down, the helicopter is moving to forward	
Backward	When you push down the right control lever (steering rudder), the nose incline to up, the helicopter is moving to backward .	

SPECIAL PROMPT

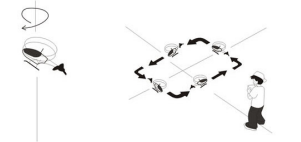
If helicopter flies, rotating in the air without pulling control stick, then you can stop the fly, use screw driver to adjust the potentiometer on chopper circuit board lightly till it is steady. then adjust the hard adjustment till it stop revolving. (If helicopter is revolving in the air yet you do not make action to the rudder, you can use the fine-turn-button on it to make helicopter stop revolving and back to the balance. If head of helicopter rotates clockwise, slowly touch fine-turn-button left of the rudder to keep it balance, and vice versa. But when this adjust action is useless, make helicopter landing, turn off the power on it. Then you turn on the power of helicopter and launch it, adjust the fine-turn-button again.)

NOTICE:
When the airplane away from the ground in 30cm position, the helicopter will suffer to floor position. This phenomenon is available, we call it "effect response", when the helicopter weight lower, and the "effect response" affect will be bigger.

If head of helicopter rotates anticlockwise, Continuous slowly touch the right fine-turn-button to keep the helicopter's balance.	
If head of helicopter rotates clockwise, Continuous slowly touch the left fine-turn-button to keep the helicopter's balance.	

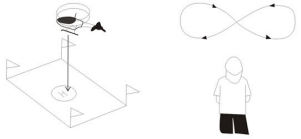
飛行練習

經過足够的練習後，嘗試以下飛行練習。



定點旋轉（方向旋轉）

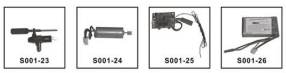
一直向前-左轉-向前-左轉-向前-左轉，練習飛行一個方形圖案，反復練習，逐漸的練習飛行一個圓形。



在指定地點着陸（定點着陸）

（數字8飛行）

S001-20 Chopper tail unit Module | S001-21 Motor Spread hot machine | S001-22 Charger



S001-23 Tail rotor rack Module | S001-24 Front motor set | S001-25 PCB box | S001-26 Lithium-ion pol ymer battery

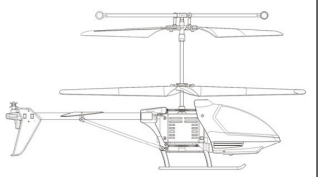
Remark:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NO.S001

S-001 R/C Helicopter

遥控直升機使用説明書



1.智能化控制系統。
2.全比例遥控。
3.360度準確定向。
4.平滑懸空性能。
5.新研發節電功能。
6.呵護電池模式，延長使用壽命。

主旋槳直徑:	340毫米
長度:	375毫米
機身高:	175毫米
電池:	7.4V聚合鋰離子電池