

... S013 ...

To avoid copter's damage and player's injury, please read this instruction before flying!



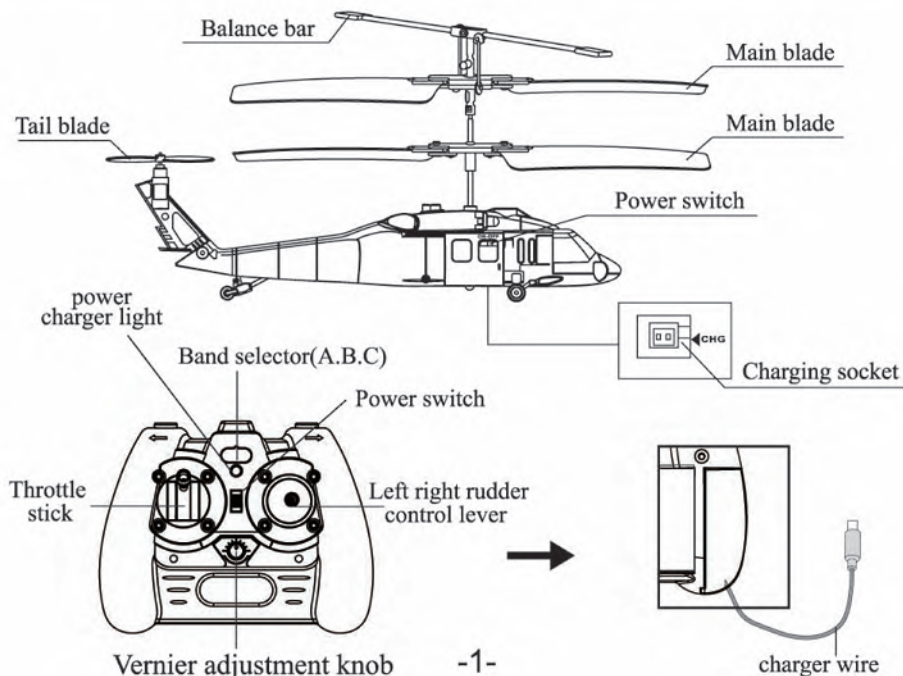
Black Hawk

MINI HELICOPTER



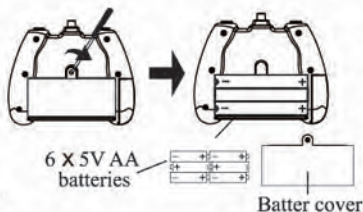
NO.S013 R/C HELICOPTER USING INSTRUCTION

PACK LIST



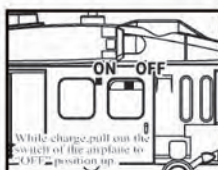
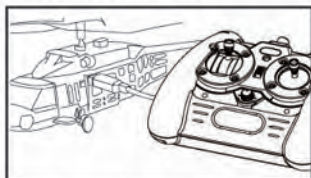
BATTERY INSTALLATION & CHARGING

Battery Installation-Transmitter



Open the cover of battery case insert 6 batteries (size AA) properly followed by polar indicator, shut the cover of battery case.

Charging Helicopter



The helicopter can have about 5-6 minutes of flight time after 20-30 minutes charging

1. Pull out the cover and take out the charging wire.
2. Turn off the power of helicopter. Insert the charging plug into the socket on the helicopter.
3. The LED will light up when charging, if completed, the LED will turn off. Put the plug out of the socket on helicopter.

NOTICE: when the controller is in electrification, the controller LED turns light, when in charging, the controller is twinkling

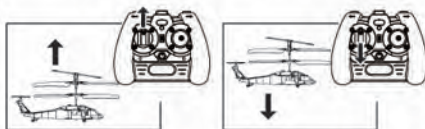
While the indicator of the controller is sparkle, which shows the controller is lack of power. And you can change some batteries for it.

FLYING YOUR HELICOPTER

- Set the band on transmitter the same to the helicopter.
- Set the ON/OFF switch on helicopter to ON, the power indicator will light up.
- Place the helicopter in the ground with the tail point towards you and nose facing away from you.
- when helicopter receives the transmit, the LED of circuit board turns light

Hover up and down

When the helicopter flies steadily, you can slowly push the throttle stick up to make helicopter fly higher, or release the stick a bit to make helicopter fly lower. Only small amounts of stick position change are required for smooth flying.



Turn counter clockwise and clockwise

Hold the helicopter at a height. Push the rudder stick toward left to turn counter clockwise, and push the rudder stick toward right to turn clockwise.



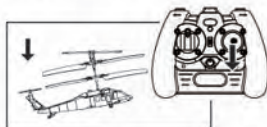
Forward

When you push up the right control lever (steering rudder), the nose incline to down, the helicopter is moving to forward.



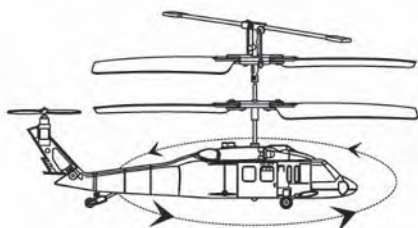
Backward

When you push down the right control lever (steering rudder), the nose incline to up, the helicopter is moving to backward.



Note: helicopter rotates while in operation, please use the rudder trim to adjust.

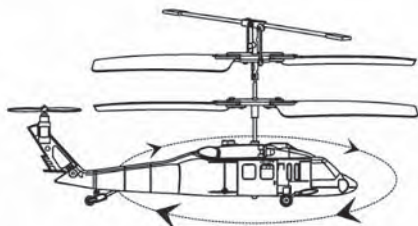
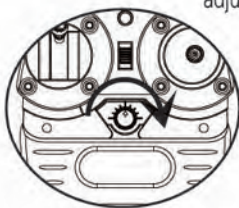
In if the flight does not have the impetus to change the operating lever, but the helicopter still in airborne spun, by now might adjust in your hand on remote control's vernier adjustment knob, balanced does not spin until the helicopter.



Helicopter rotates anticlockwise

When the airplane tail presents the counterclockwise rotation, you may the clockwise rotation you in the hand the remote control vernier adjustment knob until balanced.
Note: The tail fin aims at the operator

Clockwise rotation vernier adjustment knob



Helicopter rotates clockwise

When the airplane tail presents the clockwise rotation, you may the counterclockwise rotation you in the hand the remote control vernier adjustment knob until balanced.
Note: The tail fin aims at the operator

Counterclockwise rotation vernier adjustment knob



OPERATION:

- * Don't operate the helicopter under the direct sun or strong lighting; it will affect the control system of your helicopter.
- * Don't cover the lens of the transmitter. No signal will be released while you cover the lens.
- * Don't stick any other label onto the helicopter; the other label will affect receiving of IR signal.

ENVIRONMENT FOR FLIGHT:

1. Indoor environment with calm air condition. Beware of the air circulation from the air-conditioner.
2. Space area: It is recommended to have space area over 20ft(W) x 30ft(L) x 10ft(H).
3. Safety area: It is recommended that there is no electric fan, air-conditioner, reading lamp or other dangerous objects to flying.

PARTS ARE ALTERNATIVE

Items to be purchased are lined below. You can order them by their item numbers, purchase them from local distributors.



S013-01
Main frame



S013-02
Machine window and Decoration



S013-03
Airframe



S013-04
Gear A



S013-05
Gear B



S013-06
Inner shaft



S013-07
Main blade A



S013-08
Main blade B



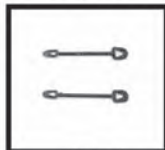
S013-09
Machine tail



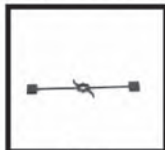
S013-10
Top blade grip set



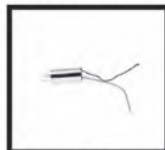
S013-11
Partial Main blade grip set



S013-12
Connect buckle



S013-13
Balance bar



S013-14
Motor



S013-15
Tail motor set



S013-15
Circuit board



S013-16
3.7V Li-Poly

... S013 ...

為了避免直升機的損壞、傷及自己或他人，在使用之前，請仔細閱讀本說明書。

Black Hawk

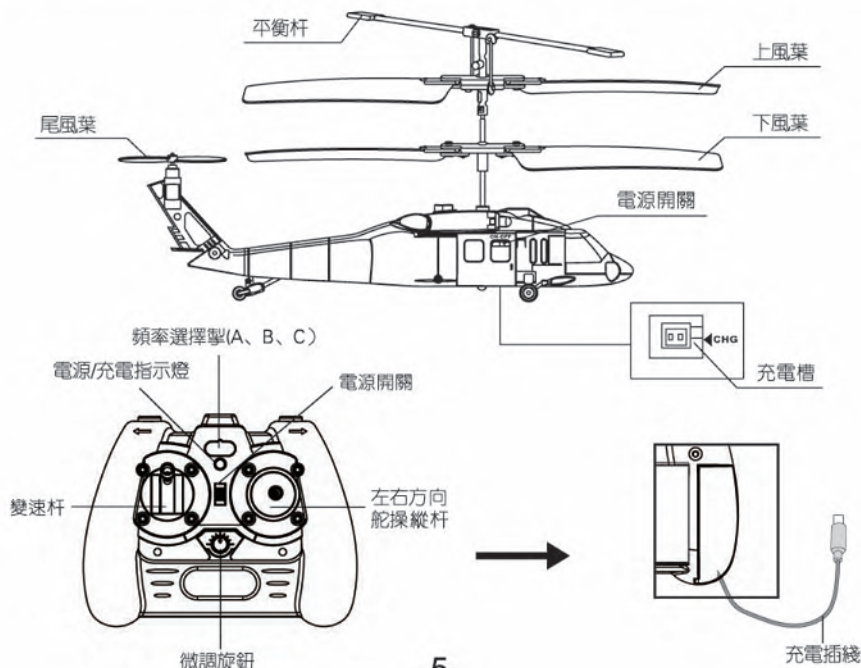
MINI HELICOPTER



NO.S013

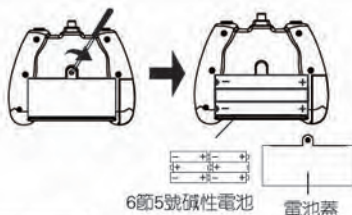
遙控直升機使用說明書

組件名稱



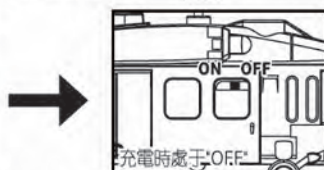
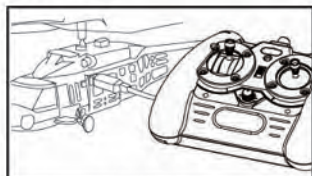
電池安裝及充電

遙控器電池安裝



打開電池蓋依照電池箱內的電極指示正確的裝6節“AA”電池
再蓋上電池蓋

給飛機充電



充電二十到三十
分鐘後可飛行約
五至六分鐘

- 1、拉下遙控器上的充電門蓋并取出充電綫。
- 2、將直升機上的開關掣拔到關的位置，再將充電插頭插在直升機的充電座上。
- 3、充電時LED指示燈由常亮轉為閃亮狀態，電池充滿電後 LED指示燈停止閃動，此時將充電插頭從直升機上的充電座拔出。

注意：遙控器通電時電源指示燈為常亮狀態，充電時為閃亮狀態。

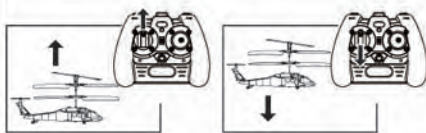
如果遙控器指示燈出現閃亮狀態，表示電池電量不足，此時 你必須為你的遙控器更換電池。

駕駛你的直升機

- 將遙控器的頻率調較至和直升機相同。
- 將直升機上的開關掣拔至“ON”上，電源指示燈會常亮。
- 將直升機放於地上并把直升機尾部朝向操作者。
- 當直升機接收到發射信號時，接收板指示燈為閃亮狀態。

上盤旋和下盤旋：

當直升機飛行穩定時，你可以慢慢地將變速杆向上推，直升機便會飛高。或將變速杆微微拉下，直升機便會向下飛行。要平穩飛行，祇需微微控制變速杆



順時針轉和逆時針轉：

將方向杆推向左邊直升機便會逆時針轉
將方向杆推向右邊直升機便會順時針轉。



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。



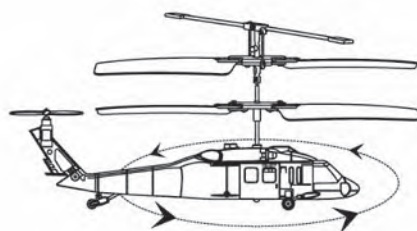
後退

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。



注：當操作前進或後退飛機出現打轉，你同時可用方向舵來修正航線。

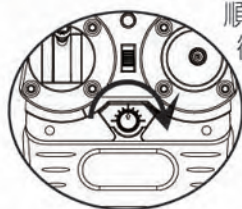
飛行中如果沒有推動轉向操作杆，但直升機仍然在空中打轉，這時可以調整你手中遙控器上的微調旋鈕，直到直升機平衡不打轉為止。



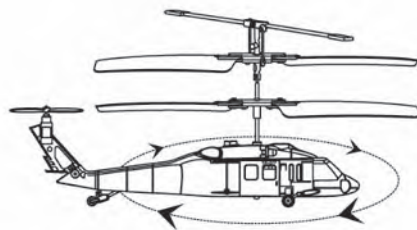
逆時針旋轉

機尾出現逆時針旋轉時，你可以順時針旋轉你手中遙控器微調旋鈕直至平衡。

注：機尾朝向操控者



順時針旋轉
微調旋鈕



順時針旋轉

機尾出現順時針旋轉時，你可以逆時針旋轉你手中遙控器微調旋鈕直至平衡。

注：機尾朝向操控者



逆時針旋轉
微調旋鈕

操作指示：

- *.切勿在有陽光直接照射下或有強烈光線的地方操作此玩具，這會影響直升機的控制系統。
- *.切勿遮蓋遙控器上的透鏡位，訊號有可能因此而不能接收。
- *.切勿在直升機上帖上其他貼紙，因有可能影響紅外線訊號接收。

飛行環境：

- 1.平靜氣流的室內環境。請注意冷氣機引起的氣流。
- 2.空曠地方。建議地方面積超過20尺（闊）X 30尺（闊）X 10尺（高）。
- 3.安全地方。極力建議在沒有風扇、冷氣機、臺燈或其他危險物件等的地方駕駛此玩具。

配件（選購）

下列是可供選擇的配件，為方便客戶選購，特出每個部件、可通過當地的經銷商購買配件。



S013-01
主架



S013-02
機窗及飾件



S013-03
機身



S013-04
齒輪A



S013-05
齒輪B



S013-06
主旋軸組件



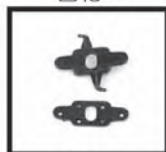
S013-07
上風葉



S013-08
下風葉



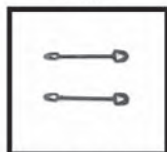
S013-09
尾風葉



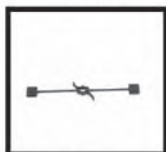
S013-10
上風葉壓件



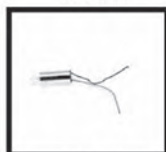
S013-11
下風葉壓件



S013-12
鎖扣



S013-13
平衡杆



S013-14
主電機



S013-15
尾電機



S013-16
電路板



S013-17
聚合物鋰離子電池