DOMINATOR TREX 650X INSTRUCTION MANUAL

ALIGN



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Thank you for purchasing Align products. Please read the manual carefully before installing and be sure to retain the manual for future reference. All pictures shown are for Illustrative purpose only. Actual product may vary due to product enhancement. Specifications, contents of parts and availability are subject to change, ALIGN RC is not responsible for inadvertent errors in this publications.

承蒙閣下漢用亞拓遙控世界系列產品,謹表謝意。使用前,請務必詳閱本說 明書,相信一定能夠給您帶來相當大的幫助,也請您妥善保管這本說明書, 以做為日後參考。本公司將不對此印刷物之異動負責,也無法主動通知消費 者任何更新或異動。所有圖片僅用於展示目的。產品可能因改良而有些不 同。本說明書內記載的材質、規格或零件包裝之內容物如有異動,請依亞拓 官網公告為主。

Thank you for buying ALIGN Products. For further usage and assembling, please read T-REX \$50X Dominator instruction manual carefully. Be sure to retain the manual for future reference, routine maintenance, and tuning. The T-REX \$50X Dominator is a new product developed by ALIGN. It not only provides flying stability for beginners, but also full aerobatic capability for advanced filers. T-REX \$50X Dominator is the best helicopter and best choice for your forms.

感謝認護院还把產品,為了讓您容易方使的使用 T-REX 650X Dominator 直昇機,講您詳細的跨價完這本說明書後再進行組裝以及操作,同時請您安善祭仔作為 日後獲行調整以及維修的參考 - T-REX 650X Dominator 是由亞斯自行研查的新產品,不論您是需求飛行穩定性的初季省或是並求性能的飛行變好者。 - T-REX 650X Dominator 無偿時機能的課章。

WARNING LABEL LEGEND 類註代表添雜



Do not attempt under any circumstances. 在任何禁止的環境下,請勿嘗賦操作。



Mishandling due to failure to follow these instructions may result in damage or injury. 因為確認複數學作物與,而使用鍵線可能強成財產指生物器管備書。



Mishandling due to failure to follow these instructions may result in danger. 因為婆您這些操作的明,而使用錯誤可能透成份驗。

IMPORTANT NOTES 新亜酸田

RIC helicopters, including the T-REX 650X Dominator are not toys. RIC helicopter utilize various, in high-tech products and technologies to provide superior profromance, Improper use of this products and such in service in the provide superior profromance. Improper use of this product and unaul carefully before using and make sure to be conscious of your evan personal safety of others and your merior ment when poerting all ALIOS products. Manufacturer and selfer is sume no labelity for the operation or there use of this product is intended for use only by adults with experience flying remote control leplopters at a legal flying field. After the sale of this product manufacturer and selfer cannot maintain any vocation over its operation or the use of this product manufacturer and selfer cannot maintain any vocation over its operation or use.

As the user of this product, you are solely responsible for operating it in a manner that does not endanger yourself and others or result in damage to the product or the property of others.

做為本產品的使用者,您,是唯一對於您自己操作的環境及行為負金部的責任之人。

We recommend that you obtain the assistance of an experienced pilot before attempting to fly our products for the first time. A local expert is the best way to properly assemble, setup, and fly your model for the first time. The T-REX 650X Dominator requires a certain degree of skill to operate, and is a consumer item. Any damage or dissatisfaction as a result of accidents or modifications are not covered by any warrantee and cannot be returned for repair or replacement. Please contact our distributors for free technical consultation and parts discounted rates when you experience problems during operation or maintenance. As Align Corporation Limited has no control over use, setup, final assembly, modification or misuse, no liability shall be assumed nor accepted for any resulting damage or injury. By the act of use, setup or assembly, the user accepts all resulting liability.

等一个審核以本是先之前,建設即等計算疑的的時人與短前時期。根据、改定和原理、根型學是關於重義時計算且為为條任之角色,如實所及使用使、管理 成不申報報等申請,任何使用核反於經過表不成等不需。根据社会保留時代申提供的表现是,以而獲得用無計構整理等。本公司會会公司代代理解 提供的經濟等。特價等代用經濟等,可使用核心不等地們、投下、組長、低下、或條件不同所造成的機造成兩等。本公司會立改換及負責。任何使用、設定、線 表、後次、受機等人所得的認定的認識。是的保護等。但但是經濟學的問題。

SAFETY NOTES 安全注意事項

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RIC helicopters and airplanes require highly attention and cautions. Fly only in safe areas, away from other people. Do not
operate RIC aircraft within the vicinity of homes or crowds of people. RIC aircraft are prone to accidents, failures, and crashes
due to a variety of reasons including, lack of maintenance, pilot error, and radio interference. Pilots are responsible for their
actions and damage or injury occurring during the operation or as of a result of RIC aircraft models.

Prior to every flight, carefully check rotor head spindle shaft screws and tail blade grip screws, linkage balls and screws, ensure
they are firmly secured.

·施尼德·加纳·克耳·腾腾岛危险性奇名。所行等感必遇到人数,从初祖兵不需或操作措度。笔子控制投稿不良,以及操投上的不熟悉、都有可能等致飛行失控 消傷等不可預期的意外,揭稿行者扬必注意高行交全,准局了解自员威忽所造成任何意分之實在 · 每周所行為所使用性 ;上茂度更及性機関熱等,促促度更处機器;以及患身各部心证益,缓转,强富上醋聚菜才能升空飛行。 R/C helicopters fly at high speed, thus posing a certain potential danger. Choose a legal flying field consisting of flat, smooth ground without obstacles. Do not fly near buildings, high voltage cables, or trees to ensure the safety of yourself, others and your model. Do not fly your model in inclement weather, such as rain, wind,

直昇機飛行時具有一定的速度,也潛在眷危線性,堪比的選擇非常重要,請遵守當地法規,並在空曠合 法專屬飛行場地飛行,注意閱讀有沒有人、高樓、建築物、高鐵鐵線、樹木等等,接免不當的操控造成 自己與他人財產的損寒。請勿在下稱、打雷等延失失敗下操作,以確保本身及機體的安全。



○ FORBIDER NOTE ON LITHIUM POLYMER BATTERIES 網際電池注意事項

Lithium Polymer batteries are significantly more volatile than alkaline or Ni-Cd/Ni-MH batteries used in RC applications. Always follow closely the manufacturer's instructions and warnings when disposing of Lithium Polymer batteries. Mishandling of Li-Po batteries can result in fire.

發聚電池跟一般在RC使用的鹼性電池、鏡網電池、鏡區電池比較起來是相對危險的。請嚴格遵守經聚 電池說明書之使用注意事項。不恰當使用鍵聚電池,可能造成火災並偏及生命財產安全,切勿大意!



snow or darkness

R/C models are composed of many precision electrical components. It is critical to keep the model and associated equipment away from moisture and other contaminants. Do not operate

or expose to rain or moisture. The exposure to water or moisture in any form can cause the model to malfunction resulting in loss of use, or a crash.

直昇機內部也是由許多精密的電子等組件組成,所以必須絕對的防止潮濕或水氣,避免在浴室或兩天時使用,防止水氣進入機身內即而獨致機件及電子客件故障而引發不可賴期的蓋外!



PROPER OPERATION 勿不當使用本產品

Please use the replacement of parts on the manual to ensure the safety of instructors. This product is for R/C model, so do notuse for other purpose. 简为自行改强加工,任何的升极农衰或能够,简使用仍还是品目数中的零件,以确保结构的安全。请被国际各种风景中,该为通数等用,该为国际分全、许多负责专注计算证。



▲ WARNING OBTAIN THE ASSISTANCE OF AN EXPERIENCED PILOT 避免獨自操控

Before turning on your model and transmitter, check to make sure no one else is operating on the same frequency. Frequency Interference can cause your model, or other models to crash. The guidance provided by an experienced pilot will be invaluable for the assembly, tuning, trimming, and actual first flight or unforescen danger my happen. (Recommend you to practice with computer-based flight simple in My happen. (Recommend you to practice with computer-based flight).

平飛行場所では、常認実足を行相回解型の呼び正迭行所で、因為順点は日頻率の急間減減緩緩緩 東側化、江口は一等量が改称。基本技術機能技術工程等級可向者第一点の機能、重要量量及発用は対 行・需当能機的人士在実際機・才可以接換飛行・舌頭所可能過減不可預期的最外發生・(動減電路模 整理及支手を建設と入門の影响機能



▲ WARNING SAFE OPERATION 安全操作

Operate this unit within your ability. Do not fly under tired condition and improper operation may cause in danger. Never take your eyes off the model or leave it unattended while it is turned on. Immediately turn off the model and transmitter when you have landed the model.

請於自己能力內及需要一定技術範圍內操作這台直昇機,過於疲勞、精神不佳或不當操作,意外發生風 廢將可能會提高。不可在觀線範團外進行,隨落後也讓馬上關植直昇機和遙控器電源。



↑ CAUTION ALWAYS BE AWARE OF THE ROTATING BLADES 遠離運轉中零件

During the operation of the helicopter, the main rotor and tail rotor will be spinning at a high rate of speed. The blades are capable of inflicting serious bodily injury and damage to the environment. Be conscious of your actions, and careful to keep your face, eyes, hands, and loose clothing away from the blades. Always fly the model a safe distance from yourself and others, as well as surrounding objects.

直昇機主旋翼與尾旋翼運轉時會以高轉速下進行,在高轉速下的旋翼會造成自己與能人在身體上或環境上的嚴重損傷,請勿觸接運轉中的主旋翼與尾旋翼,並保持安全距離以避免造成危險及損壞。



↑ CAUTION KEEP AWAY FROM HEAT 遠離熱源





Transmitter(6-channel or more, Helicopter system) 發射器 (六數以上直昇機構式進控器)



Intelligent Balance Charger RCC-6CX 智慧型分配充盈器 RCC-6CX



RCC-300 Battery Charger RCC-300 完置終



Receiver(6-channel or more) 提収器(六動以上)



Remote Receiver 衛星天線

[HET80001]



22.2V 6S~12S 3300~6000mAh Li-Po Battery x 2 pcs 22.2V 6S~12S 3300~6000mAh Li-Po 電池 x 2

ADDITIONAL TOOLS REQUIRED FOR ASSEMBLY 自備工具



十字像校正器

Philips Screw Driver

十字螺絲匙子 ф 3.0/ ф 1.8mm





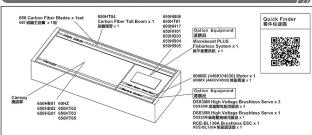




野門屋 潤滑油

Cutter Knife 刀子 PACKAGE ILLUSTRATION 包裝說明

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There are many versions of T-REX 650X Dominator for your choice. The Super Combo includes additional electronics and other equipment. The Instruction Manual will refer to the T-REX 560X Dominator Super Combo. You may purchase any additional Items referenced in the instruction manual or any spare parts for other 650X Dominator version by referring to more product information in this manual.

T-REX 650X Dominator系列商品有多權版本可作為選擇,除標準配備會 因您購買的商品版本而有些徵不同,在絕發、設定上都是一致的,在此我 們以以中C Combo作為操作範例,您也可依照書面上的商品資訊來增添其 供養機能品。





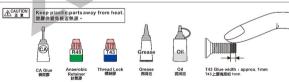


CAREFULLY INSPECT BEFORE REAL FLIGHT 請嚴格執行飛行前之檢查義務

- Before flying, please check to make sure no one else is operating on the same frequency for the safety.
- Before flight, please check if the battery capacity of transmitter and receiver are enough for the flight.
- Before turn on the transmitter, please check if the throttle stick is at the bottom position. Autorotation and IDLE switch is OFF,
- · When turn off the unit, please follow the power on/off procedure. Power ON- Please turn on the transmitter first, and then turn on receiver. Power OFF- Please turn off the receiver first and then turn off the transmitter. Improper procedure may cause out of control, so please to have this correct habit.
- · Before operation, check every movement is smooth and directions are correct. Carefully inspect servos for interference and broken gear to prevent unexpected danger due to broken servos.
- · Check for missing or loose screws and nuts. See if there is any cracked and incomplete assembly of parts. Carefully check main rotor blades and rotor holders. Broken and premature failures of parts possibly cause a dangerous situation.
- Check all ball links to avoid excess play and replace as needed. Failure to do so will result in poor flight stability.
- Check if the battery and power plug are fastened. Vibration and violent flight may cause the plug loose and result in out of control
- 每次飛行前廠先確認所使用的標案要否會干傷他人,以確保您自身與他人的安全。
- 每次飛行前確定您發射器與接收器電池的電量是在足夠飛行的狀態。
- · 驅搏前確認油門搖桿是否位於最低點,熄火降落開闢,定速開闢(IDLE)是否於關閉位置。
- · 縣機府必須遵守電姿開幕機的程序,開機時應先開啟發射器後,再開啟接収器電源;縣機時應先關閉接収器後,再縣開發射器電源。不正確的開關程序可能會 造失控的现象,影響自身與他人的安全,請養成正確的習慣。
- · 開機講先確定直昇機的各個動作是否順經,及方向是否正確,並檢查伺服器的動作是否有干涉或崩齒的情形,使用故障的伺服器將導致不可預期的怠檢。 飛行前確認沒有缺少或器說的螺絲與螺帽,確認沒有組裝不完整或損毀的零件,仔細檢查主說實是否有損壞,特別是接近主說實來座的部位。損壞或組裝不完
- 整的零件不僅影響飛行,更會造成不可預期的危險。注意:每次熟行前的安全檢查、侵養、及更換損耗零件,請將實際格裝行以確保安全。 检查所有的連择碼是否有點點的情形,過點的連桿攝應先更新,否則將造成直昇機無法操控的危險。
- 確認書池及書資採頭果否因定定數,再行由的書數可能列的再行,可能決成書資採頭數數而決成生控的份額。
- When you see the marks as below, please use relative glue or grease to ensure flying safety. 標有以下符號之組裝步驟,請配合上腳或上油,以確保鎖附零件使用之可靠度。
 - OIL: Add small amount of OIL.

 物海油: 添加油量物海油
- · Grease: Add small amount of Grease. R48: Apply small amount of Anaerobic Retainer to fix. 幼気器: 使用油量均匀器固定
 - 错误油:添加速無谱導油
- T43: Apply small amount of Thread Lock to fix. 螺絲器: 使用適量螺絲器

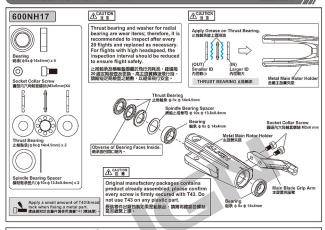
When assembling ball links, make sure the "A" character faces outside. 各項證據製漆桿頭扣接持, "A"字牘朝外。



- 1. Anaerobic Retainer (R48)is green penetrating threadlocker and is used to fix the metal tube before assembly at temperatures up to +180°C
- 2.Thread Lock(T43) is blue low strength threadlocker and is applied to the small screw(threads) or metal parts before assembly to prevent loosening. Ensure to apply only a small amount and wipe surplus off. When disassembling, recommend to heat the metalioint about 15 Seconds.
- 3. Grease is kind of lubricant additive which is applied to the one-way bearings or thrust bearing.

@Based on parts physical attributes, please apply small amount of the relative glue or grease accordingly to prevent any parts damage or loosening or unexpected danger happened.

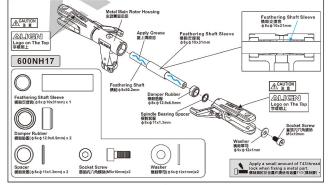
- 1.缺氧器 (R48) 為綠色高強度快速固化的較氣器,適合於金屬管狀固定用,可耐蒸溫至180°C。
 2.模絲器 (T43) 為歐色低強度轉絲器,適合小型模絲;使用於金屬內外徑或聯合螺絲餅,隨務必適響使用,必要時續用手去給多餘器量,欲拆卸
- 時可於金屬接合部位熟烤約 15 秒。 3.潤滑油 (Grease) 為屬狀潤滑油,適用於單向帕承或止推輸承。
- ②上述名類功能關(油)建依零件量件要求自行進備並斟酌其用量,以強對長佳組裝款隊,發免因使用不當造成零件指應或不可預期的意外發生。

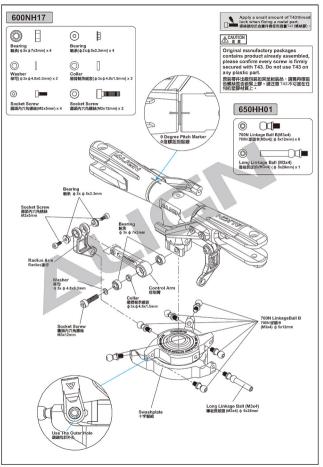


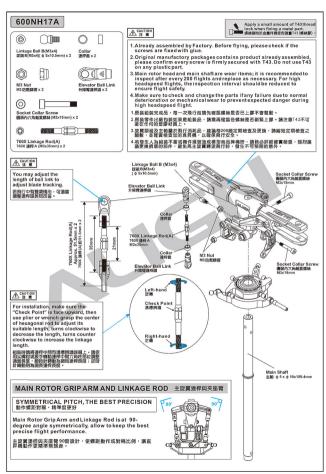


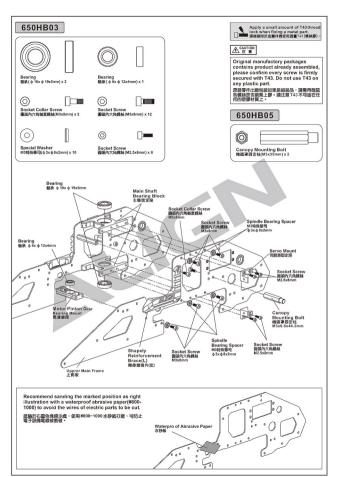
The feathering shaft and feathering shaft socket screws are wear items, and thus should be inspected for replacement after every 100 flights. For flights with high head speed, the inspection interval should be reduced to ensure flight safety.

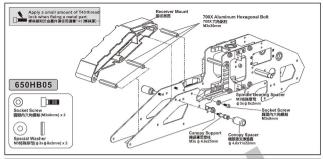
主旋翼横軸組、横軸和横軸螺絲屬於飛行消耗品,建踏每100指定期檢查及更換,高主旋翼轉速飛行時,調縮短定期檢查之趨數,以確保飛行安全。

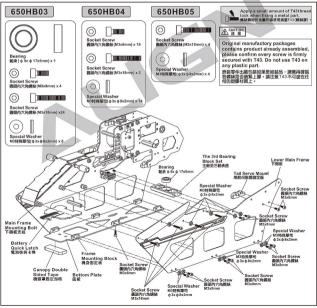












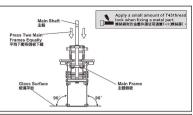
CAUTION #

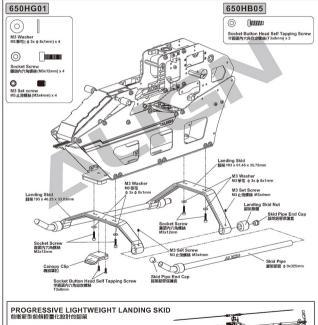
Main frame assembly key point :

First do not fully tighten the screws of main frames and put three bearings through the main shaft to check if the movements are smooth. The bottom bracket must be firmly touched the level table top(glass surface); please keep the smooth movements on main shaft and level bottom bracket, then slowly tighten the screws. This assembly can help for the power and flight performance.

機身側板組立重點: 個板螺絡先不完全鎮整,放入=

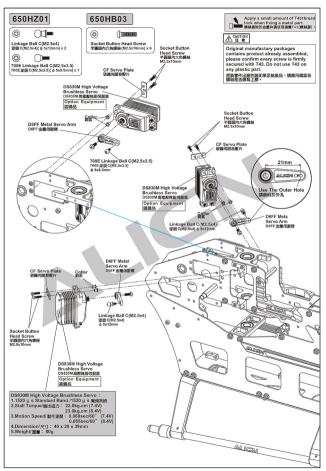
側板螺絲先不完全頻繁,放入主轄買穿三顆軸承確認上下移動必需 滑順,主體壓板必須與水平桌面(玻璃平面)器實製店;請保持主軸 滑順與底板平行桌面後懷傳湖緊螺絲。正確侧板的組裝對動力與飛 行性終海顧唇驅動。

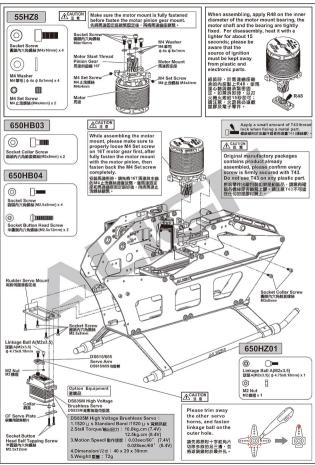


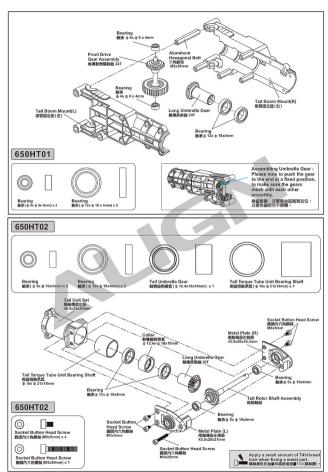


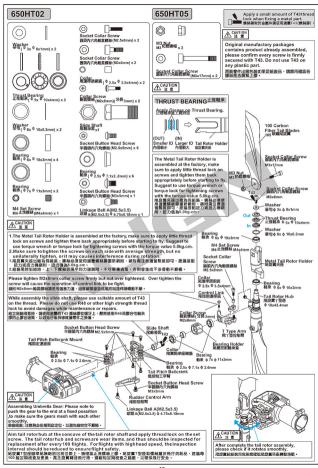
Landing skid is tilted 5 degree forward which improves crashworthiness. 新型腳架質輕耐撞擊,為前領 5 度倍衡設計。

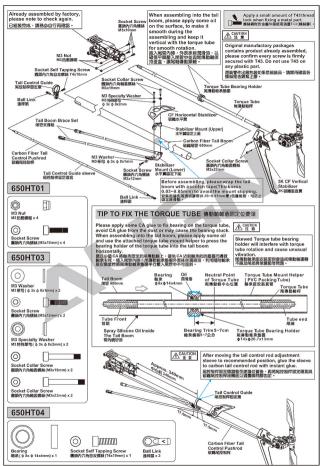


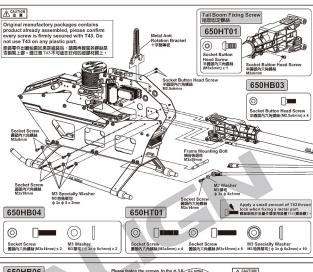


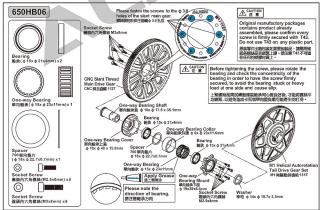


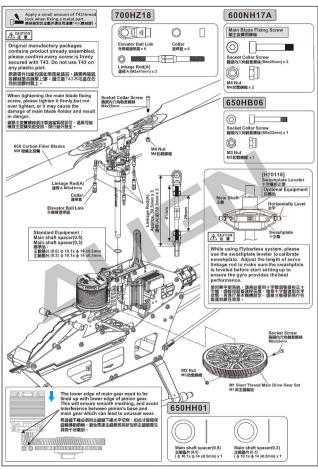












A CAUTION 注意

Please visit Align download area to get the completed instruction

manual at Align website. 更多詳細的設定操作說明請至官網下載專區下載。

http://www.align.com.tw/beastx/

Microbeast PLUS provides 8 different direction choices can be installed on any position of helicopter.

Microbeast PLUS提供8種不同方向選擇,可以安裝在機體的任何一個位置。

THE COLOR OF THE STATUS-LED SHOWS THE CURRENTLY SELECTED ORIENTATION: I FD旅示修計館額示中能方向:



Status LED Off

MOUNTING ORIENTATION OF MICROBEAST PLUS



Status-LED 俊

製色関係







MICROBEAST PLUS的安装方向

Status LED Purple Status-LED 燈紫色



Status-LED 煅熄凝*







紅色/藍色同時閃爆

Status-LED 偿

紅色規模

Status LED Flashing Red/Blue Status J. FD 49



Apply a small amount of T43 thre lock when fixing a metal part. 螺絲鎖附於金屬件調使用適豐T43(螺絲膠)。

Original manufactory packages contains product already assembled, please confirm every screw is firmly secured with T43. Do not use T43 on any plastic part.

原裝零件出廠包裝如果是組裝品,請需再確認 各螺絲是否額緊上膠。請注度 T43 不可塗在任 何的塑膠材質上。

Front 機頭方向

*Factory Setting *出廠預設值

選購品

Option Equipment RCE-BL130A Brushless ESC RCE-BL130A無別調漆網

選購品 Microheast PI IIS Flybarless System 無平衡雙系統

Option Equipment

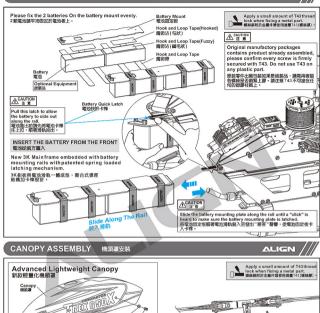
企AUTION 注意 The ideal location to mount the ESC, if the

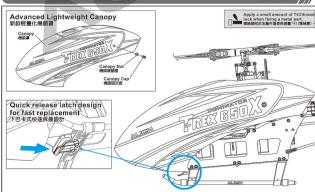
gryo is mounted in suggested position 1, is as far forward as necessary to avoid any contact with gryo. The top of the ESC (fan) should be as close as possible to the opening located at the top of the canopy's front window. This allows air flow to pass over the ESC, improving the efficiency of heat dissipation. Failure to mount in this location may affect flight performance due to excessive heat by the ESC. 無房期速寒安装時,建隨審量往上安裝固定,散熱效 果裝好:安裝位置過低可能會因機設置蓋散熱不值, 導致無周測速器過熱而影響飛行性能。

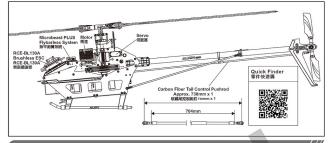
> Hook and Loop Tape(Fuzzy) 魔術沾(職毛狀)

Hook and Loop Tape(Hooked) 魔衛沾(勾狀)

總級器器







MICROBEAST PLUS FLYBARLESS MANUAL

無平衡實系統使用說明

ALIGN

MICROBEAST PLUS Flybarless System as ALIGN helicopter standard equipment, must be compatible with ALIGN standard equipment including blades, servos, motor, battery and so on, please refer to flight and setup instruction in this manual.

ALIGN 直昇機使用 MICROBEAST PLUS 無平衡翼系統,須搭配 ALIGN 直昇機標準配件(主旋翼、伺服器、馬達)與飛行操作、設定指示。

USER NOTICE 使用注意事項



- 1.If assembling and operating the helicopter without using ALIGN standard equipment, including electronic equipment & blades...etc, please make sure there is a sufficiently large and stable power supply to your helicopter. If there is any abnormal voltage or insufficient power supply, suggest to upgrade the flybaries system to MICROBEAST PLUS HD (Optional) flort better power back up.
- 2. Please refer to BEASTX MICROBEAST PLUS/HD website for MICROBEAST PLUS/HD assembly and setup instruction.
- 3.Any over use, incorrect šetup, missassembly, incorrect modification or misuse will lead to abnormal voltage, electronic deviceadamage, structural interference, and insufficient power supply. Make sure to carefully check-every assembly and setup refer to the manual instruction prior to every flight to prevent any unforeseen danger.
- 1. 安裝、操控您的直昇轉的,如非使用 ALIGN 標準配件 (含電子配件、主旋臂等),請務必確定您的供電系統有足夠的供電能力,如發現電壓異常、供電不足,建驗您升級使用 MICROBEAST PLUS HD 無平衡雙系統(護配),以能確保充足、穩定的接收器電源。
- 2.MICROBEAST PLUS/HD 使用、設定、接線・調整照 BEASTX MICROBEAST PLUS/HD 官方說明。
- 3.任何電子配件、零件的設定、組裝、修改或操作不良所造成的電壓異常、電子零件損壞,即可能造成供電不穩定等問題,每趟飛行前須注意 仔細榜查,防止機件及電子零件故障而引發不可預期的惡外。

MANUAL LINK 粉定操作連結

MICROBEAST PLUS Flybariess System is the latest version out of the factory, please feel at ease using it. You can also link BEAST MICROBEAST PLUS Flybariess System has available some different versions, each version has different programming and function, please make sure your Microbeast version and rest list correct manual carefully before assembly or upgrading, especially you are upgrade from version 42.2 k. of V4.X x by yourself, in order to avoid mistake or loss by any misunderstanding, please be sure had from version 42.2 k. to V4.X x by yourself, in order to avoid mistake or loss by any misunderstanding, please be sure had some control of the control o

MICROBEAST PLUS無平衡質系統,出廠施主程式已是最新版本。您也可以連結至EASTX MICROBEAST PLUS/HD查網查詢。隨時更新最新版。必及各項機能需求。必須及否對持續的能反力能會有所不同,隨確定能的結本並將與核股增數,尤其您是由 V3.2.x 升級管 V.4.x.x ,請務必深入了解版本之間的設定功能,以免錯誤而造成損失,性按定請問問途條似 2.2.x 版及V4.2 版使用說明書。



Please visit Align download area to get the completed instruction manual at Align website.

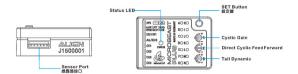
更多詳細的設定操作說明請至官網下載專區下載。 http://www.align.com.tw/beastx/

MICROBEAST PLUS

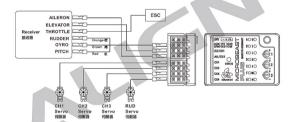
遊購品

PARTS IDENTIFICATION 各部位名稱

MICROBEAST PLUS FLYBARI ESS SYSTEM 無平衡電系統



MICROBEAST PLUS FLYBARLESS SYSTEM WIRING DIAGRAM 無平衡翼系統接線示意圖





For detail connectivity, please scan QR Code then follow MICROBEASTPLUS manual. 詳細接接方式、請得提QR Code 連結至MICROBEAST PLUS說明書。

企CAUTION



Optional Equipment 質選品 MICROBEAST PLUS HDFlybarless System(Optional) MICROBEAST PLUS HD無平衡置系統/漢配)

If assembling and operating the helicopter without using ALIGN standard equipment, including electronic equipments blades..etc, pleasemake sure there is a sufficient large and stable power supply toyour helicopter. If there is any abnormal voltage or insufficient power supply, suggest toupgrade the flybarless system to MICROBEAST PLUS HD (Optional)forbetter power backup. Please referro BEASTX website for MICROBEAST PLUS HD ASSEMBLY and set up instruction.

安装、操炸您的直昇機時,如非使用ALIGN模學起件(含電子配件、主旋費等),請務的確定您的的供氣系統有 足夠的供權部(力,如發地看整理後、供電不足,建國知行務使期间KROBEAST PLUS HDI單中機實系統(置 配),以能確保死足、穩定的被吸表電影。MICROBEAST PLUS HD使用、設定、接線,請參照 MICROBEAST PLUS HDI實方提明。 To set this option is to turn on the transmitter and connect to BEC power.

Note: For the safety, please do not connect ESC to the brushless motor in order to prevent any accident caused by the motor running during the setting.

此項股常只要關政發制器,接上BEC電源即可進行操作。

注音: 為了完全把目,特定前請你不要將無周週清潔與無剛馬達二條榜場上,以命頒絡時段動馬達而發生余錢。

SERVO CONFIGURATION 伺服器配置

Following the servo configuration diagram on right, plug the servos to Gyro. 測板灰色體質的可能跨過解,通知板板接到灰鐵罐。 Front 概念の可 CH3 Servo CH3 Servo CH3 Servo CH3 Servo

ADJUSTMENTS FOR GYRO AND TAIL NEUTRAL SETTING | 乾燥機楽屋置中立動設定機楽 本上にい

Turn off Revolution mixing(RVMX) mode on the transmitter, then set the gain switch on the transmitter and the gyro to non-head lock mode, or disable gain completely. After setting the transmitter, connect the helicopter power and proceed with rudder neutral point setting.

Note: When connecting to the helicopter power, please do not touch tall rudder stick and the helicopter, wait for 3 seconds for grow to enable, and the rudder serve horn should be 90 degrees to the fall serve. Tail pitch silder should be favy on the tail output shaft. This will be the standard rudder neutral point. After completing this setting, set the gain switch back to heading lock mode, with bain at anyound 70%.

發射終內於媒體設定請關限根幹認控模式,並將發射終上的感及開闢與於媒體切至『非鎖定模式』或將於媒體感度關閉。發射終設定完成後接上直昇機電源,即 可進行尾較中立點設置。

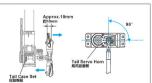
注意:當接上重昇機電源時期仍變動尾蛇搖桿或碰觸機體,符3秒陀螺備開機完成後,尾何級臂震與尾母服器約成 90度,尾旋翼控制起須正確置於尾横軸約中間 位置,酌為經準尾齡中宜點發声,發定完成幾,切豫至「鎖定模式」,應度驗約 70% 左右。

TAIL NEUTRAL SETTING

屋中分點設定

After the gyro is enable and under non-head lock mode, correct setting position of tail servo and tail pitch assembly is as photo. If the tail pitch assembly is not in the middle position, please adjust the length of rudder control rod to

陀螺儀開機後,在非鎖定模式下,尾伺級懸與尾 Pitch控制組正確接置位置。若尾 Pitch控制組正確接置位



HEAD LOCK DIRECTION SETTING OF GYRO

To check the head lock direction of gyro is to move the tail clockwise and the tail servo horn will be trimmed counterclockwise. If it trims in the reverse direction,

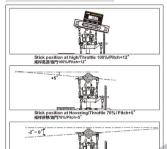
Tail Moving Direction

於螺儀鎖定方向設定

提動限的方面



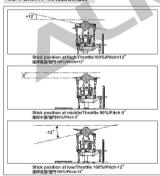
GENERAL FLIGHT 一般飛行模式



/Pitch-2°~0

3D FLIGHT 3D特技飛行模式

Stick position at low/Throttle 0 機構低速/油門0%/Pitch-2*~0*



- ACAUTION 1. Pitch range: Approx. ±14 2. If the pitch is set too high, it will result in shorter
 - flight duration and poor motor performance.

 3. Setting the throttle to provide a higher speed is preferable to increasing the pitch too high.
 - 1.螺距(Pitch)總行程約 ±14°。
 - 2.過大螺距設定,會導致動力與飛行時間降低。 3勘力提昇以較高轉速的設定方式,優於螺距調大的設定。

GENERAL FLIGHT 一般飛行模式

| Т | Throttle 油門 | Pitch 螺旋 |
|---|------------------------------|-------------|
| 5 | 100%High Speed 100%高速 | +12* |
| 4 | 85% | |
| 3 | 60%~65%Hovering 60%~65%伊数 | +5* |
| 2 | 40% | |
| 1 | 0% Low Speed 6%분명 | -2° ~0° |



Pitch and Rotation Speed Pitch與轉速整係 TIP:It is recommended to use a lower pitch setting when using higher RPM\Head speed. This will allow for better power. 排配要領:如果使用較高條款馬達勒力維護 填配配信,則1的,將獲得較佳勢力效策。

IDLE 1:SPORT FLIGHT

| | Throttle 油門 | Pitch 螺距 |
|---|----------------|-------------|
| 5 | 100% | +10*-+12* |
| 4 | 75% | |
| 3 | 70% | +5* |
| 2 | 75% | |
| 1 | 80% | -5* |



IDLE 2:3D FLIGHT

| ihrottle 油門 | | 解距 |
|----------------|----------------------|------|
| 5 | 100% High 100%高 | +12* |
| 3 | 85% Middle 85% cb | 0" |
| 1 | 100% Low | -12° |



RCM-BI 800MX (440KV/4530) MOTOR

RCM-BI 800MX (440KV/4530) 無別馬港

Power and torque requirements of enthusiasts, the high output 800MX motor was born in Align's R&D lab. With dramatic increase in torque and power output, capable of 4440 watts continuous power output and 8800 watts of burst power 800MX Motor has passed various thorough inspections made by our technical department, including motive testing, static testing, magnetic field testing, heat resistance and magnetic loss testing, running balance and vibration testing, noise testing, and many hours of actual loading and flying testing, etc. Align is proud to provide the latest innovations in RC Modeling to its consumers. Please eniov your Alian products safely

亞拓特部針對正愛大勢力、高扭力的需求,研發設計出為複效動力而生的 800MX 馬達,動力輸出原拓力表現大幅視升,持續輸出功率達 4440W, 經間最大輸出功率可達 8800W。本公司生產的高拍力高轉速 800MX 墨蓬,週用於 RC 電動商品,其高功率高效率輸出特性,適合電動飛機/電動百昇機之應拍力高轉速驅動動力用途,速度控制向 现本公司或市镇排稅國國電子變換路。隨子稅用高榜性材料數據策機製而成,完予稅用本屬化自動建設與高級發射能成別保護,耐高級任意動。此餘稅高級保護者 及雙之Z高速精密輸承設計,且經由亞和羅立開發設計技術,使用商品長、效率高、耐藥不易變形、低磁阀、高效能 800 型無風馬達。該項新商品已遇過本廠技能單位,實施 精密嚴格動、靜態、磁場特性、強強耐高溫磁搬、運轉平衡器動及噪音、負數會測飛行動機性能等全項數格檢測。

SPECIFICATION 尺寸規格

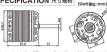
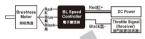


ILLUSTRATION 接線示意圖



The motor rotates in different direction with different brand ESCs. If the wrong rotating direction happens, please switch any two cables to make the motor rotates in right direction. 中於各只除置不變待與的風漆設計讓向不應相同,若發生讓向供養時,體緣風漆與電子變換與的接總仟面條對週期可。

| ку | KV值 | 440KV(RPM/V) | Input Voltage | 輸入電壓 | 12S |
|------------------------|--------|----------------------|---------------------------|--------|----------------|
| Stator Diameter | 定子外徑 | 45 mm | Stator Thickness | 定子高度 | 30mm |
| Stator Arms | 砂鋼片槽數 | 12 | Magnet Poles | 磁銀極數 | 10 |
| Max Continuous Current | 最大持續電流 | 100A | Max Instantaneous Current | 最大瞬間電流 | 200A(2sec/2秒) |
| Max Continuous Power | 最大持續功率 | 4440W | Max Instantaneous Power | 最大瞬間功率 | 8800W(2sec/2秒) |
| Dimension | RA | Shaft #6x56.7x94.5mm | Weight | 重量 | Approx.約 508g |

RCF-BI 130A BRUSHI FSS SPFED CONTROLLER INSTRUCTION MANUAL 無関連決器使用時間 本上によい

PRODUCT FEATURES 產品特色

Option Equipment 200 MR CD.



Express is needed)

RCE-BL130A Brushless ESC can be set up by ALIGN ASBOX Multifunction Programmer, So please scan QR code for ALIGN website start downloading for more information: http://www.align.com.tw/download-en/asbox/ RCE-BL130A無別騰速器可透過ALIGN ASBOX 多功能設定倉準入參數設定,隨橋模QR Code 連結亞柘網的下載相關資訊; http://www.align.com.tw/download-en/asbox

- High performance microprocessor for excellent motor speed-governing and super soft start-up.
- Microprocessor powered by independent IC regulator has better anti-interference performance, which greatly reduces the risk of losing control.
- DEO (Driving Efficiency Optimization) Technology adopted greatly improves throttle response & driving efficiency, reduces ESC temperature.
- New switch-mode BEC with adjustable output voltage ranges from 5V to 8V and peak current of 25A
- · BEC is separated from other circuits of the ESC, it may keep normal output
- even when MOSFET board of the ESC is burnt or breakdown Multiple flight modes: Fixed-wing, Helicopter (Linear Throttle), Helicopter (Elf Governor), Helicopter (Store Governor).
- · New governor program with adjustable governor parameter P/I brings excellent speed-governing function, keep the propeller revs stability when the load changes dramatically.
- Data logging records the standardized RPM, minimum voltage and maximum temperature of the flight.
- · "Auto restart function" can manually interrupt the auto rotation and quickly restart the motor to avoid crashes caused by incorrect operations. · Independent output port for RPM (that is: motor speed) signals. · Separate
- programming port for ESC parameter setup through ALIGN ASBOX Multifunction Programmer. WIFI module for programming the ESC wirelessly with your smart phone (IOS)
- or Android). Allow for data checking, ESC programming, speed curve checking, and firmware upgrade online. (ALIGN ASBOX Multifunction Programmer or WIFI

- 使用高性能效處理器,相容多種無利無達,貝蘭**獨**異的定達和 網內制性能
- 微處理發採用獨立的穩壓IC給供電,具有更好的抗干攝能力, 断低失控的可能性。 ・採用同步整流驅動效率優化技術(DEO + Driving Efficien
- timization),油門回應更快,驅動效率更高,電子調速器 速度面供。
- 使用新的大功率轉替線壓BEC,輸出電壓在5.8V之間可調, 瞬間輸出電流提升至25A。
- · BEC模組和電子調速器其他電路相互発立,當電子讓速器功率 被出現燒毀等故障時,最大限度保證BEC正常輸出,提供敘 模機
- 具有"固定翼模式/直昇機線性油門模式/直昇機定速模式/直昇 機存儲定速模式"4種飛行模式。
- 使用新的直昇機定速程式,定速感度可謂 異的定律效果,在自然含果糖化的轉足下
- 具有娘火蹄落保護功能,在保護時間內可手動中斷塊火蹄落過 幹並快速重要換數無準,新發現失物而發傷。 · 具有轉速 (RPM) 訊號輸出介面。
- ·具備獨立參數設定介面,用於連接多功能LCD專業程式設計 ALIGN ASBOX 多功能設定盒進行參數設定。 支援WIFI無線設定、通過手機器(IOS or Android).數體可完成 所有參數股置(需要WIFI模組)
- · 支援総上贖取、設定電設定數,查看速度曲線表(存儲模式下),升級電子關連器固件(需要LCD參數設定盒或WIFI模組

SPECIFICATIONS 產品規格

| Model | Main Applications | Input Voltage | Cont./Peak Current (10s) | BEC Voltage |
|---------------|--|--|--------------------------|--|
| 型號 | 應用範圍 | 輸入電壓 | 持續橱間(10秒)電流 | BEC電壓 |
| | For 600-700 Class Helicopter (Propeller: 600-700mm) 600-700級電動資昇機(樂長 : 600-700mm) | 6~12S LiPo Battery (22.2V~44.4V) 6~12S鋰電池 (22.2V~44.4V) | 130A/200A | Switch-mode, 5V~8V Adjustable Voltage (Step: 0.1V), 10A/25A Cont./Peak Current 閉聽獨歷BEC・輸出電壓5V~8V可測(調 整個度為0.1V每階)・輸出電流持續 10A・瞬間25A |
| RCE-BL130A | Throttle Signal/BEC Output Wire/ | | Size/Weight | Separate Programming Port |
| Brushless ESC | 油門信號/BEC輸出線/RPM信望 | | 尺寸/重量 | 獨立參數程式設計介面 |
| | White: Throttle Signal Wire Red/Brown: BEC Output W Transmission Wire 白色為油門信號線/紅黑和紅棕 為RPM信號傳輸線 | /ire / Yellow: RPM Signal | 92x45.5x28.5mm/195g | For connecting ALIGN ASBOX Multifunction Programmer, WIFI module, or cooling fan. 用於強接多功能LCD專業程式設計設 完宜或WIF模組,可為輔節散熱風 展供電 |

USER GUIDE 使用說明書

A CAUTIO 注意

- 1.The default throttle range of this ESC is from 1100 µs to 1940 µs, so you need to re-calibrate the throttle range when the first time you use this ESC or after you replace the transmitter.
- 2. Using RCE-BL130A ESC for T-REX700, suggest not to set pitch over 13 degree and keep RPM lower than 2100RPM to prevent ESC overload and causing any unexpected danger during flight.
- 3.If ESC happen to occur overcurrent and overloading, please land the helicopter immediately or it will cause damage to ESC and unexpected lost.
- 1.電子廣達器的油門行程出顧預股值為1100µs-1940µs。當首次使用電子廣達器或者更換其他遙控器使用時,均應重新設定油門行程。 2.T-REX 700搭配尺CE-BL1304電子調達器使用時,直昇模型大螺旋矩線形形設計3度,主從雙轉速應低於安全使用轉速範围,建議不超過 2100PPM · 整使與保持行。 福光調整設備第二線排棄發度 於 "提及不可能與的股票"

ANDOMINIO "東京國際政府"東京國際政府公司 "國外小院用的問題"。 3.相看了海波西登上的電流、遊戲或這個交通時,與江如阿塔伊上於行。不可與較電子調達這個健康大能下持續於行。否明所會並成電子調達因必維 甚至到壞。

I.Connections 接線示意圖

- RPM Signal Wire(Yellow): plug itinto the RPMinput channel on the flybarless system. (This wire can be used for providing RPM signal data when using external speedgoverning device.
- 2. BEC Output Wire (Red/Brown), plug it into the battery channel or anyunoccupied channel on the receiver. (For better BEC power supply, we recommend plugging this wire into the battery channel or any unoccupied channel on FEL system if the FEL system is permitted.
- Throute Signal Wire (White/Red/Black); plug lifto the throttle channel on the receiver of the corresponding channel on the FBL system, such as RXE channel on the FBL system, such as RXE channel on the VBAR system. For which channel you should plug lift, it depends or what kind of receiver and FBL system you uses The White write lot crains withing throttle signals, the Red & Black cables are guardley connected in the BEC output channels. The White with the REC output was and ground wable.
- Ballary Balla
- RPM信號線(黃): 指入無平衡翼系統轉速輸入通道;(當使用外部定速時,可使用RPM信號線提供轉速信號輸入。)
- ❷ BEC格出線(紅、棕):還接線外的BEC格出線插入接收機電池等用適道或任態空間通道。(為獲得更好的BEC供電效果,在無平衡質系統允許的情況下,建議將BEC機接入無平衡質系統的電池等用透道或任態空間通道。)
- 治門信號線(白、紅、窯): 語、接吸機油門強壓或無平型體系系製物造道,如VBAR系統的RX B通道,依接收機類型及無平衡異系統類型而定。其中 白線用於傳送油門信號,而紅線和黑線分別並靜在內部BEC的輸出器(即BEC電整輸出線和地線)。

II.Throttle Range Calibration 油門行釋校準操作方法

企CAUTION 注意

During the ESC/Radio calibration, please set the throttle curve to NORMAL and ensure the corresponding throttle amounts to the maximum throttle endpoint and the minimum throttle endpoint on your transmitter are respectively 100% and 0%.

進行油門行程校連時,請將油門曲線設置為NORMAL,並發保遙按器油門最高點對應的油門值為100%,油門最低點對應的油門值為0%

Turn on the transmitter and move the throttle stick to the top position. 關敗遊控器,將油門打到最高 點 Connect the ESC to a battery. The motor will emit '> 123"indicating the ESC is powered on normally. 電子開發接電池,馬達輸叫"』123"提示音,表示無偿正常

5 seconds later, the motor will emit two short beeps indicating the maximum throttle position has been successfully calibrated and accepted. 等待5秒,馬達發出"等等"雙短鳴音,表示汩門最高點校準成

Move the throttle stick to the bottom position. 1 second later, a short beep will emit indicating the minimum throttle position has been accepted. 常动网络红色彩香 The ESC will keep beeping indicating the number of LiPo cells you have plugged in.

馬達發出N整鳴音,表示鍵電池Cell數

A long beep represents system is well done, ready tofly. 馬達發出"瞳"一聲長音表示系統準備 数据,可隔熱影響



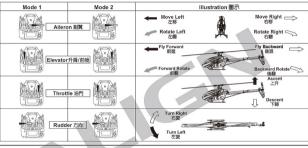
PLEASE PRACTICE SIMULATION FLIGHT REFORE REAL FLYING - 吸行的請惠生熟練雷影/模器飛行

A safe and effective practice method is to use the transmitter flying on the computer through simulator software sold on the market. Do a simulation flight until you familiarize your fingers with the movements of the rudgers, and keep practicing until the fingers move naturally.

- 1. Place the heliconter in a clear open field (Make sure the power QFF) and the tail of heliconter point to yourself (2. Practice to operate the throttle stick (as below illustration) and repeat practicing "Throttle high/low", "Aileron left/right", "Rudder left/right", and "Elevator up/down"
- 3. The simulation flight practice is very important, please keep practicing until the fingers move naturally when you hear operation orders being call out.

在道沒閱解直昇概各動作的操控方式前,嚴禁實機飛行,請先進行電腦機緩飛行的練習,一種最有效、嚴安全的練習方式,就是透過 市面版售的模藏軟體,以遙控器在電腦上模擬飛行,熱眾各種方向的操控,並不斷的重複,直到手指可熟練的控制各個動作及方向。

- 1. 溶盲层嫌放在空窿的地方(確認電源為緊閉), 並溶盲层搏的機能對準白己。
- 2.練習操作遙控器的各搖桿(各動作的操作方式如下圖),並反覆練習油門高/低、閱閱左/右、升降舵前/後及方向舵左/右操作方式。
- 3.模擬飛行的練習相當重要,請重複練習直到不需思索,手指能自然隨著喊出的指令移動控制。



FLIGHT ADJUSTMENT AND NOTICE 飛行調整與注意

A CAUTION 注意

OCheck if the screws are firmly tightened.

OCheck if the transmitter and receivers are fully charged.

○再次確認→螺絲是否鎖固?○發射器和接收器電池是否定額。

企CAUTION

If there are other radio control aircraft at the field, make sure to check their frequencies and tell them what frequency you are using. Frequency interference can cause your model, or other models to crash and increase the risk of danger. 俗使飛行場有其他基控飛機,揭存那种門的領案,並先知他們像正在使用的領案,相同的特案會完成干擾導致失控和大大地灣加風機。

STARTING AND STOPPING THE MOTOR **啓動和停止馬達**

企 CAUTION 注意

First check to make sure no one else is operating on the same frequency. Then place the throttle stick at lowest position and turn on the transmitter

首先確認附近沒有其他相同頻率的使用,然後打開發射器將油門搖桿推 到低點。

· Check the movement ・動作確認

ON! Step1 First turn on the transmitter. 先期段發射器



常抵達飛行場

Check if the throttle stick is set at the lowest position.

確認油門搖桿是在最低的位置。

Are the rudders moving according to the controls? @Follow the transmitter's instruction manual to do a range test. 〇方向软是否隨著控制方向移動?

○根據發射器設明事業行等難測試。



OFF! Step3 Reverse the above orders to turn off. 器閉電源時期依上述操作動作反執行。























This procedure is best performed on soft surfaces such as grass. The use of rubberskid stopper is recommended on hard surface to prevent vibration feedbackfrom the ground to Gyro, resulting in over-corrections.

將直昇機置於柔軟地面上,建議硬地起飛腳架裝上避震整圈。遊克升空前腳架與過硬的地面震動太大反饋至機身上的陀螺機,影響無平衡質系 統升空前過度修正。



CAUTION

If swashplate should tilt prior to lift off, do not try to manually trim the swashplate level. This is due to vibration feedback to the Gyro, and will disappear once helicopter lifts off the ground. If manual trim is applied, helicopter will tilt immediately after liftoff.

直昇機載地前,十字盤可能因陀螺磷受震動的反饋,使十字盤有傾斜的情形,此時請勿刻簡將十盤修正為水平狀態,此現象只要難地升空時立即解除,可平現升空;若刻蔥烤十字盤修正為水平時,反而會造成感應器過度修正,一難她即稱任修正方向的危險。

MAIN ROTOR ADJUSTMENTS 主旋翼雙槳平衡調整

- 1.Before adjusting, apply a red piece of tape on one blade, or paint a red stripe with a marker or paint to identify on blade.
- 2. Raise the throttle stick slowly and stop just before the helicopter lifts-off ground. Look at the spinning blades from the side of the helicopter.
- 3.Look at the path of the rotor carefully. If the two blades rotate in the same path, it does not need to adjustment. If one blade is higher or lower than the other blade, adjust the tracking immediately.
- 1.調整前先在其中一支主旋翼的翼端,贴上有颜色的贴紙或畫上颜色記號,方便雙槳調整辨識。
- 2.慢慢的推起油門搖桿到高點並且停止,在飛機難篩地面前,從飛機制邊觀察主旋翼轉動。
 3.仔細觀雲旋翼軌跡條如兩支旋翼移動部是相同軌跡,則不需要頻繁;可是如果一支旋翼較高或較低產生"變樂"的情形時,則必須立刻頻整軌跡。
- a. When rotating, the blade with higher path means the pitch is too big. Please shorten ball link for regular trim. b. When rotating, the blade with lower path means the pitch is too small. Please lengthen ball link for regular trim.
- a.旋翼轉動時級高軌節的主旋翼表示螺距(PITCH)過大,請開短連桿頭修正。 b.旋翼轉動時較低軌節的主旋翼表示螺距(PITCH)過小,請調長連桿頭修正。

CAUTION # W

Tracking adjustment is very dangerous, so please keep away from the helicopter at a distance of at least 10m.

調整軌跡非常危險,請於距離飛機最少10公尺的距離。

在網整軌跡後,確認一下Pitch角度在停旋時應為大約+5~6°。

Incorrect tracking may cause vibrations. Please repeat adjusting the tracking to make sure the rotor is correctly aligned. After tracking adjustment, please check the pitch angle is approx. 45-6 when hovering. 不订婚的证明的

Color Mark 有標示記號的主觀響

FLIGHT ADJUSTMENT AND NOTICE 飛行調整與注意

FOREIDDEN W II



@Do not attempt to grab or make contact with the helicopter while the main blades are in motion and keep your eyes away from the helicopter. During take-off, landing, and flight, be sure to keep the helicopter away from all obstacles. Operators must stand at least 10 meters away from the helicopter to avoid injury caused by loose parts due to improper assembly or any unforeseen danger.

◎酸蒸用手抓取篷行中的直昇機,並蒸止將直昇機對著眼睛,當主旋翼轉動後,或起飛/試飛給,務必盪離障礙物,站立位置必需距離 10公尺以上,瀕免因人為網獎不當造成零件說落,而引發不可預期的射物及人員損傷。

A CAUTION 注意

@Make sure that no one or obstructions in the vicinity.

©For flying safety, please carefully check if every movement and directions are correct when hovering,

〇府20年15万地區沒有人和**田**鄉飲。

○為了飛行安全,信仍須先確認停務時各距操控動作是否下常。

企CAUTION

Do not attempt to fly until you have some experiences with the operation of helicopter. 嚴禁無納液操护飛行經驗者操抑飛行。

STEP 1 THROTTLE CONTROL PRACTICE 油門控制練習

When the helicopter begins to lift-off the ground, slowly reduce the throttle to bring the helicopter back down. Keep practicing this action until you control the throttle smoothly.

當直昇機開始關地時,慢慢將低油門將飛機將下。•持續練習飛機從地面 上升和下路直到您營得油門控制視值。





STEP 2 All FRON AND FI EVATOR CONTROL PRACTICE 副翼和升降控制練習

1. Raise the throttle stick slowly.

 Move the helicopterin any direction back, forward, left and right, slowly move the alleron and elevator sticks in the opposite direction to fly back to its original position.







- 1.慢慢升起油門搖桿。
- 使直昇機依指示:移動向後/向前/向左/向右,慢慢的反向移動副翼和 升級接煙並終有豆鄉關回到原來位置。

升降搖桿並將直昇 A CAUTION OIF

If the nose of the helicopter moves, please lower the throttle stick and land the helicopter. Then move your position diagonally behind the helicopter 10M and continue practicing.

If the helicopter files too far away from you, please land the helicopter and move your position behind 10M and continue practicing.

○當直昇機機頭偏移時,調降低油門並且降落,然後移動自己的位置到直昇機的正後方10公尺再繼續練習。
○假如直昇機飛踏你太遠,請先降落直昇機,並到直昇機後10公尺再繼續練習。

STEP 3 RUDDER CONTROL PRACTICING 方向能操作練習

- 1.Slowly raise the throttle stick.
- Move the nose of the helicopter to right or left, and then slowly move the rudder stick in the opposite direction to fly back to its original position.
- 1.偿债升股油网络煤水
 - 2.將直昇機機頭移動左或右,然後慢慢反向移動方向能搖桿並將直昇機飛回原本位置。



STEP 4

After you are familiar with all actions from STEP1 to 3, draw a circle on the ground and practice within the circle to increase your accuracy. 當你發得 STEP1—3 動作熟悉了,在地上畫圈圈並在這個選圈的範圍內練體飛行,以設加限機能的的關係。

○You can draw a smaller circle when you get more familiar with the actions. ○當你更加營債操作動作,你可以盡更小的圈圈。



STEP 5 DIRECTION CHANGE AND HOVERING PRACTICE 改變直昇機方向和練習停旋

After you are familiar with STEP1 to 4, stand at side of the helicopter and continue practicing STEP1 to 4. Then repeat the STEP1 to 4 by standing right in front of the helicopter.

雷敦煌修STEP1-4&扩张危引,还在圆野庙界旁境建立搬船帐路STEP1-4。之後,近在西野南坡桥沿道里境步就经营。











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|----------------------------|--|---|---|
| | Problem 狀 況 | Cause 原 因 | Solution 對 策 |
| Blade Tracking 雙樂平衡 | Tracking is Off 雙衛 | Pitch linkage rods are not even length PITCH連桿長度調整不平均 | Adjust length of Linkage rod A. 調整連得A現費 |
| | Headspeed too low 主旋興轉達縣底 | Excessive pitch 主旋翼的PITCH銀高 | Adjust ball link to reduce pitch by 4 to 5 degrees. Hovering headspeed should be around 1700-1800RPM. 國際監視協關保护(chip) + 4-5區 (伊那约主旋賽灣為約1700-1800RPM) |
| Hover 停點 | | Hovering throttle curve is too low 停懸監測門血線過度 | Increase throttle curve at hovering point on transmitter (around 60%) 講戒停懸點油門曲線(約60%) |
| | Headspeed too high 主旋簧轉速偏高 | Not enough pitch 主旋翼的PITCH網框 | Adjust ball link to increase pitch by 4 to 5 degrees. Hovering headspeed should be around 1700-1800RPM. 爾德·提得阿爾高萨比白的十4-5度 (勞懸的主義實際為約1700-1800RPM) |
| | | Hovering throttle curve is too high 停懸款油門血線過高 | Decrease throttle curve at hovering point on transmitter (around 60%) 講任伊慧油門曲線(960%) |
| | Drifting of tail occurs during hovering, or delay of rudder response when centering rudder stick. | Rudder neutral point improperly set 尾中立點設定不識 | Reset rudder neutral point 面限尾中立點 |
| Rudder Response 尾舵反應 | ・ の | Rudder gyro gain too low 尾舵陀螺備想展偏低 | Increase rudder gyro gain 增加配於陀螺磺基麼 |
| | Tail oscillates (hunting, or wags) at hover or full throttle 停息或全油門特定資本占來回搭提。 | Rudder gyro gain too high 尾舵陀螺備態度偏高 | Reduce rudder gyro gain 降低尾蛇陀螺磺碲酸 |

If above solution does not resolve your issues, please check with experienced pilots or contact your Align dealer. ※在微完以上調整後,仍然無法改善情況時,暴立即停止飛行並向有經驗的飛手起跨或連絡德的經濟商。 Thank you for purchasing and supporting ALIGN products.

The Align Team is dedicated to you by innovating and developing new RC Helicopters, Multicopters, and FPV Racing Quads. We strive to provide a more diversified experience for our customers. Visit our website at www.align.com.tw for latest news, information, and updates about our extensive line of products for the RC enthusiasts.

Good Flying!

再次感謝您對亞拓系列商品的喜參與支持,您的肯定是對我們最大的認同。

亞拓團隊秉持創新研發的精神,開發遙控直昇機/多軸飛行機/穿越機系列商 品,提供給您體驗更多樣化的飛行樂應。您可以透過下列運結,隨時脫解以抗的最新動態,以及各項訊息分享。







ALIGN Flight Safety 亞拓飛行安全宣導

http://www.align.com.tw/flysafe-en/



ALIGN T-REX Helicopter 亞拓遙控直昇機 http://www.align.com.tw/helicopter-en/







ALIGN Multicopter 亞拓多軸飛行機

http://www.align.com.tw/multicopter-en/



ALIGN FPV Racing Quad 亞拓穿越機

http://www.align.com.tw/multicopter-en/mr25/





ALIGN Website 亞拓官網

http://www.align.com.tw





ALIGN Shopping Cart 亞拓購物車

http://shop.align.com.tw/index.php?language=en



ALIGN Quick Finder 亞拓雲件快速騰

http://shop.align.com.tw/partfinder.php?language=en



ALIGN FaceBook

https://www.facebook.com/Align-Corporation-194493419543/?ref=mf



ALIGN Instagram

https://instagram.com/aligncorporation/



ALIGN YouTube

https://www.voutube.com/channel/UCaPi K5DNo7HSmP1evtUvMQ



ALIGN Youku

http://i.youku.com/u/UMTQ0NjEwNjczNg==



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Specifications & Equipment/規格配備:

Length/機身長:1220mm Height/機身高:356mm

Main Blade Length/主旋翼長:650mm Main Rotor Diameter/主旋翼直徑:1455mm

Tail Rotor Diameter/尾旋翼直徑:280mm

Motor Drive Gear/馬達齒輪:16T

Main Drive Gear/主齒輪:112T

Autorotation Tail Drive Gear/尾驅動主齒:131T

Tail Drive Gear/星翼傳動齒:34T

Drive Gear Ratio/齒輪傳動比: 7:1:3.85 Flying Weight(without battery)/全配重(不含電池): Approx. 3320g

