

DOMINATOR TREX SSOX

INSTRUCTION MANUAL 使用說明書



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INSTALLATION FOR ESC 毎副調速器安装

CANOPY ASSEMBLY





Superior Power 高扭力 全新動力

6-AXIS MEMS SENSOR SYSTEM FOR RC-MODELS

product enhancement. Specifications, contents of parts and availability are subject to change, ALIGN RC is not responsible

電子設備建湖配置圏示 Thank you for purchasing Align products. Please read the MICROBEAST PLUS FLYBARLESS MANUAL 21~22 manual carefully before installing and be sure to retain the SERVO SETTING AND ADJUSTMENT manual for future reference. All pictures shown are for illustration purpose only. Actual product may vary due to

伺服器股穿腳聯 ADJUSTMENTS FOR GYRO AND TAIL NEUTRAL SETTING 陀螺镰與尾翼中立點設定調整

ELECTRIC EQUIPMENT ILLUSTRATION

PITCH AND THROTTLE SETTING 24 主旋翼螺距與油門設定 POWER COLLOCATION REFERENCE

原裝動力數據參考表

25~26 RCE-BL100A Brushless ESC INSTRUCTION MANUAL RCE-BL100A 無關調鍊器使用說明 FLIGHT ADJUSTMENT AND SETTING

27~29 飛行動作調整與設定 TROUBLESHOOTING 飛行中狀況排除 承蒙關下選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。

for inadvertent errors in this publications.

Thank you for buying ALIGN Products. The T-REX 550X Dominator Helicopter is designed as an easy to use, full featured Helicopter Ric model capable of all forms of rotary light. Please read the manual carrielly before assembling the model, and follow all precautions and recommendations located within the manual. Be sure to retain the manual for future reference, routine maintenance, and tuning. The T-REX 550X Dominator is a new product developed by ALIGN. It features the best design available on the Micro-Hell market to date, providing flying stability for beginners, full aerobatic capability for advanced filers, and unsurpassed reliability for extourner support.

感謝的訓練还托產品,為了講您容易方便的使用 T-REX 550X Dominator 直昇機、鹅郎詳細的閱讀吃誰本說明書之後用達行組製以及餐作達合直昇機。閱時講您 妥婚的保存基本的理事,将自使推订需要以養婦的參考。 T-REX 550X Dominator 是由立托自行册聲的期產品。不適也是應求飛行應定性的卻學者或是整來 性能的所谓學習者。 T-REX 550X Dominator 與是即是性的選擇。

WARNING LABEL LEGEND 標誌代表涵義



Do not attempt under any circumstances. 存任何整止的環境下,請勿管試過程。



Mishandling due to failure to follow these instructions may result in damage or injury. 因為蒸忽運送後性說明,而使用錯該可能造成財產獨失或嚴重傷害。



Mishandling due to failure to follow these instructions may result in danger. 因為發彩導些慢性說明,而使用鐵器可能達成危險。

IMPORTANT NOTES 衝突診眼

RIC helicopters, including the T-REX 550X Dominator are not toys. RIC helicopter utilize various high-tech products and technologies to provide superior performance, Improper use of this product can result in serious injury or even death. Please read this manual carefully before using and make sure to be conscious of your own personal safety and the safety of others and your environment when operating all ALIGN products. Manufacturer and selfer assume no liability for the operation or the use of this product. This product is intended for use only by adults/with experience flying remote control helicopters at a legal flying field. After the sale of this product we cannot maintain any control over its operation or usuals.

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.

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 beat very to properly assemble, setup, and fly your model for the first time. The T-REX SSI. 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 refurned for repair or replacement. Please contact our distributions for free technical consultation and parts at 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 a fire setuling liability.

TREXESSIX Dominator 進攻其機能到延伸。它能能合了許多基地接近所設計以致的共和国。所以系统改進用不會成不動態思测度而远過豐富素甚至死 在一個用工國籍的政策的影響。必要的整定計劃自然企業。可且一個重要有關的影響,並與高級政策與實施的影響,可以 所發生之對外負任何實性。泛素因影響供給可能可達得可量與解動的成人或有物電技術的人員在房間等於實地合适道時期行場而行。以確保文色應度下操作 用一直因此能念之效率不是任何排行的影響,就可以

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全部的責任之人。

模型商品關於鄭高陽作技術且為海純性之商品,如解拆器使用後,會造成不可情況零件損耗,任何使用情況所造成商品不良或不滿意,將無法於保悶條件內更換 頭忌或證實,如蓋何使用操作維修問題,本句宣告分分司或代理無務提供技術等。特價等件供應股多,對應用密的不蓄使用、設定、組錄、條次、或無作不 因所國成的經濟經濟書,本公司雖然控款及負責、任何便用、設定、組錄、條次、或使作不同所遊成的經過,多外減蓄素。使用能源維維金部責任。

SAFETY NOTES 安全注意事項

ALIGN

▲ CAUTION 注意

- 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 rotorhead spindle shaft screws and tail blade grip screws, linkage balls and screws, ensure they are firmly secured.
- · 施技度·加热物、页耳機應高化熔性物品,飛行時務心應義人群、人物組長不靠或機件損壞、電子控制設備不良,以及接控上的不熟悉、都有可能等致飛行失控。損傷等不均預期態勢,,偏抗行者协论主學飛行安全。強衛了解白典政部/海底社府思力/宣任。 · 海風飛行衛後行撥被置,主批度東亞維護維持、経度東亞維維,以及與身各部心议策、維持、確實上腳線架才能升空飛行。

LOCATE AN APPROPRIATE LOCATION 漆離障礙物及人群

R/C helicopters fly at high speed, thus posing a certain degree of 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. For the first practice, please choose a legal fiving field. Do not fly your model in inclement weather, such as rain, wind, snow or darkness,



NOTE ON LITHIUM POLYMER BATTERIES 鍵聚電池注意事項

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





PREVENT MOISTURE 遠離湖濕環境

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. The introduction or exposure to water or moisture in any form can cause the model to malfunction resulting in loss of use, or a crash. Do not operate or expose to rain or moisture.

直昇機內部也是由許多精密的電子響組件組成,所以必須絕對的防止潮濕或水氣,避免在浴室或雨天時使用,防止水氣進 入機身內照而攜對機性及當子響性內層而引發不可簡單的會 4.1



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 not use for other purpose.

謂勿自行改造加工,任何的升級改裝或維修,請使用亞拓產品目錄中的零件,以確保結構的安全。 請確認於產品展界內操作,請勿過載使用,並勿用於安全、法令外其它非法用繳。



| ▲ WARNING | OBTAIN THE ASSISTANCE OF AN EXPERIENCED PILOT 澄発獨自操控

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 unforeseen danger may happen. (Recommend you to practice with computer-based flight simulator.)



至飛行場飛行前。据確認是否有相同類率的同好正進行飛行,因為關係相同類率的強制器將導致自己與他人立 外危險。達拉根機是拉及拉左等如拥有著一定的制度,要盡量與克爾上線下所才,將有疑難的人士在旁指導 控制行,否則將可能造成乙等阿斯的第八發生。(臺灣電影機種類及丟手指導品入門)的多的演播)

▲ WARNING SAFE OPERATION 安全操作

Make sure to always be aware to keep your eyes and body away from blades rotation. Do not attempt to grab or make contact with the helicopter while the main blades are in motion. 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. Never take your eyes off the model or leave it unattended while it is turned on, and Immediately turn off the model and transmitter when you have landed the model. Operate this unit within your ability, do not fly under tired condition, improper operation may cause in danger,



and always to avoid injury caused by loose parts due to improper assembly or any unforeseen dangers 請請於注意,賴斯在任何司勢,多不能將護康伯·的敦寶斯蒂根語,觀然用手和取選行の的意味數。增生與冀難動後,改 知此人《紅荷特·斯迪國建新聯節》或仍在國邊邦語(OLVRU上,不可在與蘇蘭斯)與可持分,接後也與蘇斯特。或 非接地區投站電影。操作自己國界興壓一定維控有政能力,即反因人為超級不當成場在於東京 前的因人真損傷,並創意量自身情況,但必要亦,精神不住或不當條件,也可能引進不可有期的原外發生

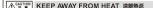


| ALWAYS BE AWARE OF THE ROTATING BLADES 遠離連轉中零件

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.



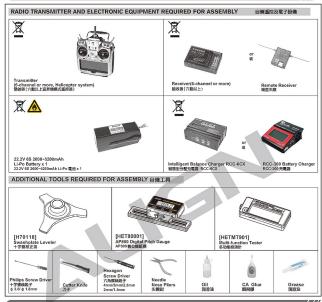
會造成自己與他人在身體上或環境上的嚴重損傷,

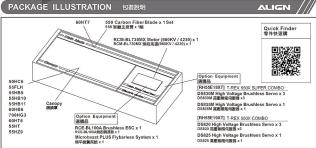


R/C models are made of various forms of plastic. Plastic is very susceptible to damage or deformation due to extreme heat and cold climate. Make sure not to store the model near any source of heat such as an oven, or heater. It is best to store the model indoors, in a climatecontrolled, room temperature environment.

受機多半是以 PA 繊維収聚乙烯、電子商品為主要材質,因此要盡量遠離熱源、日曜,以避免因高溫而變形甚至熔毀 有可能。







MODEL STANDARD EQUIPMENT DIFFERENCE

標準配備版本説明 ムレばこれ

There are many versions of T-REX 559X Dominator for your choice. The Super Combo includes additional electronics and other equipment. The Instruction Manual will refer to the T-REX 550X Dominator Super Combo. Young purchase any additional items referenced in the instruction manual or any spare parts for other 550X Dominator version by referring to more product information in this manual.

T-REX 550X Dominator 系列商品有多種版本可作為選擇,除標準配備會因 您購買的商品版本而有些做不同,在組裝、設定上都是一致的,在此我們 以 Super Combo作為操作範例,您也可依照書面上的商品資訊來增添其他 灣體商品。









CAREFULLY INSPECT BEFORE REAL FLIGHT 加耐杯整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 batteries of transmitter and receiver are enough for the flight.
- · Before turn on the transmitter, please check if the throttle stick is in the lowest position. 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.
- 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.
- · 每次飛行前應先確認所使用的頻率是否會干擾他人,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。

缺氧器:使用液量缺氧器固定

- · 開機前確認油門搖桿是否位於最低點,熄火降落開網,定速開闢 (IDLE) 是否於期間位置。
- · 聯傾待必須遵守電源開聯機的程序,開機時應先開啟發射器後,再開啟接收器電源;開機時應先開開接收器後,再開開發射器電源。不正確的開聯程序可能會 這失控的現象,影響自身與他人的安全,調養成正確的習慣。
- · 閱閱請先確定直昇機的各個動作是否順報,及方向是否正確,並檢查伺服器的動作是否有干涉攻崩繳的情形,使用放釋的伺服器將導致不可預期的危險。 · 飛行前確認沒有缺少或點說的螺絲與螺帽,確認沒有組裝不完整或損毀的零件,仔細檢查主旋實是否有損壞,特別是接近主旋實來座的部位。損壞或組級不完
- 整約零件不僅影觀飛行,更會遊成不可預期的危險。注意:每次飛行前的安全檢查、保養、及更接損耗零件,講確實嚴格執行以確保安全。 ·檢查所有的速律項是否有緊急的情形,過緊的速律頭應先更新,否則將造成直昇機無法操控的危險。
- 確認電池及電源接頭是否固定牢靠,飛行中的震動或激烈的飛行,可能造成電源接頭鬆發而造成失控的危險。

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,隨配合上腳或上油,以確保鎖對零件塑用之可靠底。

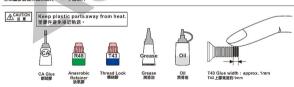
- CA: Apply small amount of CA Glue to fix. 駆闘隊:使用消費殺器器同定

OIL: Add small amount of OIL.

潮浸油:添加油量潮浸油

 T43 : Apply small amount of Thread Lock to fix. 紫絲膠 : 使用適量螺絲膠

When assembling ball links, make sure the "A" character faces outside. 各項遊擊數連桿師和接奇・" A "字輪朝外・



- Anaerobic Retainer (R48) is green penetrating threadlocker and is used to fix the metal tube before assembly at temperatures up to +180°C •
- Chrised 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 metalloint 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.

- 註氧膠 (R48) 為綠色高強度快速固化的缺氧膠,適合於金屬管狀固定用,可耐高溫至 180 ℃。
- 2.螺絲器 (T43) 為監包低強度螺絲器,適合小型螺絲;使用於金屬內外徑或器合螺絲的,講務必適量使用,必要時謂用手去除多餘器量,欲拆卸 物可於金屬接合部位熟修約15秒。
- 3.潤滑油(Grease)為屬狀潤滑油,適用於單向軸承或止推軸承。
- ②上述各類功能器(油)遺依雲件屬性需求自行準備並將酌其用量,以達到最佳網路試驗,避免因使用不常造成雲件損壞或不可預期的意外發生。



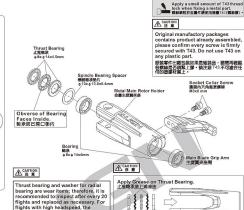
Thrust Bearing 止推軸承(\$8x \$14x4.5mm) x 2



Spindle Bearing Spacer 複雜級銀片(+10×+13.8x0.4mm)×2

A CAUTION # ₩

Already assembled by Factory. Before flying, please check if the screws are fixed with glue. 原裝組裝完成品,每一次飛行前購先 確認媒絲是否已上腳不會戲動。

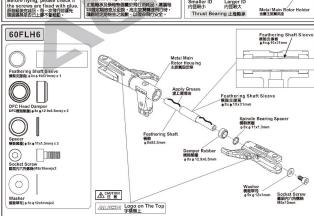


COUT

Smaller ID

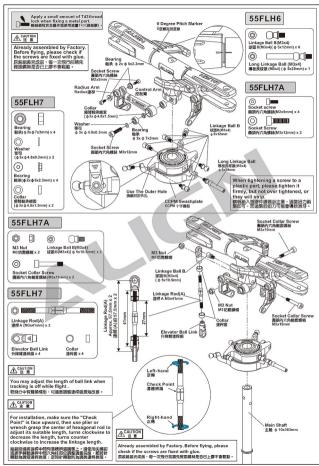
Larger ID 内御顧大

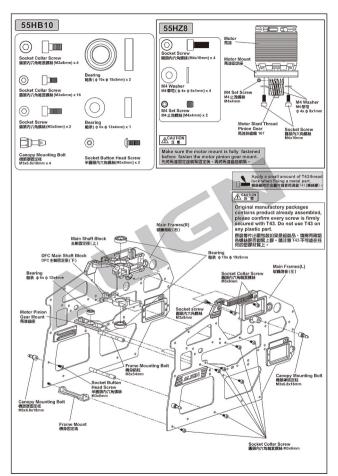
Metal Main Rotor Holder



inspection interval should be reduced

to ensure flight safety





CAUTION

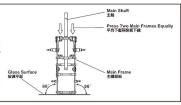
Main frame assembly key point:

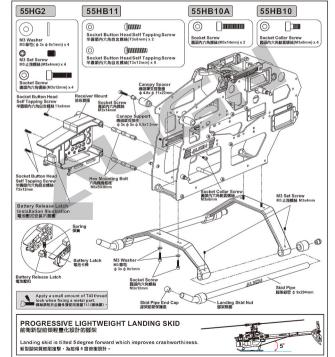
First do not fully tighten the screws of main frames and put two bearings through the main shaft to check if the

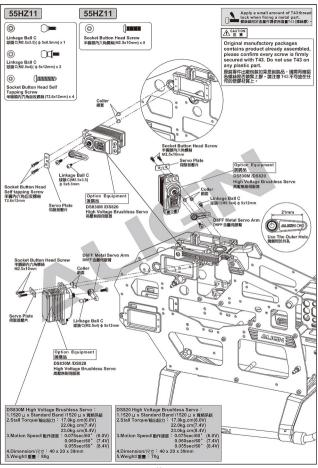
movements are smooth. The bottom bracket must be firmly touched the level table top(glass surface); please keep the smooth movements on main shaft and level bottom bracket. then slowly tighten the screws. This assembly can help for the power and flight performance.

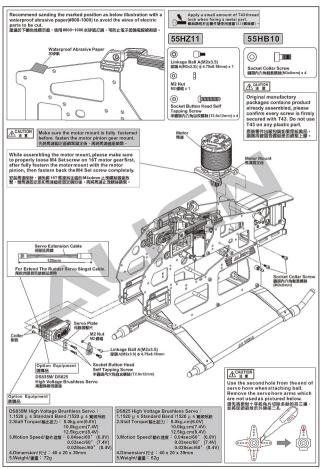
機身倒板組立重點:

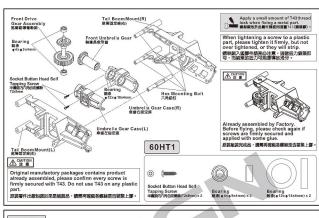
倒板探絲先不完全鎮緊,放入主軸置穿兩頸軸承確認上下移動の霧滑順, 行退而後標標鎖緊螺絡。下確與板的網裝對動力與飛行性能有關密解的。

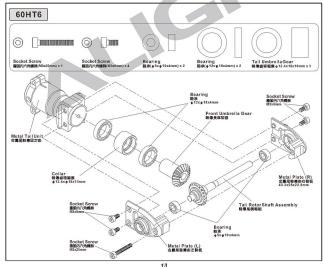


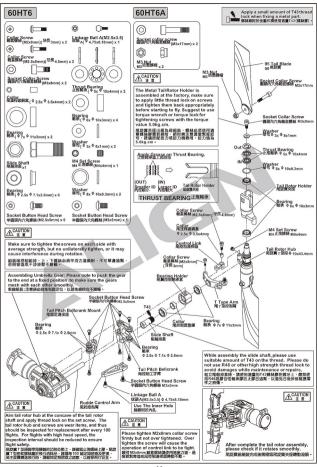


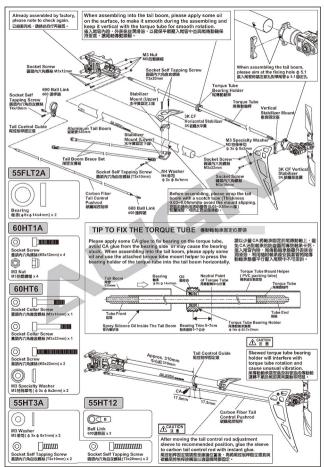


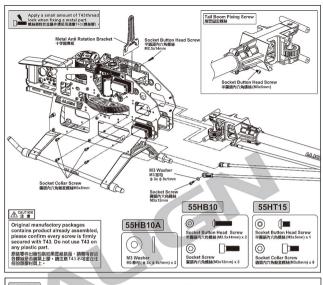


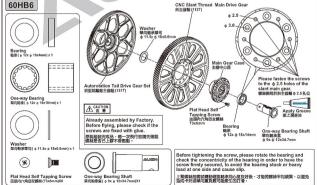


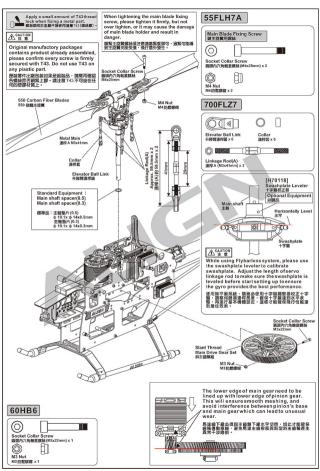












Original manufactory packages

contains product already assembled, please confirm every screw is firmly

secured with T43. Do not use T43 on

企AUTION

any plastic part. 原裝等件出廠包裝如果是組裝品,請需再確認 各螺絲是否頻繁上膠。請注意T43不可塗在任 何的證膠材質上。

企AUTION 注意

A MOUNTING ORIENTATION OF MICROBEAST PLUS MICROBEAST PLUS的安装方向



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講至官網下載專區下載。 http://www.align.com.tw/beastx/

Microbeast PLUS provides 8 different direction choicescan 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: LED指示燈狀態顯示安裝方向:



Status LED Off* Status-LED 偿债额*





Status LED Purple Status-LED 優紫色



Status LED Red

Status-LED 假紅色

Status LED Flashing Blue

Flashing Purple

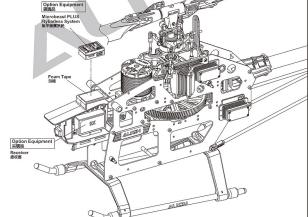
Status-LED 燈 紫色閃爆

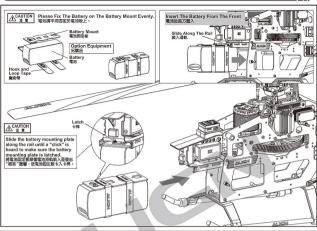


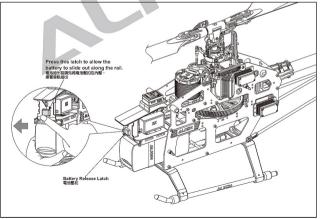
Flashing Red/Blue Status-LED 60 紅色/藍色同時閃然

Front 機頭方向

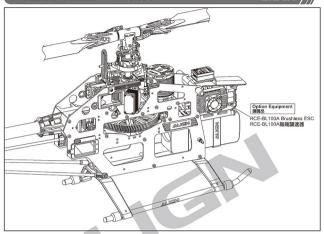
*Factory Setting *出廠預設值

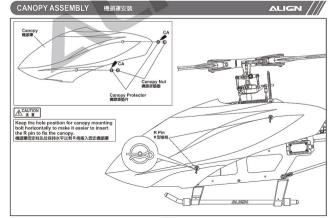






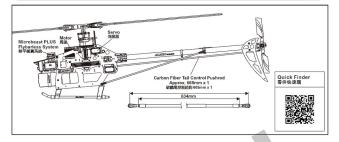






MICROBEAST PLUS FLYBARLESS MANUAL

無平衡豐系統使用設明



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

ALIGN 直昇機使用 MICROBEAST PLUS 無平衡質系統,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 bloddes, .etc, please makesure there is a sufficiently large and stable power supply to yourhelicopter. If there is anyabnormal voltage or insufficient power supply, suggest to upgrade the flybariess system to MICROBERST PLUS HD (Optional) Prote better power backup.
- 2.Please refer to BEASTX MICROBEAST PLUS/HD website for MICROBEASTPLUS/HD assembly and setup
- 3. Any over use, incorrect actup, missassembly, incorrect modification or misuse will lead to abnormal voltage, electronic devices damage, 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、操控型的直昇機時・如非使用 ALIGN 標準配件(含電子配件、主節質等)・請務必確定燃的供電系統有足夠的供電能力・如發班電壓業常、供電不足・鍵踏能升級使用 MICROBEAST PLUS HD 無平衡置系統(関配)・以脈線保系足、緩定的接吸器電道。
- 2.MICROBEAST PLUS/HD 使用、設定、接線・請參照 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,每題飛行前須注意 存斷終者。防止操件及電子電性放應而引發不可掩頭的電外。

MANUAL LINK 粉定操作連結

MICROBEAST PLUS Fybariess System is the latest version out of the factory, please feel at ease using it. You can also link to BEAST MICROBEAST PLUS hybaries as the latest version and the latest news. MICROBEAST PLUS Hybaries System has available some different versions, each version has different programming and function, please make sure your Microbeast version and read to correct manual carefully before assembly or upgrading, especially you are upgrade from the control of the programming and function in the control of the c

MICROBEAST PLUS開來簡單系統,出版的主程式已是最新成本。您也可以是結至EASTX MICROBEAST PLUSH的它調查詢。隨時更新最新版 本及各項最新限息。認分版本码升級而就定及立能會有所不同,讀確定您的版本並詳釋其故明書,尤其您是由 V3.2 x 升級至 V.4 x x 。請務必深入 了解版本之間的效正功能,以免精微的造成形失,集作被定期间特涉解V3.2 x 版及V4.2 版使用较明書。



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屬下載。 http://www.align.com.tw/beastx/



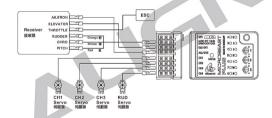
MICROBEAST PLUS
Optional Equipment

PARTS IDENTIFICATION 各部位名職

MICROREAST PLUS FLYBARLESS SYSTEM 無平衡單系統



MICROBEAST PLUS FLYBARI ESS SYSTEM WIRING DIAGRAM 無平衡單系統格示意圖





For detail connectivity, please scan QR Code then follow MICROBEASTPLUS manual. 詳細接線方式,調搏描QR Code 連結至MICROBEAST PLUS説明書・

A CAUTION 注意



MICROBEAST PLUS HD Flybarless System(Optional) MICROBEAST PLUS HD無平衡實系統(遊配)

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 flybarless system to MICROBEAST PLUS HO (Optional) for better power backup. Please refer to BEASTX website for MICROBEAST PLUS HO assembly and setup instruction.

安装、操控部的直昇機能,如非使用 ALIGN 標準配件(含電子配件、主致實等),請務必確定物的供電系統有足夠的供電能力,如發 現電壓異常,供電不足,建議總所接使用 MICROBEAST PLUS HD IETN 與某種 議配),以能確保元足、穩定的提供器電源。 MICROBEAST PLUS HD 使用、股定、接触:需除MICROBEAST PLUS HD 医方顶嵴。 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.

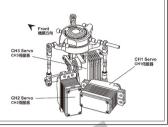
此頂股定只要關膀發射器,接上BEC電源則可推行操作。

注意:為了安全起見,設定前請先不要將無剛調速器與無刷馬達三條線接上,以免調整時啟動馬達而發生危險。

SERVO CONFIGURATION 伺服器配置

Following the servo configuration diagram on right, plug the servos to Gyro.

請依照右圍圖示的伺服器名稱,將伺服器接到陀螺儀。



ADJUSTMENTS FOR GYRO AND TAIL NEUTRAL SETTING 陀螺镀與尾翼中立點設定調整 本上に伝い

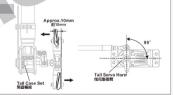
Turn off Revolution mixing(RVMX) mode on the transmitter, then set the gain switch on the transmitter and the gyro to non-head took mode, or disable gain completely. After settling the transmitter, connect the helicotper power and proceed with roulder neutral point settling. Note: When connecting to the helicotper power, please do not buch tail rudder slick and the helicotpet, wait for 3 seconds for grow to enable, and the rudder serve hom should be 90 degrees to the tail serve. Tail plich alider should be thatfl way on the tail output shaft. This will be the standard rudder neutral point. After completing this settling, set the gain switch back to heading look mode, with asin at around 70%.

發射器內的機能設定時期時限檢測投模式,並跨過的就上的應度問題與的機能切容。非就定模式"環準的機能應度期間,發射器設定完成接接上直昇機電源,即可 進行成於中亞數技術,注意"讓於上直升機電源時間的概能起始模容或消機機"有效的經濟網接換成後,既如於特殊與同級投利或 90度,民度實控制組須 正確確於民機構動物中間值"即為專用於中立数数定,是完完成等,則與整"領途接",

TAIL NEUTRAL SETTING 屋中立點設定

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 trim.

陀螺儀開機後,在非确定模式下,尾伺服器與尾 Pitch控制組正確接置位置。若尾 Pitch控制組末置中時請開整尾控制連桿的長度來修正。



HEAD LOCK DIRECTION SETTING OF GYRO 陀螺纖鎖定方向設定

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, please switch the gyro to "REVERSE".

陀螺儀鎖定方向確認。當手搖尾部順時鏈機動。尾何級臂應反時 鐘修正,反向時請切換陀螺條上"鎖定反向"開幕修正。



▲ Caumon The rotational speed must set below 2,700RPM for sareery to prevent any unappear 面屏機的主旋實育安全使用轉圖,飛行時不可起過2,700RPM,起轉會轉放不可預期的危險,其至危害他人生命財產。

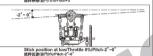
GENERAL FLIGHT 一般飛行模式



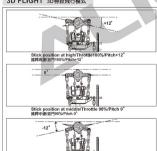
Stick position at high/Throttle 100%/Pitch+12



Stick position at Hovering/Throttle 70% / Pitch+5 核程傳統治門70%/Pitch+5*



3D FLIGHT 3D特技飛行模式



- Stick position at low/Throttle 100%/Pitch-12 A CAUTION 1. Pitch range: Approx. ±14。
 - If the pitch is set too high, it will result in shorter flight duration and poor motor performance.
 - 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°。

搖桿低速/治門100%/Pitch-12

2.過大螺旋設定,會導致動力與飛行時間降低。 3.動力提昇以較高轉速的設定方式·優於螺旋調大的設定。

GENERAL FLIGHT 一般飛行模式 油門 I 100%High speed

9	100%高速	+12
4	85%	
3	60%~65%Hovering 60%~65%停額	+5"
2	40%	
1	0% Low speed 0%既建	-2°~0°
00	%	
85	%	



Pitch and Rotation Speed Pitch與轉漆關係 TIP:It is recommended to use a lower pitch setting when using higher RPM\Head speed. This will allow for better power. 搭配要領: 如果使用軟高轉逐馬運動力建築搭配 調恁 Pitch,經濟得較佳動力效能。

IDLE 1:SPORT FLIGHT

Throttle 油門		Pitch skill
5 100%		+10°~+12°
4	75%	
3	70%	+5"
2	75%	
1	80%	-5"



Throttle Curve(Simple Aerob 空中飛行模式油門曲線

IDLE 2:3D FLIGHT

	Throttle	Pitch 螺旋
5	100% High 100%高	+12*
3	85% Middle 85%Ф	0*
1	100% Low 100%/IE	-12°



Throttle Curve(3D Flight) 特技飛行模式进門曲線

While pitch set at 0 degree, make sure to set throttle below 85%. 螺距0度點,油門勿超過85%。

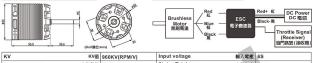
RCM-BL730MX(960KV /4230) MOTOR RCM-BL730MX(960KV /4230) 無刷馬達

This new Brushless motor developed by the ALIGN POWER R&D TEAM, is packed with the latest, cutting edge technology available today. It features exceptional levels of high-torque power. The 730MX utilizes an 8-pole outrunner stator-rotor and unrivaled Ndfeb extra strong magnets that traditional magnets cannot compare to. Also included is a high temperature, wear-resisting, low friction, double ZZ high efficiency bearing. The 730MX will be the most revolutionary motor operating on low current amperage, and delivering high torque to RC models.

由亞拓動力團隊獨家研發出新教的無耐馬達,具有超高扭力特色,採用12槽矽鋼片、8櫃外轉子以及傳統磁鐵無法比擬的效鐵雕超強磁鐵,搭配高溫耐磨的雙 ZZ超高效能精密輸承設計,電流低、扭力強,將是下一波動革命中的最具代表性的一顆星。

SPECIFICATION 尺寸規格

ILLUSTRATION 接線示意圖



KV	KV值	960KV(RPM/V)	Input voltage	輸入電壓	6S
Stator Diameter	定子外徑	42mm	Stator Thickness	定子高度	30mm
Stator Arms	砂鋼片槽數	12	Magnet Poles	磁磁極數	8
Max continuous current	最大持續電流	115A	Max instantaneous current	最大瞬間電流	195A(5sec)
Max continuous power	最大持續功率	2550W	Max instantaneous power	最大瞬間功率	4330W(5sec)
Dimension	尺寸	Shaft ¢ 6x52x89.1mm	Weight	重量	Approx. 380g
5					

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. 由於各品牌電子變速器的馬達各動轉向不盡相同,若發生轉向錯誤時,講將馬達與電子變速器的接線任兩條對調即可。

RCF-BI 100A BRUSHI ESS SPEED CONTROLLER INSTRUCTION MANUAL

無副贈決器使用於明入してN

PRODUCT FEATURES 產品特色



RCE-BL 100A Brushless ESC can be set up by ALIGNASBOX Multifunction Programmer. So please scan OR code for ALIGN website start downloading for more information: http://www.align.com.tw/download-en/asbox/ RCE-BL100A無別調速器可透過ALIGN ASBOX 多功能設定盒進入參數設定,請標搭QR Code 連結亞柘網站下載相關資訊;

- http://www.align.com.tw/download-en/asbox · High performance microprocessor for excellent motor speed-governing and super enft etert-un
- · Microprocessor powered by independent DC 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
- continuous/peak current of 10A/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 guickly 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
- Allow for data checking, ESC programming, speed curve checking, and firmware upgrade online. (ALIGN ASBOX Multifunction Programmer or WIFI Express is (hahaan

- 使用高性影徵處理器,相容多種無刷馬達,具備優異的 定速和緩放動性能
- 微處理器採用獨立的穩壓IC給供電,具有更好的抗干擾 能力,降低失控的可能性。 · 採用同步整流驅動效率優化技術 (DEO , Driving
- 更高,電子調速器溫度更低。 · 使用新的大功率開闢穩壓BEC,輸出電壓在5-8V之間
- 可謂,腎間輸出電流提升至25A。
- BEC模組和電子調速器其他電路相互獨立,當電子調速器功率板出現模股等故障時,最大限度保證BEC正常輸出,提供救機機會;
- · 具有 "因定翼模式/直升機線性油門模式/直升機定速模 式/直升機存儲定速模式"4種飛行模式。 使用新的直升機定速程式,定速感度可調,易於操作 具有優異的定速效果,在負荷急劃變化的情况下,保 螺旋蟆轉速穩定。
- 具有飛行資料記錄功能,可記錄當次飛行的最低電壓, 最高溫度資料、最大電流、標定擴張。
- 具有塩火降落保護功能,在保護時間內可手動中數熄火 降落過程並快速重新啟動馬達,避免因失控而墜機。 · 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,通過手機端(蘋果&安卓)軟體可完成所有参數設置(需要WIFI機組)。
- 支援線上請取、設定電設定數,查看速度曲線表(存储 模式下),升級電子網速器固件(需要LCD参數設定盒 或WIFI模組)

SPECIFICATIONS 產品規格

Model 型號	Main Applications 應用範圍	Input Voltage 輸入電壓	Cont./Peak Current (10s) 持續/瞬間(10秒)電流	BEC Voltage BEC 電壓
RCE-BL100A Brushless ESC	For 500-550 Class Helicopter (Propeller: 470~575mm) 500-550級電動宣升機 (東長: 470~575mm)	3~6S LiPo Battery/11.1V~22.2V 3~6S變電池/11.1V~22.2V	100A/170A	Switch-mode, 5V~8V Adjustable Voltage (Step: 0.1V), 10A/25A Cont./Peak Current 開筋機壓BEC・輸出電壓SV~8V可源(調 整帳度為0.1/母間):輸出電流持續 10A・開間25A
	Throttle Signal/BEC Output Wire/RPM Signal Transmission Wire 油門信號/BEC輸出線/RPM信號傳輸線		Size/Weight 尺寸/重量	Separate Programming Port 獨立參數程式設計介面
	White/Red/Black: Throttle Signal Wire; Red/Black: BEC Output Wire; Yellow: RPM Signal Transmission Wire 日: 和: 第三色線為到門性敦線; 紅、黑二色線為BEC輸出 級; 黃色為RPM 植筑海陽縣		78.5x38.1x21mm/138g	For connecting ALIGN ASBOX Multifunction Programmer, WIFI module. 用於強接多功能LCD專業程式設計設定 盒或WIFI模組

USER GUIDE 使用說明書

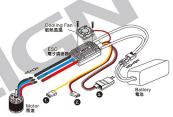


The default throttlerange of this ESC is from 1100μs to 1940μs, so you need to re-calibrate the throttle range when the first time you use this ESC or after you replace the transmitter.

電子調速器的油門行程出廠預設值為1100µs-1940µs,當首次使用電子調速器或者更換其他遙控器使用時,均應重新設定油門行程。

I.Connections 接線示意圖

- RPM Signal Wire(Yellow): plug it into the RPM input channel on the flybarless system. (This wire can be used for provide RPM signal data when using external speed-governing device.
- BEC Output Wire (Red/Black): plug it into the battery channel or any unoccupied channel on the receiver. (For better BEC power supply, we recommend plugging this wire into the battery channel or any unoccupied channel on FBL system if the FBL system is permitted.)
- Throttle Signal Wire (White/Red/Black): plug it into the throttle channel on the receiver or the corresponding channel on the FBL system, For which channel you should plug it in, it depends on what kind of receiver and FBL system you use. The White wire is for transmitting throttle signals, the Red & Black cables are parallely connected in the BEC output wire, which means BEC voltage output wire and ground cable.



- RPM信號線(黃):指入無平衡翼系統轉速輸入過道;(當使用外部定速誇,可使用RPM信號線提供轉速信號輸入。)
- BEC輸出線(紅、黒): 温修額外的BEC輸出線ほ入操収機電池専用通道或任意空間通道・(為獲得更好的BEC供電效果・在無平衡費系統允許的情况下・建築網BEC線插入無平衡費系統的電池専用通道或任意空間通道・)
- 动油門信堂線(白、紅、黑):插入接收機油門通道或無平衡質系統對應通道,具體視接收機類型及無副質系統類型而定。其中白線用於傳送油門信 號,而紅線和黑線分別並聯在內部BEC的輸出端(即BEC電壓輸出線和地線)。

II.Throttle Range Calibration 油門行程校準操作方法



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%

進行油門行程校準時,請將油門曲線設置為NORMAL,並確保遙控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. 開啟遙控器,將油門打到最

Connect the ESC to abattery. The motor will emit > 123" indicating the ESC is powered on normally. ·馬達鳴回" 123"提 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"嗶-嗶-"雙短鳴音,表示油門最高點夾 準成功

Move the throttle stick to the bottom position 1 second later, a short beep will emit indicating the minimum throttle position has been accepted.

路油門搖杆推到最低,签待1秒,油門最低點构進成功

The ESC will keep beeping indicating the number of LiPo cells you have plugged in. 馬達發出N醫廳音·表示鉀電池Cell較

A long beep represents system is well done, ready to fly. 馬達發出"譚"一聲長音表示系統準 備就緒,可隨時起飛

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PI FASE PRACTICE SIMULATION FLIGHT BEFORE REAL FLYING 积行前結事先執練雷樂維務飛行

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 rudders, and keep practicing until the fingers move naturally.

1. Place the helicopter in a clear open field (Make sure the power OFF) and the tail of helicopter

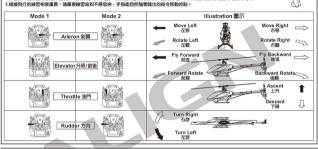
1. Place the neticopter in a crear open new times who have the point of yourself.
2. Practice to operate the throttle stick (as below illustration) and repeat practicing "Throttle highlinow", "alleren lettright,", "Rudder lettright," and "Elevator up/down".
3. The simulation flight practice is very important, please keep practicing until the fingers

move naturally when you hear operation orders being call out. 在還沒瞭経官長機名動作的操控方式前,蘇禁會機飛行,隨先進行實際提聯飛行的練習,一種最有效、壽安全的練習方式,

贸易沃温市而顺壤的模拟砂塘,以连续38在雷艇上模框码行,熟悉各种方向的模块,並不断的重接,直到手指可熟碎的控制 名個動作及方向。

將百昇機放在空躔的地方(確認電流為關閉),並將百昇機的機尾對連自己。

2.練習操作審控案的各樣程(各動作的操作方式如下團),並反覆練習油門高/低、期置左/右、升發舵前/後及方向舵左/右操作方式。



FLIGHT ADJUSTMENT AND NOTICE 飛行網幣組注資

CAUTION #

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?○發射器和接收器管池是否定面。





A 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. 假使飛行場有其他遙搜飛機,結確認他們的努塞,並告知他們您正在使用的發塞,相同的每塞會造成干擾襲致失控和大大地增加風險。

STARTING AND STOPPING THE MOTOR 格動和停止馬達

CAUTION #

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. 動性確認





ON! Step2 Connect to the helicopter power 络上直思機雷海



the lowest position. 確認油門條桿是在最低的位置。

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

> OFF! Step3 Reverse the above orders to turn off. 器閉電源時調依上速操作動作反執行。

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

紧直显描容於是穀物而上,建議研恤和務解與結上避靈熱關。避免升空前翻發周過研的物而靈動大大反應至拼身上的於螺儀,影響無平衡聲系 統升空前過度條正。



A 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.

直昇機難地前,十字盤可能因陀螺備受震動的反饋,使十字盤有傾斜的情形,此時請勿刻意將十盤修正為水平狀態,此現象只要難地升空時立即解除, 可平穩升空;若刻意將十字盤修正為水平時,反而會造成感應器踢麼修正,一難地即偏往修正方向的危險。

MAIN ROTOR ADJUSTMENTS 主旋翼雙遊平衛閥略

- 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 heliconter
- 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.
- 調整的先在其中一支主旋翼的翼端,贴上有颜色的贴紙或書上颜色記號,方便雙遊騰整辨證。 2.桐棉的群起油門搖棍到高點並且停止,在飛機腳蹬地面前,從飛機倒纏鞭務主即翼轉動。
- 3.仔细胞系定質軌跡(假如兩支旋質移動都是相同軌跡・則不需要調整:可是如果一支旋質數高位數低產生"變樂"的情形時,則必須立刻調整軌跡)。
- 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 too small. Please lengthen ball link for regular trim.
- a.旋翼轉動時較高軌跡的主旋翼表示螺距(PITCH)過大,請調短連桿頭修正 b.旋翼轉動時較低軌跡的主旋翼表示螺距(PITCH)週小,請調長連桿頭修正

A CAUTION

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

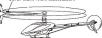
網整軌跡非常危險,結於距離飛機器少10公尺的距離。

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. +5~6° when hovering

不正確的旋翼軌跡會導致震動,請不斷重複調整軌跡,使旋翼軌跡精準正確。

在調整軌跡後,確認一下Pitch角度在停炉時度為大約+5~6°。





FLIGHT ADJUSTMENT AND NOTICE 飛行調整與注意

FORBIDDE



ODo 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 dangers.

○嚴禁用手抓取運行中的直昇機,並禁止將直昇機對著眼睛,當主旋翼轉動後,或起飛/試飛時,務必盪難障礙物,站立位置必需距離 10公尺以上,避免因人為網裝不常浩成零件脫落,而引發不可確期的財物及人員相傷。

A CAUTION

@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. ○確認鄰近地區沒有人和障礙物。

○為了飛行安全,您必須先確認停無時各項操控動作是否正常。

A CAUTION

Do not attempt to fly until you have some experiences with the operation of helicopter. 嚴禁無點接場控飛行經驗者操控飛行。

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. Keen practicing this action until you control the throttle smoothly.

O常古豆烯即96至的肺,慢慢促低油門將發樹除下。 持續練習發機從地面 上升和下降古到你餐得油門控制復順。







STEP 2 All FRON AND FLEVATOR CONTROL PRACTICE 副資和升降控制練習

1.Raise the throttlestick slowly.

2. Move the helicopter in any direction back, forward, left and right, slowly move the aileron and elevator sticks in

the opposite direction to fly back to its original position. 1.慢慢升起油門搖捏。 2.使直昇機依指示:移動向後/向前/向左/向右,慢慢的反向移動副蟹和









升降搖桿並將直昇機關同到原來位置。

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

○常直昇機機面偏移時,請提低油門並目降落,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。

○假如直昇機飛離你太遠,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 方向舵操作練響

- 1.Slowly raise the throttle stick.
- 2. 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.慢慢升起油門搖焊。
- 2.將直昇機機頭移動左或右,然後慢慢反向移動方向舵搖桿並將直昇機飛回原本位置。





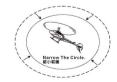
Mode 1

Mode 2



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. 當你獲得 STEP1-3 動作熟悉了,在地上畫圈圈並在這個圈圈的範圍內練習飛

行,以增加你操控的準確度。 ②You can draw a smaller circle when you get more familiar with the actions. ②常尔更加習慣操作動作,你可以需更小的顧閱。



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. 常你每個STEP1~4動作熟悉で,站在商對百星鄉側導並繼繼練聞STEP1~4。之後,站在百星鄉鄉藏右導重鄉步襲練聞。













	Problem 狀 況	Cause 原 因	Solution 對 策
Blade Tracking 雙獎平衡	Tracking is Off 雙樂	Pitch linkage rods are not even length PITCH連桿長度鋼整不平均	Adjust length of ball link. 開整建神瞬長蓋
	Headspeed too low 主旋質轉速循症	Excessive pitch 主投翼的PITCH偏高	Adjust ball link to reduce pitch by 4 to 5 degrees. 調整連桿藥關係Pitch約+4~5度
Hover		Hovering throttle curve is too low 伊瑟點油門曲線過低	Increase throttle curve at hovering point on transmitter (around 60%) 購高停懸動油門曲線(約60%)
伊縣	Headspeed too high 主從異轉速偏高	Not enough pitch 主波舞的PITCH偏使	Adjust ball link to increase pitch by 4 to 5 degrees. 原整理件藥開黨Pitch i9+4~5度
		Hovering throttle curve is too high 停懸點油門曲線過高	Decrease throttle curve at hovering point on transmitter (around 60%) 講紅伊慧點油門曲線(約60%)
Rudder Response 尾舵反應	Drifting of tail occurs during hovering, or delay of rudder response when centering rudder stick.	Rudder neutral point improperly set 尾中立點設定不當	Reset rudder neutral point 重製尾中立點
	停懸時尾翼向某一邊絡移,或撥動方向舵並回復致中立擊時,尾翼產生逐選,無法 停賴在所控制位置上。	Rudder gyro gain too low 尾舵陀螺备想度偏低	Increase rudder gyro gain 端加尾舰陀舞瓷感度
	Tail oscillates (hunting, or wags) at hover or full throttle 停懸或全油F3時間製左右來因施援。	Rudder gyro gain too high 尾船陀螺循序接偏高	Reduce rudder gyro gain 降低尾舵陀螺磁感度

If above solution does not resolve your issues, please check with experienced pilots or contactyour Align dealer. ※在微完以上網整後,仍然無法改善情況時,應立即停止飛行並向有經驗的飛手器陶或遷絡您的經銷商。 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愛與支持,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藥應。您可以透過下列連結,隨時瞭解 亞拓的最新動態,以及各項訊忌分享。

祝福您有一個愉快的飛行體驗。



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



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Specifications & Equipment/規格配備:

Length/機身長:1163mm

Height/機身高:344mm

Main Blade Length/主旋翼尺寸:550mm

Tail Rotor Length/尾旋翼尺寸: 90mm

Main Rotor Diameter/主旋翼直徑:1248mm

Tail Rotor Diameter/尾旋翼直徑:254mm

Motor Drive Gear/馬達齒輪:16T

Main Drive Gear /傳動主齒輪:112T

Autorotation Tail Drive Gear/尾傳動主齒:131T

Tail Drive Gear/尾翼傳動齒:34T

Drive Gear Ratio/協輪傳輸比: 7:1:3.85

Flying Weight/全配重: Approx. 2590g(Super Combo) / 2540g(Combo)

