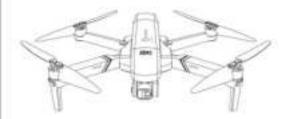




F114K PRO FOLDING DRONE



- UETRAPORTABLE AND FOLDABLE -

in order to home convitted it treets the requirement of the electromagnetic environment of the eviation radio station, Tyrog within the copie of 12 information or each side by taking the alignot survey senter fee as the modific line is select, YOUNDOOS or flying within the supple of 26 information by taking both ends of the expect as the senter in 1650-17 FORMOOS. Fying on the code of the either is side PECINITEC. Sop using all limits of their problem or sendened Qualification to the AMIA that problems by related authority or department of our sounds.

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PREFACE

Trank you for porchasing the SJ Series GPS sixcraft. Please read all instructions and wurnings carefully before operating. Please also keep this instruction rearual for future reference and maintenance.

- 1. This product should be operated by the people who are over 14 years slid. It is a precision device; integrating trachinery and electronics with an exechanics and high frequency transmission. It requires cornect assembly and debugging to assist any accident. The user should operate and control this product in a safe reserver. In case of recovert operation, it may a sale senses injury or
- damage property. It can also be lost due to incorrect operation.

 2. This product is suitable for experienced UKV pilots on less than 14 years of
- ege.

 1. In the event of a problem during using, operating, or maintenence, please contact the local sales agent or retailer or keep in brach with the responsible staff of our company.

SAFETY PRECAUTIONS:

This RIC arcraft can be dangerous when in use, please make sure you keep it for away from any persons or spectators when flying, in-correct installation. poor conditions, or soons not familiar with operation may cause damage to the accreft or injury people or may cause an arrespected accident. Please pay close attention to flying safety and learn to recognize more dangerous conditions which may nause an accident due to your nwn engligence.

1. King it far away from any structures or crowds.

This N/E direct may very slightly in apped or use utility while flying and can cause potential danger. Therefore, please keep it for away from crowth. buildings, trees, structures, high-soltage wire, etc. Please who exold flying in adverse weather conditions such as rain, electrical storms, and high winds. is ensure safety of the user, any spectators, and summarking property

 Keep It away from any moint environment.
 The inside of the eircraft is comprosed of many precipion electronic and recharical parts. Therefore, please by to avoid any moleture or water content from entering the main body of the aircraft as it may cause a breakdown of the reschanged and electronic parts and those sauce an excident.

3. Only operate with included parts for intended use.

Please use the original parts made by \$3-beries for any re-equipping or maintenance to ensure flying safety. Please operate and use only under the scape of the product function permitted. Using un-approved parts will void

DO NOT use for any illegal purpose or use beyond the scope of which your local. laws and regulations have expulated.

4. Avaid controlling it independently.

New upons may have contain difficulties during the early stages of learning to operate this secret. Please by to send operating the abstract since.

When enables, always operate this assist under the quistance of a more. operienced user.

5. Do not operate under the influence of drugs or alcohol.

Please operate this R/C aircraft according to your own state and flying skill, Any fatigue, bad mental state, or incorriect operation may increase the

 Please keep a safe range from alroraft when saling tap speed.
 When the operator is flying in high speed, please keep the aircraft for from the pilot and any surrounding persons or objects so as not to cause slanger. or derrage.

7. Store it in a cool, dry place,

The B/C obtrolf to composed of restorial such as metal, tiber, pleate; electronics, etc. Therefore, please keep it away from any heat source and avoid protonged exposure to direct sanitight. Excessive heat exposure can cause disturtion and damage.

- . NOTE: This equipment has been texted and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These lettis are designed to provide reasonable protection against harviful interference in a neidertial nephilation. This equipment generates, sees and can callate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.
- . However, there is no guarantee that interference will not usual to a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is excouraged to by to correct the interference by one or more of the following measures:
- · Recrient or relocate the receiving arterns.
- Increase the separation between the equipment and receiver.
 Connect the equipment into an outlet on a circuit all heren from that to which the receiver is connected.
- . Consult the dealer or an experienced radio, TV technician for help.
- Please note that changes or modifications not expressly approved by the party responsible for compliance could void the stat's authority to operate the equipment.

WARNING

- 1. There is important information contained in this package and instruction manual, please keep it for feture reference.
- You have the responsibility to make ours that this model of aircraft wor't oware injury to others' body or cooks any demage to property.
- Please operate strictly as shown as the instruction menual when debugging or assembling this accreat. During the process of flying or landing, please pay more attention to keep 1-2 meters between the uper and the arcs aft to avoid colliding to the head or face or body, which may cause triony.
- 4. Our company and distributors won't be responsible for any incorrect operation.
- which may cause lists or damage or many to the body.

 5. Onlither ages 14 and up: about fuse this product under the guidance of an
- infulf. This product is FG4ERDGEN to be used by children under 14 years old.

 6. Please correctly assemble and use this product as shown on the instruction.
- manual or packing instruction. Some parts should be assembled by an arbiful Small parts are included with this product. Please place it beyond the reach of the children to excid a CHOKING HAZARD or parts being micrakenly bewellowed.
- 8. Playing on the road or year high traffic areas is whichly FORBICOEN so as not to cause an accident.
- 9. Heate dispose of the packing material timely so as not to cause injury to
- 10. Please DC MGT disassemble or re-equip the aircraft as it may base a
- breakdown of the aboutly having figing. The Batheries in the battery compartment of the charger should be search not the designated power source which has the same logs as the product.

 12. Built-in rechargeable 3.74 Strium polymer bettery included in the triansmitter.

 13. Gely the original sharper made from our factory can be used.

- Charger is not a toy.
 When charging the bettery, please conduct it under the surveillance of an adult. Please also keep X for away from any exrebustible object when charging. Please keep this accords within eyesight when changing.

 16. Please SD WOT make it short-consisted or agreeme the battery so so not to
- course an explication.
- 17, DO NOT mis the Li-lon battery with a different type of buttery.
- Intelligent lithram bettery is headed in the Quad-rater. Both halfow or external can be used for charging.
- 19. Please DO NOT make the bettery short-circuited or decompose the bettery or throw the battery into the fire; DO NOT place the batteries near the high temperature or heated area (such as near the five or near the electric heating slavical.

- 20. The sincraft should be kept for eway from any other electric compliance or inquipment as for an possible or kept for away from the place where having the magnetic object nearby as they may cause interference with each other.
 21. Please keep the safe distance from the high-speed natating room as as not to cause twisted or danger of being wounded or being out.
 22. Engine will heat up. Please DO NOT touch it is lengt being barned or injured.
 22. Please DO NOT close this product to your war as it may cause injury to your.

- hearing. 24. Mini USB SV wall charges reconstranded for charging, DO NOT use any charges
- who cool of war charge recommended to charging, 50 not due any charge stronger than 5V.

 25. To comply with the command of the magnetic environment requirement formulated by the Ariston Radio Bureau and the related extincts, during the regulated period in certain areas, please stop using the transmitter of the model when such regulation command is issued.
- 26. Keep year UAS within sight.

- 20. Never fly over proups of people.

 20. Never fly over stadiums to sports events.

 20. Understand singurar restrictions and requirements.





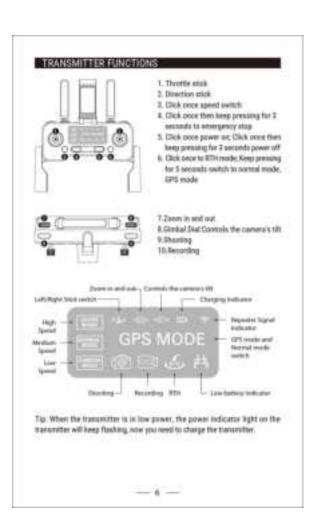




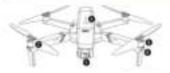
WARRING: Product should only be used by adults and oblidies 14 years and older. Adult supervision required for children under 14 years of age.

WARRING: CHARGING OF THE AIRCRAFT BATTERY MIGHT BE SUPERVISED AT ALL TIMES BY ASI ADJUT. UNPLIED THE BATTERY WHEN FIRLY CHARGED DO NOT OVER CHARGE THE BATTERY.









- 1, 2-Auto stable Simbal 1. 2 Aus states targe 6K Will parent 2. Propeller 3. Water 4. LED indicator 5. Intelligent battery

- Open the girable cover buckle.
 Pull the girable cover up then gently take it off.





1. ASSEMBLE THE PROPELLER

Please note that the letter "A" or "B" is proted an each propeller, and make sum all the propellers are attached in the connect motor position.





2. INTELLIGENT FLIGHT BATTERY



- Bettery switch
 Bettery power indicator
 USS changing part



- Hold the welch button for 2 sec. power on, then press the button for 2 sec.
- power set.

 When the before in low voltage. The indicators will be blooking, now please charge the battery.

-1-

3. CHARGE THE BATTERY









About 4.5 hours (Depending on Charging adapter)



Remote control charging method

4. LITHIUM BATTERY CHARGING INSTRUCTIONS

- 1. Either power on or power off, the alexant can be charged. Connect the ISB charges to an ISS power supply(4,1Y-5-3Y, IA-2A), and then connect with the chargesig part of the alexant, when in charging, the redicator us the arcraft will become Blue blinking, when fully charged, the indicator on the alexant will become Blue blinking, when fully charged, the indicator on the alexant will become be charged by the mabble power or car-leveled power.

 2. Quad-capter son be charged by the mabble power or car-leveled power.

 3. Charges time takes about A.5 hours, operating time takes about 28min.

 4. Remote control is built-in 3.7V 300mAh lithium polymer battery, charging time takes about 25min. (Outbery indicators turn RED during charging; indicators turn to SOLIO BLUE when hully charged).

(When in charging, the indicator on the transmitter become Red, when fully charged, the indicator on the transmitter will turn to colid Green).



Tivottle Joystick



Direction Jayetick





FLIGHT

Step 1: Turn on the abstraft and set down on a level ourface.

- The aircraft will auto-trim to this livel earline.
 Four aircraft arms Blinking Red.



Step 2: Power on the remote control

- Power on the remote control and link the alteraft automatically.
- Lights flashing blue (beck) and white (frant).
 ROTE, You consent to the REFI at this time to view the current drane on the ELF PRO App, or well until after GPS in calibrated.

Step 3: Connect APP

— Connect your smart plane to the WEF of arcraft and shock the secretify status on the "ELF PRO" APP.

Step 4: Company Calibration





- - 1. Company Calibratus Part 1 Push the joyalicks into the 1 & 11 o'plack
 - position.

 Lights rapid-blinking Blue/red (huck) and Wildle/red(front).
 - App storaft status: "Gorgans calibration".

Bensels. The company will be califorated automatically when the magnetic interference occur, it is not necessary to califorate the company by manually.

- 0 -







- Company Celthration Part.1
 Keeping the shore level, pick up the shoraft from the back and rotate your body in one full circle (360°).
- Back Sights will turn to solid blue.
- Company Calibration Part 5
 From the bottom, hold the aircraft vertically and common in facing to the ground, roboting your body in one full circle(360°).

 - From lights will turn to colid white.
- App ainself status: "Company calibration shay'.

Stop S: Report to Factory Setting/Calibrate Gyrossope



- Push the joyaticks into the T1 & 1 o'clock position.
- Lights rapid-bloking blue (back) and white (from).
- App Onne Statut: "Dynnscape in being salibuted" "Dynnscape obay".
 NOTICE Make ourside aircraft on a flat

surface to collbrate gyroscope.

Step 5: GPS Searching (SIO NOT use SPS Made Indoor)



- Set the second back down to level surface.
 Lights seture to rapid blinking blue (back) and white (front) This means the drose is searching the GPS signal.
- This process can take a few minutes.
 App aircraft status: "Making for SPS signal".

NOTICE: Fly in open areas, tall structures and large restal structures may affect the accuracy of the enboard compass and SPS cyclem. Please search the GPS signal in the upon areas.

Starting/Stopping motors





- Push the investigations 5 & 7 o'classis position.

- Motors autocoatically to erart, push the left juystick to take off the aircraft. (Starting the incture liefers the siveraft taking off).

-- 10 --

- NOTE: Sharting the exotory should be set before the aircraft take off.

 Stopping Monors:

 1. Pushing the joisticks into 3.4.7 e/slock position again, restors stop working.

 2. The existent will stop working if the exotors starting are not operated after

- All LEDs on the front arms and rear arms, you are ready to fly!

 thus (back) and white (front) lights on all solid (no blinking).

 Age alocals status. "Seedy to fly".

Dual Remote Controller Mode



- Power off the remote control.

— Power off the remove control.
— Keep persoling that £5°, clocking that £5° synchronously, the remarks control berga twice indicating the right poyalist change to the friends stick, the LED indicator ≠ ½, → DFF.
Turn off the remote control, then Keep pressing the £5°, clocking the £5°, synchronouslyttle remote control berga twice indicating the left joyalish change to the throttle stick, the LED indicator ±½, → DFF.















Right Stock





NOTICE: The LES indicators on the frost serve (settle) and resc arms (black keep flushing if the GPS signal is weak; Keep pressing , E, for 5 seconds on the remote control to burn off GPS mode, aircraft can be took off.

WAY POINT FLIGHT

- Make ourside mobile intercet connected, enter in the APP, catch the map data of the area when you intend to fig is payr mobile desice, then connect your mobile device with your animals, you can view the map from in the APP.
- Successfully connect the arroraft WiFI with your amort phone, click the Age, their year centified a RED CIRCLESS MITTED FLXOHT BANGES/TAXX-CET POSITION/WIRCHAFT CURRENT POSITION on the risig, must the points (16 points at most) you plan to fly within the #ED CREAE range on the map.
 If you would like to result the points or flight rooms, clock could be to result the points or flight rooms, clock could be confirm to start Way Point Flight. Positing the Right Jayystock to cancel the Way Point Flight Function.



POINT OF INTEREST





- Howering the aircraft annuald the center point.
 Press* 10: * Sim* for the transmitter at the same time.
 Moving and setting the aircraft command radius range (within I reviews 100).
- reterribly the Direction Josephick.

 4. Press * 22 + 25e * on the transmitter at the same time again, then the simple status to fly around according to the redian samp year set in STEP 2 (Note: If the summend radius range less than 2 meters, the simple will fly to 2 meters automatically). Move the Direction Josephick to cancel the
- Point of interest mode.

 MUTE: Press * (*) * (file * on the transmitter at the surse time, Point of interest Function" can be activated if the aircraft and transmitter sunanafally pained and the aircraft files up.

PRODUCT FUNCTION PROFILE

1. EMERGENCY STOP







Casting once and keep presump the TISP for 3 seconds to enter into Exergency Stop mode. It is activated if the Right beight of seconds within 13 meters, otherwise, it is not activated.

Gely stay motors mol-Right to emergency when during so can reduce the risk of damage or injury.

2. GPS FOLLOW-ME

When the Follow Ne function activated, the siturals will follow the GPS in your broad phone to follow you wherever you go.
[Make save the smart phone connect with the about it successfully, turn on

- APP on your smart phone investigation are not one arrived accession, non-on-APP on your smart phone.)

 1. Make num the flight scope is within 10-100 meters.

 2. Dick 3° on the APP interface.

 3. Waiting for APP aircraft Status to display "Tollow Me reads"—How the aircraft is making along with the positioning coordinate on the APP.

 4. Click the 3° on the APP interface again to exit the Follow Me mode.

Common Issues:

GPS Follow-me function will be affected by the tall structures, trees and the Eving areas with IEEE signal interestice.

OPG Followine function is not activated if the GPG signal week or GPS.

positioning DFF in the mobile device.

Use to open area and to recreif of your surroundings. Avoid to 500T equipped with challeds avoidance.

3. IMAGE RECOGNITION FOLLOW ME/GESTURE CONTROL

Dick \mathcal{G} , choose \mathcal{H} , top on the object or person you want to track, and topto confirm your selection.

(NOTE: Make one the size of the forme you mak is the same so the object. or person you tap, the frame about not be too large;)

Click on the APP, count down 3 seconds to 0 seconds with the hand muston to take photos or record the sides, please follow the tigs from the (PIC.1).



S. RETURN-TO-HOME (RTH)

The Return to Home (RTH) function broug the aircraft back to the Take Off Point. This function only can be achieved under GPS mode. There are 3 types of RTH: Smart RTH/Low-battery RTH/Fail connection RTH

3). Smort Return To Home



Press the Return to Horse Bulton on your Transmitter or tap on the App of your wheet phone, and the transmitter will start beging. Your avoid will return to the TANX OFF Point. Press the button again to stop RTH procedure, or when the left and right psystoke to make the accordit landing in the safe area.

Sichme

1 The may a #111 Bullion

3. Low Buttery return to home

Low Battery RTH is triggered when the Flight Battery level is low, When low battery RTH activities, except accords or descends automatically at the height attails of 20 maters, then you can after the left and right jupities to make it lending in the safe area. Aircraft returns to the take-off point if the correct battery level can only support the aircraft long enough to decend from the current abbuds.

III. Fail connection RETURN-TO-HOME (RTH)

Accords will enter Return to Home Mode if the signal to the transmitter is lost. The alcost's will return to the take-off point. The alcost's may link the remote control automatically thining the RTH activated. If links successfully, you can re-operate the aircraft.



A WARNING:

This aircraft is NOT equipped with obstacle evoldance.

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6. TRIM UNDER NO GPS MODE

If the aircraft files under NO GPS Mode, you can birn the avoraft to dittain more balacced flight. Keep pressing (2) beep sace, and you will enter the trim mode. Push the direction juystick to the opposite side that the aircraft drifts to reliabance the sincraft. For example, if the sincraft drifts to the left, push the direction joyelick to the right to make the aircraft isolanced. Release the CDL, east the Tries Mode.

DOWNLOAD THE SJ GPS PRO APP





QR code of "SUF PRO". coftwere for Apple IOS system (Please scan this QR code to install (his software).

OR sode of "SJF PRO" as flware for Android system (Please scan this CR code to install this software).

- Connect the power of this model, and then access into "SETTING" in the arrant phone, upon the "WIF" and find the "SJF PRO_XXXX". When the link is successfully connected, phone exit the "Setting" option.

 Open "SJF PRO" software in the smart phone to access into the control introduce.

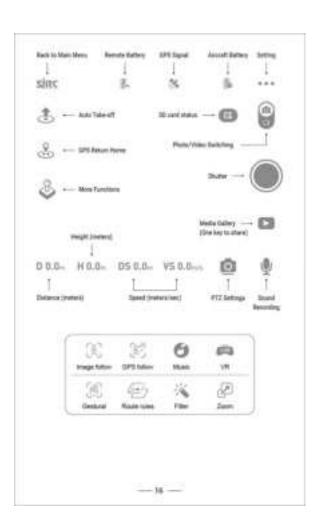
APP FUNCTIONS

1. APP INTRODUCTION

Wat until the sircraft Status says. "Beady to Fly" before extrating flight. This will ensure that your GPS is spinced and your aircraft is ready to fly.



- 11 -



2. APP ONE KEY SHARE FUNCTION



Pic.1



Pk.I



- Open the APP, click \$20, enter into the file (Pic 1.)
 Ofick once or press (in to choose the photos which will be shared, click (in, choose the platforms that need to be shared) Pic (1).

Remarks: The say share 1 pocket or 8 pollution of the same time. But Drift one collect can be shared each time.

-v-

3. HOW TO SEARCH THE LOST DRONE

(i). Continue to click Support #8 to open the MAP surface to energh the aircraft.



II. The last position of lost aircraft will be appeared on the MAP.



Current position of the mobile phone

4. FLIGHT

The Sefault GPS Mode is BECOMMEN MODE: 1. Flight Statusce in between 0-35 M. 2. Flight Altitude is between 0-30 M. 3.8TH Altitude to under 20 M.

You can Turn off the BEGOWER MODE to set the parameters in the AFF from the smart phone.





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CAMERA FUNCTIONS



Chick (C) on the serrote control, or click (C) on the APP, the indicator (III) will flash once, means the camera takes one photo.
Clask This on the remote control, or click to the APP, the indicator to

will keep fleating, means the camera is recording

Press The again to care the video.

DO NOT take photo during recording.

NOTE: Were using the "SJF PRO" app, the original photos and volters will be compressed and saved to smartphone.



The Original images and videos are saved in the TF card. Press the SD card slightly to take it out, then imaget the card reto the card reader and imaget accords USB outlet of a computer to read the data from SD card.

The images can be also newed in the Ago.

SPECIFICATIONS

• Onane

MODEL FIT 4K PRO Weight (Including Bettery): 595g/20.6cc Flight Tene: About 25 min WIF) real: time transmission distance: about 1200er (Depends on the ensitoement and the mobile device). Motor Model: 1806. Operating Temperature Range: 20" to 194" F (0" to 40" C) Safelite Systems: GPS/SLONASS Dimensions (Lettin): Unfolded: 45843.500(cm) Folded: 17.6X10.5X8(cm)

· Gentul Sublitation: 2-eris (Ktrof)

Machinical Range: Tilk About -100°TD+70° Roll About -35°TD+35° Controllable Range: Adjusted angle of camero jup and down): About -60°TD+8°

· Carneta

Lens FOV.100°
Equivalent Focal Langth; 600M
Focas range: Fixed Focas
Ranabation of photo: Proces 384002160° SD card 3640X2160P Resolution of oldes: Phone 1280X720P SO card 3640X2160P Photo Format: JEPG Video Format: JSP9
Video Format: MP4
Supported SD Cards: Micro SD card (Class
10,021 or Sater) 325-1295
Supported File Systems: FAT32



• 55 Trenantation

Supported Transmission Protocol: 862.11s; 862.11s/20; 802.11s46 Max Transmission Distance (anabetracted and fine of Interference): 1200m/depend on the mobile device) Video Transmission Frame Sate: 30FPS

-- 20 --

◆ APP / Live View

Missie App: SJ F PRO

Live View Quarty:

CONFIGURATION	SALE METHOD		RESOLUTION	Please on to
	Pura	Ploto	3840KZ186F	
		. Video	138687209	30 to
	Street P	Photo	384002166F	32 tue
		Video	28 WOOC716/0F	

Required Operating System: IOS 9.5 or fater/Android 5.5 or fater

Trimimitte

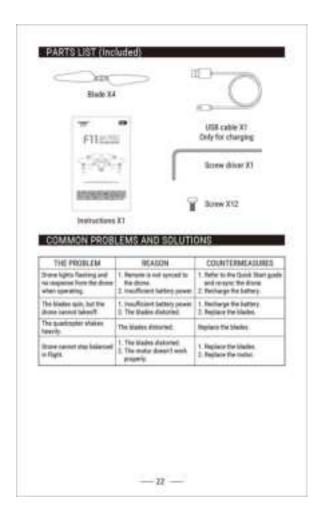
Operating Frequency: 2.4 SHz
Capacity: 300 mAN
Operating Yorkspir 3.7V
Max International Melanine Up to 1500m (Cettinox and enabatrached.)
Max Charging Time: 25 mile
Operating Time: About 11 Hours
Mobile Device Holder: 4.7 to 4.5° Smart Phones
Operating Temperature: 32° to 194° F (10° to 40° C.)

· Intelligent Flight Battery

Capacity: 2500 mWk
Voltage: 11, 1V
Battery Type: Li-polymer
Energy: 37, 75Wh
Ner Meight: 195 g / 6,8 pc
Max Charging Power: 15W
Max Charging Time: About 4,5 hours (Depending on Charging Power)
Charging Temporature Range: 32" for 104" F (0" to 40" C')

• USB Cyble

VoRage: 5V ~ 3A Rated Power: s15 W



NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- -Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- -Consult the dealer or an experienced radio/TV technician for help

Changes or modifications not expressly approved by the party responsible for

compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The following description is for the aircraft section, not the remote control: RF Exposure Warning Statements:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment shall be installed and operated with minimum distance 20cm between the radiator & body.