E-flite®
ADVANCING ELECTRIC FLIGHT

Cirrus SR22T 1.5m



EFL15950 EFL15975

Instruction Manual
Bedienungsanleitung
Manuel d'utilisation
Manuale di Istruzioni

HORIZON® HOBBY

NOTICE

All instructions, warranties and other collateral documents are subject to change at the sole discretion of Horizon Hobby, LLC. For up-to-date product literature, visit horizonhobby.com or towerhobbies.com and click on the support or resources tab for this product.

MEANING OF SPECIAL LANGUAGE

The following terms are used throughout the product literature to indicate various levels of potential harm when operating this product:
WARNING: Procedures, which if not properly followed, create the probability of property damage, collateral damage, and serious injury OR create a high probability of superficial injury.
CAUTION: Procedures, which if not properly followed, create the probability of physical property damage AND a possibility of serious injury.
NOTICE: Procedures, which if not properly followed, create a possibility of physical property damage AND little or no possibility of injury.

WARNING: Read the ENTIRE instruction manual to become familiar with the features of the product before operating. Failure to operate the product correctly can result in damage to the product, personal property and cause serious injury.
This is a sophisticated hobby product. It must be operated with caution and common sense and requires some basic mechanical ability. Failure to operate this Product in a safe and responsible manner could result in injury or damage to the product or other property. This product is not intended for use by children without direct adult supervision. Do not use with incompatible components or alter this product in any way outside of the instructions provided by Horizon Hobby, LLC. This manual contains instructions for safety, operation and maintenance. It is essential to read and follow all the instructions and warnings in the manual, prior to assembly, setup or use, in order to operate correctly and avoid damage or serious injury.

AGE RECOMMENDATION: Not for children under 14 years. This is not a toy.

Safety Precautions and Warnings

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

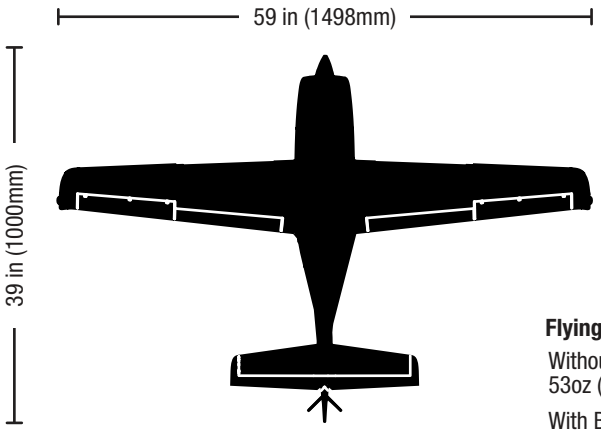
- Always keep a safe distance in all directions around your model to avoid collisions or injury. This model is controlled by a radio signal subject to interference from many sources outside your control. Interference can cause momentary loss of control.
- Always operate your model in open spaces away from full-size vehicles, traffic and people.
- Always carefully follow the directions and warnings for this and any optional support equipment (chargers, rechargeable battery packs, etc.).
- Always keep all chemicals, small parts and anything electrical out of the reach of children.
- Always avoid water exposure to all equipment not specifically designed and protected for this purpose. Moisture causes damage to electronics.
- Never place any portion of the model in your mouth as it could cause serious injury or even death.
- Never operate your model with low transmitter batteries.
- Always keep aircraft in sight and under control.
- Always use fully charged batteries.
- Always keep transmitter powered on while aircraft is powered.
- Always remove batteries before disassembly.
- Always keep moving parts clean.
- Always keep parts dry.
- Always let parts cool after use before touching.
- Always remove batteries after use.
- Always ensure failsafe is properly set before flying.
- Never operate aircraft with damaged wiring.
- Never touch moving parts.

WARNING AGAINST COUNTERFEIT PRODUCTS: If you ever need to replace your Spektrum receiver found in a Horizon Hobby product, always purchase from Horizon Hobby, LLC or a Horizon Hobby authorized dealer to ensure authentic high-quality Spektrum product. Horizon Hobby, LLC disclaims all support and warranty with regards, but not limited to, compatibility and performance of counterfeit products or products claiming compatibility with DSM or Spektrum technology.

Included / Recommended Equipment

	BNF BASIC	PNP PLUG-N-PLAY
Motor: BL10 Brushless Outrunner, 800Kv 14 pole (EFLM17552)	Installed	Installed
ESC: Avian 60 Amp Brushless Smart ESC, 3S-6S (SPMXAE1060)	Installed	Installed
Servos: Aileron: (2) Spektrum 330R; 187mm Lead Elevator: (1) Spektrum 330R; 187mm Lead Rudder: (1) Spektrum 330R; 187mm Lead Flaps: (2) Spektrum S330R; 187mm Lead	Installed	Installed
Receiver: Spektrum™ AR637TA DSMX 6-Channel AS3X Telemetry Receiver (SPMAR637T)	Installed	Required
Recommended Battery: 4S 2200mAh 30C LiPo with IC3/EC3 connector (SPMX22004S30)	Required	Required
Recommended Battery Charger: 4-cell Li-Po battery balancing charger	Required	Required
Recommended Transmitter: 6+ channel, Full-Range 2.4GHz with Spektrum™ DSM2®/DSMX® technology and adjustable dual rates	Required	Required

Specifications



Flying Weight

Without Battery
53oz (1502g)

With Battery:
61oz (1729g)

If you own this product, you may be required to register with the FAA. For up-to-date information on how to register with the FAA, please visit https://registermyuas.faa gov/. For additional assistance on regulations and guidance on UAS usage, visit knowbeforeyoufly.org/.

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Transmitter Setup

⚠ **WARNING**: If your transmitter allows it, enable the throttle cut feature. Always engage throttle cut before approaching the aircraft.

⚠ **WARNING**: Never assign Aux 2 to SAFE Select during transmitter setup with any model transmitter. If SAFE Select is assigned to Aux 2, the throttle channel/motor will reverse in flight once SAFE is enabled. Motor reversing is assigned to Aux 2/channel 7 by default in the Smart ESC.

IMPORTANT: After you set up your model, always rebind the transmitter and receiver to set the desired failsafe positions.

IMPORTANT: The included receiver has been programmed specifically for operation in this aircraft.

† Some of the terminology and function locations used in the iX12 and iX20 programming may be slightly different than other Spektrum AirWare™ radios. The names given in parentheses correspond to the iX12 and iX20 programming terminology. Consult your transmitter manual for specific information about programming your transmitter.

Pre-Programmed Transmitter Setup Files

To save time when setting up your transmitter for this model, visit www.SpektrumRC.com to download the latest pre-programmed transmitter setup files. The files are found under "SETUPS/UPDATES" and the "AIR TRANSMITTER SETUPS" link. Select your radio/transmitter, then on the corresponding page under "SETUPS & DOWNLOADS" click the "DOWNLOAD SETUPS" button to view the available files in the drop down list. Locate the file for this model using the item number. Download the correct model file to and install it in your transmitter using an SD card.

Dual Rates

Low rate is recommended for the initial flights.

NOTICE: To ensure AS3X® technology functions properly, do not lower rate values below 50%. If lower rates are desired, manually adjust the position of the pushrods on the servo arm.

NOTICE: If oscillation occurs at high speed, refer to the Troubleshooting Guide for more information.

Exponential

After first flights, you may adjust expo in your transmitter.

Thrust Reversing

Motor reversing is not enabled when this aircraft is new. See the *Thrust Reversing* section of this manual for information about setting up and using the motor reversing function in the ESC.

Transmitter Telemetry Setup

If the transmitter that you intend to use with this aircraft is not displaying telemetry data, visit www.SpektrumRC.com and update your firmware. With the latest firmware installed on your transmitter the telemetry option should now be functional on your transmitter.

For first flight, set flight timer for 4 minutes. Adjust timer thereafter depending on battery used and flying style.

DX Series Transmitter Setup
1. Power ON your transmitter, click on scroll wheel, roll to **System Setup** and click the scroll wheel. Choose yes.
2. Go to **Model Select** and choose ***<Add New Model>*** at the bottom of the list. The system asks if you want to create a new model, select ***Create***
3. Set **Model Type**: Select ***Airplane Model Type*** by choosing the airplane. The system asks you to confirm model type, data will be reset. Select ***YES***
4. Set **Model Name**: Input a name for your model file
5. Select **<Main Screen>,** Click the scroll wheel to enter the **Function List**
6. Set **D/R (Dual Rate) and Expo**; ***Aileron*** Set **Switch**: ***Switch F*** Set **High Rates:** ***100%,*** - **Low Rates:** ***70%***

DX Series Transmitter Setup
7. Set **D/R (Dual Rate) and Expo**; ***Elevator*** Set **Switch**: ***SWITCH C*** **High Rates**: ***100%,*** - **Low Rates** ***70%***
8. Set **D/R (Dual Rate) and Expo**; ***Rudder*** Set **Switch**: ***SWITCH G*** **High Rates**: ***100%*** - **Low Rates** ***70%***
9. Set **FLAP SYSTEM**; ***SWITCH D,*** **NORM:*-100%, MID: 0% with 6% Elevator, LAND: 100% with 10% Elevator, SPEED 2.0S***
10. Set **Throttle Cut**; **Switch**: ***Switch H,*** **Position: *-100%***

NX Series Transmitter Setup
1. Power ON your transmitter, click on scroll wheel, roll to **System Setup** and click the scroll wheel. Choose yes.
2. Go to **Model Select** and choose ***<Add New Model>*** near the bottom of the list. Select ***Airplane Model Type*** by choosing the airplane, select ***Create***
3. Set **Model Name**: Input a name for your model file
4. Select **<Main Screen>,** Click the scroll wheel to enter the **Function List**
5. Set **D/R (Dual Rate) and Expo**; ***Aileron*** Set **Switch**: ***Switch F*** Set **High Rates:** ***100%,*** **Expo** ***10%*** - **Low Rates:** ***70%,*** **Expo** ***5%***
6. Set **D/R (Dual Rate) and Expo**; ***Elevator*** Set **Switch**: ***SWITCH C*** **High Rates**: ***100%,*** **Expo** ***10%*** - **Low Rates** ***70%,*** **Expo** ***5%***
7. Set **D/R (Dual Rate) and Expo**; ***Rudder*** Set **Switch**: ***SWITCH G*** **High Rates**: ***100%,*** **Expo** ***10%*** - **Low Rates** ***70%,*** **Expo** ***5%***
8. Set **FLAP SYSTEM**; ***SWITCH D,*** **NORM:*-100%, MID: 0% with 6% Elevator, LAND: 100% with 10% Elevator, SPEED 2.0S***
9. Set **Throttle Cut**; **Switch**: ***Switch H,*** **Position: *-100%***

iX Series Transmitter Setup
1. Power ON your transmitter and begin once the Spektrtum Airware app is open. Select the orange pen icon in the upper left corner of the screen, the system asks for permission to **Turn Off RF**, select ***PROCEED***
2. Select the three dots in the upper right corner of the screen, select ***Add a New Model***
3. Select Model Option, choose ***DEFAULT***, select ***Airplane.*** The system asks if you want to create a new acro model, select ***Create***
4. Select the last model on the list, named **Acro**. Tap on the word Acro and rename the file to a name of your choice
5. Tap and hold the back arrow icon in the upper left corner of the screen to return to the main screen
6. Go to the **Model Setup** tab
7. Exit **Model Setup**, Go to the **Model Adjust** menu
8. Set **Dual Rates and Expo**; Select ***Aileron*** Set **Switch**: ***Switch F*** Set **High Rates:** ***100%,*** **Expo** ***10%*** - **Low Rates:** ***70%,*** **Expo** ***5%***
9. Set **Dual Rates and Expo**; Select ***Elevator*** Set **Switch**: ***SWITCH C*** **High Rates**: ***100%,*** **Expo** ***10%*** - **Low Rates** ***70%,*** **Expo** ***5%***
10. Set **Dual Rates and Expo**; Select ***Rudder*** Set **Switch**: ***SWITCH G*** **High Rates**: ***100%,*** **Expo** ***10%*** - **Low Rates** ***70%,*** **Expo** ***5%***
11. Set **FLAP SYSTEM**; ***SWITCH D,*** **NORM:*-100%, MID: 0% with 6% Elevator, LAND: 100% with 10% Elevator, SPEED 2.0S***
12. Set **Throttle Cut**; **Switch**: ***Switch H,*** **Position: *-100%***

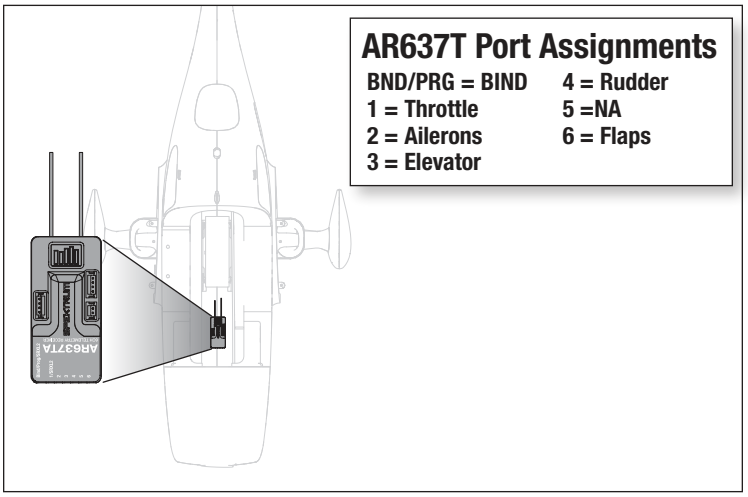
PNP Receiver Selection and Installation

The recommended receiver for this aircraft is the Spektrum AR637T. If you choose to install a different receiver, ensure that it is at least a 6-channel full range receiver. Refer to the manual of your chosen receiver for correct installation and operation instructions.

AR637T Installation

1. Lift the back of the canopy to remove the canopy from the fuselage.
2. Attach the appropriate control surfaces to the their respective ports on the receiver using the table at the right.
3. Using double-sided servo tape,(not included) mount the receiver to the flat area behind the battery compartment, as shown. The receiver should be mounted in the orientation shown, parallel to the length of the fuselage, with the label facing up and the servo ports facing the front of the aircraft. The orientation of the receiver is critical for all AS3X and SAFE technology setups.

CAUTION: Incorrect installation of the receiver could cause a crash.

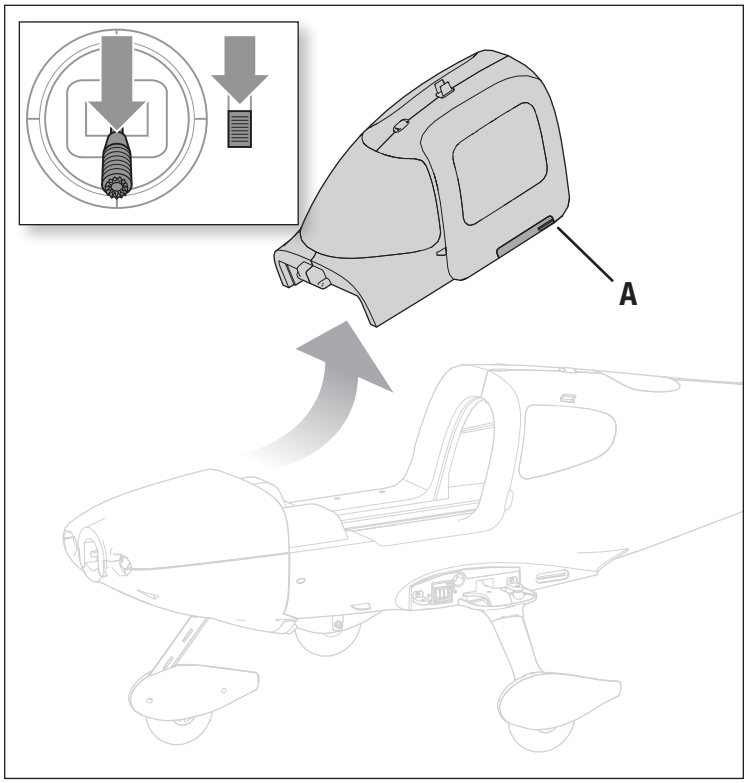


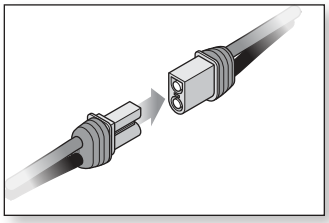
Battery Installation and ESC Arming

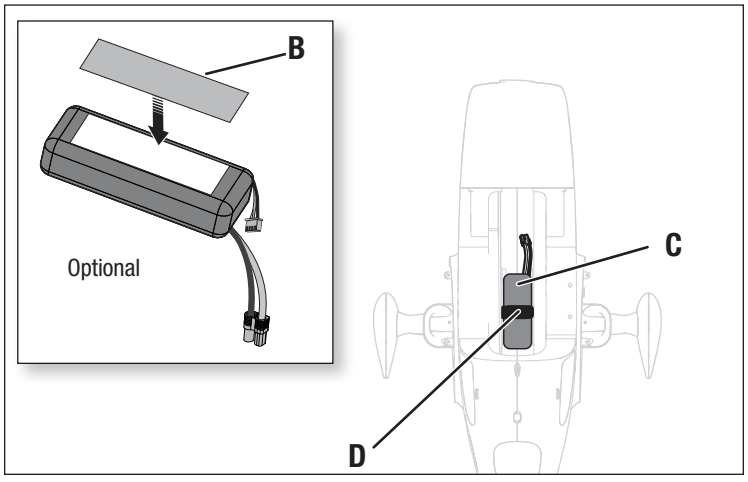
The Spektrum™ Smart 2200mAh 4S 30C Li-Po battery (SPMX22004S30) is recommended.
Refer to the Optional Parts List for other recommended batteries. If using a battery other than those listed, the battery should be within the range of capacity, dimensions and weight of the Spektrum Li-Po battery pack to fit in the fuselage. Be sure the model balances at the recommended CG before flying.

WARNING: Always keep hands away from the propeller. When armed, the motor will turn the propeller in response to any throttle movement. If your transmitter supports it, always engage throttle cut before approaching the aircraft any time a battery is connected.

1. Lower the throttle and throttle trim to the lowest settings. Power on the transmitter, then wait 5 seconds.
2. Lift the hatch at the plastic hard point **(A)** to remove.
3. For added security, apply the loop side (soft side) of the optional hook and loop tape **(B)** to the bottom of your battery and the hook side to the battery tray.
4. Install the fully charged battery **(C)** in the middle of the battery compartment, as shown. Secure using the hook and loop strap **(D)**.
5. Keep the aircraft immobile and away from wind or the system will not initialize.
   - The ESC will sound a series of tones.
   - An LED will light on the receiver.
   - If the ESC sounds a continuous double beep after the flight battery is connected, recharge or replace the battery.
6. Reinstall the canopy hatch.







Binding

General Binding Tips and Failsafe

- The included receiver has been specifically programmed for operation of this aircraft. Refer to the receiver manual for correct setup if the receiver is replaced.
- Keep away from large metal objects while binding.
- Do not point the transmitter's antenna directly at the receiver while binding.
- The orange LED on the receiver will flash rapidly when the receiver enters bind mode.
- Once bound, the receiver will retain its bind settings for that transmitter until you re-bind.
- If the receiver loses transmitter communication, the failsafe will activate. Failsafe moves the throttle channel to low throttle. Pitch and roll channels move to actively stabilize the aircraft in a descending turn.
- If problems occur, refer to the troubleshooting guide or if needed, contact the appropriate Horizon Product Support office.

Transmitter and Receiver Binding / Enabling SAFE Select

The BNF Basic version of this airplane includes SAFE Select technology, enabling you to choose the level of flight protection. SAFE mode includes angle limits and automatic self leveling. AS3X mode provides the pilot with a direct response to the control sticks. SAFE Select is enabled or disabled during the bind process.

With SAFE Select disabled the aircraft is always in AS3X mode. With SAFE Select enabled the aircraft will be in SAFE Select mode all the time, or you can assign a switch to toggle between SAFE Select and AS3X modes.

IMPORTANT: Before binding, read the transmitter setup section in this manual and complete the transmitter setup table to ensure your transmitter is properly programmed for this aircraft.

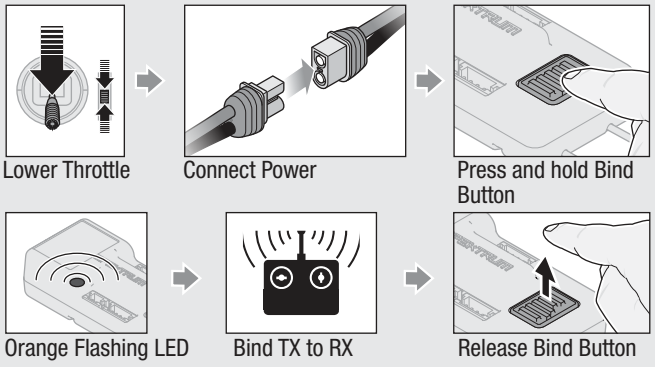
IMPORTANT: Move the transmitter flight controls (rudder, elevators, and ailerons) and the throttle trims to neutral. Move the throttle to low before and during binding.

You can use either the bind button on the receiver or the conventional bind plug to complete the binding process.

A bind plug extension has been provided in BNF Basic version models. It will be labeled and located in the battery or radio compartment for easy access.

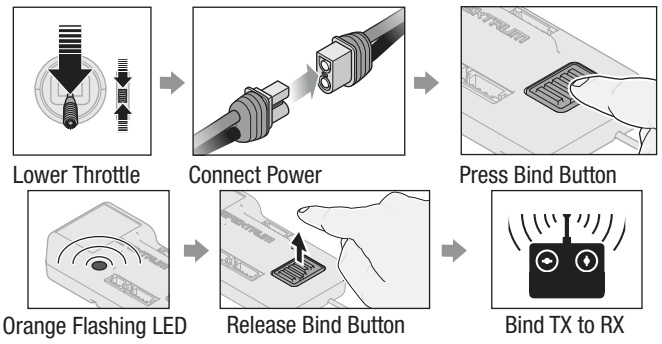
Using Bind Button

SAFE Select Enabled



SAFE Select Enabled: The control surfaces cycle back and forth **twice** with a slight pause at neutral position every time the receiver is powered on.

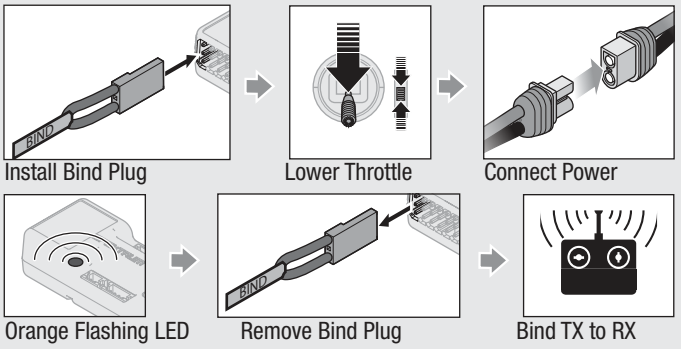
SAFE Select Disabled



SAFE Select Disabled: The control surfaces cycle back and forth **once** every time the receiver is powered on.

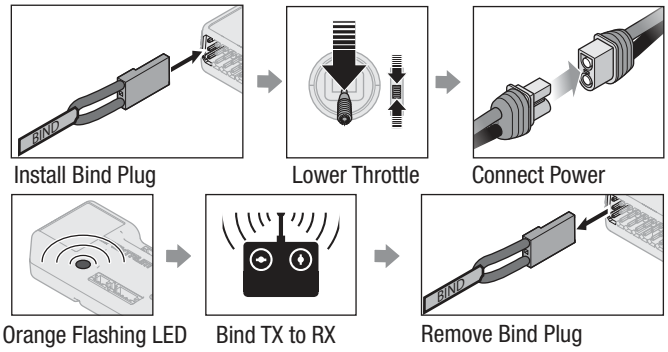
Using Bind Plug

SAFE Select Enabled



SAFE Select Enabled: The control surfaces cycle back and forth **twice** with a slight pause at neutral position every time the receiver is powered on.

SAFE Select Disabled



SAFE Select Disabled: The control surfaces cycle back and forth **once** every time the receiver is powered on.

SAFE Select can also be activated via Forward Programming in compatible transmitters.

SAFE® Select Switch Designation *BNF Basic*

Stick Inputs

Once SAFE Select is enabled, you can choose to fly in SAFE mode full-time, or assign a switch. Any switch on any channel between 5 and 9 can be used on your transmitter.

If the aircraft is bound with SAFE Select disabled, the aircraft will be in AS3X mode exclusively.

⚠ **CAUTION:** Keep all body parts well clear of the propeller and keep the aircraft securely restrained in case of accidental throttle activation.

IMPORTANT: To be able to assign a switch, first verify:

- The aircraft was bound with SAFE Select enabled.
- Your choice for the SAFE Select switch is assigned to a channel between 5 and 9 (Gear, Aux1-4), and travel is set at 100% in each direction.
- The aileron, elevator, rudder and throttle direction are set to normal, not reverse.
- The aileron, elevator, rudder and throttle are set to 100% travel. If dual rates are in use, the switches need to be in the 100% position.

See your transmitter manual for more information about assigning a switch to a channel.

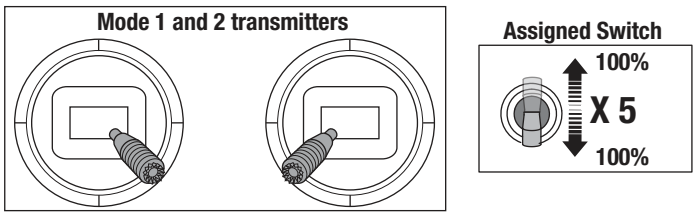
TIP: If a SAFE Select switch is desired for your 6-function aircraft, and you are using a 6 channel transmitter, the SAFE Select switch channel will have to be shared with either channel 5 or 6 of the transmitter.

Assigning a Switch

1. Power on the transmitter.
2. Power on the aircraft.
3. Hold both transmitter sticks to the inside bottom corners, and toggle the desired switch 5 times quickly (1 toggle = full up and down).
4. The control surfaces of the aircraft will move, indicating the switch has been selected.

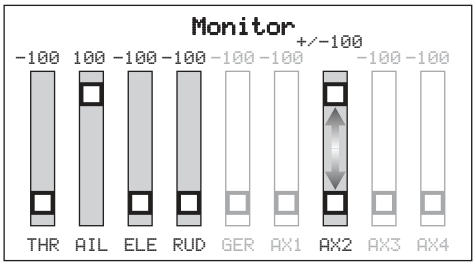
Repeat the process to assign a different switch or to deactivate the current switch.

SAFE Select Switch Assignment Stick Positions



TIP: Use the channel monitor to verify channel movement.

This example of the channel monitor shows the stick positions for assigning a switch, the switch selection on Aux2, and +/- 100% travel on the switch.



Forward Programming

Assign the SAFE Select channel through forward programming on your compatible Spektrum transmitter.

For more information about setting SAFE Select and using Forward Programming, please refer to the following link for a detailed video:

https://www.youtube.com/watch?v=o-46P066cik

Forward Programming SAFE Select Setup	
DX series, NX series, iX series	1. Begin with the transmitter bound to the receiver.
	2. Power ON the transmitter.
	3. Assign a switch for SAFE Select that is not already in use for another function. Use any open channel between 5 and 9 (Gear, Aux1-4).
	4. Set switch H (throttle cut) to prevent accidental motor operation.
	5. Power ON the aircraft. A signal bar appears on your transmitter's main screen when the telemetry information is being received.
	6. Go to the FUNCTION LIST (Model Setup)
	7. Select Forward Programming; Select Gyro Settings, Choose SAFE Select to enter the menu.
	8. Set SAFE Select Ch: To the channel you have chosen for SAFE Select.
	9. Set AS3X and SAFE On or Off as desired for each switch position.

Integrated ESC Telemetry

BNF: This aircraft includes telemetry between the ESC and receiver, which can provide information including RPM, voltage, motor current, throttle setting (%), and FET (speed controller) temperature.

PNP: The ESC in this aircraft is capable of delivering telemetry information over the throttle connection when paired with a Smart compatible Spektrum telemetry receiver. It will function with a normal PWM servo siganl for common radio control systems.

For more information about compatible transmitters, firmware updates, and how to use the telemetry technology on your transmitter, visit www.SpektrumRC.com.

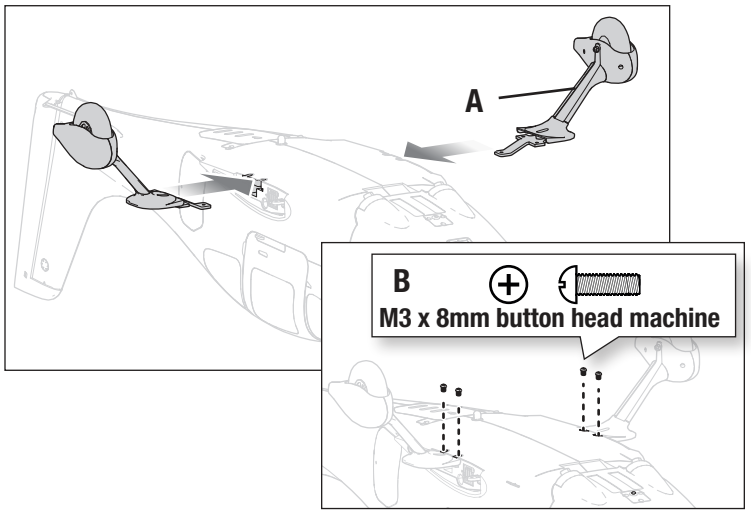
Telemetry Setup	
DX series, NX series, iX series	1. Begin with the transmitter bound to the receiver.
	2. Power ON the transmitter.
	3. Set switch H (throttle cut) to prevent accidental motor operation.
	4. Power ON the aircraft. A signal bar appears on your transmitter's main screen when the telemetry information is being received.
	5. Go to the FUNCTION LIST (Model Setup)
	6. Select TELEMETRY; Smart ESC
	7. Set Total Cells: 4
	8. Set LVC Alarm: 3.4V Set Alarm; Voice/Vibe
	9. Set pole count; 14 pole

Model Assembly

Landing Gear Installation

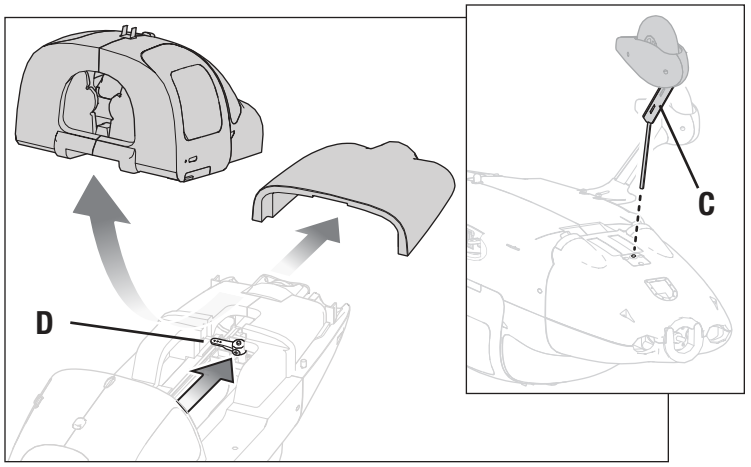
Main Gear

1. Install the landing gear assemblies **(A)** into the mounting locations on the sides of the fuselage as shown.
2. Secure the landing gear into place with the four M3 x 8mm screws **(B)** as shown.



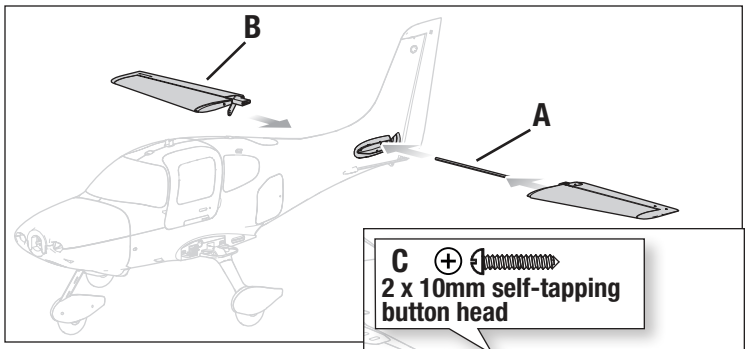
Nose Gear

1. Remove the top half of the cowl by pulling straight forward; the cowl is retained with magnets and aligned with pins.
2. Install the nose gear assembly **(C)** into the pivot block on the bottom of the firewall as shown.
3. Insert the z-bend pushrod into the outer hole in the steering arm.
4. Use a Phillips screw driver to tighten the M3 x 8mm screw in the nose gear steering arm **(D)** so it grasps the nose gear strut on the flat spot.
5. Re-install the cowl.



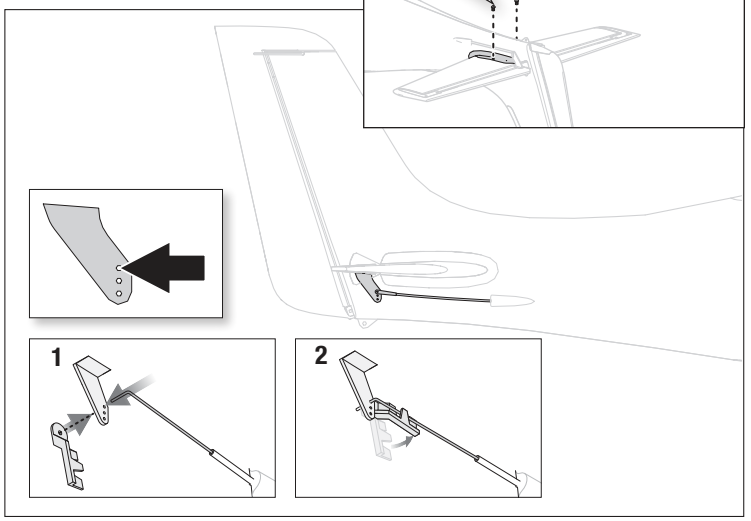
Horizontal Stabilizer Installation

1. Insert the horizontal tail joiner tube **(A)** into the fuselage. Slide the horizontal tail halves **(B)** into place with the control horn facing down.
2. Use a Phillips screw driver and the included 2 screws **(C)** to secure the horizontal stabilizer halves in place. Use caution to avoid over-tightening the screw.
3. Attach the pushrod keeper on the elevator pushrod to the control horn.



Pushrod Keeper Installation

1. Insert the end of the pushrod with the 90˚ bend into the control horn and Insert the pushrod into the hole in the pushrod keeper.
2. Rotate the pushrod keeper and press into place on the pushrod until it clicks into position.



Model Assembly Continued

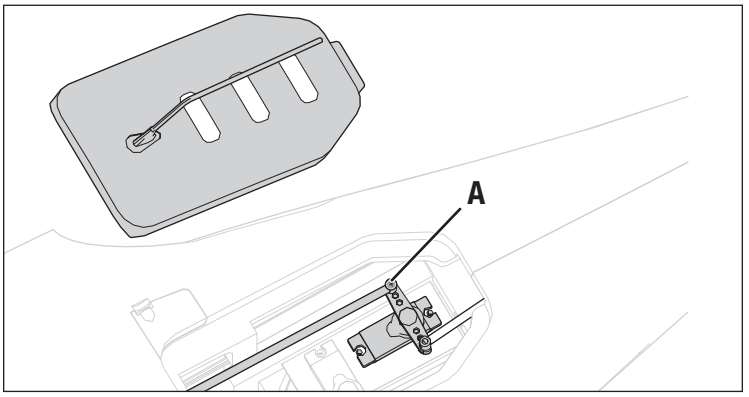
Nose Gear Centering

Observe the following steps to fine tune the nose gear neutral position.

1. With the radio control system powered on, the rudder centered, and the rudder trim centered, check that the nose gear is centered.

Tip: The best way to check that the nose gear and rudder are centered is by rolling the model on a smooth surface.

2. To make adjustments, remove the servo hatch on the bottom of the fuselage. The hatch is held with two magnets in the front and a tab in the rear.
3. Fine-tune the nose gear position at the rudder servo by loosening the set screw on the adjustable servo connector **(A)** using a Phillips screwdriver, and sliding the pushrod to the desired position.
4. Tighten the screw to lock the pushrod into position.
5. Re-install the servo hatch.

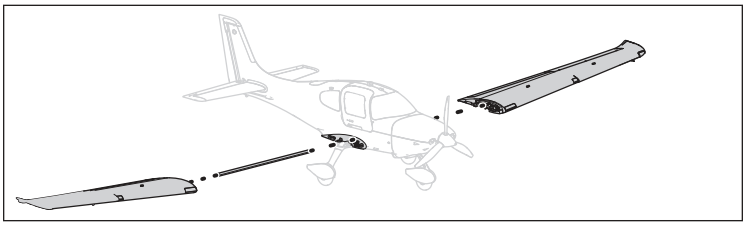


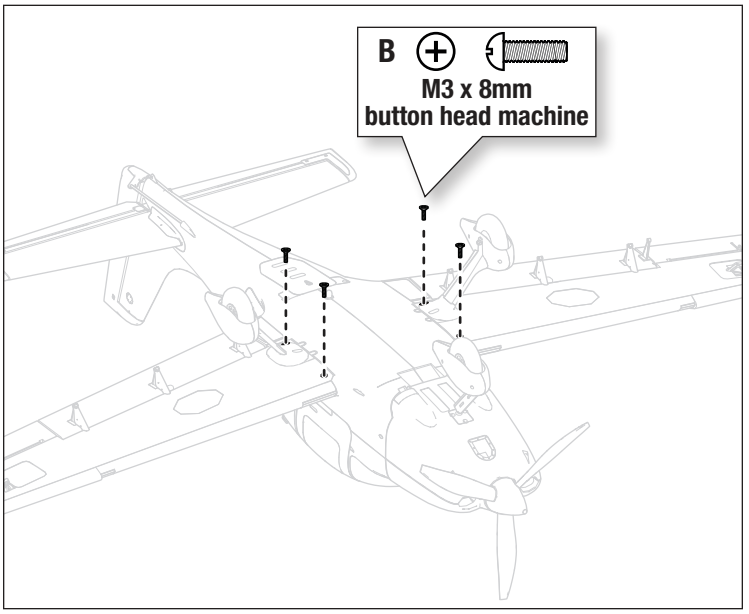
Wing Installation

IMPORTANT: Integrated servo connectors are in the wing and fuselage. Ensure that they slide together correctly.

1. Secure the wing halves into position using a Phillips screwdriver and the included M3 x 8mm screws **(B)**.

Disassemble in reverse order.

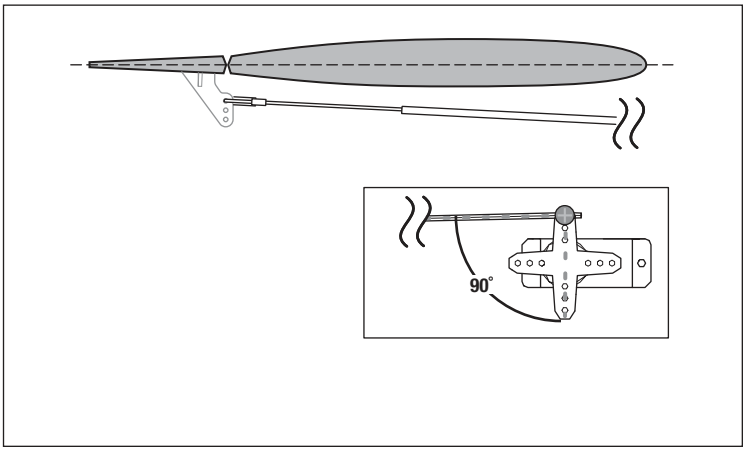




Control Surface Centering

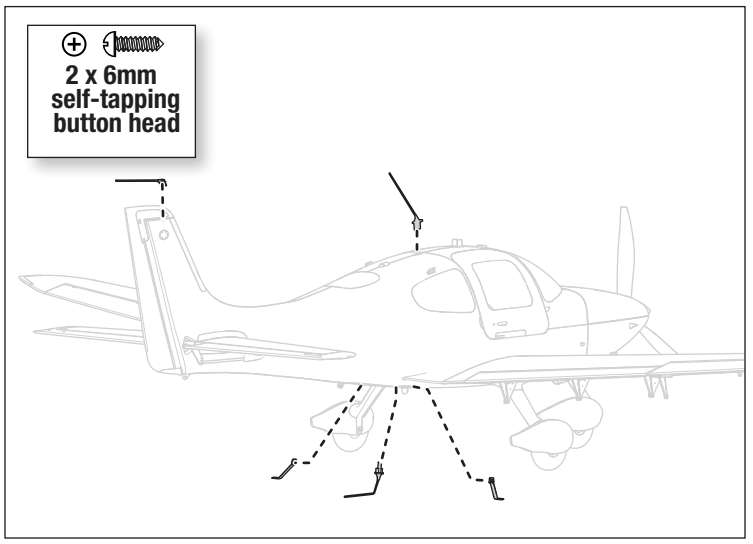
After assembly and transmitter setup, confirm that the control surfaces are centered. The model must be powered up and bound to the transmitter in AS3X mode, keeping the throttle at zero. When enabled, SAFE mode is active at power up. AS3X mode is activated when the throttle is raised above 25% for the first time after being powered on. It is normal for the control surfaces to respond to aircraft movement if the aircraft is in AS3X or SAFE modes.

1. Verify the trims and subtrims on your transmitter are zero.
2. Power up the model in AS3X mode and leave the throttle at zero, the control surfaces need to be centered.
3. If they are not centered, loosen the screw in the quick connector linkage on the servo horn using a Phillips screwdriver.
4. Slide the pushrod in the quick connector to change the length of the linkage between the servo arm and the control horn so the control surface is centered.
5. Apply thread lock compound to the screw threads and tighten the screw to secure the pushrod at the desired length.



Scale Accessories Optional

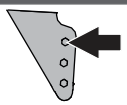
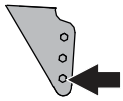
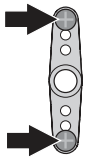
Scale accessories are each held in place with a single 2 x 6mm self tapping screw using a Phillips screw driver.

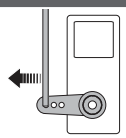
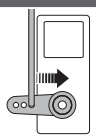
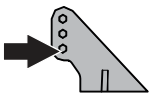
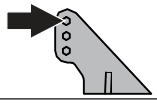


Control Horn and Servo Arm Settings

The table to the right shows the factory settings for the control horns and servo arms. Fly the aircraft at factory settings before making changes.

If you adjust the linkage positions for more control throw, then experience control surface oscillation in flight, return the linkage to its original position.

	Horns	Arms
Elevator		
Rudder		

More control throw	Less control throw
	
	

Dual Rates and Control Throws

Program your transmitter to set the rates and control throws based on your experience level. These values have been tested and are a good starting point to achieve a successful first flight.
After flying, you may choose to adjust the values for the desired control response.

	High Rate	Low Rate
Aileron	▲ =25mm ▼ = 25mm	▲ = 15mm ▼ = 15mm
Elevator	▲ = 15mm ▼ = 15mm	▲ = 11mm ▼ = 11mm
Rudder	▶ = 16mm ◀ = 16mm	▶ = 10mm ◀ = 10mm
Flaps	**Landing**	**Takeoff**
	▼ = 30mm	▼ = 15mm
	Flap to Elevator Mix	Flap to Elevator Mix
	10% down elevator	6% down elevator

Control Direction Test

Switch on the transmitter and connect the battery. Use the transmitter to operate the aileron, elevator and rudder controls. View the aircraft from the rear when checking the control directions.

WARNING: activate throttle cut from transmitter before powering on the ESC.

Elevator

1. Pull the elevator stick back. The elevator should move up, which will cause the aircraft to pitch up.
2. Push the elevator stick forward. The elevator should move down, which will cause the aircraft to pitch down.

Ailerons

1. Move the aileron stick to the left. The left aileron should move up and the right aileron down, which will cause the aircraft to bank left.
2. Move the aileron stick to the right. The right aileron should move up and the left aileron down, which will cause the aircraft to bank right.

Rudder

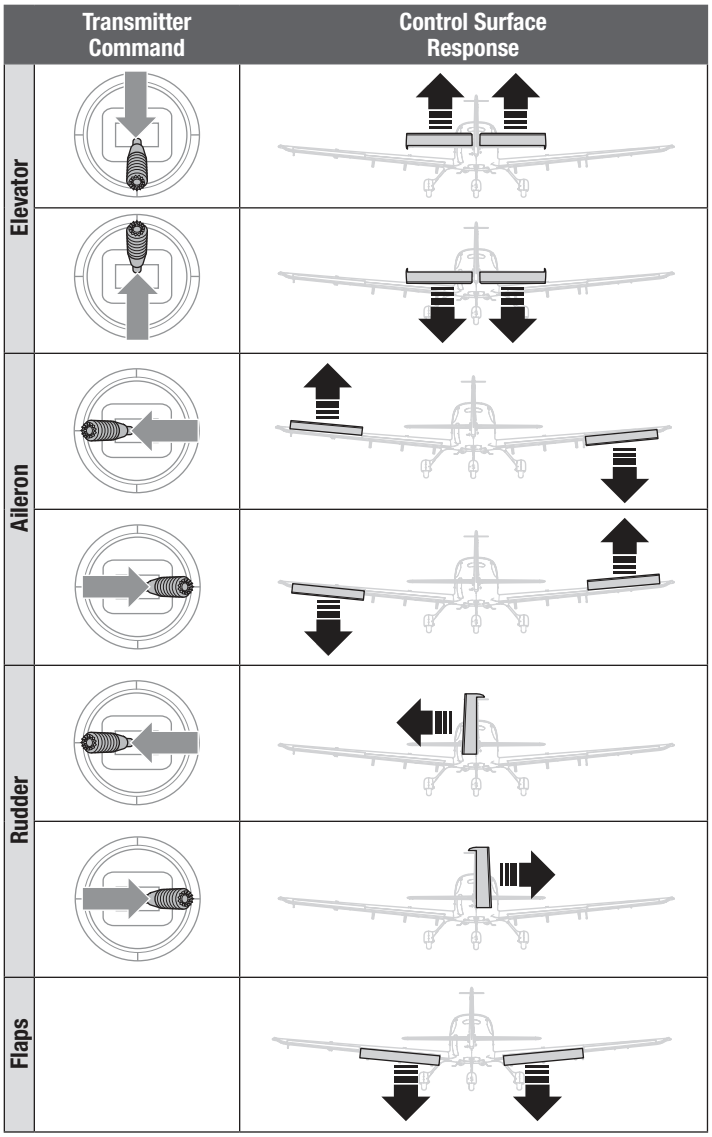
1. Move the rudder stick to the left. The rudder should move to the left, which will cause the aircraft to yaw left.
2. Move the rudder stick to the right. The rudder should move to the right, which will cause the aircraft to yaw right.

Flaps

1. Move your flap control switch to the “half flaps” position.
2. Confirm that the flaps move down.
3. Move flap control switch to the full flaps position.

Confirm the flaps move farther down than in step two.

If the control surfaces do not respond as shown, **DO NOT FLY.** Refer to the Troubleshooting Guide for more information. If you need more assistance, contact the appropriate Horizon Hobby Product Support department. If the aircraft responds as shown, continue on to the Flight Control section.



AS3X® Control Response Test

WARNING: Do not perform any testing or maintenance with the propeller installed on the aircraft. Serious injury or property damage could result from the motor starting inadvertently.

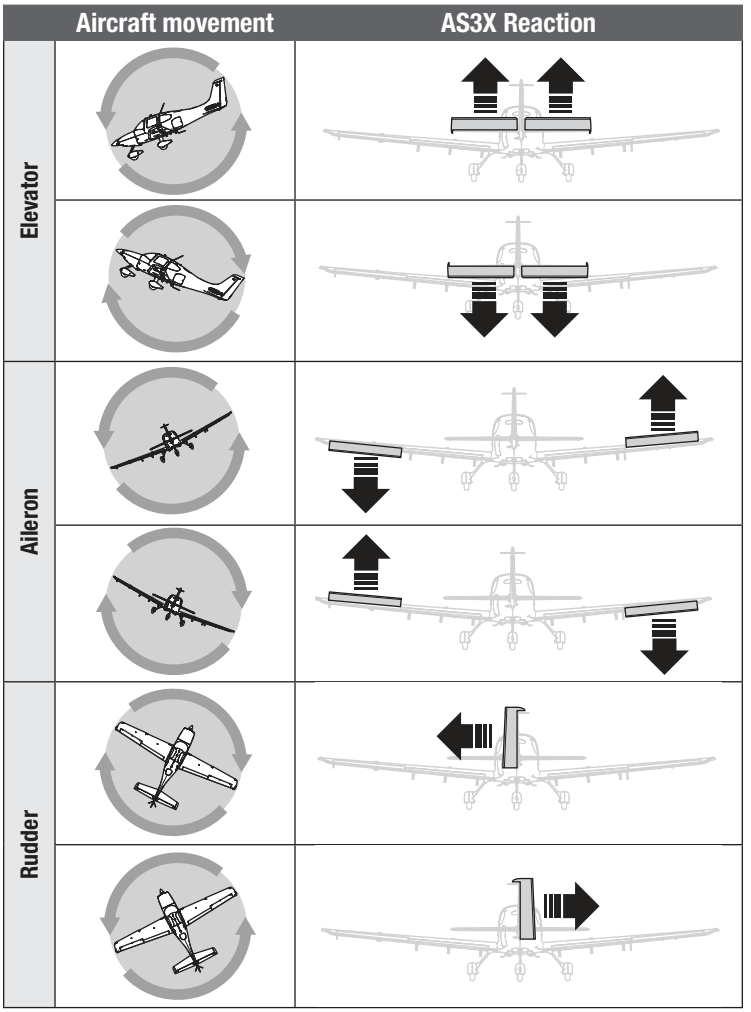
This test ensures that the AS3X control system is functioning properly. Assemble the aircraft and bind your transmitter to the receiver before performing this test.

1. Raise the throttle just above 25%, then lower the throttle to activate AS3X technology.

WARNING: Keep all body parts, hair and loose clothing away from spinning motor, as these items could become entangled.

2. Move the entire aircraft as shown and ensure the control surfaces move in the direction indicated in the graphic. If the control surfaces do not respond as shown, do not fly the aircraft. Refer to the receiver manual for more information.

Once the AS3X system is active, control surfaces may move rapidly. This is normal. AS3X remains active until the battery is disconnected.



Propeller Installation

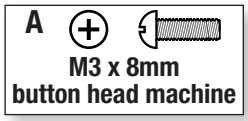
WARNING: Do not install the propeller until the aircraft has been completely assembled, all the systems have been checked thoroughly and you are located at a suitable flying site.

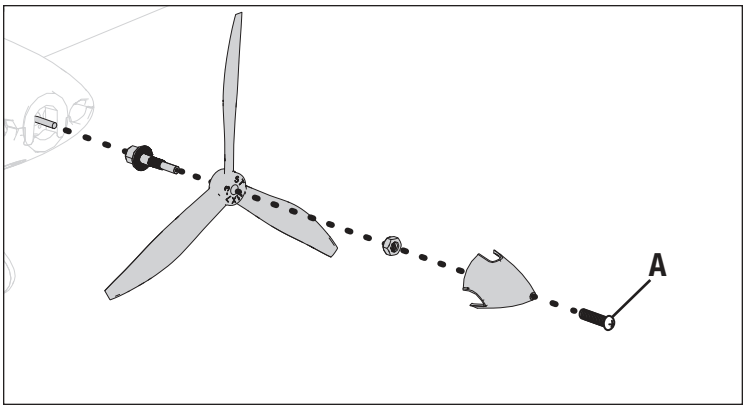
WARNING: Never install a cracked, nicked or otherwise damaged propeller.

NOTICE: If the propeller is not balanced, the aircraft may vibrate, causing the stabilization system to not operate correctly and/or decrease the life of the servos.

1. Install the prop adapter, propeller, prop washer and nut.
2. Tighten the nut until the prop adaptor grasps the propeller shaft securely.
3. Secure the spinner with a M3 x 8mm screw **(A)**.

Disassemble in reverse order.



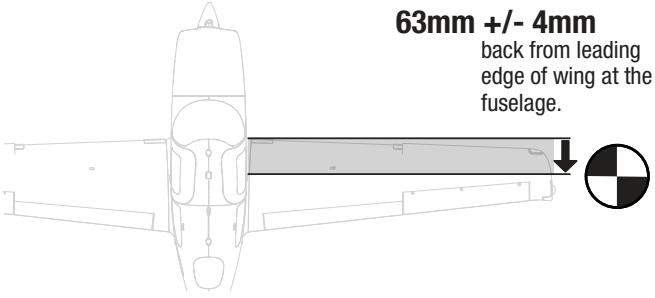


Center of Gravity (CG)

The CG location is measured from the leading edge of the wing at the root. This CG location has been determined with the recommended Li-Po battery (SPMX22004S30).

WARNING: Install the battery but **do not arm the ESC** while checking the CG. Personal injury may result.

TIP: Measure the CG with the aircraft inverted.



SAFE Select Flying Tips *BNF*

When flying in SAFE Select mode the aircraft will return to level flight any time the aileron and elevator controls are at neutral. Applying aileron or elevator control will cause the airplane to bank, climb or dive. The amount the stick is moved will determine the attitude the airplane flies. Holding full control will push the aircraft to the pre-determined bank and roll limits, but it will not go past those angles.

When flying with SAFE Select, it is normal to hold the control stick deflected with moderate aileron input when flying through a turn. To fly smoothly with SAFE Select, avoid making frequent control changes and don't attempt to correct for minor deviations. Holding deliberate control inputs will command the aircraft to fly at a specific angle, and the model will make all corrections to maintain that flight attitude.

When flying with SAFE Select, throttle will make the aircraft climb or descend. Full throttle will cause the aircraft to pitch up and climb slightly. Mid throttle will keep the airplane flying level. Low throttle will cause the airplane to descend slightly nose-down.

Return the elevator and aileron controls to neutral before switching from SAFE Select mode to AS3X mode. If you do not neutralize controls when switching into AS3X mode, the control inputs used for SAFE Select mode will be excessive for AS3X mode and the aircraft will react immediately.

Differences between SAFE Select and AS3X modes

This section is generally accurate but does not take into account flight speed, battery charge status, and other limiting factors.

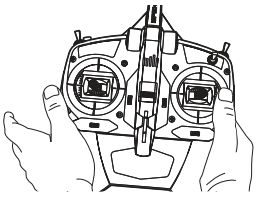
		SAFE Select	AS3X
Control Input	Control stick is neutralized	Aircraft will self level	Aircraft will continue to fly at its present attitude
	Holding a small amount of control	Aircraft will bank or pitch to a moderate angle and maintain the attitude	Aircraft will continue to pitch or roll slowly
	Holding full control	Aircraft will bank or pitch to the predetermined limits and maintain the attitude	Aircraft will continue to roll or pitch rapidly
	Throttle	Full throttle: Climb Neutral: Level flight Low throttle: Descend	Throttle will not affect flight response.

In Flight Trimming

During your first flight, trim the aircraft for level flight at 3/4 throttle with flaps up. Make small trim adjustments with your transmitter's trim switches to straighten the aircraft's flight path.

After adjusting the trim, do not touch the control sticks for 3 seconds. This allows the receiver to learn the correct settings to optimize AS3X performance.

Failure to do so could affect flight performance.



3 Seconds

Post Flight

1. Disconnect the flight battery from the ESC (Required for safety and battery life).
2. Power OFF the transmitter.
3. Remove the flight battery from the aircraft.
4. Recharge the flight battery.
5. Repair or replace all damaged parts.
6. Store the flight battery apart from the aircraft and monitor the battery charge.
7. Make note of the flight conditions and flight plan results, planning for future flights.

Motor Service

CAUTION: Always disconnect the flight battery before performing motor service.

Disassembly

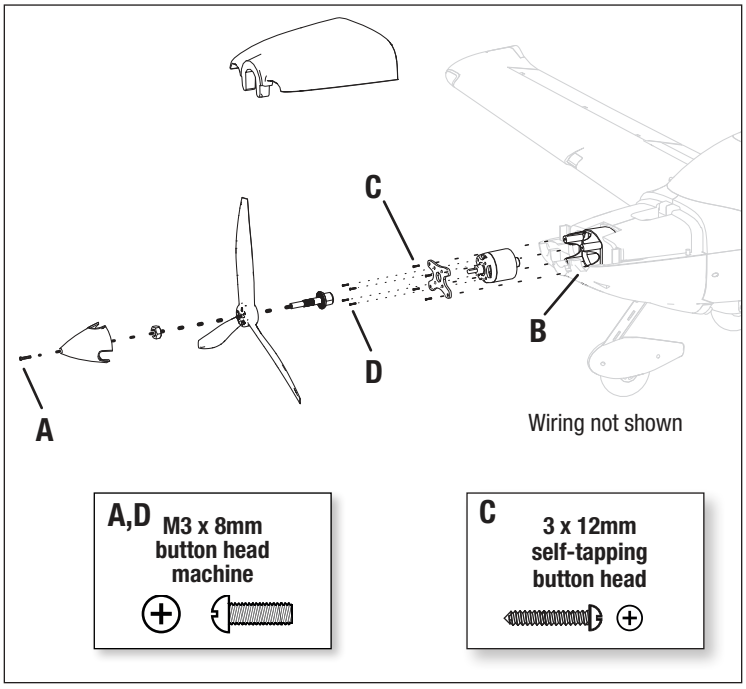
1. Remove the spinner screw **(A)** and the spinner.
2. Use a tool to remove the propeller nut and then remove the propeller, and prop adaptor from the motor shaft.
3. Pull forward to remove the cowl from the fuselage. The cowl is secured by two pins in the front and two magnets in the rear.
4. The lower half of the cowl is not removable. Gently bend the foam (**B**) to access the lower screws on the motor X-mount. Remove the 4 screws (**C**) and the motor with the X-mount from the fuselage.
5. Disconnect the motor wires from the ESC wires.
6. Remove the 4 screws **(D)** and motor from the X-mount.

Assembly

Assemble in reverse order.

- Correctly align and connect the motor wire colors with the ESC wires.
- Install the propeller with the size numbers facing forward. The propeller may require balancing.

NOTICE: If the propeller is not balanced, the aircraft may vibrate, causing the stabilization system to not operate correctly and/or decrease the life of the servos.



Servo Service

Control Surface	Replacement Servo	Description	Replacement Adhesive
Aileron	SPMSA330R	9g Sub-Micro Servo 187mm Lead	Deluxe Materials Foam 2 Foam (DLMAD34)
Elevator	SPMSA330R	9g Sub-Micro Servo 187mm Lead	
Rudder	SPMSA330R	9g Sub-Micro Servo 187mm Lead	
Flaps	SPMSA330R	9g Sub-Micro Servo 187mm Lead	

Troubleshooting Guide AS3X

Problem	Possible Cause	Solution
Oscillation	Damaged propeller or spinner	Replace propeller or spinner
	Imbalanced propeller	Balance the propeller
	Motor vibration	Replace parts or correctly align all parts and tighten fasteners as needed
	Loose receiver	Align and secure receiver in fuselage
	Loose aircraft controls	Tighten or otherwise secure parts (servo, arm, linkage, horn and control surface)
	Worn parts	Replace worn parts (especially propeller, spinner or servo)
	Irregular servo movement	Replace servo
Inconsistent flight performance	Trim is not at neutral	If you adjust trim more than 8 clicks, Adjust by loosening screw in pushrod keeper on servo and move pushrod then re-tighten screw.
	Sub-Trim is not at neutral	No Sub-Trim is allowed. Adjust the servo linkage
	Aircraft was not kept immobile for 5 seconds after battery connection	With the throttle stick in lowest position. Disconnect battery, then reconnect battery and keep the aircraft still for 5 seconds
Incorrect response to the AS3X Control Direction Test	Incorrect direction settings in the receiver, which can cause a crash	DO NOT fly. Correct the direction settings (refer to the receiver manual), then fly

Troubleshooting Guide

Problem	Possible Cause	Solution
Aircraft will not respond to throttle but responds to other controls	Throttle not at idle and/or throttle trim too high	Reset controls with throttle stick and throttle trim at lowest setting
	Throttle servo travel is lower than 100%	Make sure throttle servo travel is 100% or greater
	Throttle channel is reversed	Reverse throttle channel on transmitter
	Motor disconnected from ESC	Make sure motor is connected to the ESC
Extra propeller noise or extra vibration	Damaged propeller and spinner, collet or motor	Replace damaged parts
	Propeller is out of balance	Balance or replace propeller
	Prop nut is too loose	Tighten the prop nut
Reduced flight time or aircraft underpowered	Flight battery charge is low	Completely recharge flight battery
	Propeller installed backwards	Install propeller with numbers facing forward
	Flight battery damaged	Replace flight battery and follow flight battery instructions
	Flight conditions may be too cold	Make sure battery is warm before use
	Battery capacity too low for flight conditions	Replace battery or use a larger capacity battery
Aircraft will not Bind (during binding) to transmitter	Transmitter too near aircraft during binding process	Move powered transmitter a few feet from aircraft, disconnect and reconnect flight battery to aircraft
	Aircraft or transmitter is too close to large metal object, wireless source or another transmitter	Move aircraft and transmitter to another location and attempt binding again
	The bind plug is not installed correctly in the bind port	Install bind plug in bind port and bind the aircraft to the transmitter
	Flight battery/transmitter battery charge is too low	Replace/recharge batteries
	Bind switch or button not held long enough during the bind process	Power off transmitter and repeat bind process. Hold transmitter bind button or switch until receiver is bound
Aircraft will not connect (after binding) to transmitter	Transmitter too near aircraft during connecting process	Move powered transmitter a few feet from aircraft, disconnect and reconnect flight battery to aircraft
	Aircraft or transmitter is too close to large metal object, wireless source or another transmitter	Move aircraft and transmitter to another location and attempt connecting again
	Bind plug left installed in bind port	Rebind transmitter to the aircraft and remove the bind plug before cycling power
	Aircraft bound to different model memory (ModelMatchTM radios only)	Select correct model memory on transmitter
	Flight battery/Transmitter battery charge is too low	Replace/recharge batteries
	Transmitter may have been bound to a different aircraft using different DSM protocol	Bind aircraft to transmitter

Problem	Possible Cause	Solution
Control surface does not move	Control surface, control horn, linkage or servo damage	Replace or repair damaged parts and adjust controls
	Wire damaged or connections loose	Do a check of wires and connections, connect or replace as needed
	Transmitter is not bound correctly or the incorrect airplanes was selected	Re-bind or select correct airplanes in transmitter
	Flight battery charge is low	Fully recharge flight battery
	BEC (Battery Elimination Circuit) of the ESC is damaged	Replace ESC
Controls reversed	Transmitter settings are reversed	Perform the Control Direction Test and adjust the controls on transmitter appropriately
Motor power pulses then motor loses power	ESC uses default soft Low Voltage Cutoff (LVC)	Recharge flight battery or replace battery that is no longer performing
	Weather conditions might be too cold	Postpone flight until weather is warmer
	Battery is old, worn out, or damaged	Replace battery
	Battery C rating might be too small	Use recommended battery

Replacement Parts

Part #	Description
EFL15951	Fuselage/Cowling: SR-22T
EFL15952	Cabin and top cowl hatch: SR-22T
EFL15955	Top Cowl: SR-22T
EFL15958	Wheel Pants set: SR-22T
EFL15961	Spinner: SR22T
EFL15966	Decal Set: SR-22T
EFL5953	Wing Set: SR-22T
EFL5954	Horizontal Stab w/Tube: SR-22T
EFL5956	Hardware Set: SR-22T
EFL5957	Landing Gear Set: SR-22T
EFL5959	Wheel Set: SR-22T
EFL5960	Pushrod Set: SR-22T
EFL5962	3 Blade Propeller; 11 x 7.5
EFL5963	Prop Adapter: SR-22T
EFL5964	Motor Mount: SR-22T
EFL5965	Plastic Parts set: SR-22T
EFL5967	Scale Plastics Set; SR-22T
EFL5968	Wing Tube: SR22T
EFLM17552	BL10 Motor 800KV
SPMSA330R	9 Gram Digital Metal Gear Servo Reversed
SPMXAE1060	Avian 60 Amp Brushless Smart ESC 3S-6S
SPMAR637T	AR637T 6CH SAFE and AS3X TelemRX

Recommended Parts

Part #	Description
SPMR6655	DX6e 6-channel DSMX Transmitter
SPMXC2020	Smart S1200G2 AC Charger: 1x200
SPMX224S30	4S 2200

Optional Parts

Part #	Description
SPMX22004S30	2200mAh 3S 11.1V Smart 30C; IC3
SPMX22003S50	2200mAh 3S 11.1V Smart 50C; IC3
SPMXPSA3	Smart PowerStage Aircraft 3S Bundle
SPMXC1010	Smart S2100 AC Charger, 2x100W
SPMXBC100	XBC100 Smart LiPo Battery Checker & Servo Driver
EFLA250	Park Flyer Tool Asst, 5 pc
SPMR8200	NX8 DSMX 8-Channel Transmitter

Important Federal Aviation Administration (FAA) Information

Use the QR code below to learn more about the **Recreational UAS Safety Test (TRUST),** as was introduced by the 2018 FAA Reauthorization Bill. This free test is required by the FAA for all recreational flyers in the United States. The completed certificate must be presented upon request by any FAA or law enforcement official.

If your model aircraft weights more than .55lbs or 250 grams, you are required by the FAA to register as a recreational flyer and apply your registration number to the outside of your aircraft. To learn more about registering with the FAA, use the QR code below.

AMA National Model Aircraft Safety Code

Academy of Model Aeronautics
National Model Aircraft Safety Code

Effective January 1, 2018

A model aircraft is a non-human-carrying device capable of sustained flight within visual line of sight of the pilot or spotter(s). It may not exceed limitations of this code and is intended exclusively for sport, recreation, education and/or competition. All model flights must be conducted in accordance with this safety code and related AMA guidelines, any additional rules specific to the flying site, as well as all applicable laws and regulations.

As an AMA member I agree:

- I will not fly a model aircraft in a careless or reckless manner.
- I will not interfere with and will yield the right of way to all human-carrying aircraftusing AMA's See and Avoid Guidance and a spotter when appropriate.
- I will not operate any model aircraft while I am under the influence of alcohol or any drug that could adversely affect my ability to safely control the model.
- I will avoid flying directly over unprotected people, moving vehicles, and occupied structures.
- I will fly Free Flight (FF) and Control Line (CL) models in compliance with AMA's safety programming.
- I will maintain visual contact of an RC model aircraft without enhancement other than corrective lenses prescribed to me. When using an advanced flight system, such as an autopilot, or flying First-Person View (FPV), I will comply with AMA's Advanced Flight System programming.
- I will only fly models weighing more than 55 pounds, including fuel, if certified through AMA's Large Model Airplane Program.
- I will only fly a turbine-powered model aircraft in compliance with AMA's Gas Turbine Program.
- I will not fly a powered model outdoors closer than 25 feet to any individual, except for myself or my helper(s) located at the flightline, unless I am taking off and landing, or as otherwise provided in AMA's Competition Regulation.
- I will use an established safety line to separate all model aircraft operations from spectators and bystanders.

Limited Warranty

What this Warranty Covers

Horizon Hobby, LLC, (Horizon) warrants to the original purchaser that the product purchased (the "Product") will be free from defects in materials and workmanship at the date of purchase.

What is Not Covered

This warranty is not transferable and does not cover (i) cosmetic damage, (ii) damage due to acts of God, accident, misuse, abuse, negligence, commercial use, or due to improper use, installation, operation or maintenance, (iii) modification of or to any part of the Product, (iv) attempted service by anyone other than a Horizon Hobby authorized service center, (v) Product not purchased from an authorized Horizon dealer, or (vi) Product not compliant with applicable technical regulations, or (vii) use that violates any applicable laws, rules, or regulations.

OTHER THAN THE EXPRESS WARRANTY ABOVE, HORIZON MAKES NO OTHER WARRANTY OR REPRESENTATION, AND HEREBY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE PURCHASER ACKNOWLEDGES THAT THEY ALONE HAVE DETERMINED THAT THE PRODUCT WILL SUITABLY MEET THE REQUIREMENTS OF THE PURCHASER'S INTENDED USE.

Purchaser's Remedy

Horizon's sole obligation and purchaser's sole and exclusive remedy shall be that Horizon will, at its option, either (i) service, or (ii) replace, any Product determined by Horizon to be defective. Horizon reserves the right to inspect any and all Product(s) involved in a warranty claim. Service or replacement decisions are at the sole discretion of Horizon. Proof of purchase is required for all warranty claims. SERVICE OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE PURCHASER'S SOLE AND EXCLUSIVE REMEDY.

Limitation of Liability

HORIZON SHALL NOT BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, LOSS OF PROFITS OR PRODUCTION OR COMMERCIAL LOSS IN ANY WAY, REGARDLESS OF WHETHER SUCH CLAIM IS BASED IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR ANY OTHER THEORY OF LIABILITY, EVEN IF HORIZON HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. Further, in no event shall the liability of Horizon exceed the individual price of the Product on which liability is asserted. As Horizon 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. If you as the purchaser or user are not prepared to accept the liability associated with the use of the Product, purchaser is advised to return the Product immediately in new and unused condition to the place of purchase.

Law

These terms are governed by Illinois law (without regard to conflict of law principals). This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Horizon reserves the right to change or modify this warranty at any time without notice.

WARRANTY SERVICES

Questions, Assistance, and Services

Your local hobby store and/or place of purchase cannot provide warranty support or service. Once assembly, setup or use of the Product has been started, you must contact your local distributor or Horizon directly. This will enable Horizon to better answer your questions and service you in the event that you may need any assistance. For questions or assistance, please visit our website at www.horizonhobby.com, submit a Product Support Inquiry, or call the toll free telephone number referenced in the Warranty and Service Contact Information section to speak with a Product Support representative.

Inspection or Services

If this Product needs to be inspected or serviced and is compliant in the country you live and use the Product in, please use the Horizon Online Service Request submission process found on our website or call Horizon to obtain a Return Merchandise Authorization (RMA) number. Pack the Product securely using a shipping carton. Please note that original boxes may be included, but are not designed to withstand the rigors of shipping without additional protection. Ship via a carrier that provides tracking and insurance for lost or damaged parcels, as Horizon is not responsible for merchandise until it arrives and is accepted at our facility. An Online Service Request is available at http://www.horizonhobby.com/content/service-center_render-service-center. If you do not have internet access, please contact Horizon Product Support to obtain a RMA number along with instructions for submitting your product for service. When calling Horizon, you will be asked to provide your complete name, street address, email address and phone number where you can be reached during business hours. When sending product into Horizon, please include your RMA number, a list of the included items, and a brief summary of the problem. A copy of your original sales receipt must be included for warranty consideration. Be sure your name, address, and RMA number are clearly written on the outside of the shipping carton.

NOTICE: Do not ship LiPo batteries to Horizon. If you have any issue with a LiPo battery, please contact the appropriate Horizon Product Support office.

Warranty Requirements

For Warranty consideration, you must include your original sales receipt verifying the proof-of-purchase date. Provided warranty conditions have been met, your Product will be serviced or replaced free of charge. Service or replacement decisions are at the sole discretion of Horizon.

Non-Warranty Service

Should your service not be covered by warranty, service will be completed and payment will be required without notification or estimate of the expense unless the expense exceeds 50% of the retail purchase cost. By submitting the item for service you are agreeing to payment of the service without notification. Service estimates are available upon request. You must include this request with your item submitted for service. Non-warranty service estimates will be billed a minimum of ½ hour of labor. In addition you will be billed for return freight. Horizon accepts money orders and cashier's checks, as well as Visa, MasterCard, American Express, and Discover cards. By submitting any item to Horizon for service, you are agreeing to Horizon's Terms and Conditions found on our website http://www.horizonhobby.com/content/service-center_render-service-center.

ATTENTION: Horizon service is limited to Product compliant in the country of use and ownership. If received, a non-compliant Product will not be serviced. Further, the sender will be responsible for arranging return shipment of the un-serviced Product, through a carrier of the sender's choice and at the sender's expense. Horizon will hold non-compliant Product for a period of 60 days from notification, after which it will be discarded.

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Contact Information

Country of Purchase	Horizon Hobby	Contact Information	Address
United States of America	Horizon Service Center (Repairs and Repair Requests)	servicecenter.horizonhobby.com/RequestForm/	2904 Research Rd Champaign, Illinois, 61822 USA
	Horizon Product Support (Product Technical Assistance)	productsupport@horizonhobby.com 877-504-0233	
	Sales	websales@horizonhobby.com 800-338-4639	
European Union	Horizon Technischer Service	service@horizonhobby.de	Hanskampring 9 D 22885 Barsbüttel, Germany
	Sales: Horizon Hobby GmbH	+49 (0) 4121 2655 100	

FCC Information

FCC ID: BRWTIARLGTNG1

This equipment complies with FCC and IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and/or antenna and your body (excluding fingers, hands, wrists, ankles and feet). This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Supplier's Declaration of Conformity

Cirrus SR22T 1.5m BNF Basic and PNP (EFL15950 and EFL15975)

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.

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

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.

Horizon Hobby, LLC
2904 Research Rd.,
Champaign, IL 61822
Email: compliance@horizonhobby.com
Web: HorizonHobby.com

IC Information

IC: 6157A-TIARLGTNG1
CAN ICES-3 (B)/NMB-3(B)

This device contains license-exempt transmitter(s)/receivers(s) that comply with Innovation, Science, and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following 2 conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

Compliance Information for the European Union

EU Compliance Statement:
Cirrus SR22T 1.5m PNP (EFL15975); Hereby, Horizon Hobby, LLC declares that the device is in compliance with the following: EU EMC Directive 2014/30/EU, RoHS 2 Directive 2011/65/EU, RoHS 3 Directive - Amending 2011/65/EU Annex II 2015/863.

Cirrus SR22T 1.5m BNF Basic (EFL15950); Hereby, Horizon Hobby, LLC declares that the device is in compliance with the following: EU Radio Equipment Directive 2014/53/EU, RoHS 2 Directive 2011/65/EU, RoHS 3 Directive - Amending 2011/65/EU Annex II 2015/863.

The full text of the EU declaration of conformity is available at the following internet address: https://www.horizonhobby.com/content/support-render-compliance.

Wireless Frequency Range and Wireless Output Power:
2402 – 2478 MHz
19.95dBm

WEEE NOTICE:

This appliance is labeled in accordance with European Directive 2012/19/EU concerning waste of electrical and electronic equipment (WEEE). This label indicates that this product should not be disposed of with household waste. It should be deposited at an appropriate facility to enable recovery and recycling.

EU Manufacturer of Record:
Horizon Hobby, LLC
2904 Research Road
Champaign, IL 61822 USA

EU Importer of Record:
Horizon Hobby, GmbH
Hanskampring 9
22885 Barsbüttel Germany

Australia/New Zealand:

E328

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All other trademarks, service marks and logos are property of their respective owners.
US 8,672,726. US 9,056,667. US 9,753,457. US 10,078,329. US 9,930,567. US 10,419,970. US 10,849,013. Other patents pending.
https://www.horizonhobby.com/content/e-flite-rc