

# ARES

# SOPWITH PUP

## Quick-Start Guide (RTF & PTF)



Product specifications are subject to change without notice. Due to ongoing development, the actual product may vary from images shown.

This product contains chemicals known to the State of California to cause cancer, birth defects and other reproductive harm.

This product is not a toy! (14+) Recommended for ages 14 and up. Adult supervision required for ages under 18 years old. Contains small parts, keep out of reach of children 3 years of age and younger.

**Part Number:**

AZSA1500 Sopwith Pup Ultra-Micro RTF - Mode 2  
AZSA1500M1 Sopwith Pup Ultra-Micro RTF - Mode 1  
AZSA1501 Sopwith Pup Ultra-Micro PTF



To download the full Owner's Manual & Technical Information Guide, please visit [www.Ares-RC.com](http://www.Ares-RC.com) or scan the QR code with your smart phone.

**Distributed in the US by:**

Firelands Customer Service/Product Support  
1133 Libra Drive, Lincoln, NE 68512  
[www.firelandsgroup.com](http://www.firelandsgroup.com)  
1-800-205-6773  
customerservice@firelandsgroup.com

**Distributed in the UK by:**

J Perkins Distribution Ltd,  
Lenham,  
Kent, UK  
ME17 2DL.  
[www.jperkins.com](http://www.jperkins.com)

**Distributed in Australia by:**

Model Engines (Aust.) Pty. Ltd.,  
Unit 1, 158-168 Browns Road,  
Noble Park,  
Victoria,  
3174,  
Australia.  
[www.modelengines.com.au](http://www.modelengines.com.au)  
Ph (03) 8793 5555  
[warranties@modelengines.com.au](mailto:warranties@modelengines.com.au)

**FIRELANDS**



MADE IN CHINA

Full manual available to download from: [www.Ares-RC.com](http://www.Ares-RC.com)

## RTF

This Quick Start guide is written for the RTF (Ready to Fly) version of the Sopwith Pup. A full instruction manual is available to download from [www.ares-rc.com](http://www.ares-rc.com)

- 1 Carefully remove the transit tape and the foam retainers, then gently lift your Sopwith Pup and the other components from the box.



- 2 Ensure you have the following parts:
  - 100% Factory assembled Sopwith Pup
  - 4-channel transmitter with integral 100mA charger
  - 70mAh 3.7V 1S Li-Po battery
  - 4x AA cells



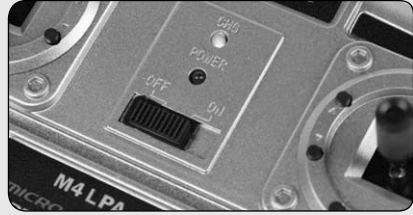
- 3 Remove the transmitter battery cover and insert the four AA alkaline cells observing the correct polarity. The cell orientation is indicated inside the battery box,



- 4 Open the hatch on the lower left corner of the transmitter. Locate the charge lead and connect it to the 70mAh Li-Po, making sure to align the red dots.



- 5** With the battery correctly connected the CHG (charge) light on the transmitter will glow solid yellow indicating that it is charging. Note that it is not necessary to switch the transmitter on to initiate charging.



- 6** A fully discharged battery will be charged in under an hour, at which point the yellow light will stop glowing. The battery is now ready to use and can be disconnected from the charge lead.



- 7** Pull the throttle stick back to its lowest point and switch ON the transmitter.



- 8** Connect the lead on the underside of the model to the battery (making sure to align the red dots as before) and use the magnet retainer to clip the battery in position with the plug end facing the tail.



- 9** Having plugged in the Li-Po the rudder and elevator control surfaces will move, indicating that the 3-in-1 control unit has initialized and that the motor is armed. Raising the throttle stick will now start the motor. In the unlikely event that the initialization process fails, follow the pairing instructions at the back of this manual.



## QUICK-START GUIDE

Check the control surfaces, as below, noting that instructions for servo reversing are available in the full online instruction manual at [www.ares-rc.com](http://www.ares-rc.com). On this 3 channel airplane the rudder function is controlled by the aileron stick on the transmitter.

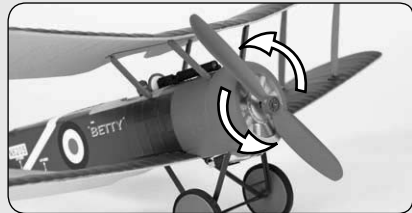
- 10** With the model in front of you, facing away, move the rudder stick to the right and check that the rudder moves right in response. Left rudder stick will move the rudder to the left.



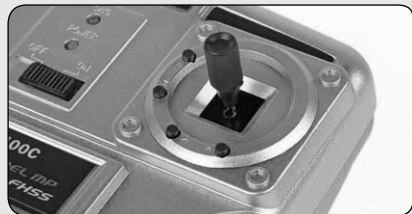
- 11** Pull the elevator stick back and check that the elevator moves in an upward direction. Push the elevator stick forward and check that the elevator moves in a downward direction.



- 12** With the propeller clear of obstructions and the model restrained, open the throttle slowly and check that it turns in an anticlockwise direction, when viewed from the front.



- 13** Check that the elevator and rudder are centered and adjust as necessary using the transmitter's trim buttons.



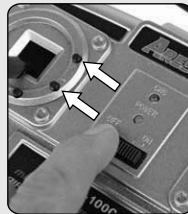
- 14** Your Sopwith Pup is now ready to fly. Choose a flat-calm day for the first flight or use a suitable indoor venue (a sports hall is ideal) that's free of obstructions. Note that it's not necessary to fly the Pup at full throttle, indeed scale flight and extended duration are performed at much lower throttle settings. We hope you have many enjoyable flights with with your Sopwith Pup.



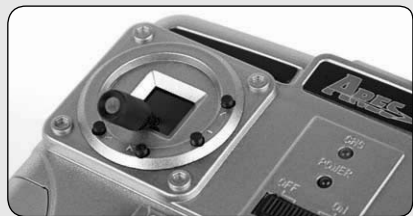
## Transmitter Pairing

Having followed Steps 1 to 9, in the unlikely event that your Sopwith Pup does not operate please follow the 3 stage pairing process detailed here:

- 1** Switch the transmitter ON and connect the flight battery as detailed in Step 8.



- 2** Simultaneously press the two throttle trim buttons. The transmitter will emit a series of beeps/tones indicating that it has entered pairing mode. Release the buttons.



- 3** The pairing process is complete when the servos (and the rudder/elevator) move back and forth briefly and the transmitter stops emitting the beeps/tones. You should now have full control of the airplane. Return to Step 10 to complete the set-up of your model.



## PTF

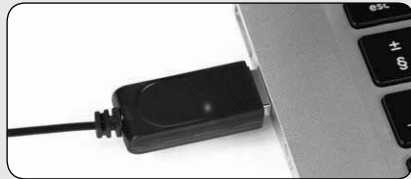
This Quick Start guide is written for the PTF (Pair to Fly) version of the Sopwith Pup. A full instruction manual is available to download from [www.ares-rc.com](http://www.ares-rc.com)

- 1 Carefully remove the transit tape and the foam retainers, gently lift the components from the box and ensure you have the following:

- 100% Factory assembled Sopwith Pup
- 70mAh 3.7V 1S Li-Po battery
- USB charger



- 2 Plug the supplied USB charger into a suitable port noting that the LED on the charger will flash red when connected.



- 3 Connect the battery to the charge lead making sure to align the red dots. Note that the flashing LED will now glow solid bright red. Note that a discharged battery will be charged in 30 to 50 minutes and can be seen to be fully charged when the red LED dims significantly. When this happens the battery is ready to use and can be disconnected from the charge lead.



- 4 Pair your chosen Hitec air transmitter to the Sopwith's 3-in-1 control unit. Start by following the pair / binding instructions supplied with your Hitec air transmitter making sure to select the Minima receiver option when prompted. Having put your transmitter into pair/bind mode, connect the battery to your Sopwith Pup to power it ON. Pairing will now commence. The process being complete when the rudder and elevator move back and forth briefly. Follow your transmitter's instruction manual for guidance on exiting the pairing process.



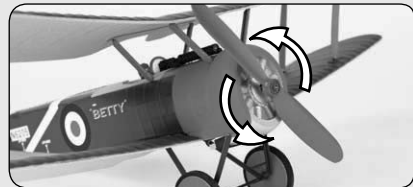
- 5** With the model in front of you, facing away, move the rudder stick to the right and check that the rudder moves right in response. Left rudder stick will move the rudder to the left.



- 6** Pull the elevator stick back and check that the elevator moves in an upward direction. Push the elevator stick forward and check that the elevator moves in a downward direction.



- 7** With the propeller clear of obstructions, open the throttle slowly and check that it turns in an anticlockwise direction, when viewed from the front.



- 8** Check that the elevator and rudder are centered and adjust as necessary using the trim buttons or the subtrim function on your computer radio.



- 9** Your Sopwith Pup is now ready to fly. Choose a flat-calm day for the first flight or use a suitable indoor venue (a sports hall is ideal) that's free of obstructions. Note that it's not necessary to fly the Pup at full throttle, indeed scale flight and extended duration are performed at much lower throttle settings. We hope you have many enjoyable flights with your Sopwith Pup.





NOTE: If you experience any problems,  
please consult online troubleshooting guide.