E-flite EFL71765 Turbo Timber SWS 2.0m BNF Basic and ARF Manual Addendum

E-flite EFL71765 Turbo Timber SWS 2.0m BNF Basic and ARF Manual Addendum Instruction Manual

Contents

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Flap Setup

- The transmitter setup tables in the printed manual were incorrect.

- Use the following tables to correctly set the Aircraft Type and Flap System values.
- Follow the Flap Setup Procedure below to test the flap system function before attempting flight.

Flap Setup Procedure

1. Before powering the model, disconnect the flap pushrod clevises from the flap control horns.
2. With the flap switch in the up position (Pos 0: 0% travel), power the model and verify the servo arms are perpendicular to the wing surface.
3. Adjust the clevises as needed to align each flap with the fixed inner portion of the wing trailing edge.
4. Reconnect the clevises to the flap horns, and secure them with the tubing.
5. Verify flap travel is 22mm (Pos 1), and 45mm (Pos 2). It may be necessary to make small adjustments to the Pos 1 and Pos 2 flap travel settings to achieve this.

DX Series Transmitter Setup
1. Power ON your transmitter, click on the 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 aeroplane. The system asks you to confirm the model type, data will be reset. Select **YES**
4. Set **Model Name**: Input a name for your model file
5. Scroll to **Aircraft type, and** click on the roller. Scroll to **Wing:** click on the roller and scroll to select **1Ail 1Flap.**
6. Select **<Main Screen>,** Click the scroll wheel to enter the **Function List**
7. Set **D/R (Dual Rate) and Expo**; **Aileron**   Set **Switch**: **Switch F**   Set **High Rates: 100%, Expo 10%** – **Low Rates: 70%, Expo 5%**
8. Set **D/R (Dual Rate) and Expo**; **Elevator**   Set **Switch**: **SWITCH C**   Set **High Rates**: **100%, Expo 10%** – **Low Rates 70%, Expo 5%**
9. Scroll to **Throttle Cut**; **Switch**: **Switch H, Position: -100%**
10. Scroll to **Flap System**   Set **SWITCH D**   Set **POS 0: 0% FLAP 0% Elevator**   Set **POS 1: 38% FLAP 3% Elevator**   Set **POS 2: 68% FLAP 9% Elevator**   Set **SPEED 2.0s**

Propeller

- The correct propeller size for this model is the included 15 x 8E (EFLP71764). Disregard any references to other sizes.

Motor/Thrust Reverse

- The included ESC requires an update to enable the thrust reversing feature. This can be accomplished with the use of a Spektrum Programming Box (SPMXCA200) and Windows PC.
- Alternatively, a programming card can be provided to you at no charge.
- If you prefer this option, send an email request to **productsupport@horizonhobby.com**.
- Include a photo of your purchase receipt and Turbo Timber SWS ESC Programmer in the subject line. Our Product Support team will send this as soon as possible.

NX Series Transmitter Setup
1. Power ON your transmitter, click on the scroll wheel, roll to **System Setup** and click the scroll wheel. Choose yes.
2. Go to **Model Select,** click on the scroll wheel, and choose *<Add New Model>* near the bottom of the list. Select *Airplane Model Type* by choosing the aeroplane, select *Create*
3. Set **Model Name**: Input a name for your model file
4. Scroll to **Aircraft type, and** click on the roller. Scroll to **Wing:** click on the roller and scroll to select *1Ail 1Flap.*
5. Select **<Main Screen>,** Click the scroll wheel to enter the **Function List**
6. Set **Rates and Expo**; *Aileron*   Set **Switch**: *Switch F*   Set **High Rates:** *100%*, **Expo** *10%* – **Low Rates:** *70%*, **Expo** *5%*
7. Set **Rates and Expo**; *Elevator*   Set **Switch**: *SWITCH C*   Set **High Rates**: *100%,* **Expo** *10%* – **Low Rates** *70%,* **Expo** *5%*
8. Scroll to **Throttle Cut**; **Switch**: *Switch H,* **Position:** *-100%*
9. Scroll to **Flap System** Set *SWITCH D*   Set **POS 0:** *0%* **FLAP** *0%* **Elevator**   Set **POS 1:** *38%* **FLAP** *3%* **Elevator**   Set **POS 2:** *68%* **FLAP** *9%* **Elevator**   Set **SPEED** *2.0s*

iX Series Transmitter Setup
1. Power ON your transmitter and begin once the Spektrum 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***, and 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** menu. Select **Aircraft Type** The system asks for permission to **Turn Off RF**, and select ***PROCEED***. Touch the screen to select the wing. Select ***1 Ail 1 Flap***.
7. Press and hold the back arrow icon in the upper left corner of the screen to return to the main screen.
8. Go to the **Model Adjust** menu
9. Set **Dual Rates and Expo**; Select ***Aileron*** Set **Switch**: ***Switch F*** Set **High Rates:** ***100%,*** Expo ***10%*** – **Low Rates:** ***70%,*** Expo ***5%***
10. Set **Dual Rates and Expo**; Select ***Elevator*** Set **Switch**: ***SWITCH C*** Set **High Rates**: ***100%,*** Expo ***10%*** – **Low Rates** ***70%,*** Expo ***5%***
11. Select **Flap System** Set ***SWITCH D*** Set **POS 0:** ***0%*** FLAP ***0%*** Elevator Set **POS 1:** ***38%*** FLAP ***3%*** Elevator Set **POS 2:** ***68%*** FLAP ***9%*** Elevator Set **SPEED** ***2.0s***
12. Select **Throttle Cut**; **Switch**: ***Switch H,*** Position: ***-100%***

Documents / Resources

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EFL71765, EFL71750, EFL71765 Turbo Timber SWS 2.0m BNF Basic and ARF Manual Addendum, Turbo Timber SWS 2.0m BNF Basic and ARF Manual Addendum, Basic and ARF Manual Addendum, ARF Manual Addendum, Addendum

References

- **User Manual**