



JMB-Jets Boeing TX/ T7A

Instructions



Specifications:

Length: 2050mm

Wingspan: 1340mm

Weight dry: 8,2 kg with K85G

For turbines: 7-12kg max

Dear Customer, thank you for purchasing our JMB-Jets jet product. Following you can find greater information for building and flying this model. Before you get started building and setting-up your aircraft, please make sure you have read this Instruction manual and understood it. If you have any questions, please don't hesitate to contact us.

Liability Exclusion and Damages, you have acquired a kit, which can be assembled into a fully working R/C model when fitted out with suitable accessories, as described in the instruction manual with the kit.

However, as manufacturers, are not in a position to influence the way you build and operate your model, and we have no control over the methods you use to install, operate and maintain the radio control system components. For this reason we are obliged to deny all liability for loss, damage or costs which are incurred due to the incompetent or incorrect application and operation of our products, or which are connected with such operation in any way. Unless otherwise prescribed by binding law, the obligation of our company to pay compensation is excluded, regardless of the legal argument employed.

This applies to personal injury, death, damage to buildings, loss of turnover and business, interruption of business or other direct and indirect consequent damages. In all circumstances our total liability is limited to the amount which you actually paid for this model.

BY OPERATING THIS MODEL, YOU ASSUME FULL RESPONSIBILITY FOR YOUR ACTIONS.

It is important to understand that the factory, is unable to monitor whether you follow the instructions contained in this instruction manual regarding the construction, operation and maintenance of the aircraft, nor whether you install and use the radio control system correctly. For this reason, we are unable to guarantee, or provide, a contractual agreement with any individual or company that the model you have made will function correctly and safely.

You, as operator of the model, must rely upon your own expertise and

judgement in acquiring and operating this model

Installation

Take out all components

You will find

- retract module with integrated sequencer
- brake module
- light module main lights and a small black module for gear lights
- spare parts as screws and scale parts
- wooden plates to fix the engine small ones as K70 or K85

Thrust tube

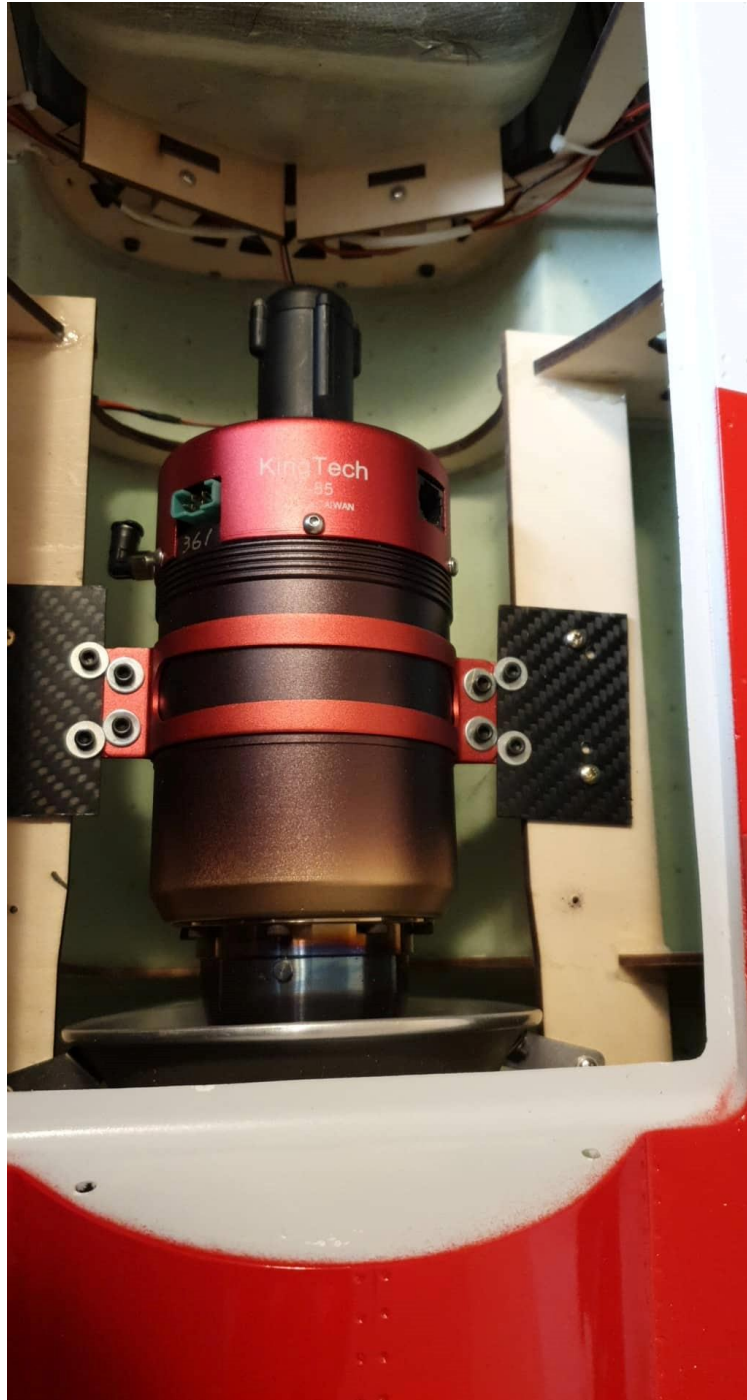
The tube is fixed provisory for transport please take out the screws and adjust as here on picture



Install of the engine

Install the engine like on pictures for K70 or K85 need to use plywood or else to fix it

Not needed with K100 or K120



All servos are preinstalled please check all hinges and screws; due transport they can get loose.

The servos are all HV

Install your receiver and all your components you will find some pictures in attachment.

Connect pump tubing on tank and UAT.



Electric retracts, door sequencer and brakes

The door hinges are not fixed yet to avoid damages on servos and door, first make dry tests, then fix the gear doors to the servos and try the waypoints and adjust you have digital servos so may be some noise can be, but this is ok

Test the doors always first without connected gears and gears up!!!

Instruction Manual



For JP Hobby Alloy Electric Retracts Landing Gear ER-005 / ER-010 / ER-120 / ER-150 / ER-200

A- Multi-function landing gear controller features:

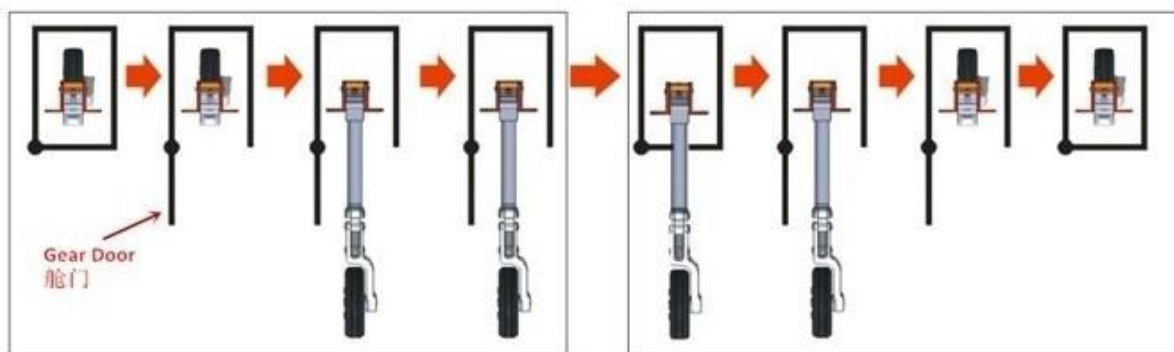
1. Automatic identification current
2. Set the voltage of the door servo
3. Set the CW and CCW direction and stroke of the door servo

4. Set the door retraction sequence

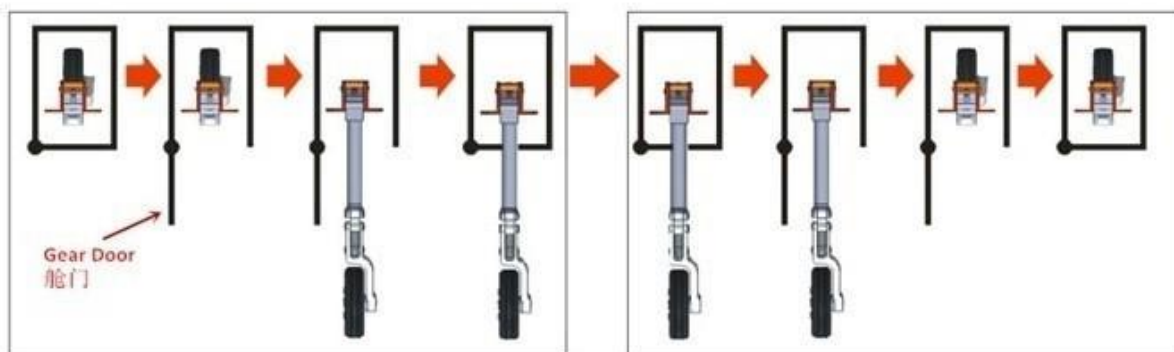
Long press the mode button to enter the setting mode:

1. When the A or B light is flashing, press the + / - button to set the servo CW and CCW direction function.
2. When A+B flashes alternately or C+D flashes alternately, press + / - button to set the stroke of the servo.
3. When the C lamp is flashing, it is V1 mode.
4. When the D lamp flashes, it is V2 mode.

Cinématique du séquenceur en mode V1



Cinématique du séquenceur en mode V2



B- Electric retract control operating principle:

In the normal service condition ,

- Turn on the retract switch then the control system will activate the retraction system to open after checking the door fully open by Auto. The doors will close after the retract are open.
- Turn off the retract switch then the control system will activate the retraction system to close after checking the doors fully open by Auto. The doors will close again after the retract are close.

| | | | | | | | |
|---------------------------------|-----------------------|---------------------|------------------------|------------------------------------|-----------------------|-------------------|------------------------|
| Start the Retract channel | Gear door OPEN | Retract DOWN | Gear door CLOSE | Shutted down Retract channel | Gear door OPEN | Retract UP | Gear door CLOSE |
|---------------------------------|-----------------------|---------------------|------------------------|------------------------------------|-----------------------|-------------------|------------------------|

C- Retracts installation, operation and maintenance

Installation:

Installation is simple. The Retracts have a stander clamping and its installation is similar to any standard retract. An advantage of the electric retract is that installations of complex valves and air circuits are unnecessary. The Retracts are supplied with long enough cable which is directly connected to the control unit. If the cable is no long enough, it can be extended with the correct polarity. Is advisable prolong just the necessary length to avoid voltage drops.

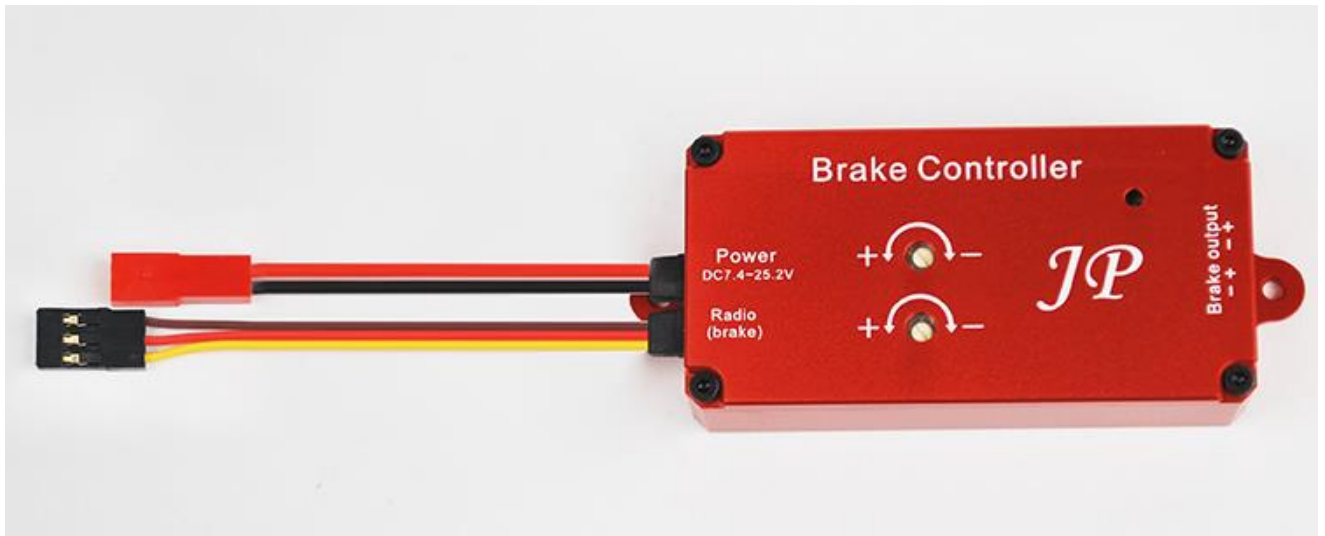
Operation:

Retracts must be operated always through JP Retract Control units. Never operate the retracts with direct battery or with other brands control units. The best quality of electric retracts. You will notice the advantage of not having to compress air before each flight, and you will forget the leaks.

Retracts Trouble shooting:

| Problems | Solutions | |
|---|---|--|
| The Retract doesn't move | Check whether the retract controller signal lines connected correctly | The retract controller signal lines connected to the retract channel again |
| | Check whether the remote control signal is normal | Check the switch channels. Good debugging remote control signal |
| | Check whether the remote control retract channel release percentage is set to $\pm 100\%$ | sure the release percentage is set to $\pm 100\%$ |
| | Check whether the 6V power supply is to run out of electricity | 6V battery charged |
| The gear door doesn't open | Check whether doors servo signal lines connected correctly | Please follow the labeled correctly connected in the controller |
| | Check whether door servo damage | Change the door servo |
| | Check whether three units retract are connected to the retract controller | Please connect three units retract to the control system |
| The gear door run is in wrong direction | Please check the doors servo signal lines connected to the right channel | Change the doors servo signal lines from wrong channel to other one |
| Three units retract not work in the same direction | Check the retract cable is correct | Reverse running horse cables properly connected to the controll |

JP New Adjustable E-Brake Using illustration:



1. **Voltage input:** 7.4v - 25.2v (2S -6S Li-Po)
2. **Voltage output:** 6V
3. **Signal input:** Connected to the brake wheel channel of receiver (on/off channel of remote control),and set an action.
4. **Setting:** The percentage of transmitter which control the brake force. **+/-100%** is max brake force. The percentage setting to **+100%/-100% ~ -50%** OR **(+100% ~ +50%/-100%)**. **Max / lower** percentages of brake channel are adjust the left and right braking power together.
5. **Capacity control:** adjustment counter clockwise (+) will increase the brake force, clockwise(-) will reduce brake force.These capacity control are adjusting the left or right braking power alone.
6. **Size:** 35mm (W) x 70mm (L) x 18mm (H)
7. **Weight:** 58g

Navigation light controller manual



Setup

CG: 115mm

Elevons: 50mm up et down

Taileron: 8mm up/down

Flaps ailerons: 20mm up/down

**Enjoy
Nice maiden and a lot of fun**



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