Open the "Airplanes" link, then select Mini Delta EP. If there is new technical information or changes to www.greatplanes.com, for the latest technical updates or manual corrections to the Great Planes Mini Delta EP visit the Great Planes web site at http://www.greatplanes.com.

For your safety when testing the motor, always use safety glasses. Do not run the motor in an area of loose gravel or sand; the propeller may throw such material in your face or eyes. Failure to follow these safety precautions may result in your plane of rotation as you start and run the motor.

Keep your face and body as well as all spectators away from the propeller. Motors explode, burns, or propels a projectile of any kind.

Safety Code:

1) I will not fly my model aircraft in sanctioned events, air shows, or model flying demonstrations until it has been proven to be airworthy by having been previously, successfully flight tested.
2) I will not fly my model aircraft higher than approximately 400 feet within 3 miles of an airport without notifying the airport operator. I will give right-of-way and avoid flying in the proximity of full-scale aircraft. An observer shall be utilized to supervise flying to avoid having models fly in the proximity of full-scale aircraft.
3) I will not knowingly operate my model within three miles of any pre-existing flying site except in accordance with the frequency sharing agreement listed on or in the model. Note: This does not apply to models while being flown indoors.
4) I will operate my model using only radio control frequencies other than the landing gear intentionally touch the ground, except while landing.
5) If I have a condition that could reasonably be expected to affect my ability to operate a model safely, I will not operate my model.
6) I will not operate models with pyrotechnics (any device that explodes, burns, or propels a projectile of any kind).
7) I will not operate models with address or AMA number, on or in the model. Note: This does not apply to models while being flown indoors.
8) I will not operate models in flight to which I have not been a pilot or other person touch a part of the model.
9) Under no circumstances may a pilot or other person touch a powered model in flight; nor should any part of the model except in accordance with the frequency sharing agreement listed on or in the model. Note: This does not apply to models while being flown indoors.

IMPORTANT!!!

Please read and follow all warnings and instructions. The contents of this kit are enclosed in the box. You may have purchased the box separately. Before starting to build, take an inventory of this kit to make sure it is complete, and inspect the parts to make sure any parts are missing or are not of acceptable quality, or if you need assistance with assembly, the buyer is advised to return this kit for any damage resulting from the use by the user of the final user-assembled product. By the act of using the user-assembled product, the buyer assumes all risk and responsibility for the use thereof. In that Great Planes has no control over the final assembly or material used for final assembly, no liability shall be assumed nor accepted for any injury or damage arising from the use thereof.

WARRANTY

Great Planes, a division of GST Brands, Inc. guarantees this product to be free of defects in materials and workmanship for a period of twelve months from the date of purchase. This warranty does not cover any component parts damaged by use or modification. Great Planes® Model Manufacturing Co. USA

Champaign, IL  61822

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Great Planes Product Support

Technical: (217) 398-8970 ext. 5
General: (217) 398-8970 ext. 5

WEAR SAFETY GLASSES AT ALL TIMES WHEN WORKING WITH модель.
GET THE MODEL READY TO FLY

CHECK THE CONTROL DIRECTIONS

1. With the transmitter and receiver on, check all the control surfaces to see if they are centered. If necessary, adjust the clevises on the pushrods to center the control surfaces.

2. Make certain that the control surfaces and the throttle respond in the correct direction as shown in the diagram.

SET THE CONTROL THROWS

These are the recommended control surface throws:

- **ELEVATOR**
  - Up: 3/8" [9mm]
  - Down: 3/16" [4.5mm]

- **AILERONS**
  - Up: 3/8" [9mm]
  - Down: 3/16" [4.5mm]

IMPORTANT:
- For a flying wing to be aerodynamically stable, the neutral position of the elevons needs to be raised from neutral. To achieve pitch stability, place a ruler on the bottom of the wing and adjust the neutral position of the elevons so that the trailing edge of each elevon is raised 3/32" [2mm].

BALANCE THE MODEL (C.G.)

More than any other factor, the C.G. (balance point) can have the greatest effect on how a model flies, and may determine whether or not your first flight will be successful. If you value this model and wish to enjoy it for many flights, DO NOT OVERLOOK THIS IMPORTANT PROCEDURE.

A model that is not properly balanced will be unstable and possibly unflyable.

IMPORTANT:
- Mini Delta EP has been extensively flown and tested to arrive at the throws at which it flies best. Flying your model at these throws will provide you with the greatest chance for successful first flights.

When checking the C.G. the model should be in ready-to-fly condition with all of the systems in place including the battery. ... along the leading edge of the wing. Change the location of the motor battery to balance your airplane at that point.

FLYING

Mini Delta EP is a great-flying model that flies smoothly and predictably. Mini Delta EP does not, however, possess the self-recovery characteristics of a primary R/C trainer and should be flown only by experienced R/C pilots.

TAKEOFF

Hold the airplane from the fuselage under the wing and point it slightly "up". Remember to launch the airplane into the wind. Apply 3/4 to full throttle and launch the plane with moderate force.

FLIGHT

This plane can fly fast for about 6 minutes when flown at full throttle. The airplane is fast but predictable. Get used to the plane at low rates before switching to high rates as the roll and pitch rates will become extremely quick on high rates. Flight times will increase if throttle management is practiced. The Mini Delta EP can maintain altitude at 1/3 throttle and it can fly most maneuvers at ½. The Mini Delta EP is still stable and predictable at slow speeds and it also allows the pilot more time to think about its reactions. The Mini Delta EP is capable of loops and rolls, inverted flight and any other maneuver that does not require rudder. On high rates, it can also perform some stalling maneuvers like walls.

LANDING

To initiate a landing approach, lower the throttle and let the airplane lose some altitude. When the model is 2-3 feet [60-90 cm] from the ground, apply up elevator to bleed off speed and land while maintaining the same heading.

GOOD LUCK AND GREAT FLYING!