

PROBLEM: Stabilization not working properly.

SOLUTION: (1) Battery voltage low. (2) Re-link. (3) Recalibrate the sensors.

PROBLEM: Will not take off.

SOLUTION: Rotor blades incorrectly installed. See Blade Replacement section.

PROBLEM: Hovershot is shaking.

SOLUTION: Check the canopy, chassis, motors and rotor blades for damage.

PROBLEM: The Hovershot does not maintain altitude when the throttle stick is in the center position.

SOLUTION: Recalibrate the sensors.

VIDEO PROBLEMS

PROBLEM: There are missing or corrupt files on the memory card.

SOLUTION: Refer to RECORDING VIDEO AND PICTURES WITHOUT THE APP for information regarding camera initialization and closing of files.

SOLUTION: Allow 2-3 seconds between taking pictures.

PROBLEM: The video button on the controller does not work or works intermittently.

SOLUTION: The video button must be pressed and quickly released. The controller will beep when the button works properly.

SOLUTION: The video button on the controller toggles between start/stop video. If using both the app and the video button to control video recording, you may need to press the video button a second time in some instances to get the correct start or stop command.

PROBLEM: The WiFi connection is lost during flight.

SOLUTION: There may be interference in the area. Try flying in a different location.

SOLUTION: You are exceeding the WiFi range of the DroneView camera. Maintain a closer proximity to your device during flight.

PROBLEM: The app does not re-establish connection after the connection has been lost.

SOLUTION: Close the DroneView app and remove it from the background tasks. Restart the DroneView app.

PROBLEM: Exporting files was interrupted and the export function cannot be restarted.

SOLUTION: Close the DroneView app and remove it from the background tasks. Restart the DroneView app. Run the export function again.

PROBLEM: You recorded videos/pictures but there are no files on the memory card.

SOLUTION: The memory card was incorrectly inserted into the camera. Refer to RECORDING VIDEO AND PICTURES WITHOUT THE APP for instructions on the proper installation of the memory card.

PROBLEM: Horizontal scrolling lines appear in video or pictures.

SOLUTION: Avoid aiming the camera directly into the sun or reflected sunlight.

BLADE REPLACEMENT

Each arm and rotor blade on the Hovershot is marked with the letter "A" or "B". The blade must be installed on an arm with the same letter or the quadcopter will not be able to fly.

Carefully pry the blade off of the motor with a flat blade screwdriver.

Colored blades are on the front motors. Black blades are on the rear.



CALIBRATION

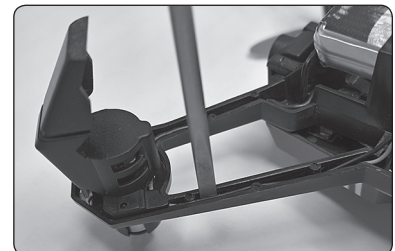
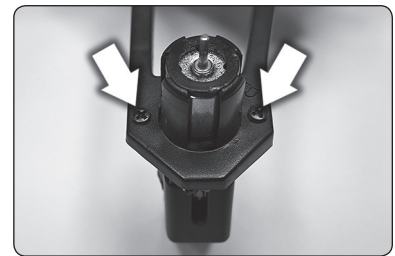
If the quadcopter is constantly drifting in the same direction or the quad is not maintaining altitude, or any time a new flight control board has been installed, the sensors on the Hovershot should be calibrated.

1. **Calibrate the sensors before the first flight.** Center all the trim adjustments. To center the trim settings, hold down one side of the trim button until you hear a long beep. If the controller stops beeping, release the trim button and hold down the other side.
2. Place your Hovershot on a level surface and link the quadcopter with the controller and arm the transmitter.
3. Press and hold the right stick in its lower right corner.
4. Move the left stick down and to the right. When the quad LEDs start to flash, release both sticks. The LEDs will stop flashing when the calibration is complete.



MOTOR REPLACEMENT

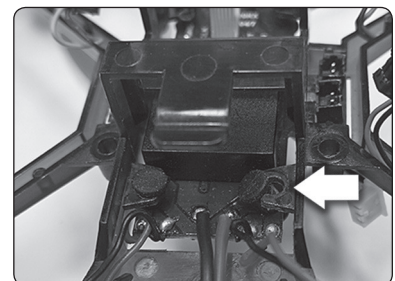
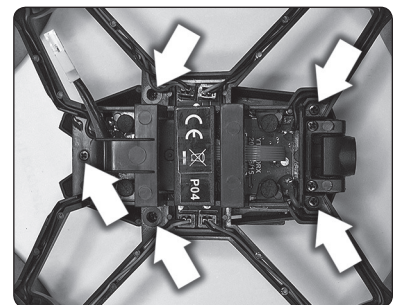
1. Remove the rotor blade and prop guard.
2. Remove the two screws next to the motor.
3. Turn the Hovershot over and carefully remove the motor cover.
4. Unplug the motor from the frame and remove the motor.
5. Replace the motor with a new motor that has the same color wires.
6. Use a small flat blade screwdriver to push the wires inside the arm.



CONTROL BOARD REPLACEMENT

1. Remove the 5 screws that secure the body and camera.
2. Unplug the camera cable.
3. Unplug the 4 motor wires.
4. Remove the 4 motor covers. Please refer to the Motor Replacement section for details.
5. Remove the LED boards from the motor covers and carefully pull the wires out of the arms.
6. Push the 4 control board dampeners out of the frame and remove the control board.

Reverse these steps to install the new control board.



CAMERA REPLACEMENT

1. Remove the Hovershot body. Please refer to the Control Board Replacement section for details.
2. Unplug the camera cable.
3. Remove the 2 screws that secure the lens assembly to the body.
4. Remove the 4 screws that secure the camera board to the body.

Reverse these steps to install the new camera assembly.

BATTERY PRECAUTIONS

The Hovershot uses a lithium polymer (LiPo) battery. Follow these precautions to ensure safe and trouble-free operation.

- ALWAYS disconnect the battery from the quadcopter when not in use.
- Do not attempt to use this charger with NiCd or NiMH battery packs.
- Do not attempt to use a damaged battery.
- This product contains a LiPo battery that must be recycled or disposed of properly.
- Do not leave the charger unattended while charging. Disconnect the battery and unplug the charger immediately if either becomes hot! However, it is normal for the charger to get warm.
- Disconnect the battery from the charger and carefully move the battery to a fireproof location if the battery begins to swell or smoke!
- Never allow the battery temperature to exceed 140° F [60° C].
- Do not attempt to charge a battery if it is swollen or hot.
- Do not place the charger or any battery on a flammable surface or near combustible materials while in use.
- Never disassemble or modify pack wiring in any way or puncture cells.
- Never charge inside a vehicle.
- Always disconnect the battery and unplug the charger when not in use.
- Land your model immediately when the LEDs flash to indicate that the battery power is low. Recharge the battery before attempting another flight. A dangerous situation can occur when attempting to recharge an over-discharged battery!
- ALWAYS keep a supply of sand accessible when charging. Dumping sand on the battery will extinguish a LiPo chemical fire.
- ALWAYS KEEP OUT OF REACH OF CHILDREN

SAFETY PRECAUTIONS

Follow these safety precautions when operating this or any model quadcopter.

- Adult supervision required.
- Before flying, go to www.knowbeforeyoufly.org.
- Do not touch the spinning blades or fly over another person's head.
- Keep your face and body as well as all spectators away from the rotors whenever the battery is connected.
- Stay clear of buildings, trees and power lines. **AVOID** flying in or near crowded areas. **DO NOT** fly close to people, children or pets.
- Maintain a safe pilot-to-quadcopter distance while flying.
- Your Hovershot quadcopter should not be considered a toy, but rather a small, working model. If not operated correctly, the model could possibly cause injury to you or spectators and damage to property.

- You must check the operation of the model before every flight to ensure that the model has remained structurally sound.
- Do not alter or modify the model, as doing so may result in an unsafe or unflyable model.
- Do your part in preserving the integrity of the FPV hobby. Know the boundaries of your flying area and **ALWAYS** respect the privacy of others.

90-DAY LIMITED WARRANTY

PLEASE DO NOT RETURN YOUR PRODUCT TO THE STORE. Dromida will repair or replace factory defects for 90 days from the date of purchase. This warranty specifically does not cover crash damage, misuse or abuse. To make a warranty claim, please contact our product support team at **1-217-398-8970 option 6** or e-mail us at helihotline@greatplanes.com. If requested by Product Support, please send defective product to:

Hobby Services

3002 N Apollo Dr., Suite #1
Champaign, IL 61822

In the European Union, send it postpaid and insured to:

Service Abteilung Revell GmbH
Henschelstrasse 20-30
32257 Bünde Germany

Tel: 01805-110111
(nur für Deutschland)

E-mail: Hobbico-Service@Revell.de

Please include a note about the problem, your contact information, and a copy of the receipt.

This warranty applies only if the product is operated in compliance with the instructions and warnings provided with each model. Dromida assumes no liability except for the exclusive remedy or repair of parts as specified above. Dromida shall not be liable for consequential or incidental damages. Some states do not allow the exclusion of consequential or incidental damages so the above exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

IC PRECAUTIONS

IC RSS WARNING

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

IC RADIATION EXPOSURE STATEMENT

This equipment complies with IC RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

CE COMPLIANCE INFORMATION FOR THE EUROPEAN UNION

INSTRUCTIONS FOR DISPOSAL OF WASTE EQUIPMENT BY PRIVATE USERS IN THE EUROPEAN UNION:

This symbol on the product or its packaging indicates this product must not be disposed of with other household waste. Instead, it is the user's responsibility to dispose of their waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or location where you purchased the product.



DECLARATION OF CONFORMITY:

Product: Dromida 2.4GHz 4-Channel Tx Rx FCC ID: IYFMR101
Item number: DIDJ1106 MR101
Equipment class: 1

MR101 transmitter: The objects of the declaration described here are in conformity with the requirements of the specifications listed below, following the provisions of the European 2006/95/EC Low Voltage Directive:

EN 60950-1:2013 Safety

The objects of the declaration described here are in conformity with the requirements of the specifications listed below, following the provisions of the European R&TTE directive 1999/5/EC:

EN300 328 V1.9.1.

Technical requirements for radio equipment

ETSI EN 301 489-1 V1.9.1, 301 489-17 V2.2.1 General EMC requirements for radio equipment

Hobbico, Inc.

2904 Research Road
Champaign, IL USA 61826

Distributed in Europe by Revell GmbH
D-32257 Bünde Germany

The associated regulatory agencies of the following countries recognize the noted certifications to this product as authorized for sale and use.

UK	DE	DK	BG	SE	FI	GR
EE	LV	LT	PL	CZ	SK	HU
RO	SI	AT	IT	ES	PT	IE
NL	LU	MT	CY			



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

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

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.

FCC RADIATION EXPOSURE STATEMENT

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.



TO PREVENT MOTOR DAMAGE ALWAYS BE SURE THE THROTTLE IS OFF WHEN THE BLADES ARE OBSTRUCTED OR CONTROL IS LOST. PRESS AND HOLD THE MOTOR OFF PANIC BUTTON!



REPLACEMENT PARTS

- 1 DIDE1276 Canopy
- 2 DIDE1277 Prop Set
- 2 DIDE1502 Prop Set Black/White
- 2 DIDE1552 Prop Set Black/Yellow
- 3 DIDE1278 720p Camera Assembly
- 4 DIDE1279 Prop Guards
- 5 DIDE1280 E-Board
- 6 DIDE1281 Main Frame
- 7 DIDE1283 Main Motor CCW R/F, L/R
- 8 DIDE1282 Main Motor CW L/F, R/R
- 9 DIDE1284 Landing Feet Motor Covers
- 10 DIDE1275 LiPo 1S 3.7v 650mAh
- 11 DIDE1285 Screw Set
- 12 TACZ1010 4G C10 Micro Memory Card
- DIDE1511 USB Charger 1S LiPo ZH Plug

DIDJ1106 MR101 TX with Altitude Hold

DIDE1215 TX Mobile Phone Holder

