




Agras T40/T20 P Release Notes

Date:	2022.12.12
Aircraft Firmware:	v01.00.0308
Remote Controller Firmware:	v01.01.0634
DJI Agras App:	v6.4.9
DJI Assistant 2 for MG:	v2.1.2

What's New?

- Added support for Remote ID requirements in the United States.
- Added auto optimization for flight route heading. Flight routes with optimal heading for different areas in a field will be automatically planned according to the shape of the field. Tap the  icon and enable Auto Optimization in the Navigation Tuning menu.
- Added support to unlock flight restrictions between different countries and regions using an unlocking license.
- Added support to import third-party prescription maps from a microSD card. The prescription map files should be stored in the following path: root directory in the microSD card\DJI\RX.
- Added support to select the area unit and way to resample when importing prescription maps from a microSD card.
- Improved stability of RTK positioning and orientation.
- Optimized UI for Task Summary.

Notes:

- This firmware includes Intelligent Flight Battery firmware. **If you have multiple batteries, please run this firmware update on all of them.**
- Make sure to update the firmware for both the aircraft and the remote controller. Otherwise, they will not be compatible with each other.



Agras T40/T20 P Release Notes

Date:	2022.08.02
Aircraft Firmware:	v01.00.0230
Remote Controller Firmware:	v01.01.0536
Charging Device Firmware:	v05.02.0430
DJI Agras App:	v6.3.13
DJI Assistant 2 for MG:	v2.1.2

What's New?

Aircraft & Remote Controller:

- Added obstacle bypassing function. Before performing operations, choose the corresponding task terrain from Mapping/Field on Flatland, Fruit Orchard on Flatland, or Mountain Land in Sensor Settings in the app according to the operating environment, and enable terrain follow and obstacle bypassing. Note that the max flight speed of the aircraft will be limited to 7 m/s, and the height above the crops will be limited to 2.5 to 8 m when obstacle bypassing is enabled.
- Optimized altitude stabilization function of the radar and UI display. For Mapping and Route operations, go to Sensor Settings, choose Mapping/Field on Flatland, and enable Auto Terrain Follow to achieve altitude stabilization.
- Updated GEO zone restriction to meet regulations.
- Supported to select whether to fly to the first waypoint at an altitude of the Connection Routing altitude pre-set in Pre-Task Auto Check and Aircraft Settings.
- Supported to re-center the gimbal of the FPV camera automatically during RTH.
- Optimized RTK Settings display. The Aircraft RTK Positioning switch is now canceled, and its setting will automatically change with the RTK signal source selection.
- Optimized weight sensor detection stability to fix the rare issue of abnormal weighing value.
- Added function to identify fields and obstacles for reconstruction results of Route Mapping operations.
- Supported to set the resolution to medium or high in Task Settings when planning the field for Route Mapping operations.
- Optimized reconstruction algorithm and improved integrity of reconstruction results for repeating or sparse textures.
- Optimized the data storage for Mapping operations to reduce the space occupied in the remote controller storage.
- Optimized hint for flight record auto sync. Users can enable auto sync directly on the User Information page.

<https://www.dji.com/t40> or <https://www.dji.com/t20p>



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- Supported to adjust waypoint height in 3D point cloud mode and optimized UI experience when editing Fruit Tree routes.
- Adjusted obstacle display area to 50 m around the field when loading the task data imported from DJI Terra.
- Optimized method to select the overlapping fields.
- Supported to adjust waypoint position in field editing mode by tapping and holding the point and then dragging.
- Supported pump calibration to improve flow control precision.
- Supported to set scheduled power off and output power for the generator. (using with a charging device firmware of v05.02.0430)

Generator & Charger:

- Supported to set scheduled power off and output power for the generator in the DJI Agras app.
- Optimized control of the cooling fans.

Notes:

- This firmware includes Intelligent Flight Battery firmware. **If you have multiple batteries, please run this firmware update on all of them.**
- Make sure to update the firmware for both the aircraft and the remote controller. Otherwise, they will not be compatible with each other.