Understanding the Mission Stages
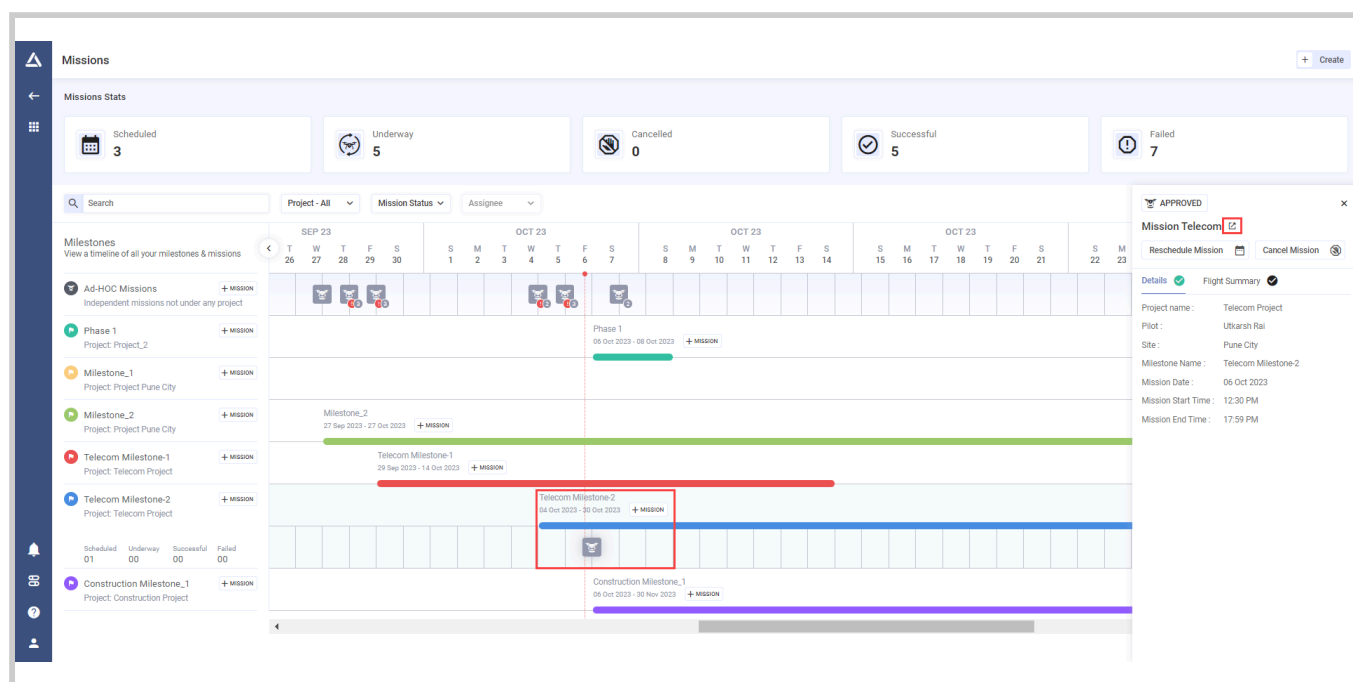
▦ Updated on 15 Apr 2024 · ⏱ 7 Minutes to read · Contributors 🅐

Once a mission is scheduled, you can track its current stage from the **Mission Details** page.

1. To view the stage of the mission and track mission progress, click on the **mission** icon. The mission sidebar is displayed.

> **In case of multiple missions scheduled for the day, a list of missions is displayed. To track the progress of a specific mission, hover over it and click View.**
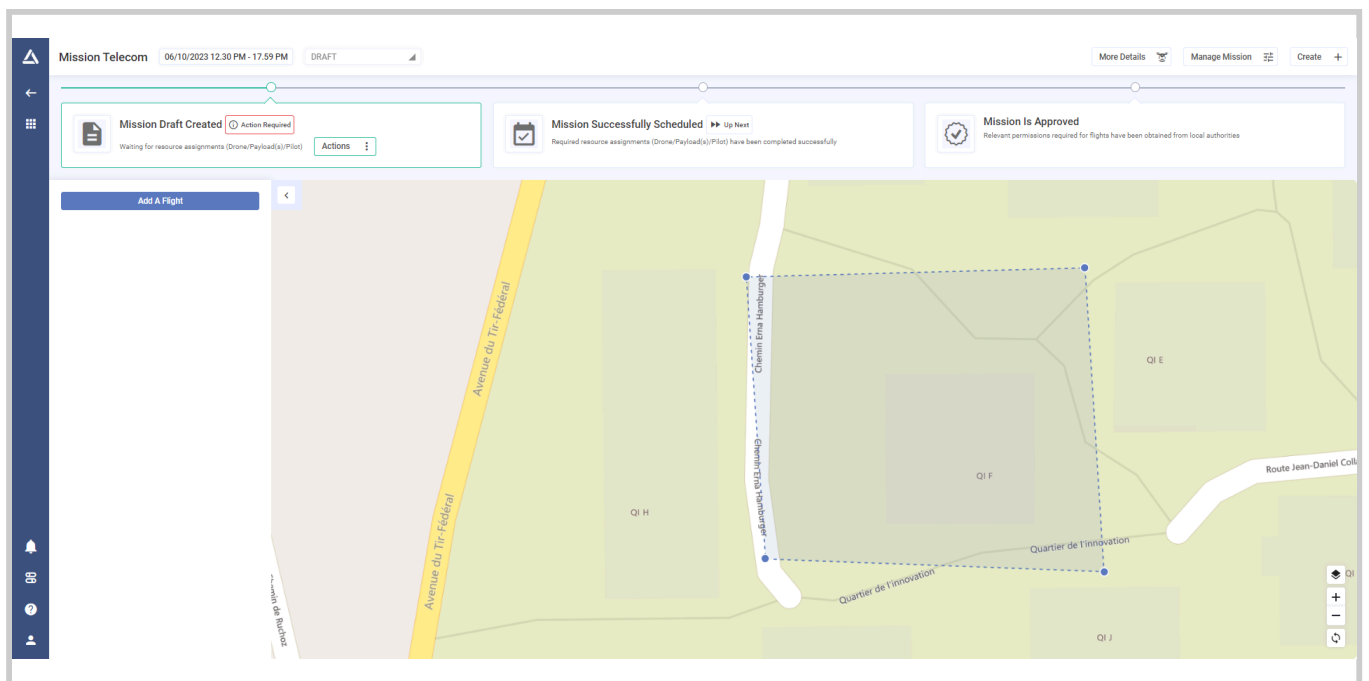
2. In the mission sidebar, click the **expand** icon.

Mission Displayed on the Timeline

The **Mission Details** page is displayed that shows the different stages of the mission on a timeline. The current stage of the mission highlighted with a green border. The mission will either be in:
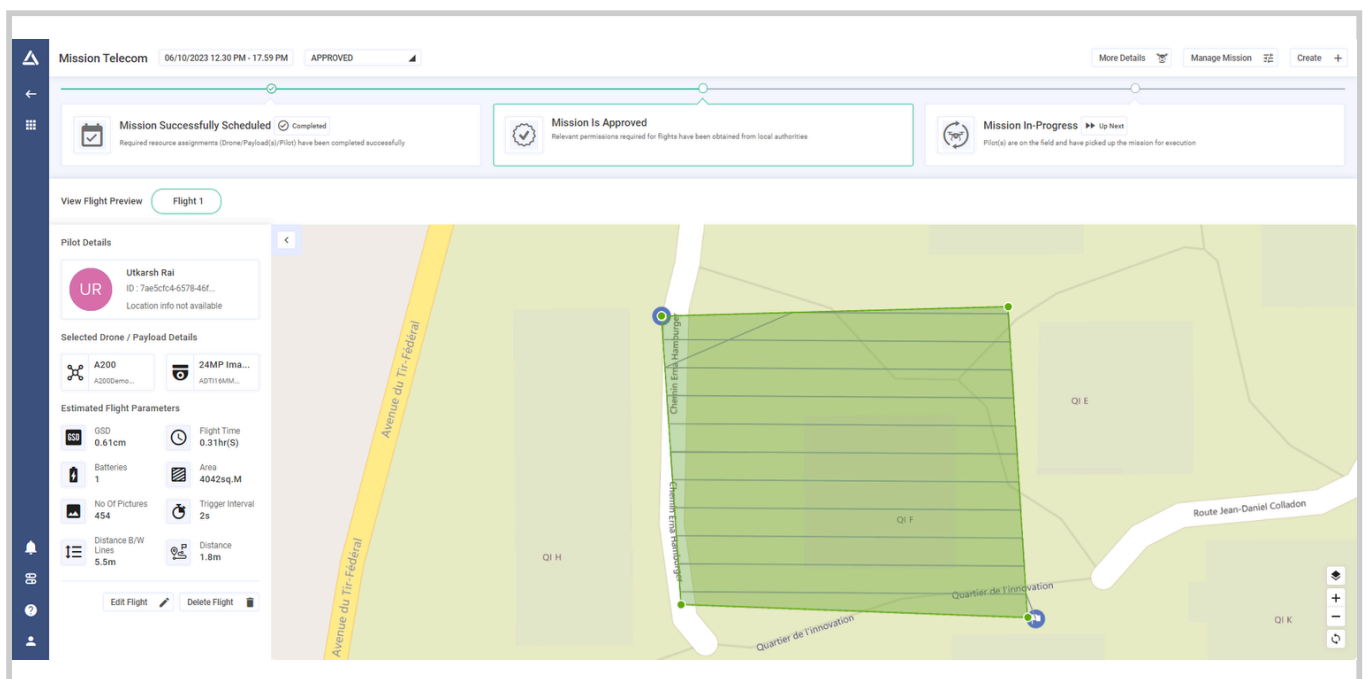
○ **Draft stage**: A mission will be in the Draft stage if resources are not assigned during mission creation or if the mission creation process is abandoned in between. You can **add flight** and **assign resources** to take the mission to the next stage.

Mission in Draft Stage

- **Approved stage**: A mission enters the approved stage once you have added the flight, have assigned the required resources and scheduled the mission.
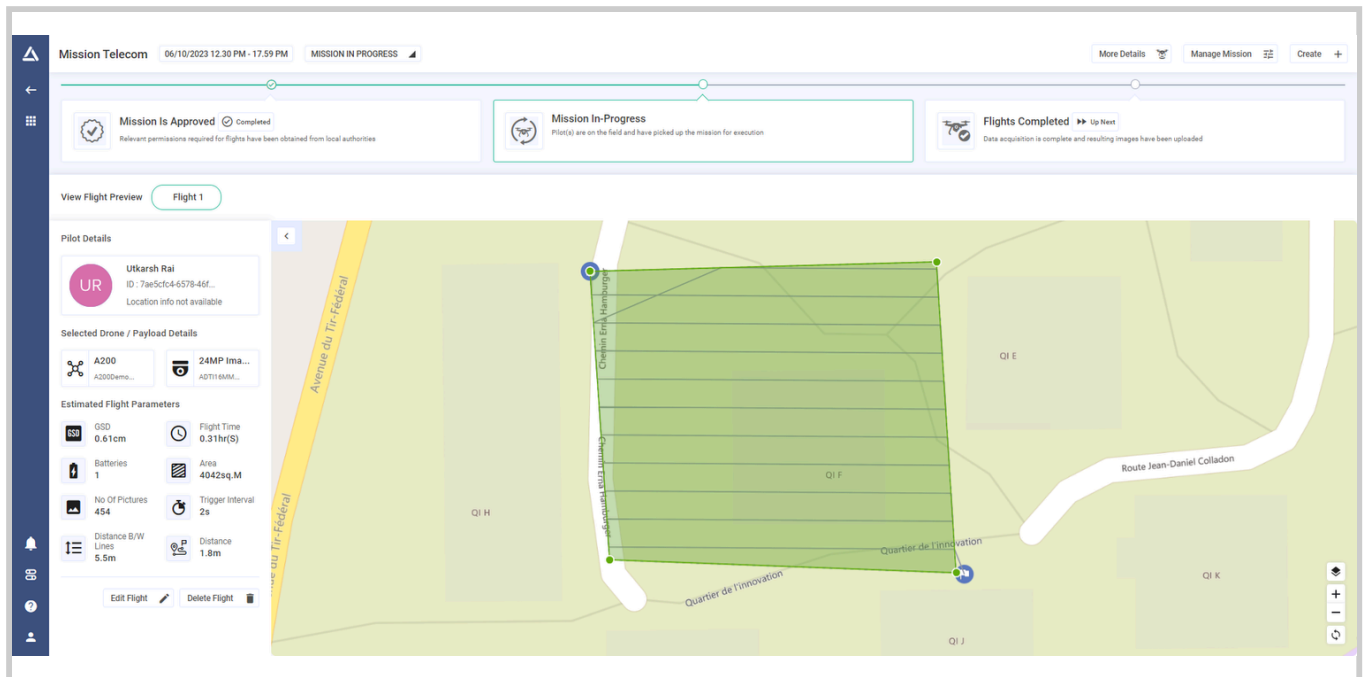
  Once the mission is scheduled, the assigned Pilot can view the details of this mission in their schedule on the SkyDeck Pilot Application.

Mission in Approved Stage

2. At the mission start time, the assigned Pilot can start the execution of the approved mission on the SkyDeck Pilot Application. This action updates status to **Mission In-Progress**.
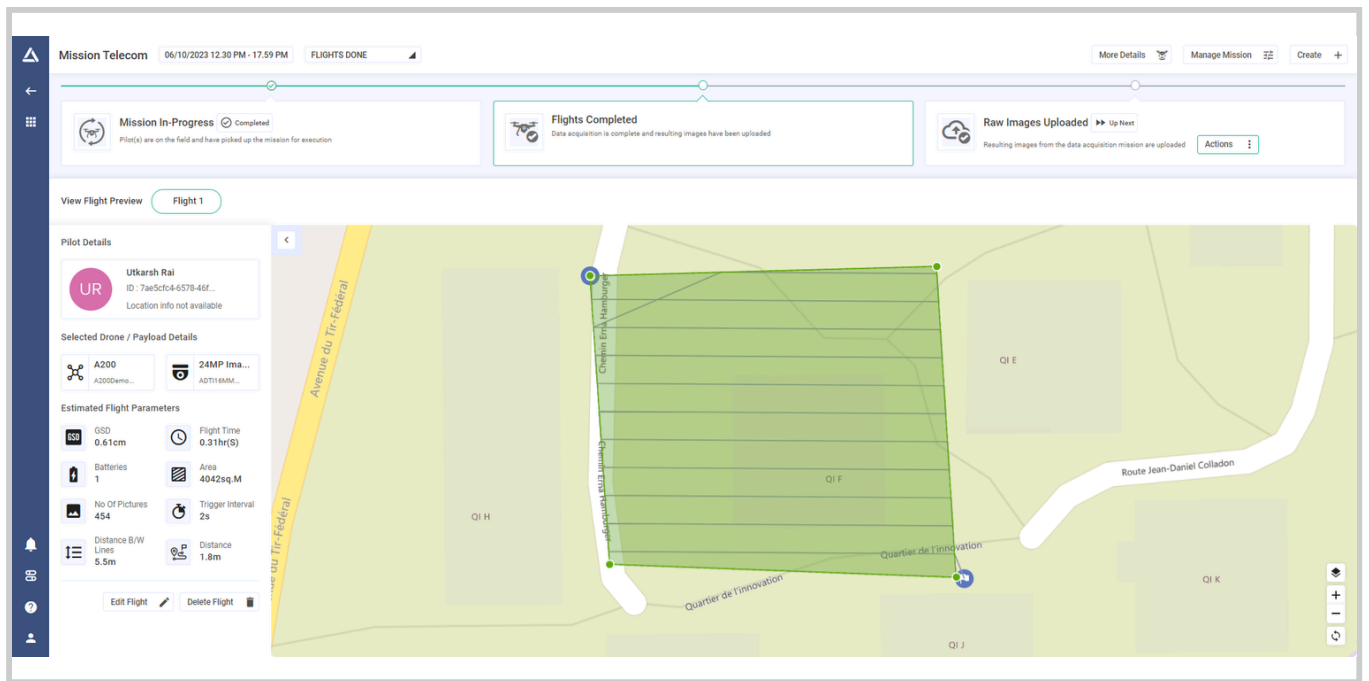
> **If the pilot does not start the mission within the allotted time, then the mission is automatically marked as failed.**
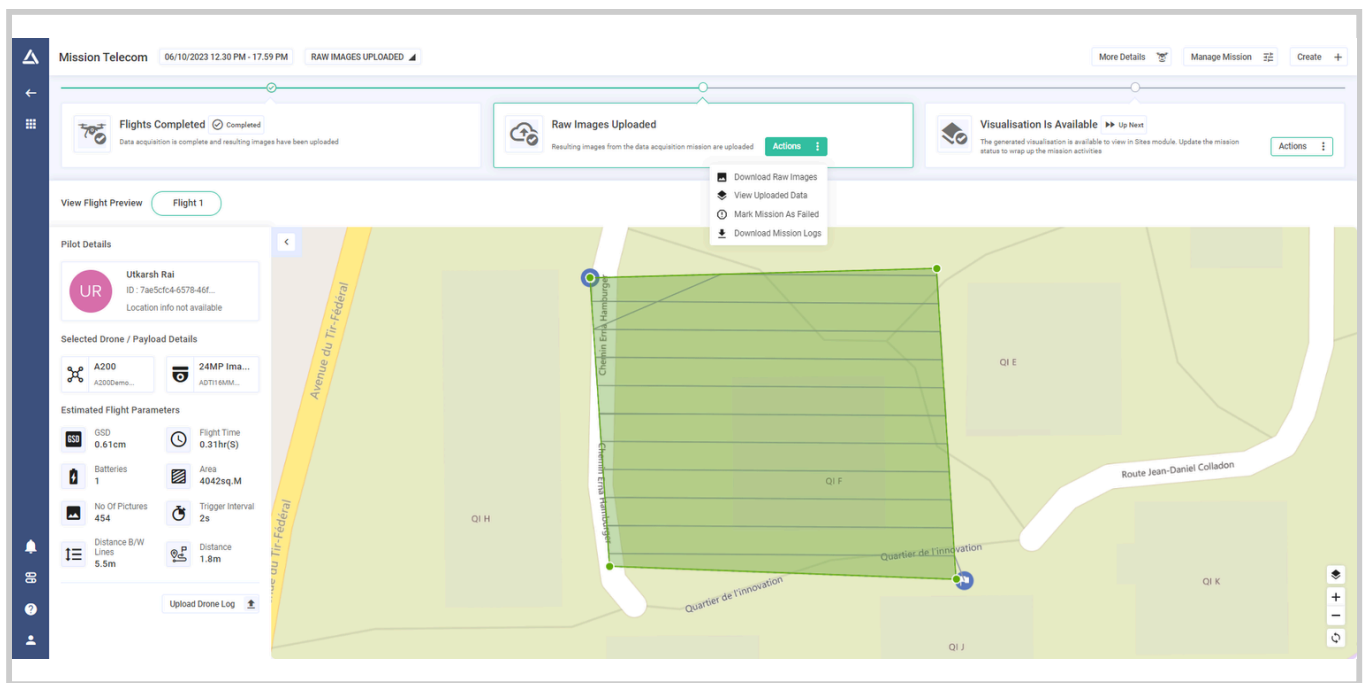

Mission in In-Progress Stage

4. Once all the flights in the mission are completed and all the necessary data from the field is captured, the pilot can trigger the mission stage update to **Flights Completed**.

> **If the pilot starts the mission on time but is unable to complete it before the end time, then the mission is automatically marked as failed.**
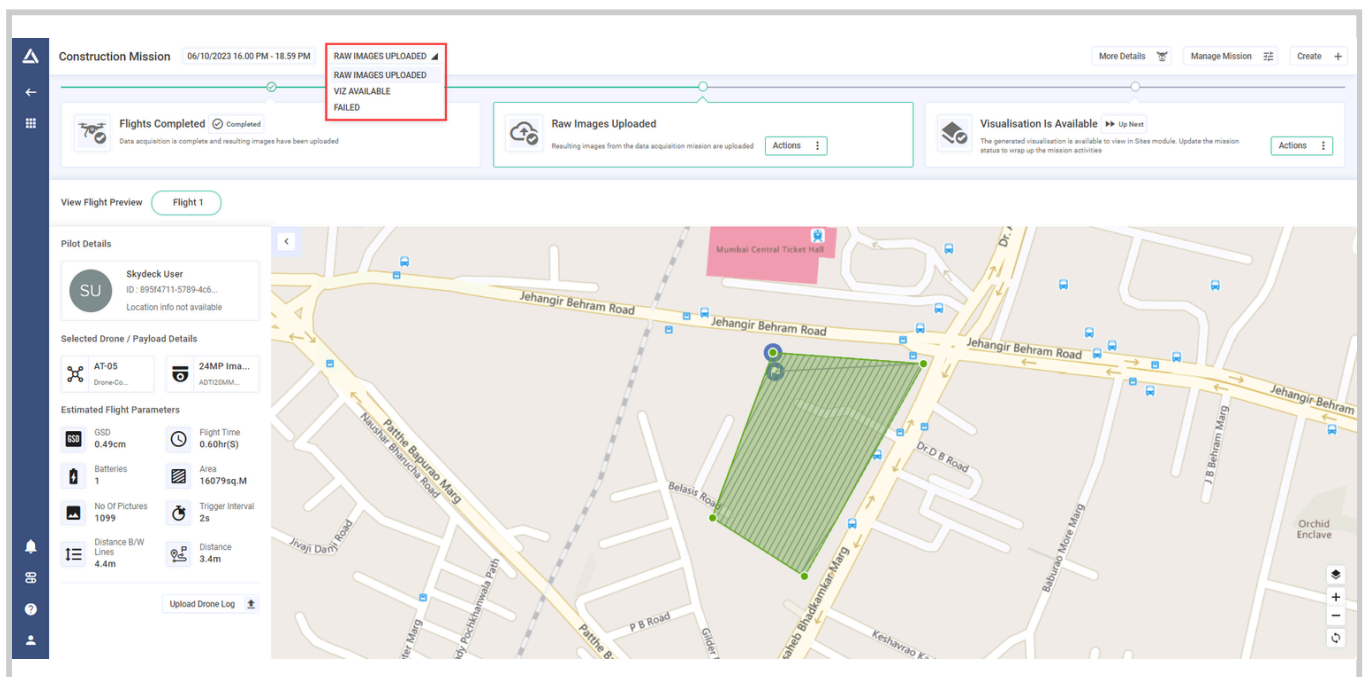
Mission in Flights Completed Stage

5. Once the captured data for every successful flight is uploaded to SkyDeck, the mission stage changes to **Raw Images Uploaded**. At this stage of the mission the following operations are available:

- **Download Raw Images**: You can download all the raw data that is captured and uploaded during the mission as a zip file.
- **View Uploaded Data**: You can view the uploaded data in the dataset section of the surveyed site.
- **Mark Mission As Failed**: You can mark the mission as failed if the data captured or uploaded does not meet the required standards.
- **Download Mission Logs**: You can download the captured drone logs for all the flights completed for the mission.

Mission in Raw Images Uploaded Stage

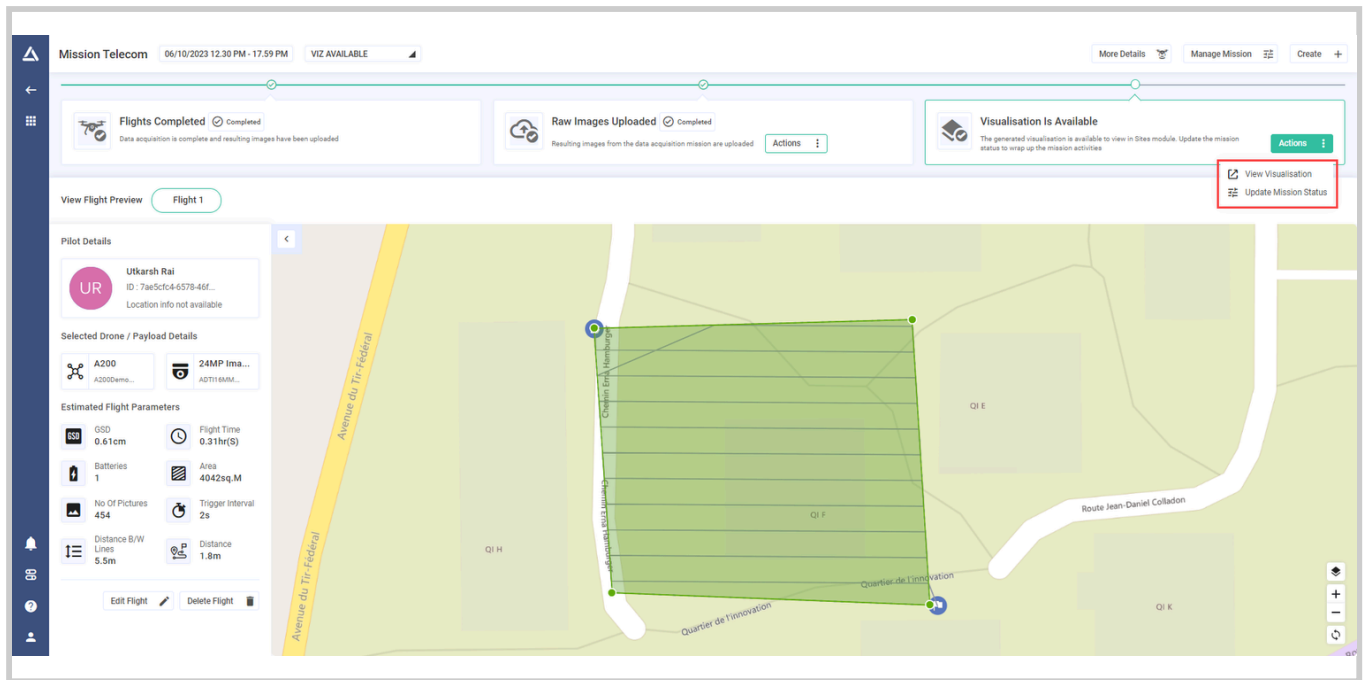This raw data can be used to generate different 2D models on SkyDeck. To know more, click **here**.

6. Once the required data is generated and visualized on the survey snapshot, the mission manager can update the stage of the mission to **VIZ AVAILABLE** or mark it as **FAILED** if the generated models do not meet the required standards.
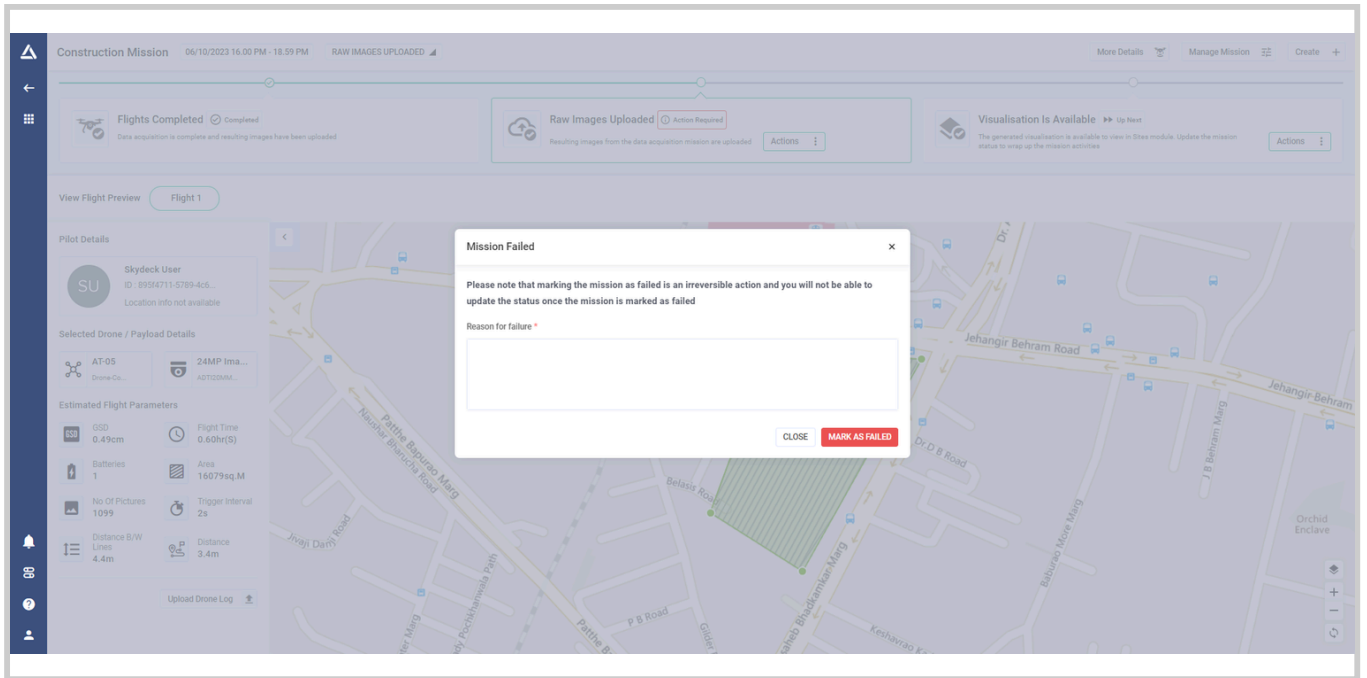

Mission Stage Selection

If the mission stage is marked as

- **VIZ AVAILABLE**, you can perform the following actions:
  - **View Visualisation**: You can view the visualized data on the site snapshot in the dataset section of the surveyed site.
  - **Update Mission Status**: Based on the visualized data and the mission objectives, the mission status can be updated as **Success** or as **Failed**.

Mission in the VIZ AVAILABLE Stage

- If you update the mission status as **FAILED**, in the displayed **Mission Failed** pop-up, enter the reason for failure and click **MARK AS FAILED**.

Mission - Marked as Failed