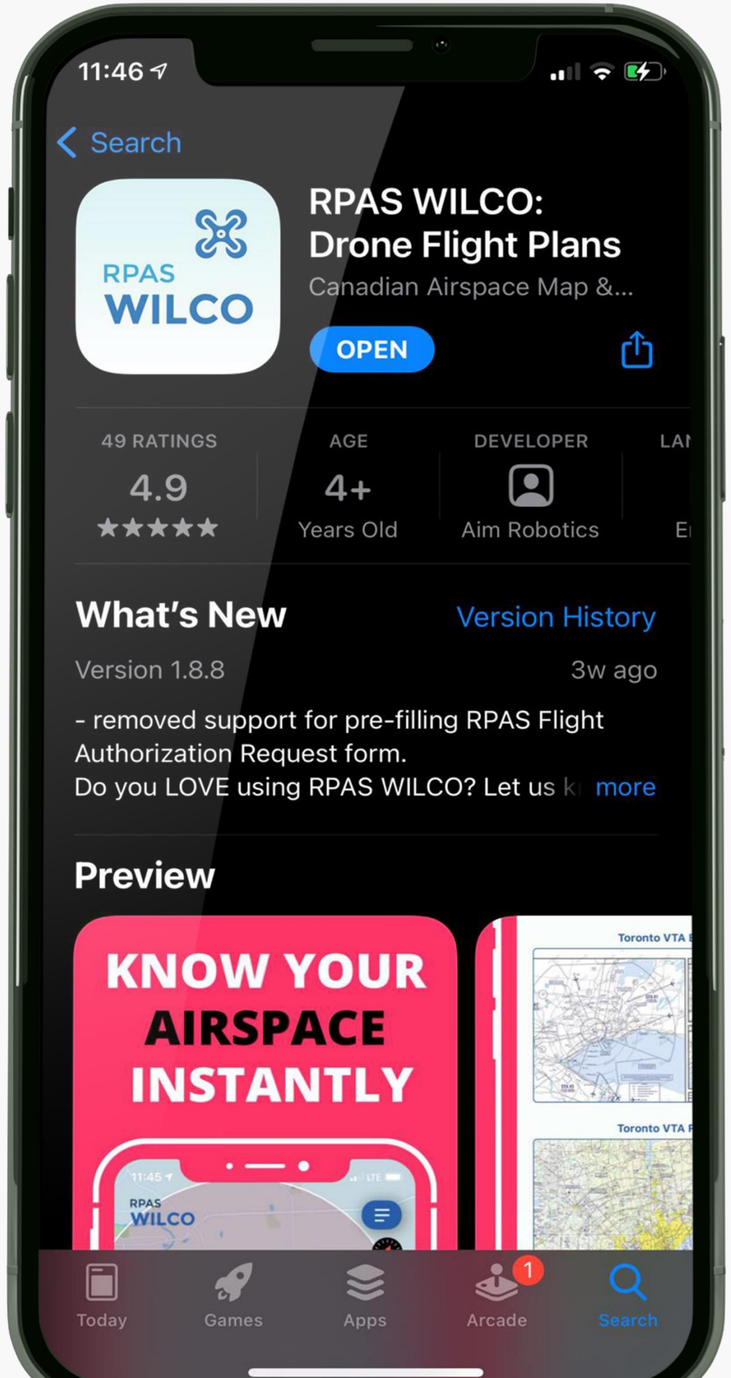
RPAS WILCO

by Artificial Intelligence Mastermind Robotics Inc.

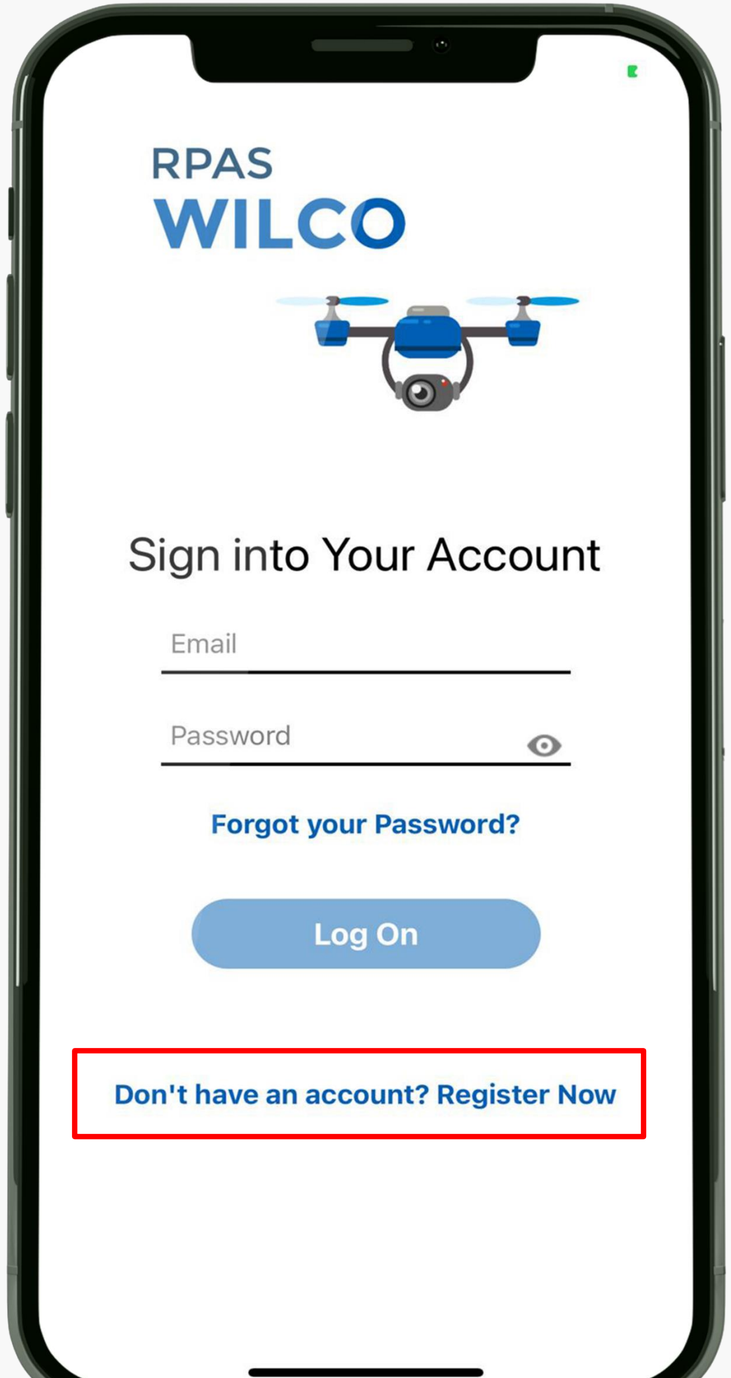
MAAC User Manual

Initial Set Up



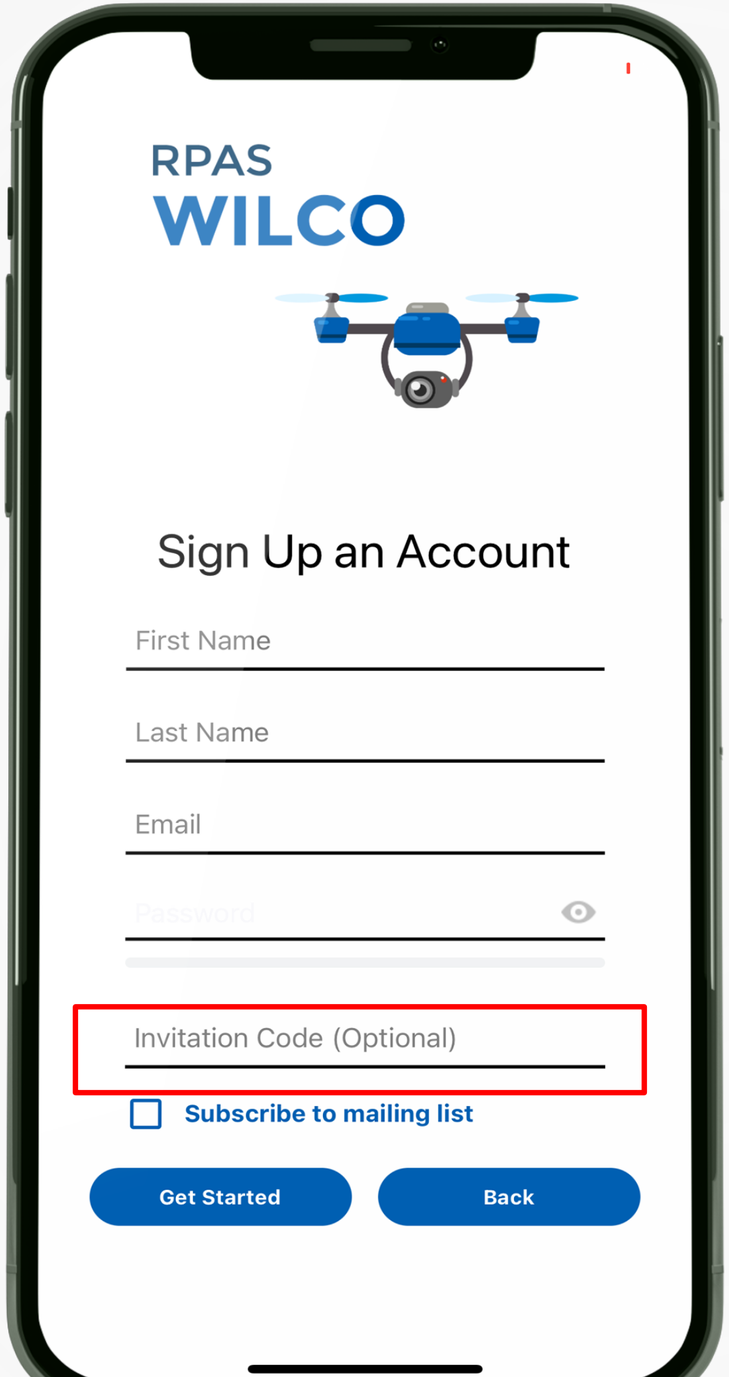
Step 1

- Go to Apple or Google app store
- Search for “RPAS WILCO”
- Install the mobile app



Step 2

- Open the mobile app
- Click “Register Now”



Step 3

- Fill out your information
- Click “Subscribe to mailing list” for any updates and promotions
- Type “maacpro” in the Invitation Code
- Click “Get Started” when you are ready to start

*If your email address is not registered in MAAC, the invitation code will not work

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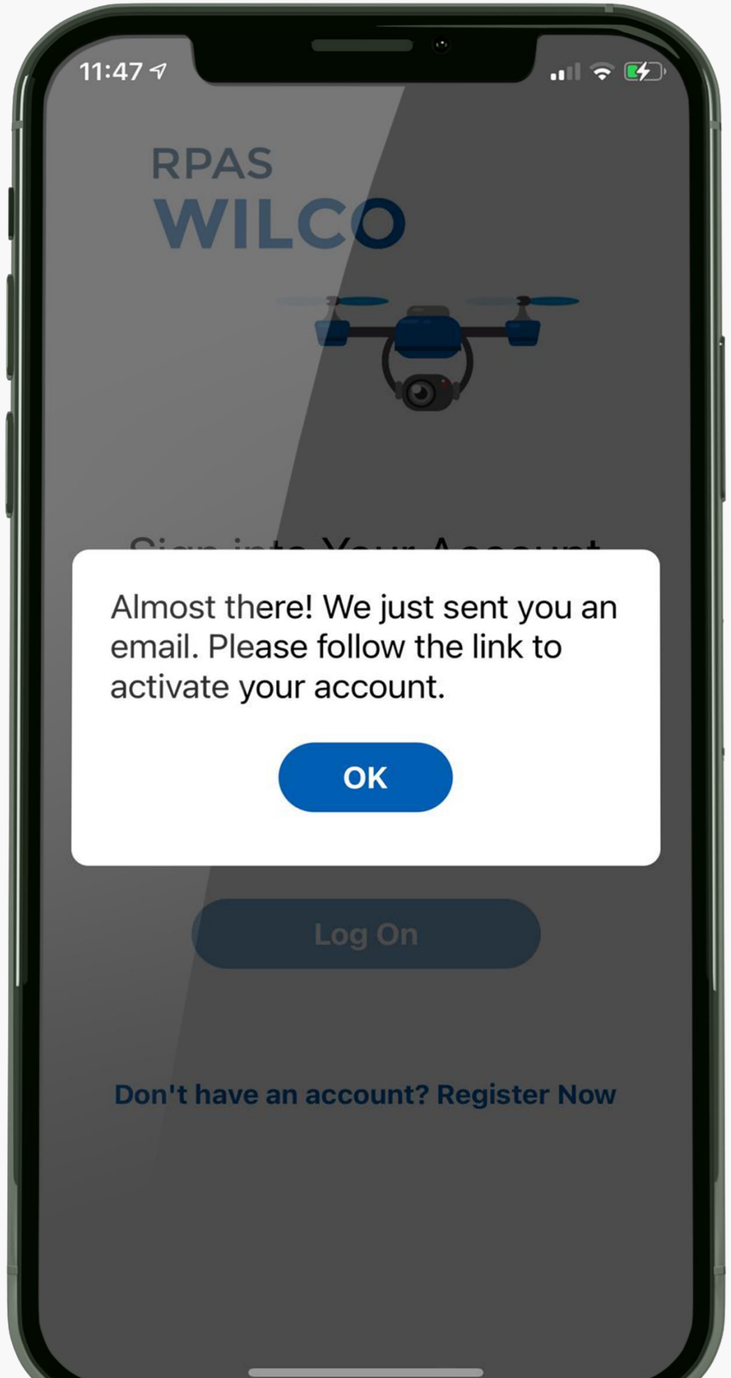

Step 4

- **Click “OK” to close the popup**
- **Please activate your account first in your email**
- **Then you can start login upon the successful activation**

Please check Spam/Social/Promo folder if you haven’t received “Activate Your Account” email from Support@aimrobotics.io

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User manuals are available at

docs.rpaswilco.com

MAAC User Profile Setup

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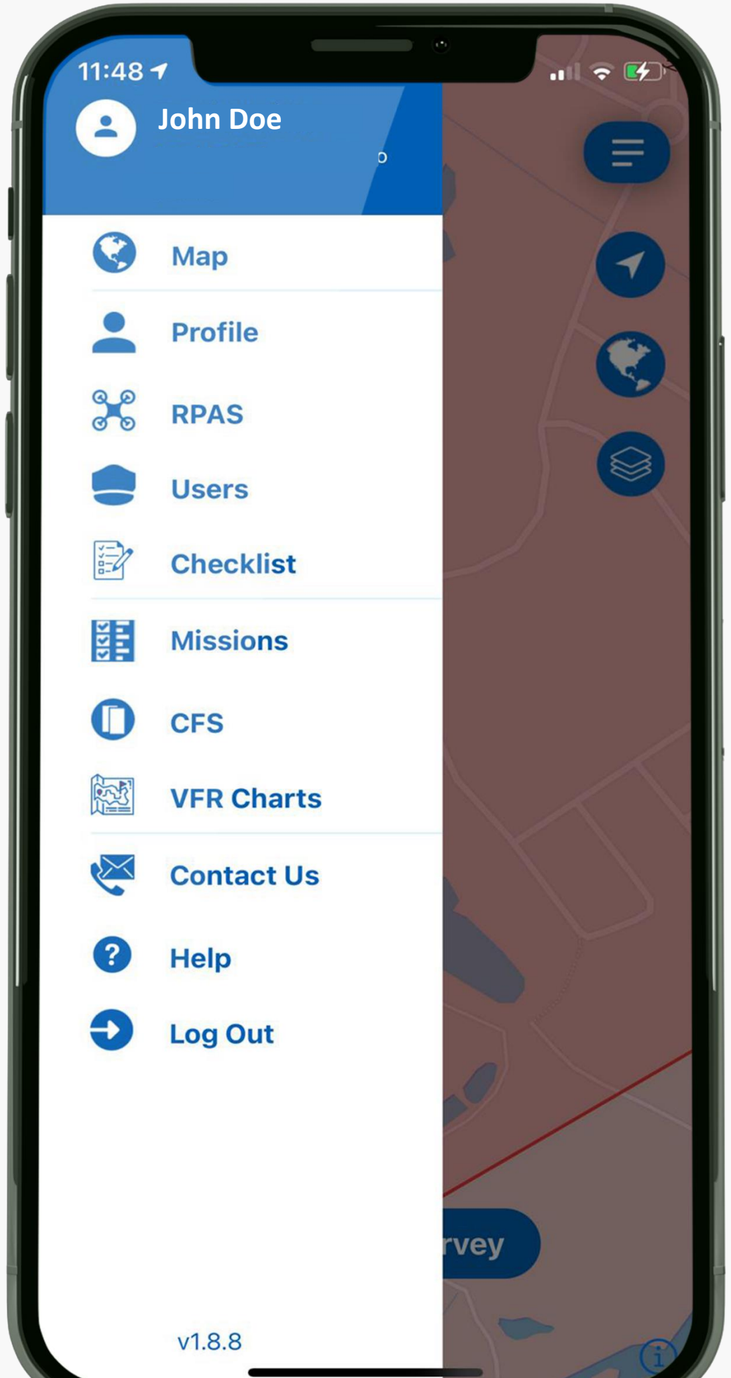
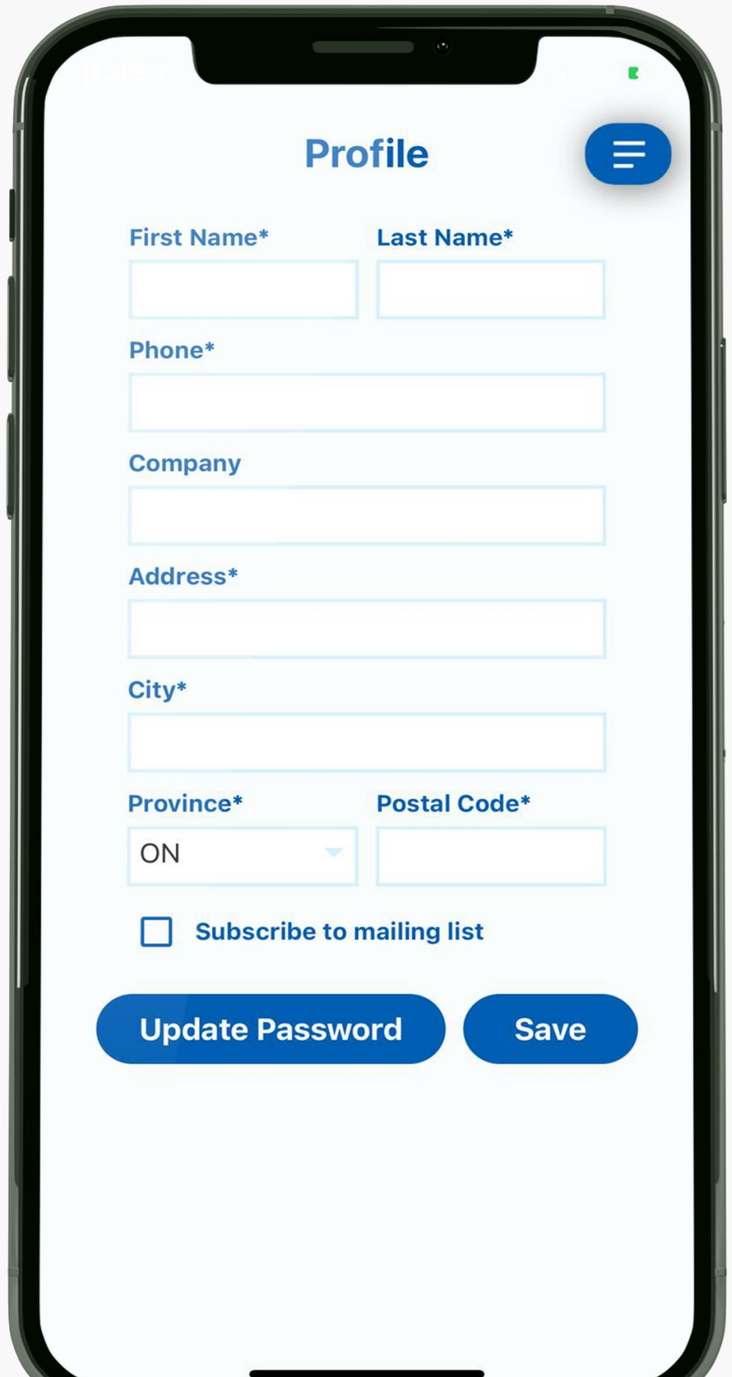


Step 1

- Click the menu button
- Menu appears on the left site
- Complete Profile, RPAS, and Users section first

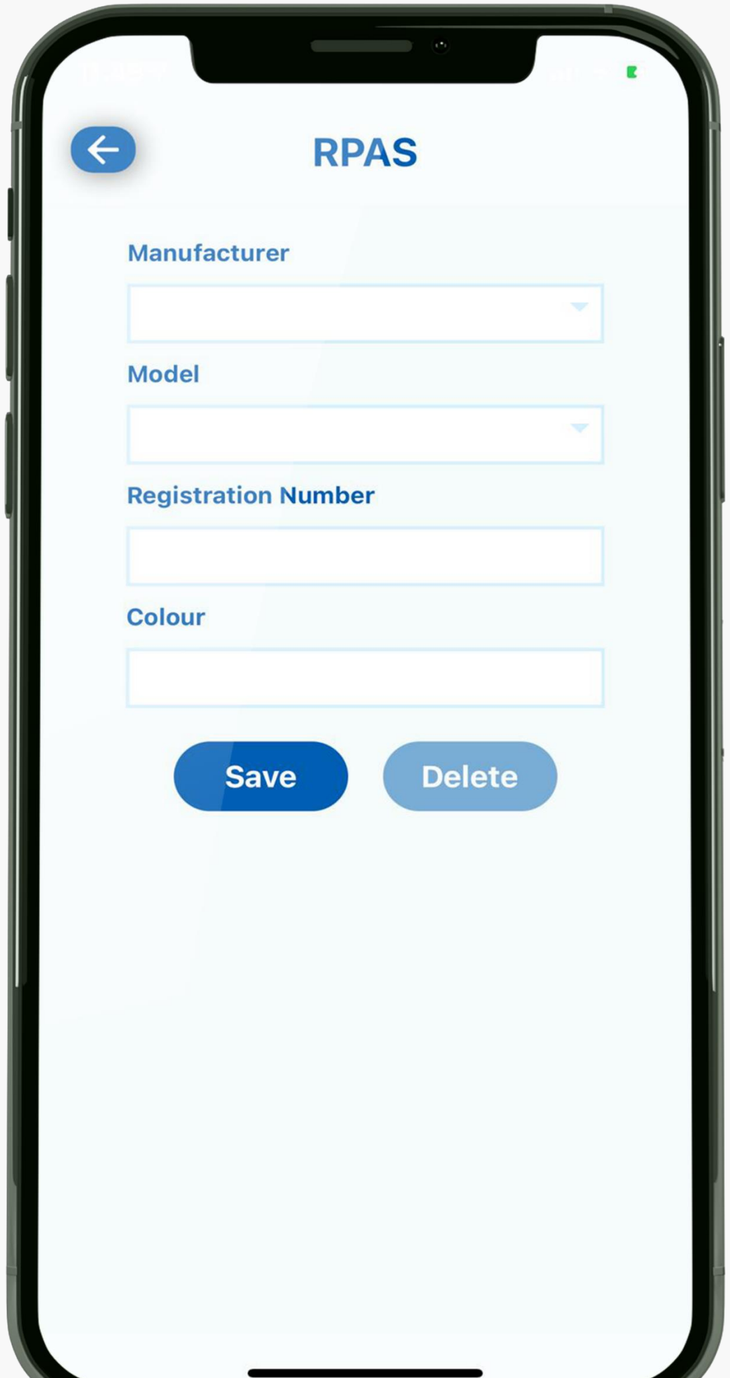
RPAS WILCO



Step 2

- Update your profile here
- You can also subscribe our email update in the Profile page
- Click Save when you are done

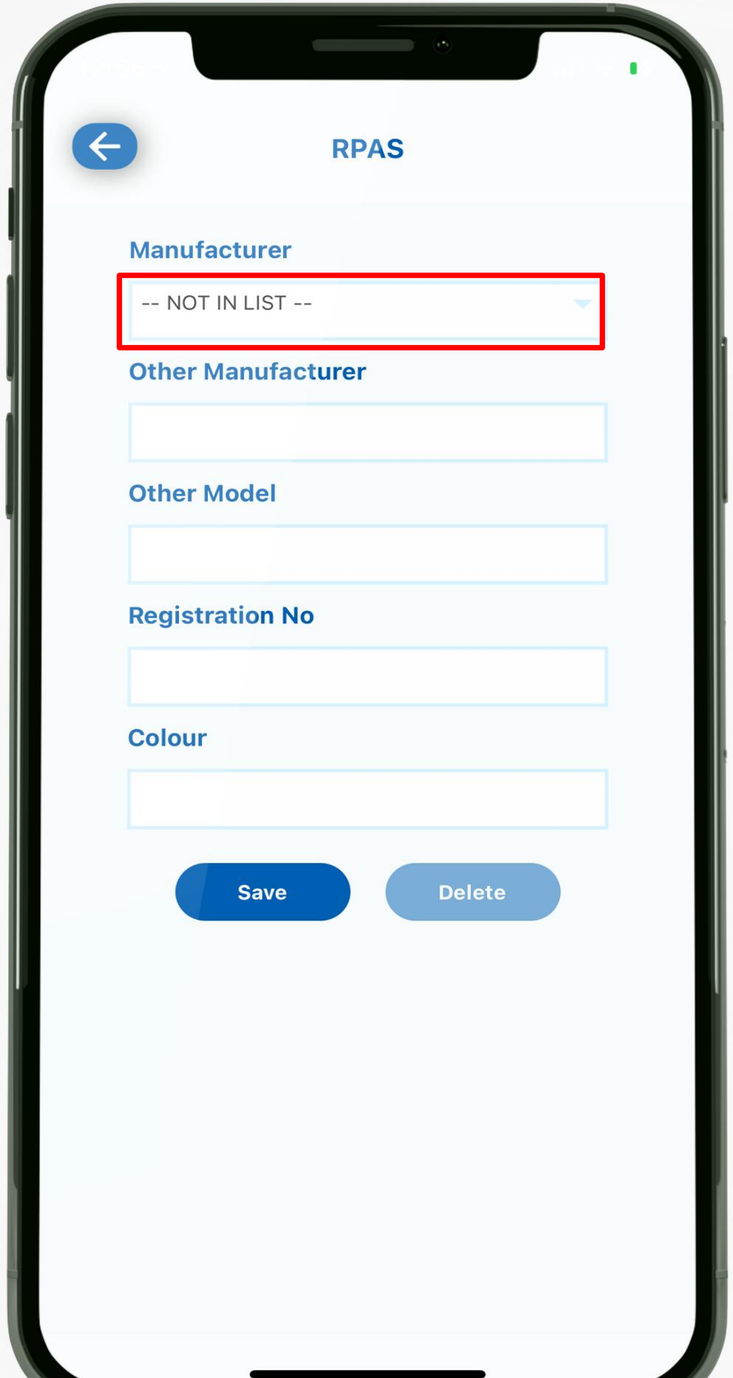
RPAS WILCO



Step 3

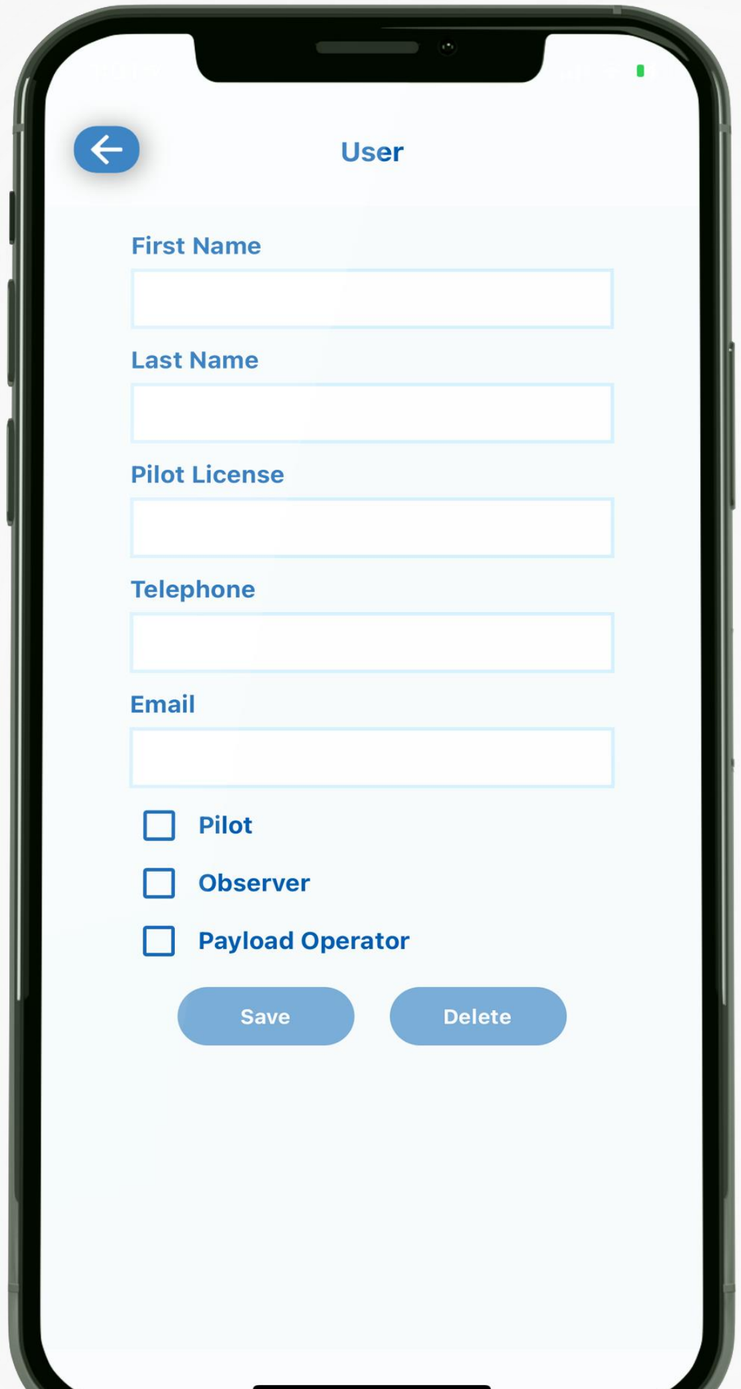
- Let’s add your aircraft info
- Click “Add” on the top left of the screen
- Select “Not In The List” from manufacture drop down menu

RPAS WILCO



Step 3

- Now you can type your aircraft info in each field
- Click “Save” when you are done



Step 4

- Click “Add” to update pilot info
- Fill out each field accurately
- Use the same email address as your ID for login
- Please ensure to select “Pilot” as your role at the minimum.

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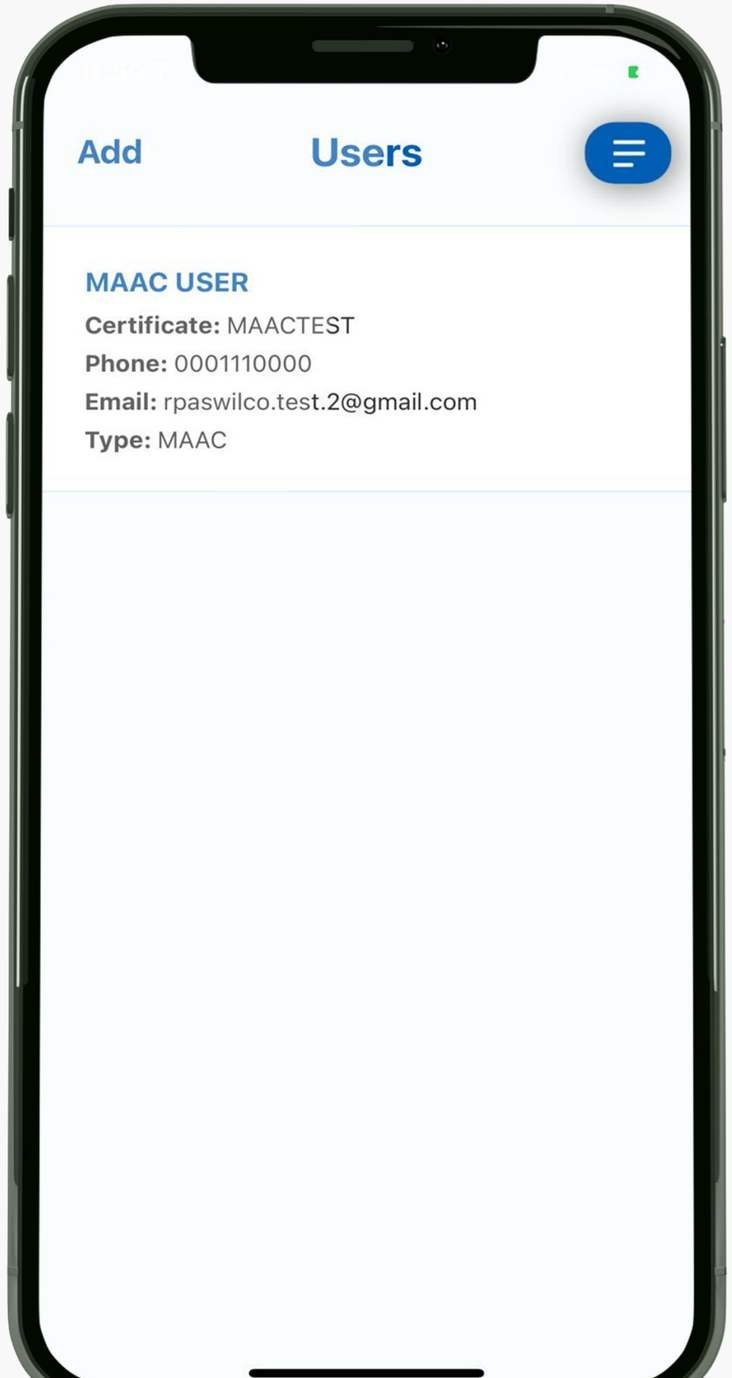
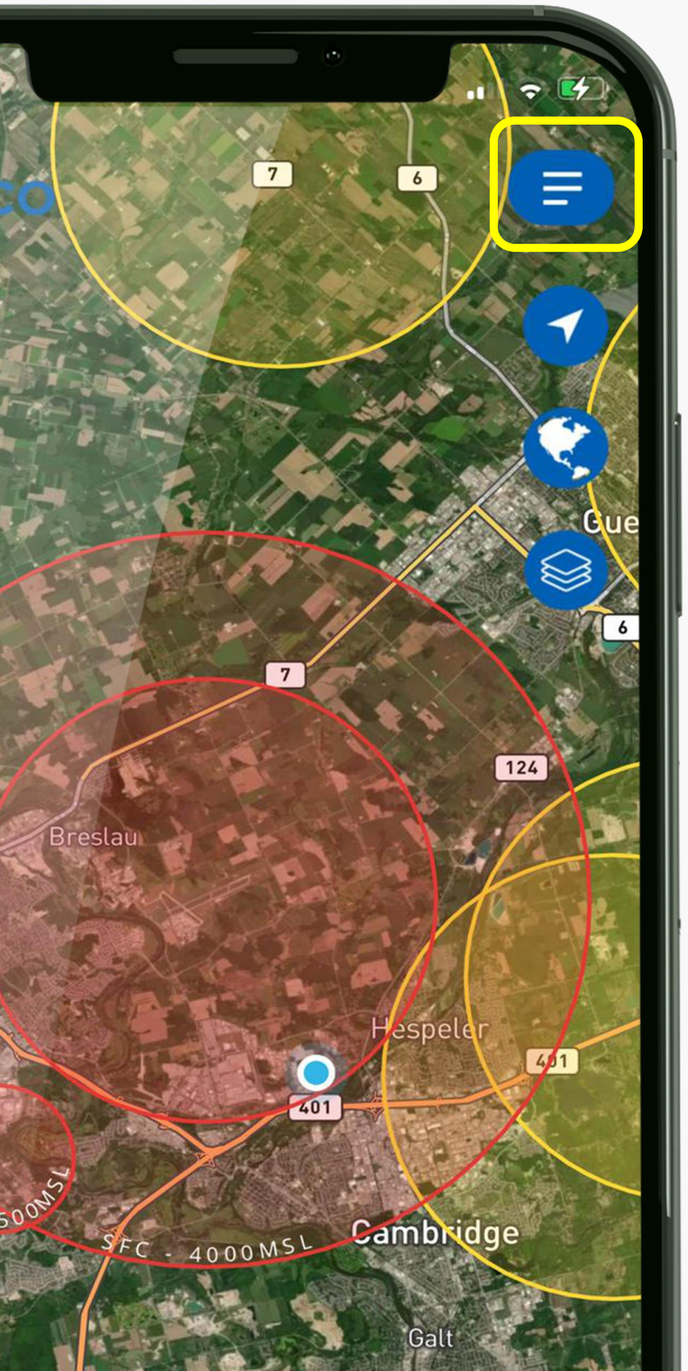


Step 4

- **Now your pilot profile is ready as well as the aircraft info**
- **You are all set to create a site survey for your flight**

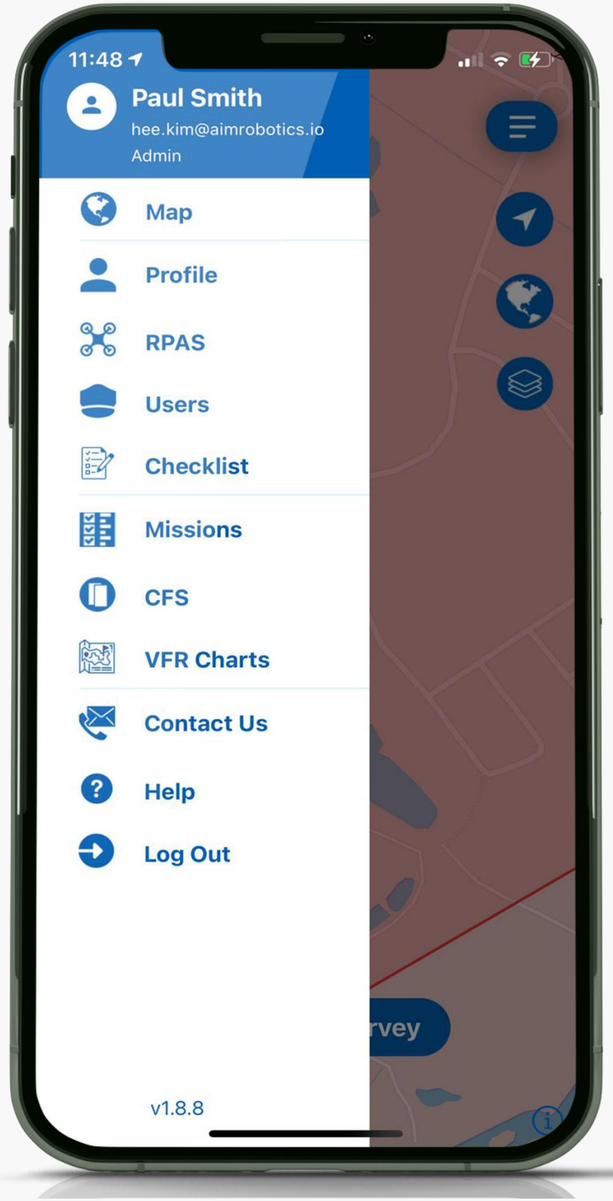
Now you can go back to the map view to create site surveys

RPAS WILCO Menu

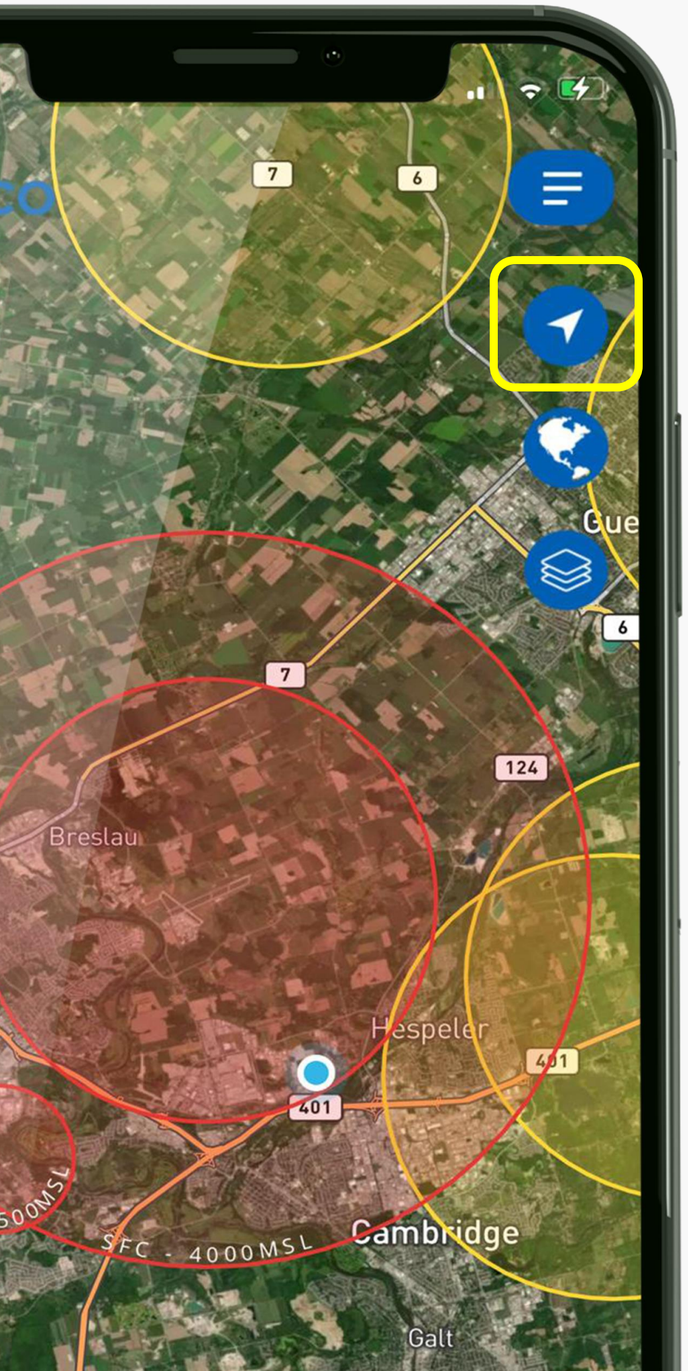


Menu

Access your Settings, Site Surveys, CFS, and VFR Charts



RPAS WILCO



Current Location

This icon takes you back to your current location at anytime.

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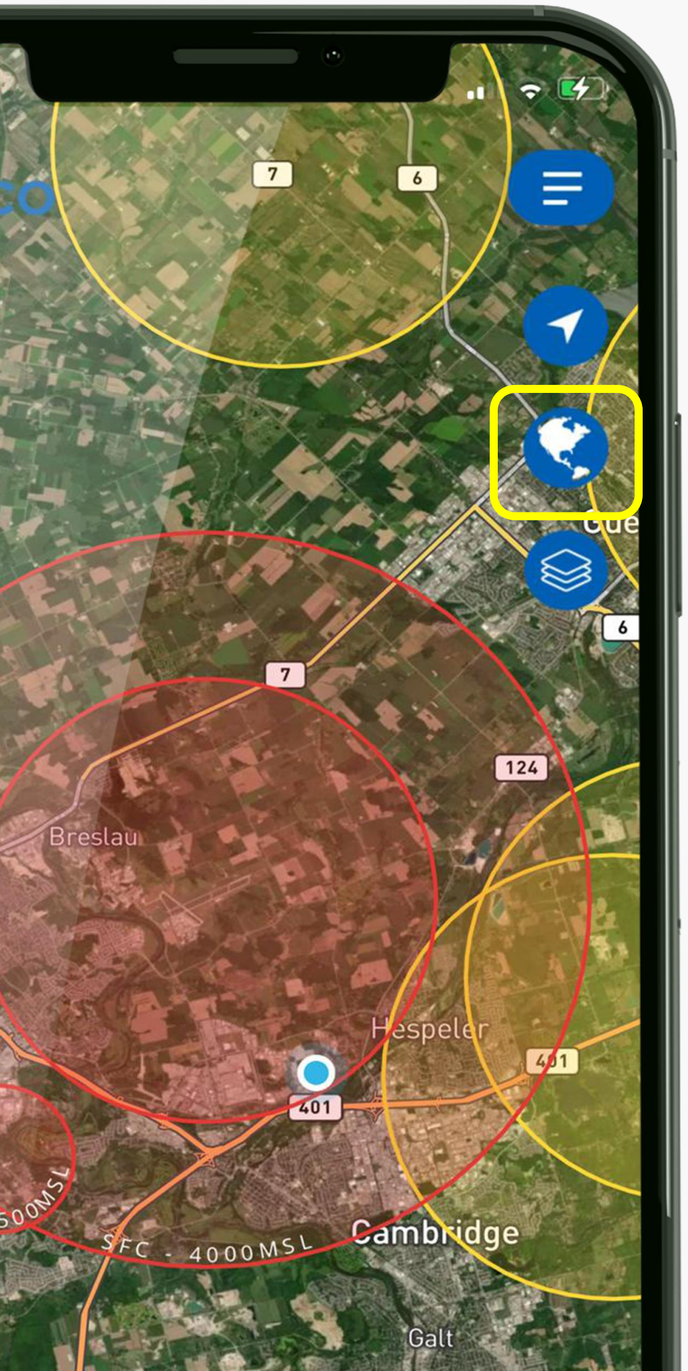
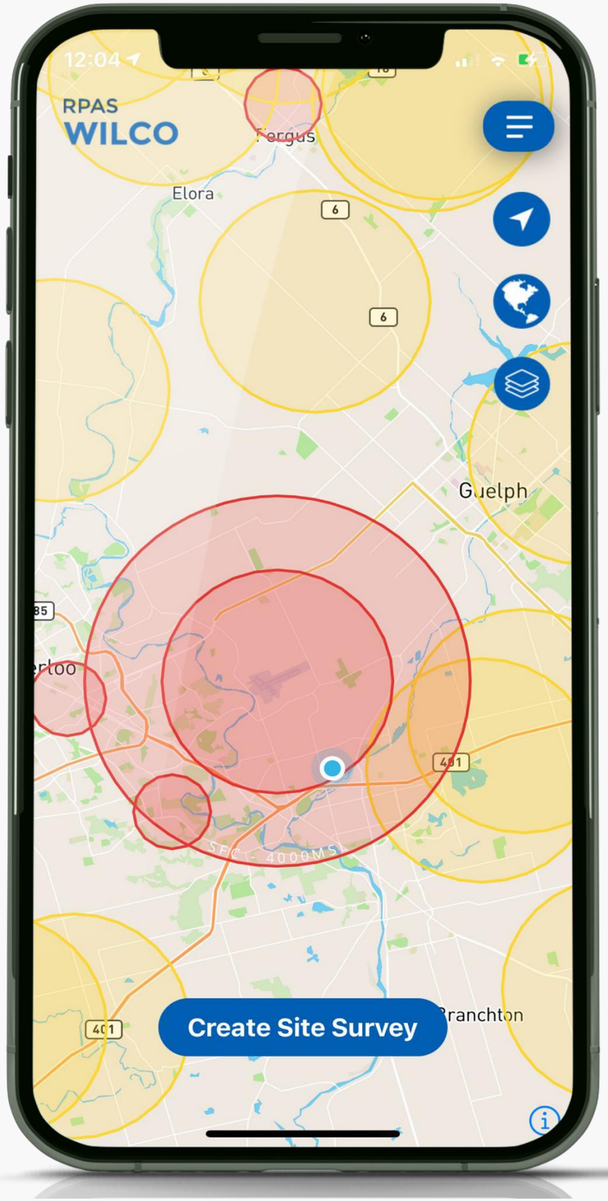
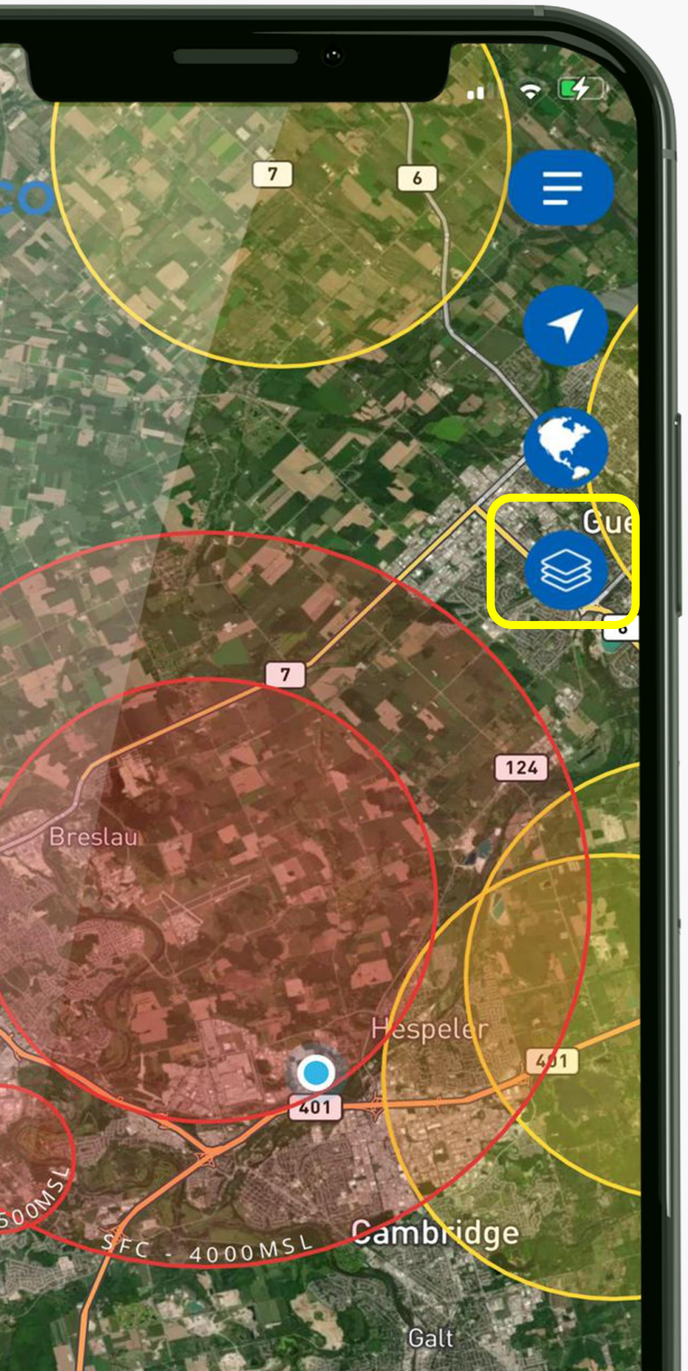


Map Style

Choose between street, satellite, light and dark map style

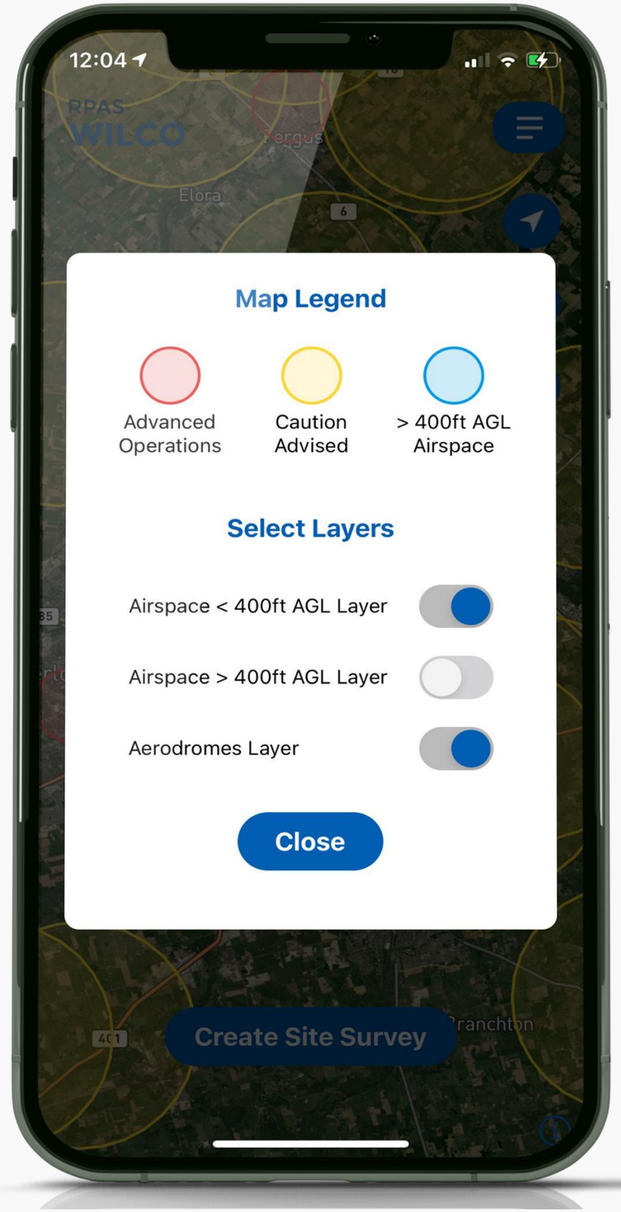


RPAS WILCO

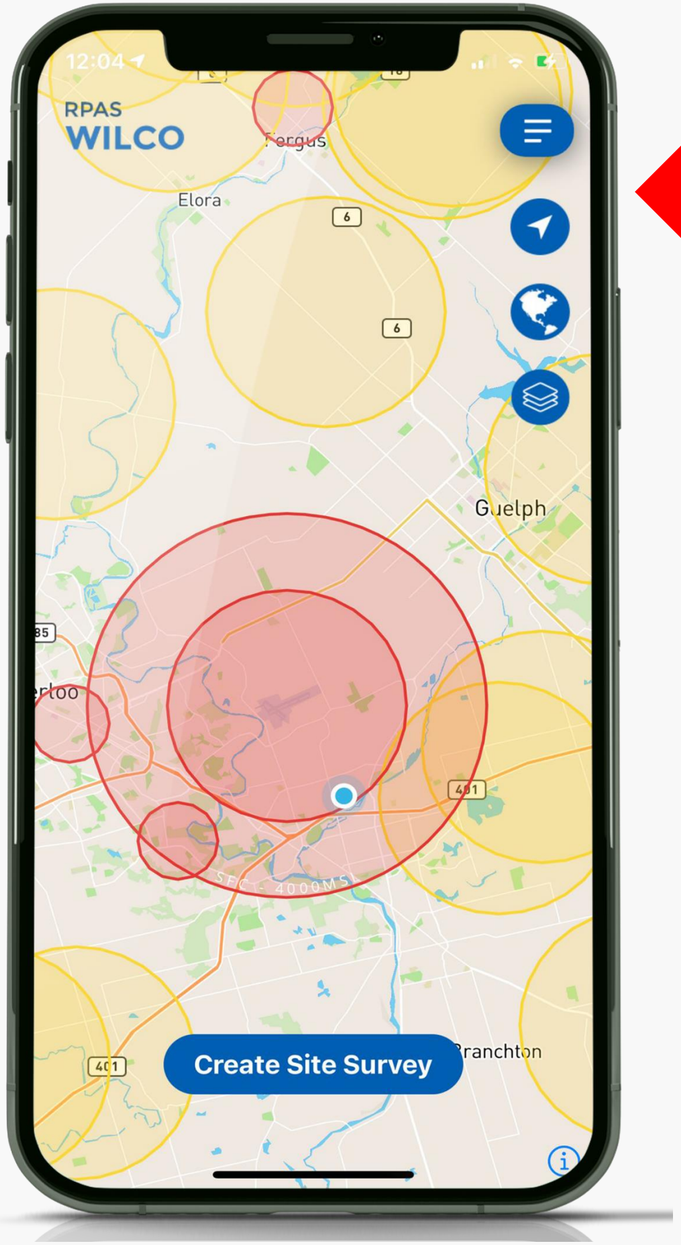


Map Setting

Select which airspace to view based on altitude and toggle aerodromes on/off.

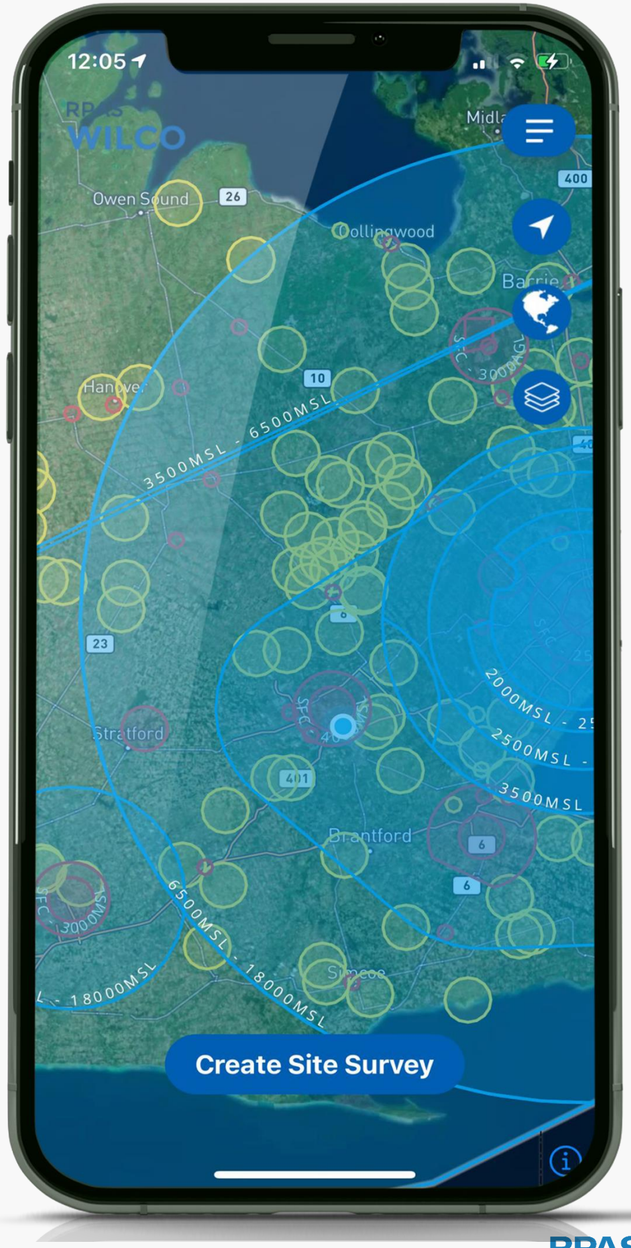


RPAS WILCO

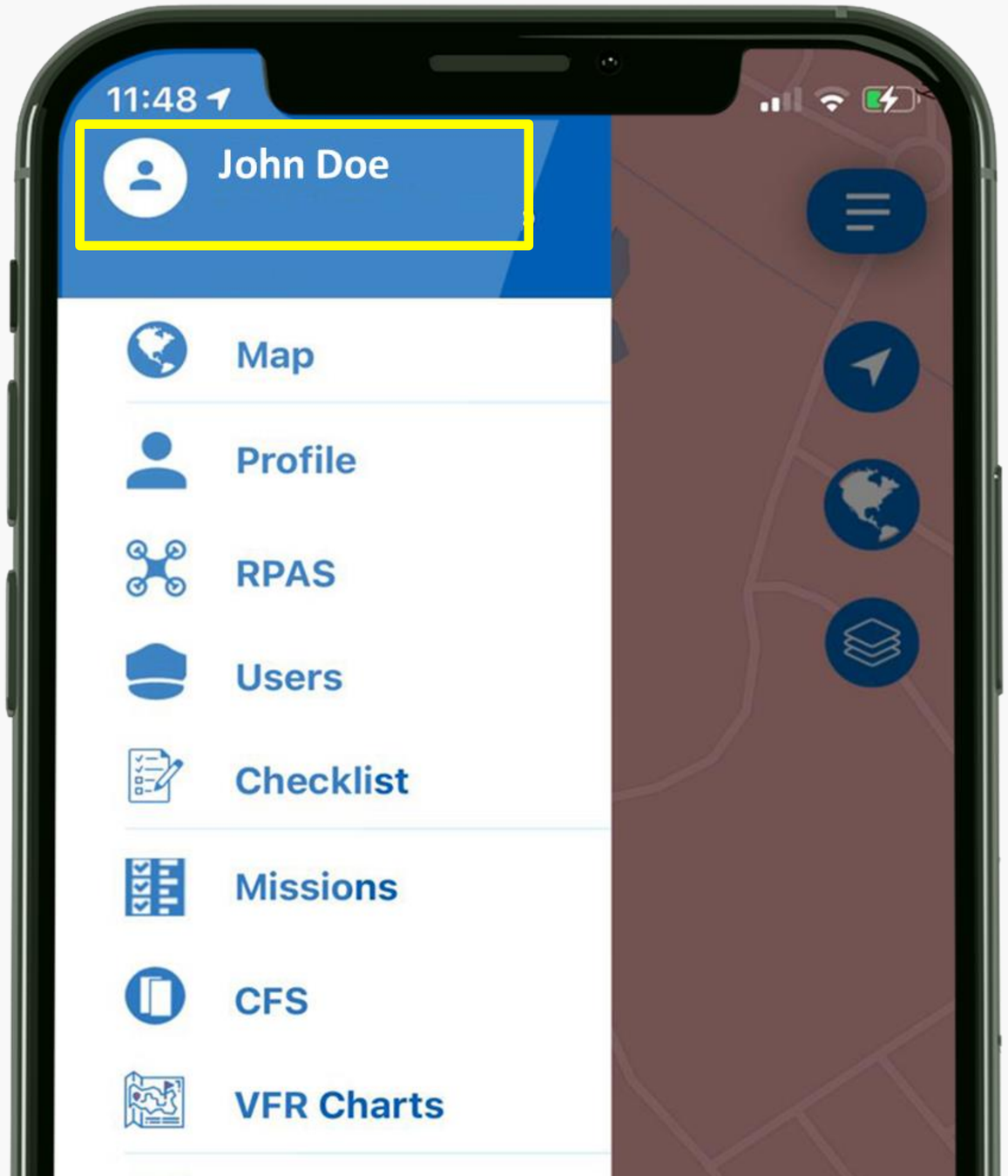


Airspace
below 400ft
AGL Layer

Airspace
above 400ft
AGL Layer



RPAS WILCO



Profile

This is the name that you used for your profile.

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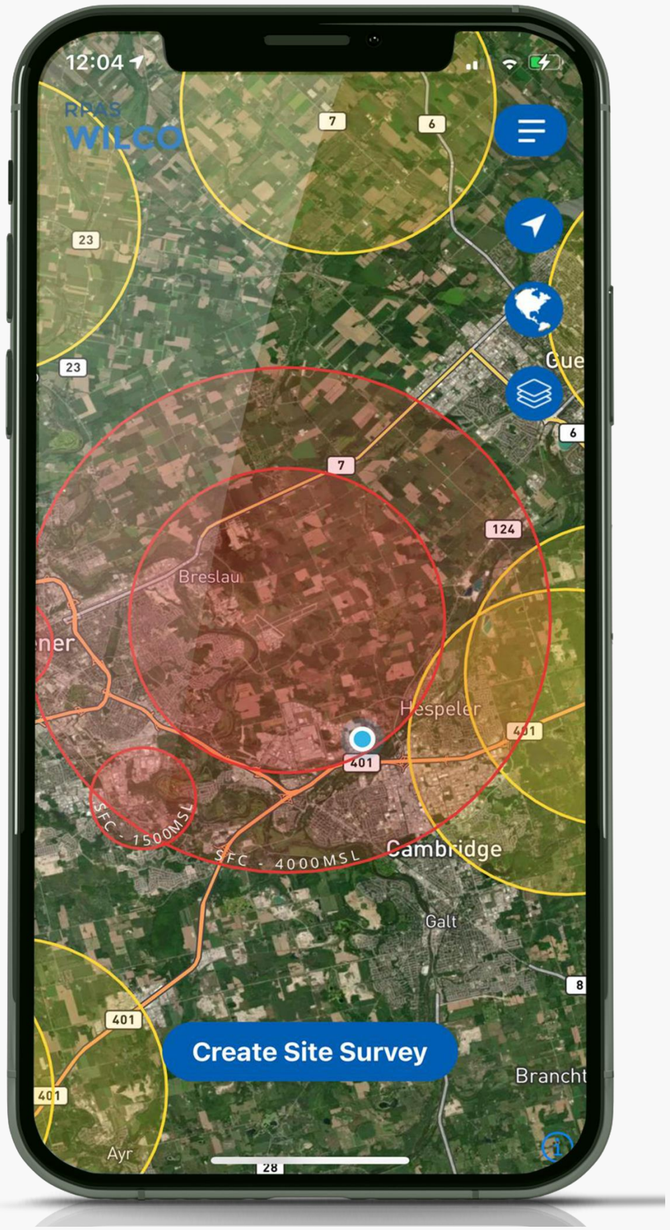
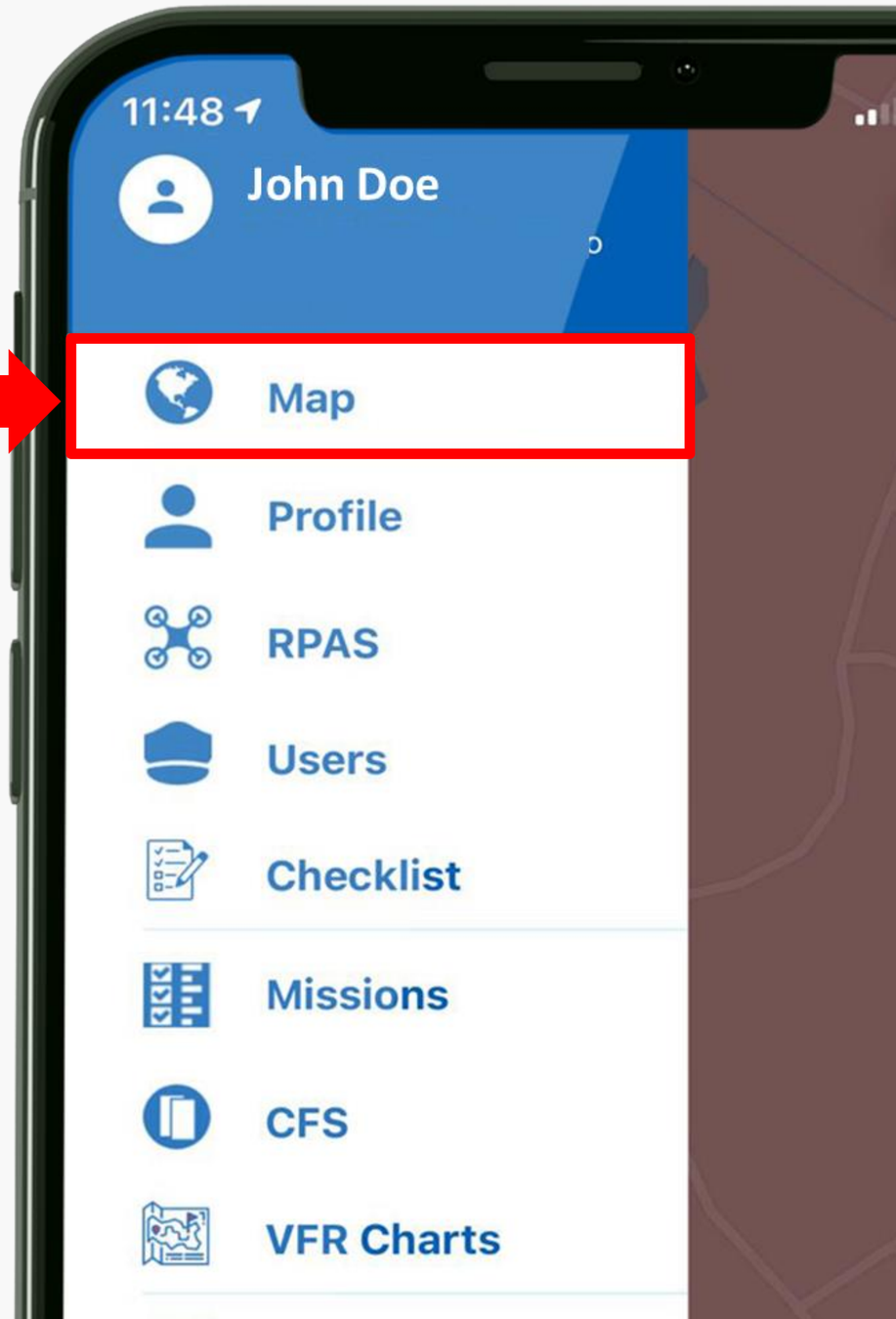
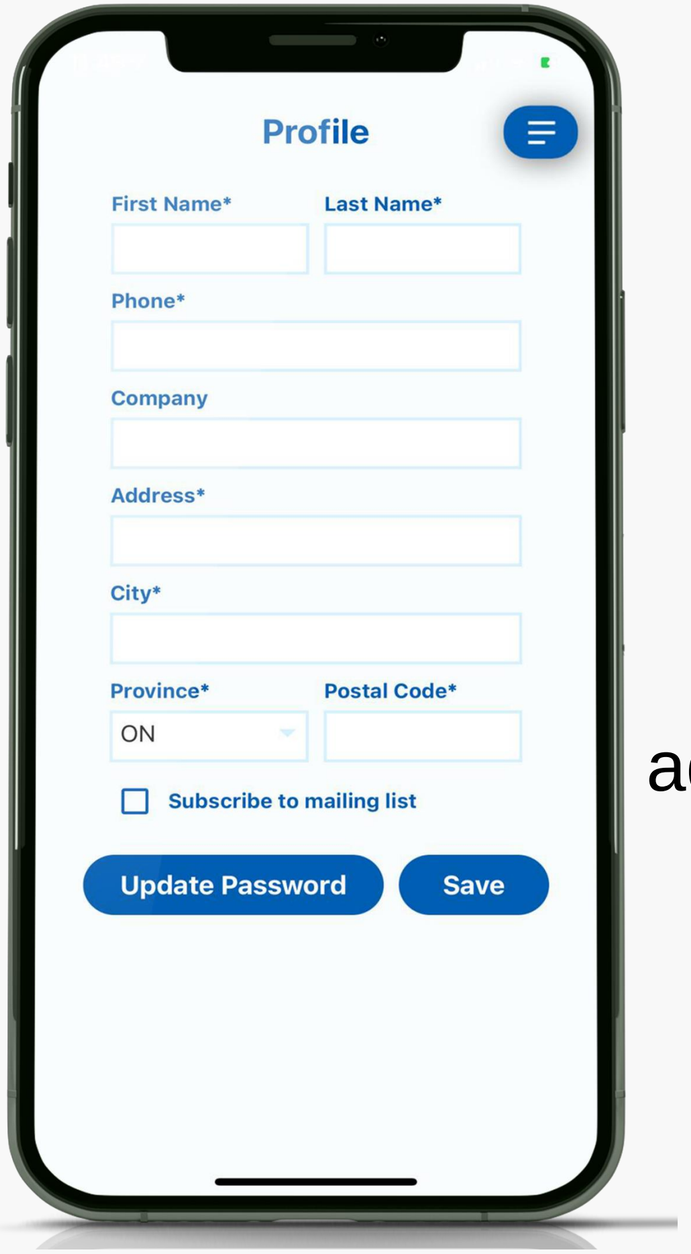


Map

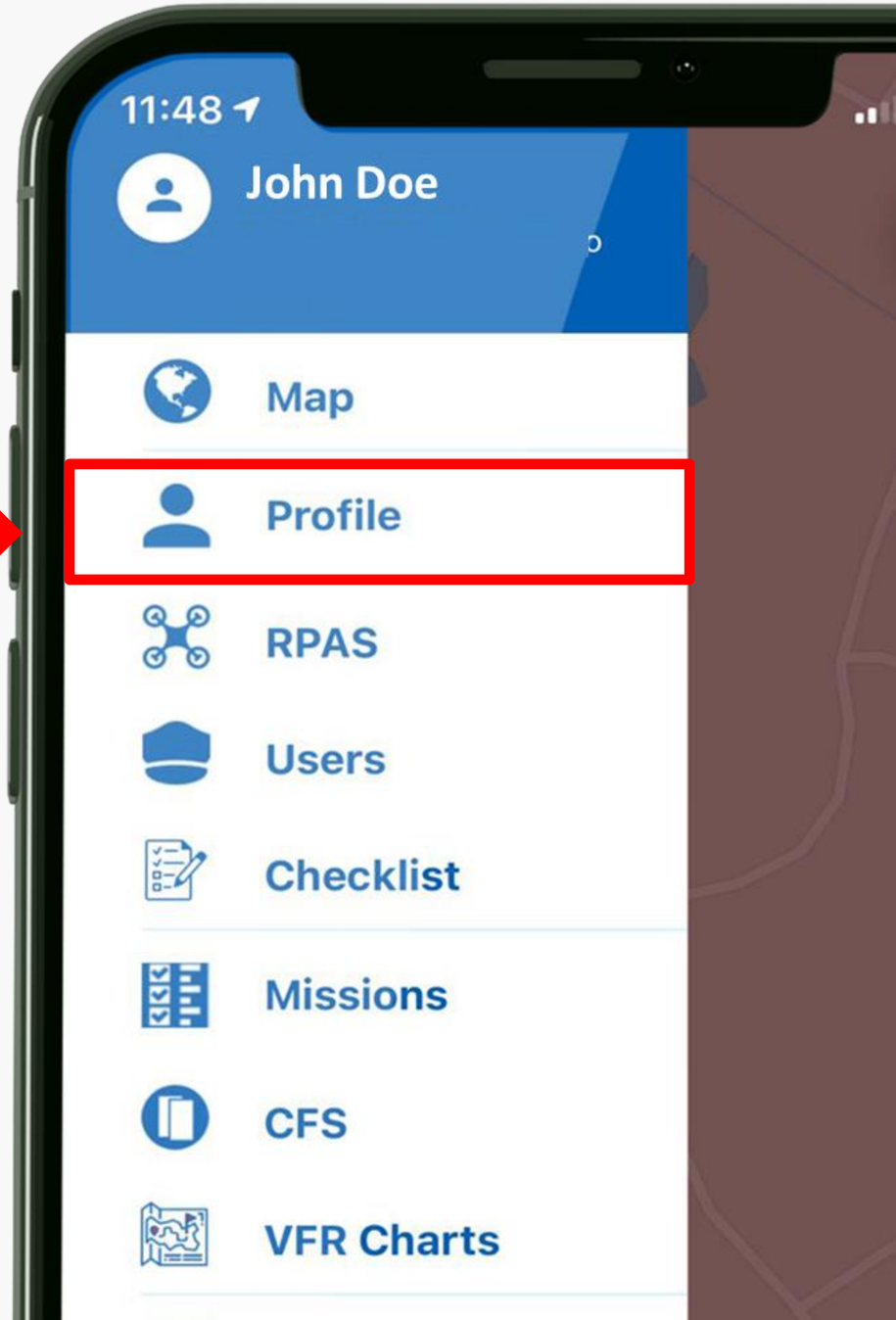
This will take you back to the map.

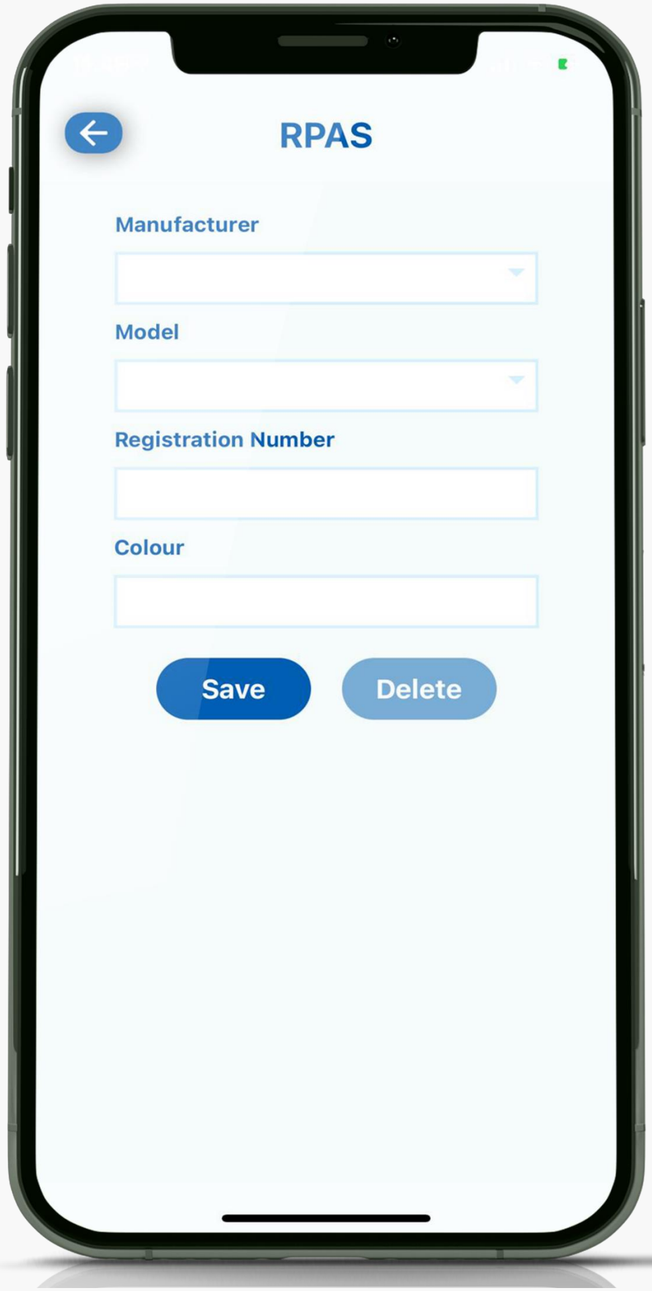




Profile

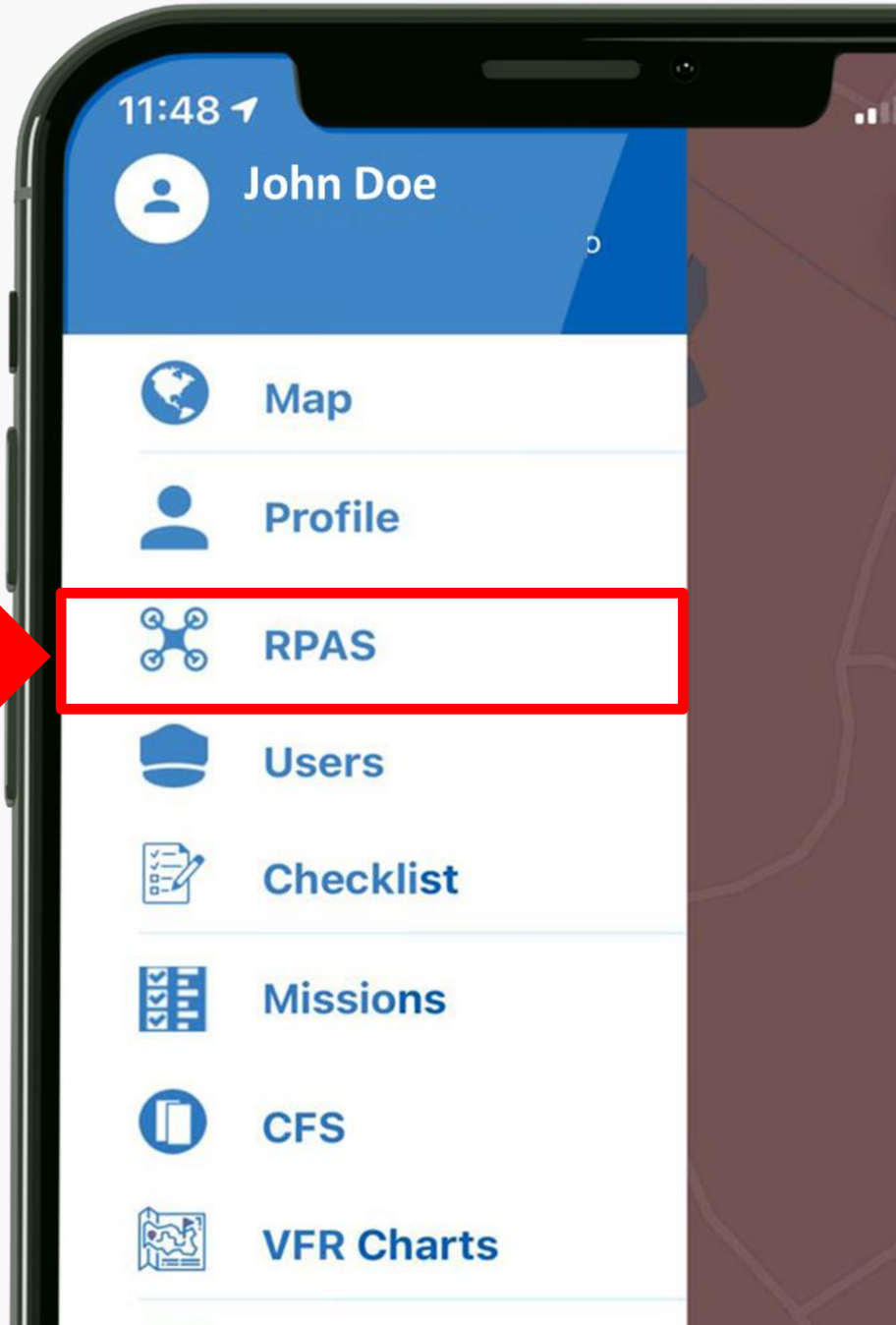
Change your name, address, or password.

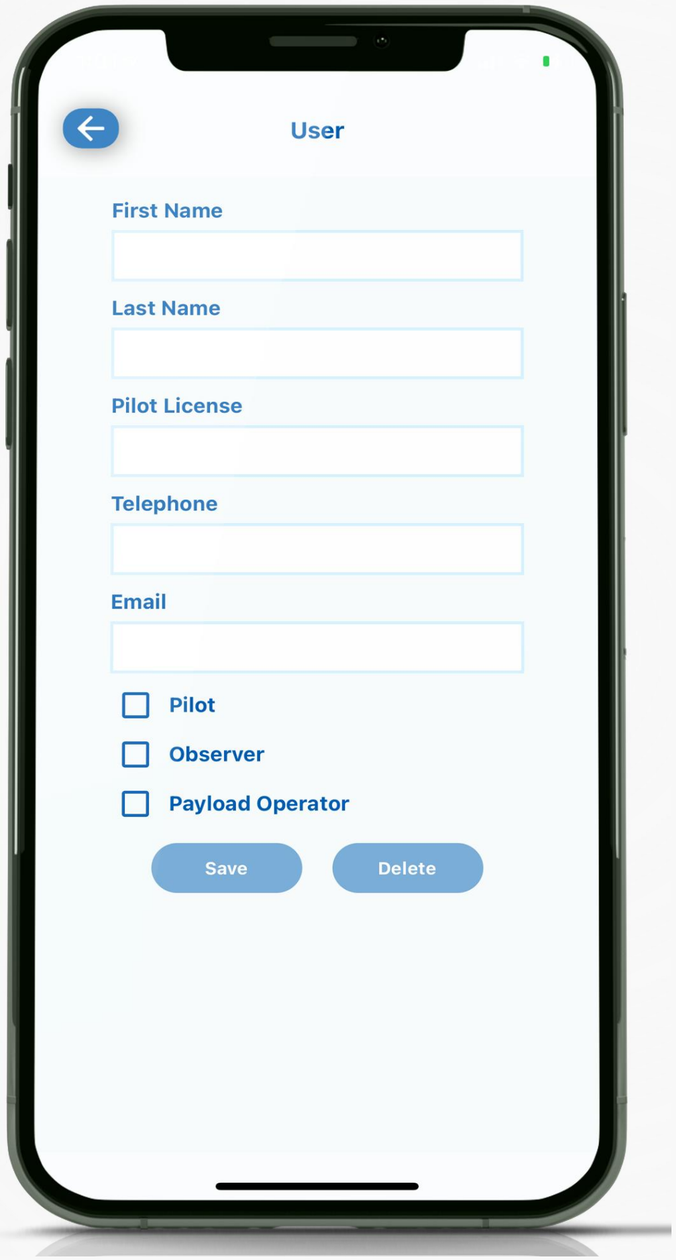




RPAS

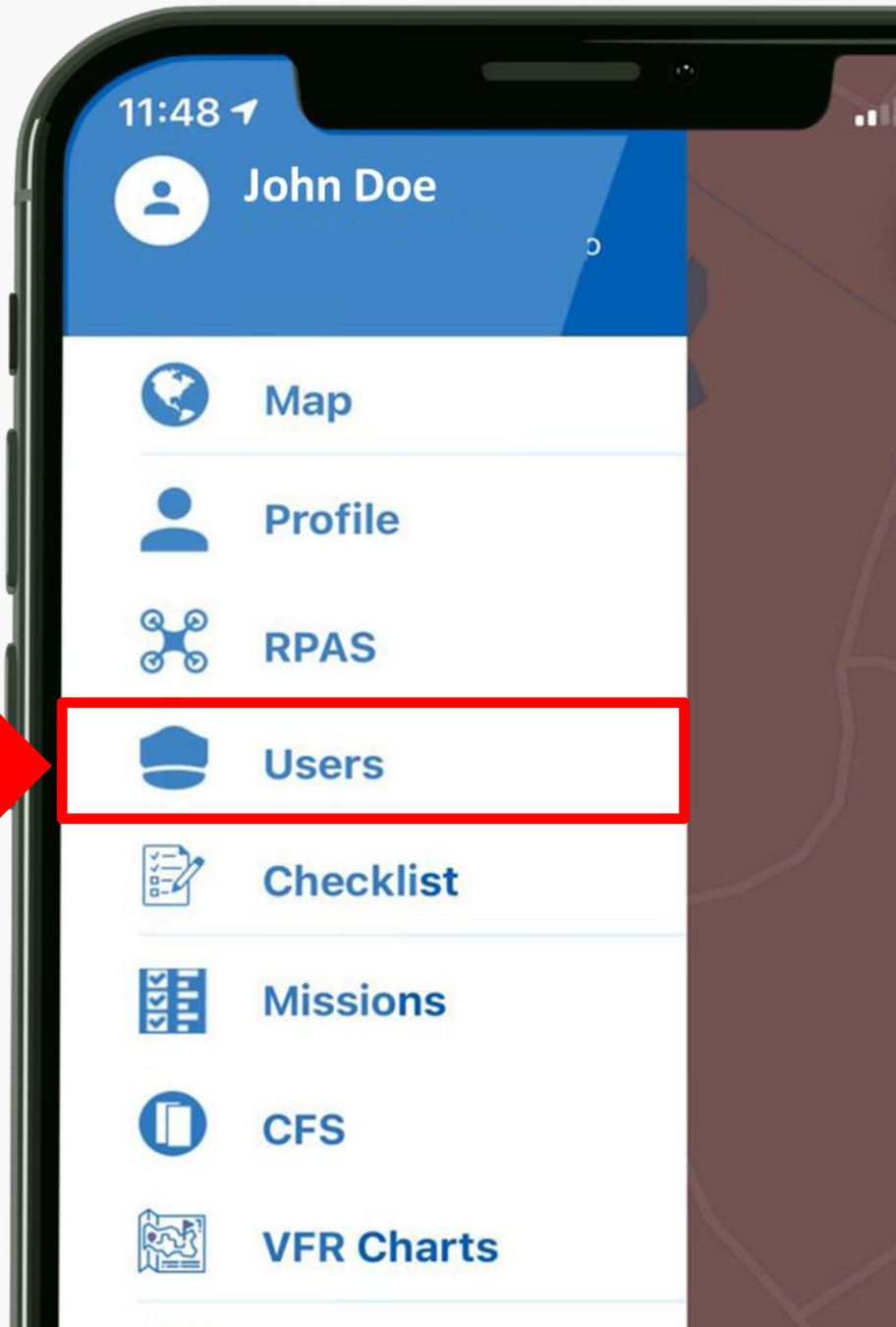
Add & Edit your aircraft.

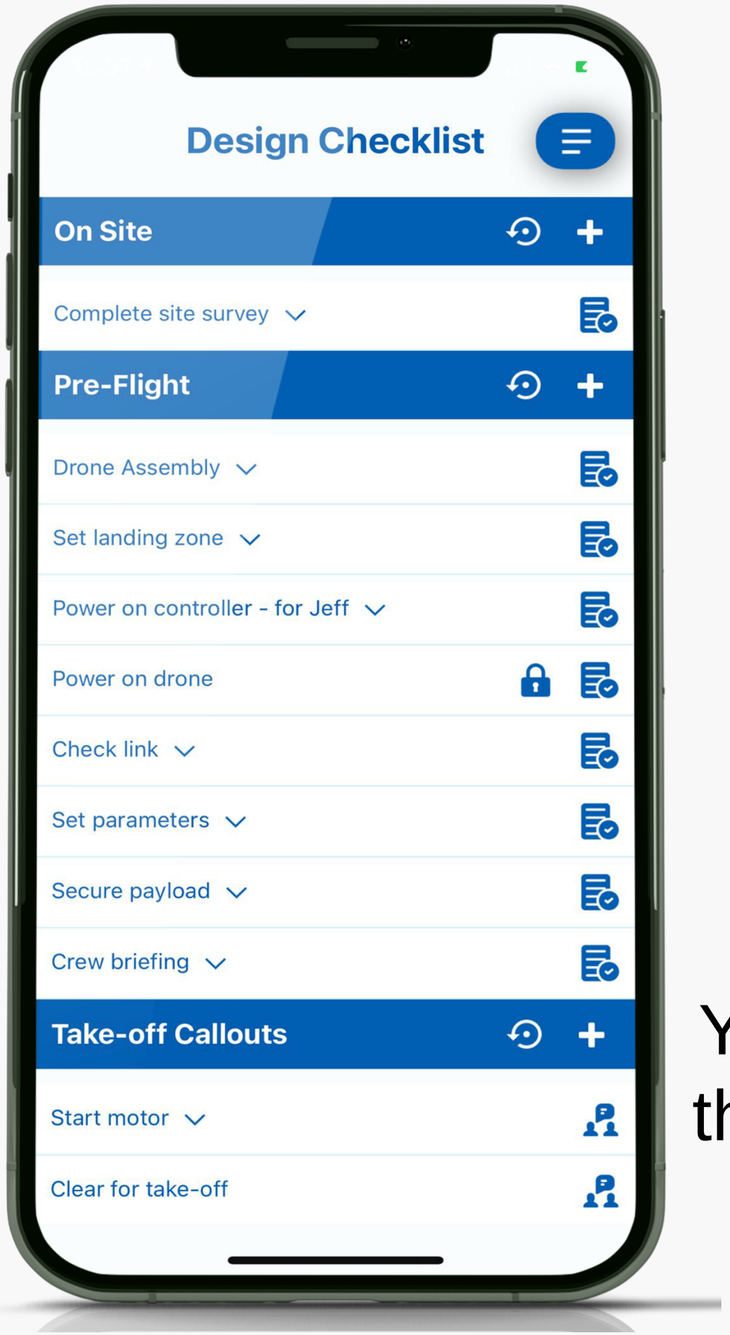




Users

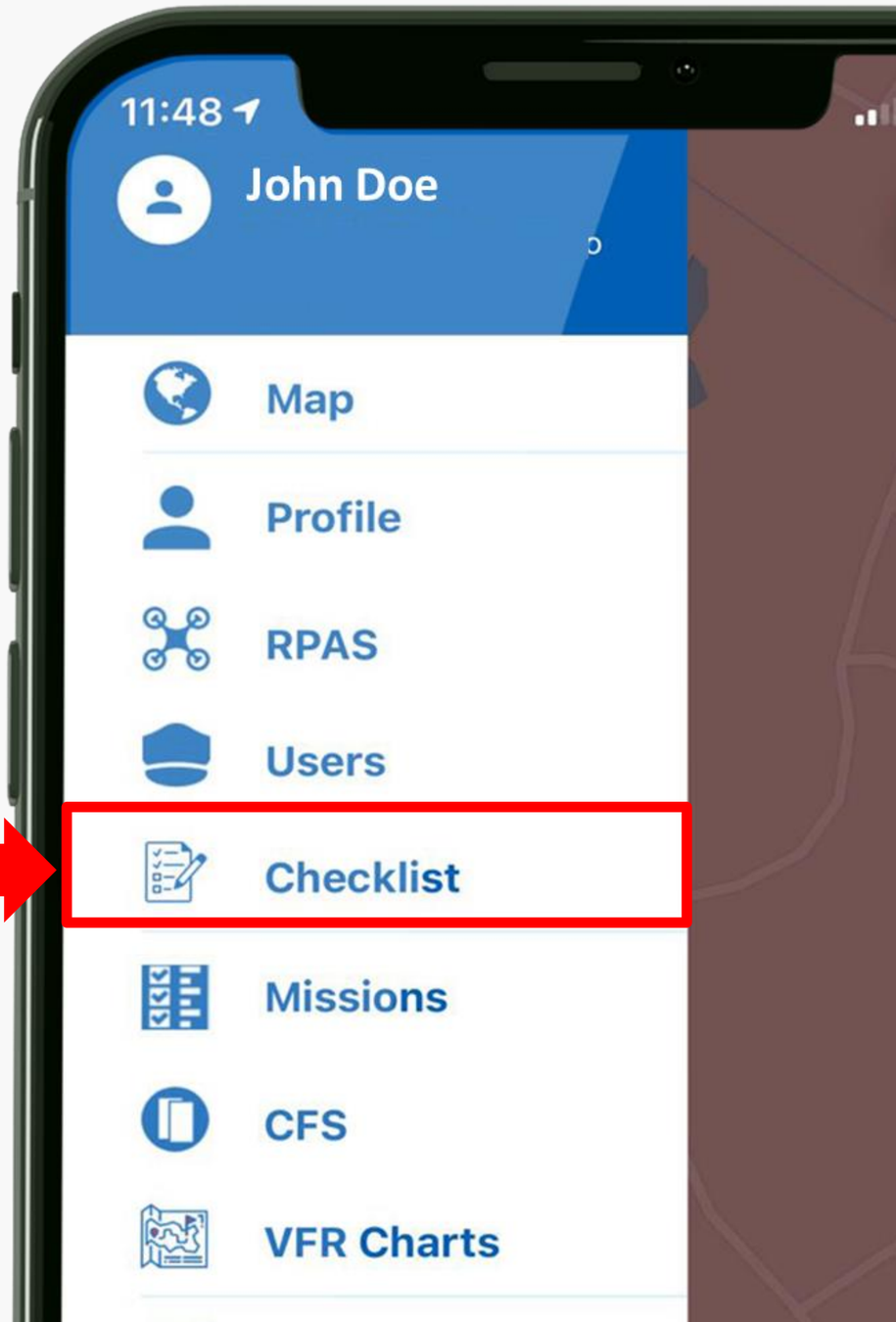
Set up your pilot details. You can also add observers and payload operators.

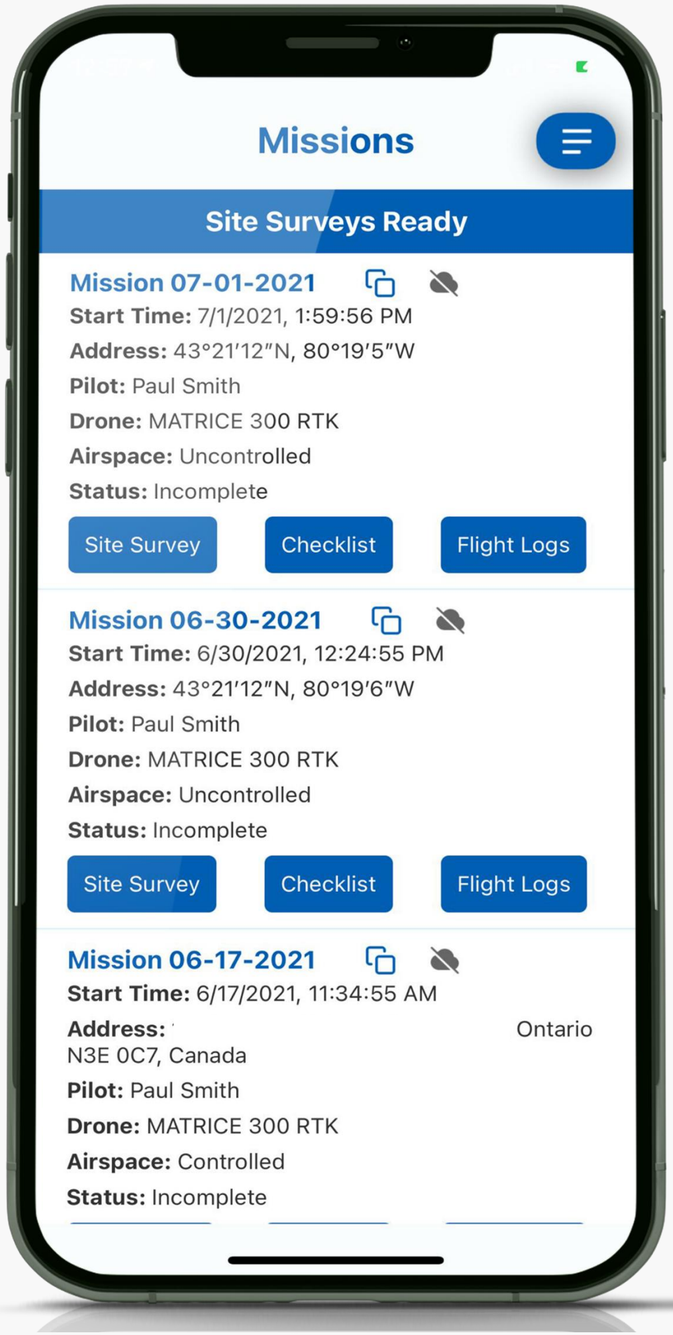




Checklist

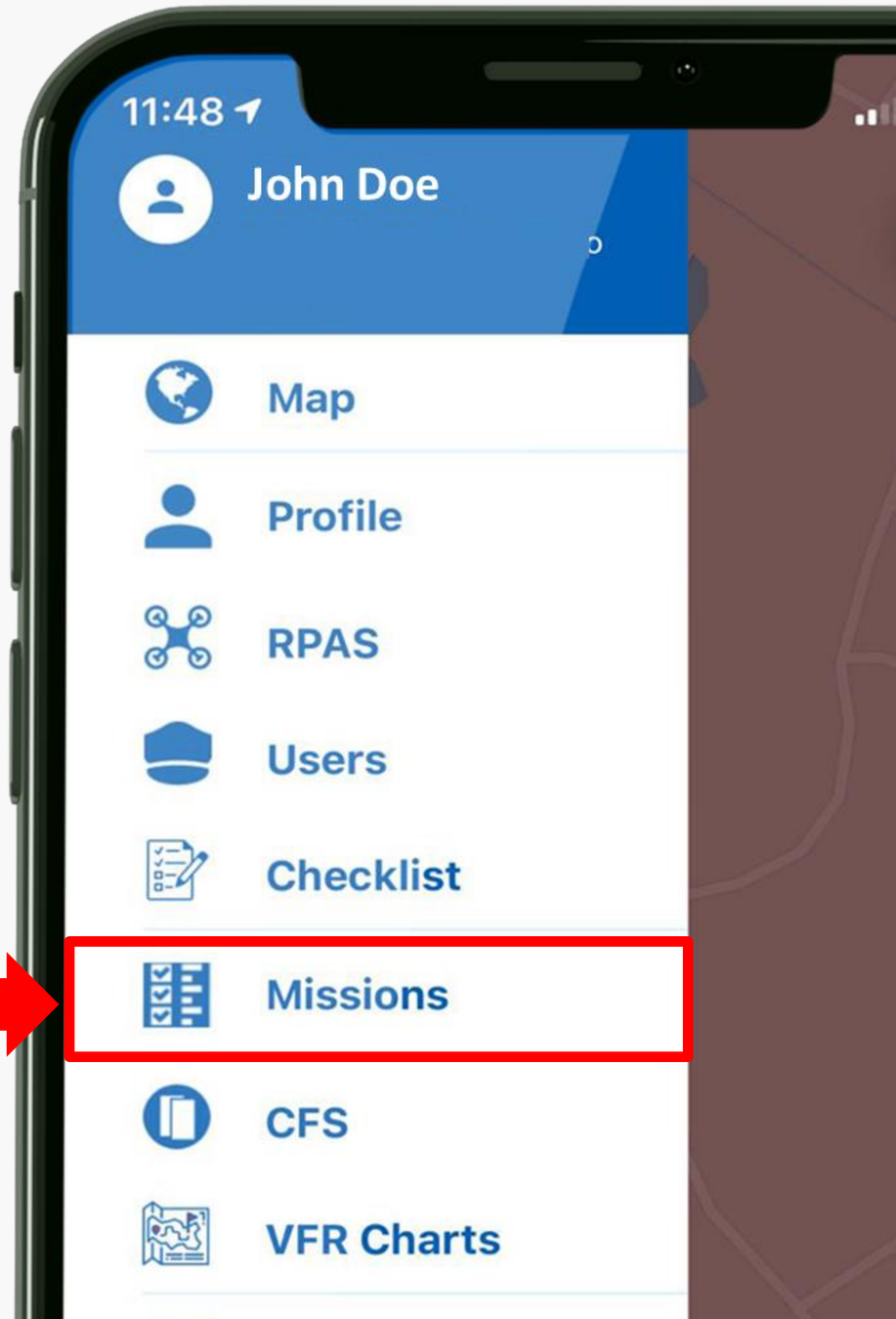
You can make edits to the checklist template.

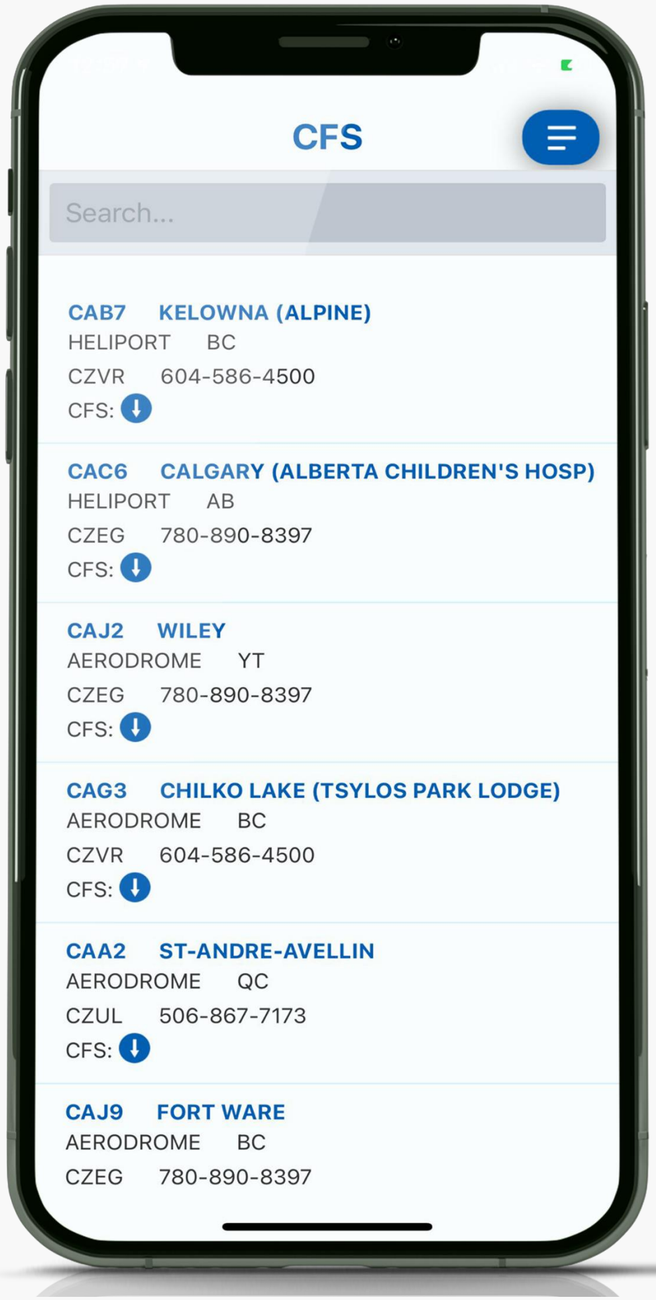




Review your site surveys, complete checklist during operations, and access your flight log.

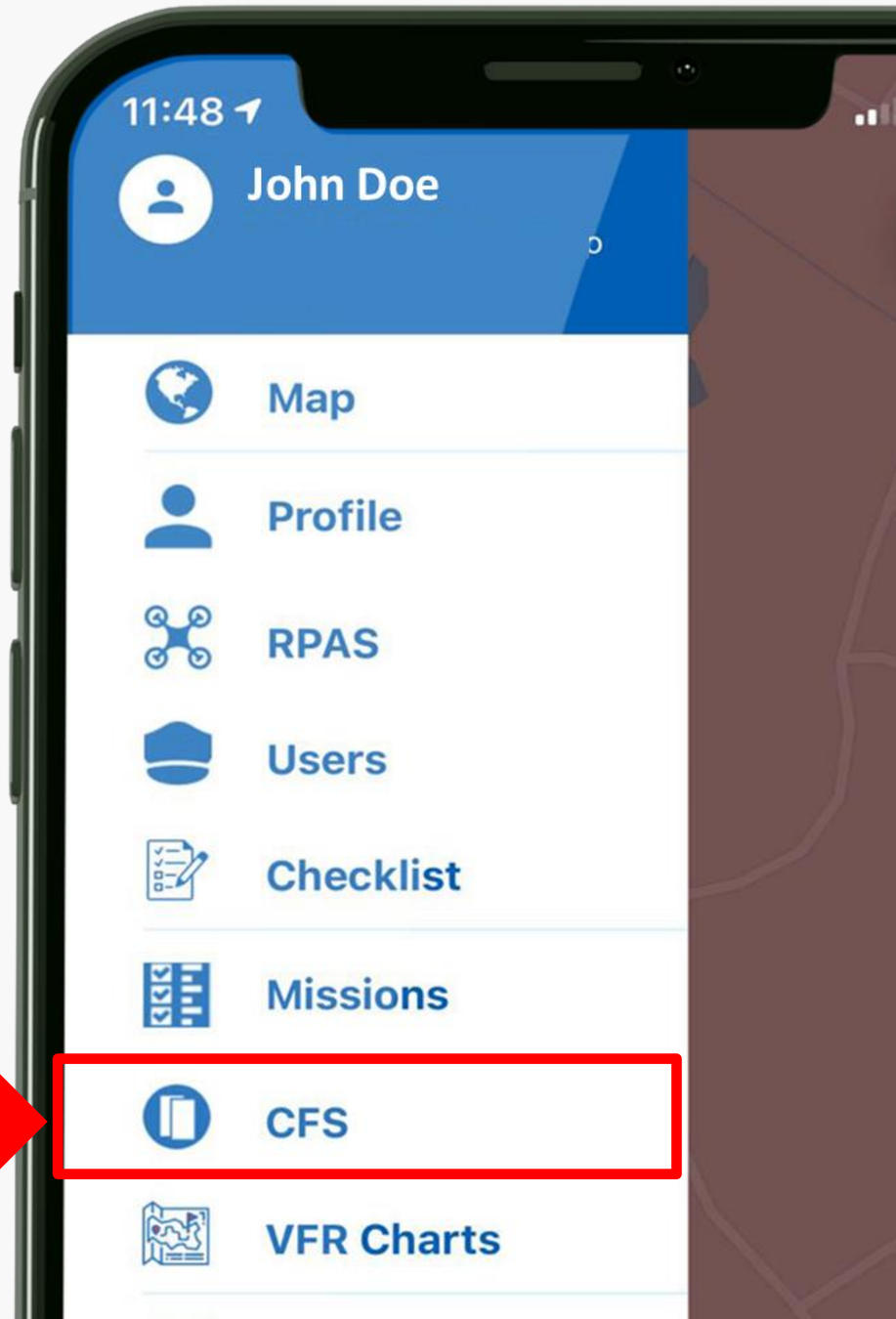
Missions

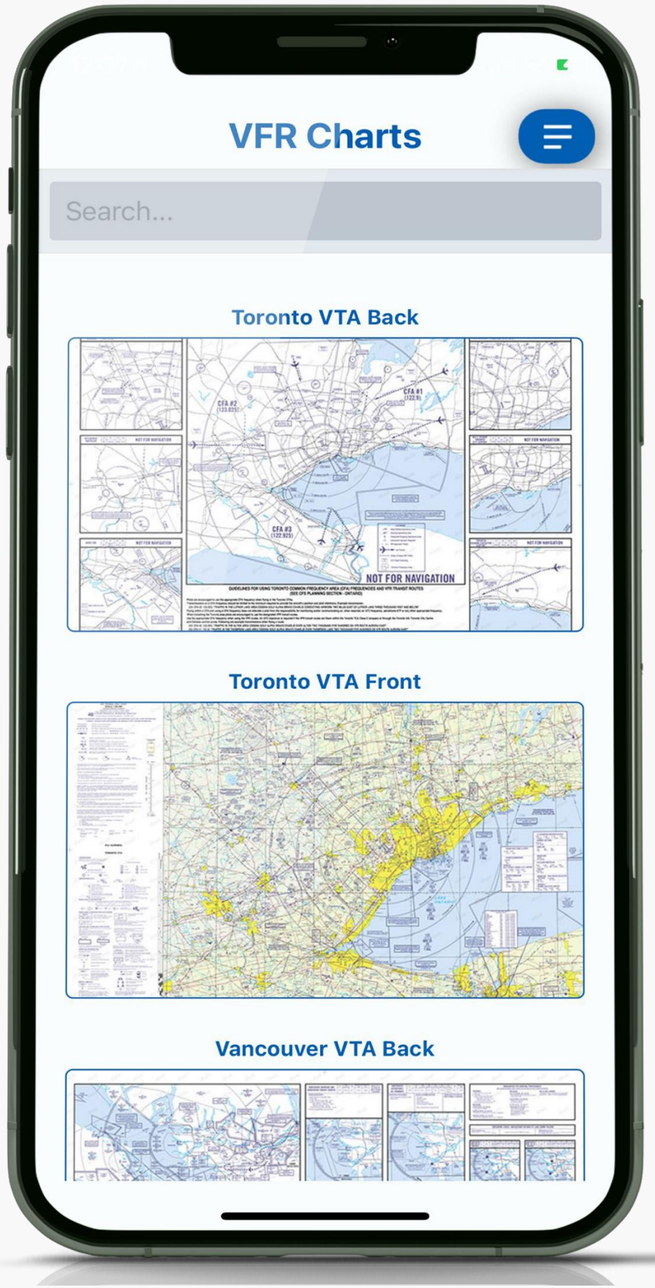




Lookup detailed aerodrome information from the official NAV Canada CFS

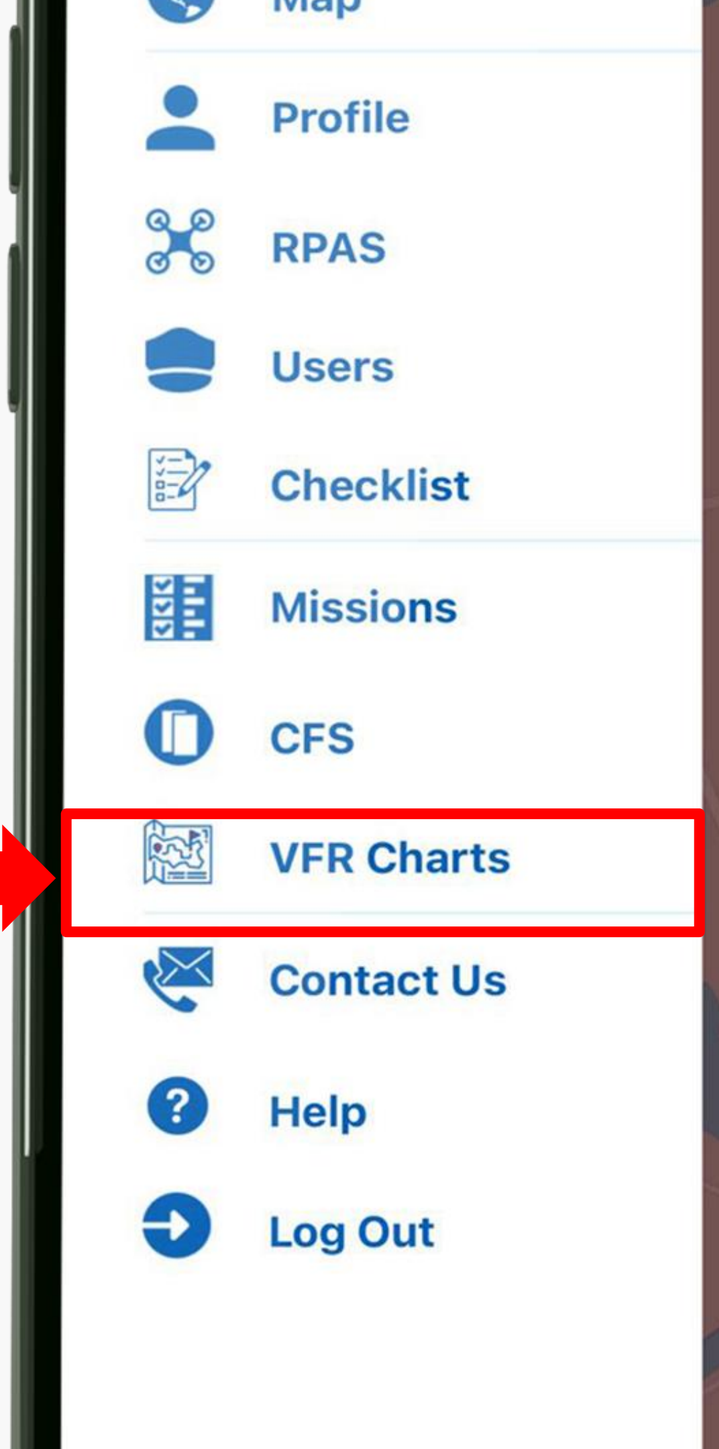
CFS

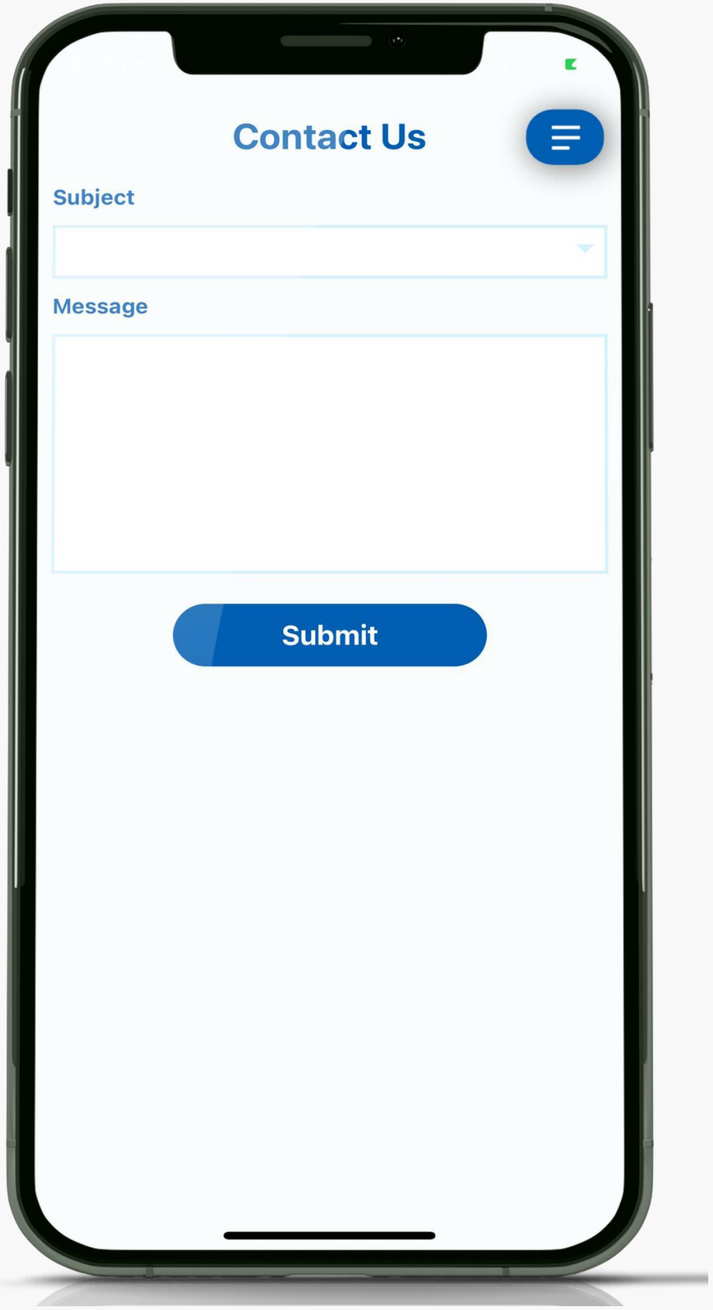




VFR Charts

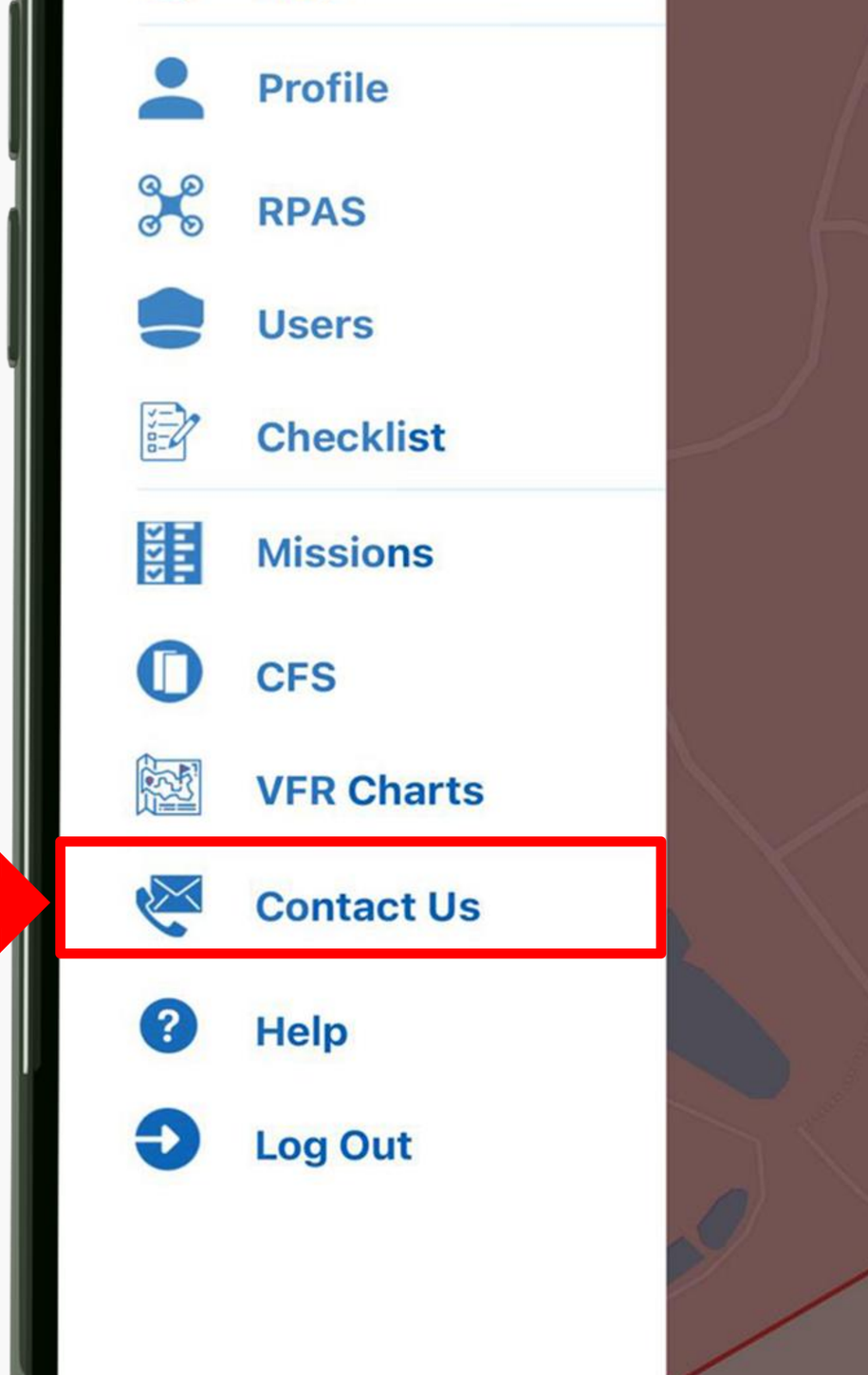
Access the most up-to-date VFR charts from NAV Canada.





Get in touch with us.
We’d love to hear
from you.

Contact Us



Site Survey

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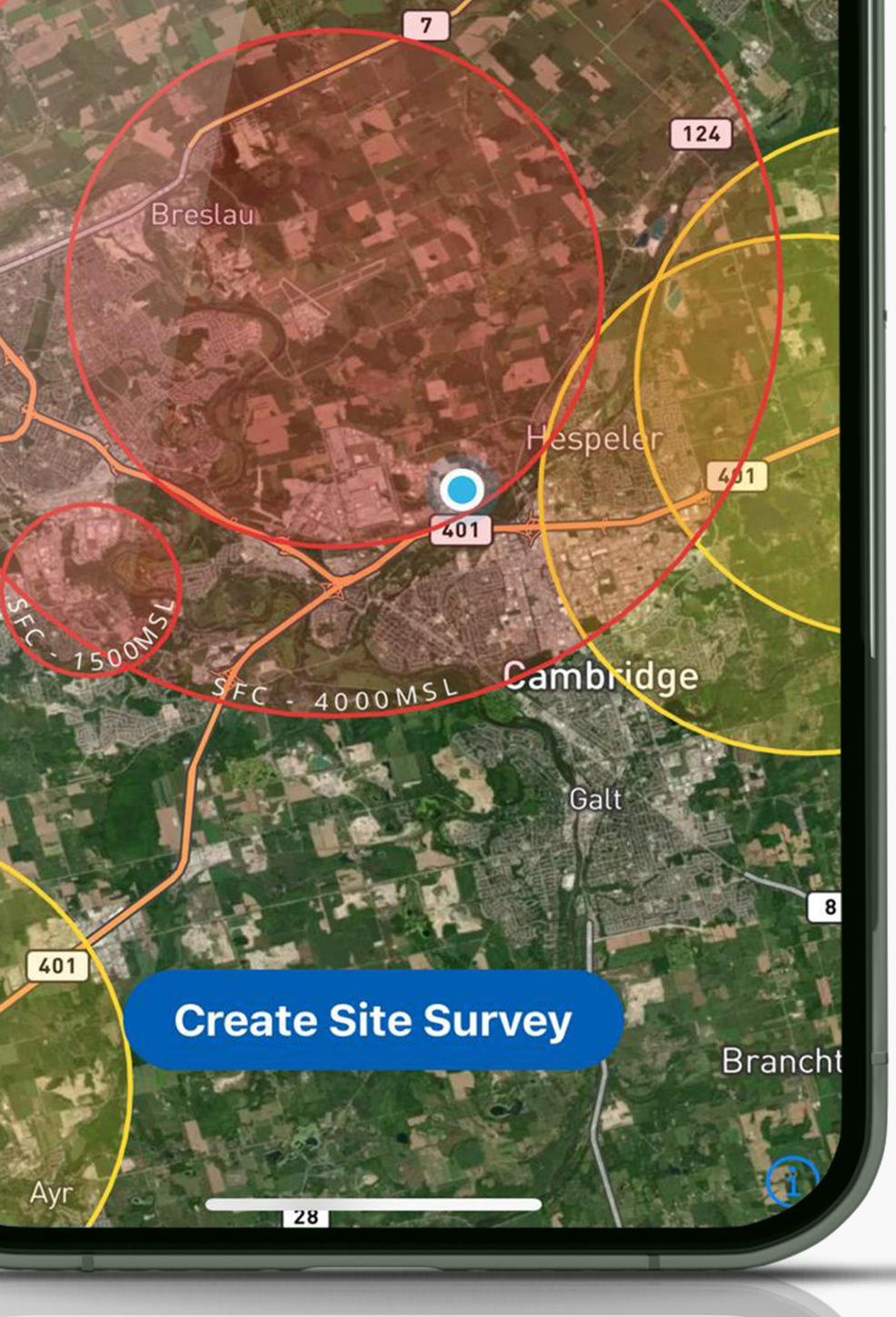

Site Survey

- Site Survey is a critical knowledge requirement for RPAS Operators in Canada.
- You also must ensure to use official and up-to-date aviation charts from NAV Canada.
- RPAS WILCO helps you create site survey efficiently with the official information from NAV Canada.

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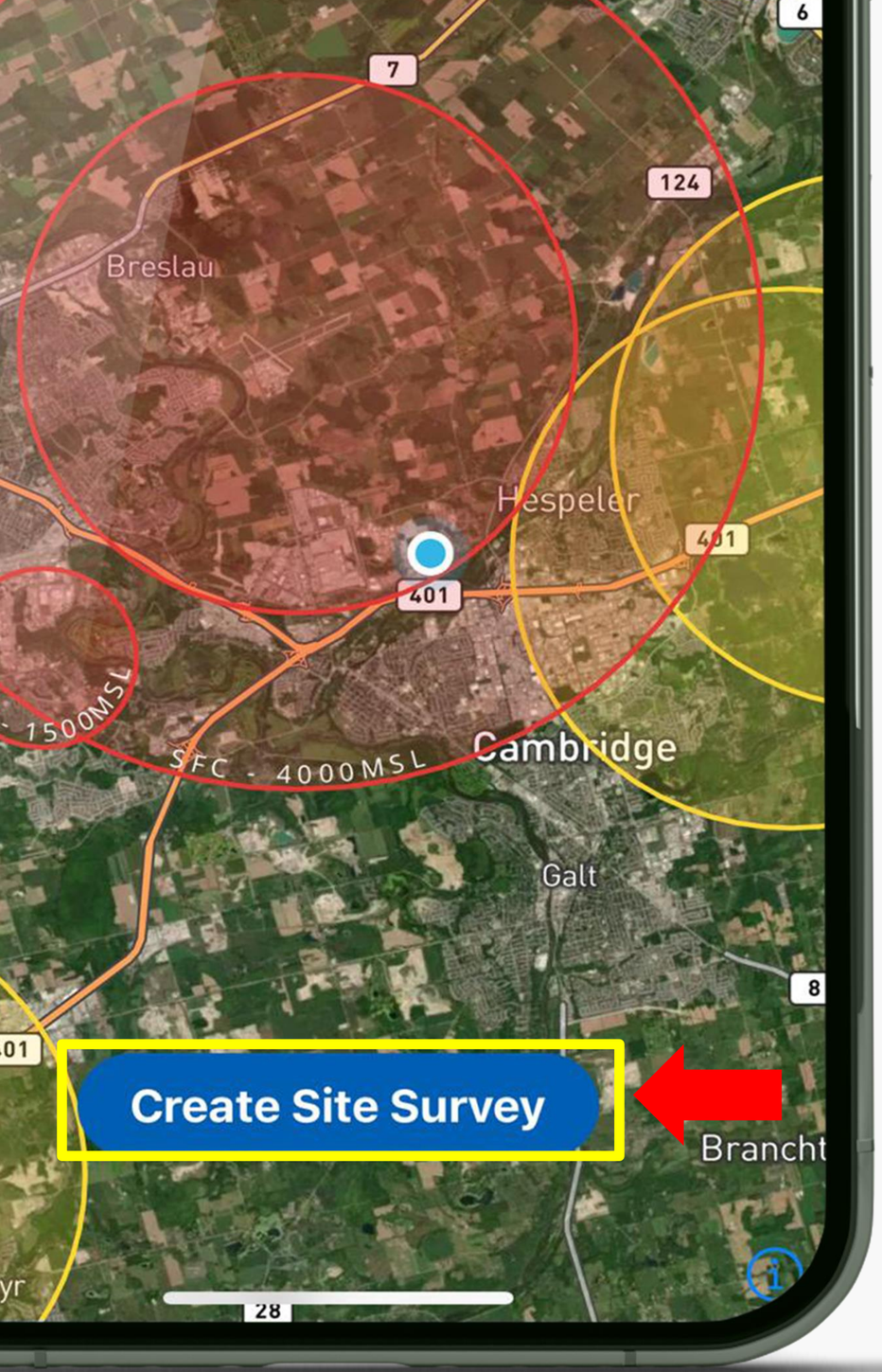
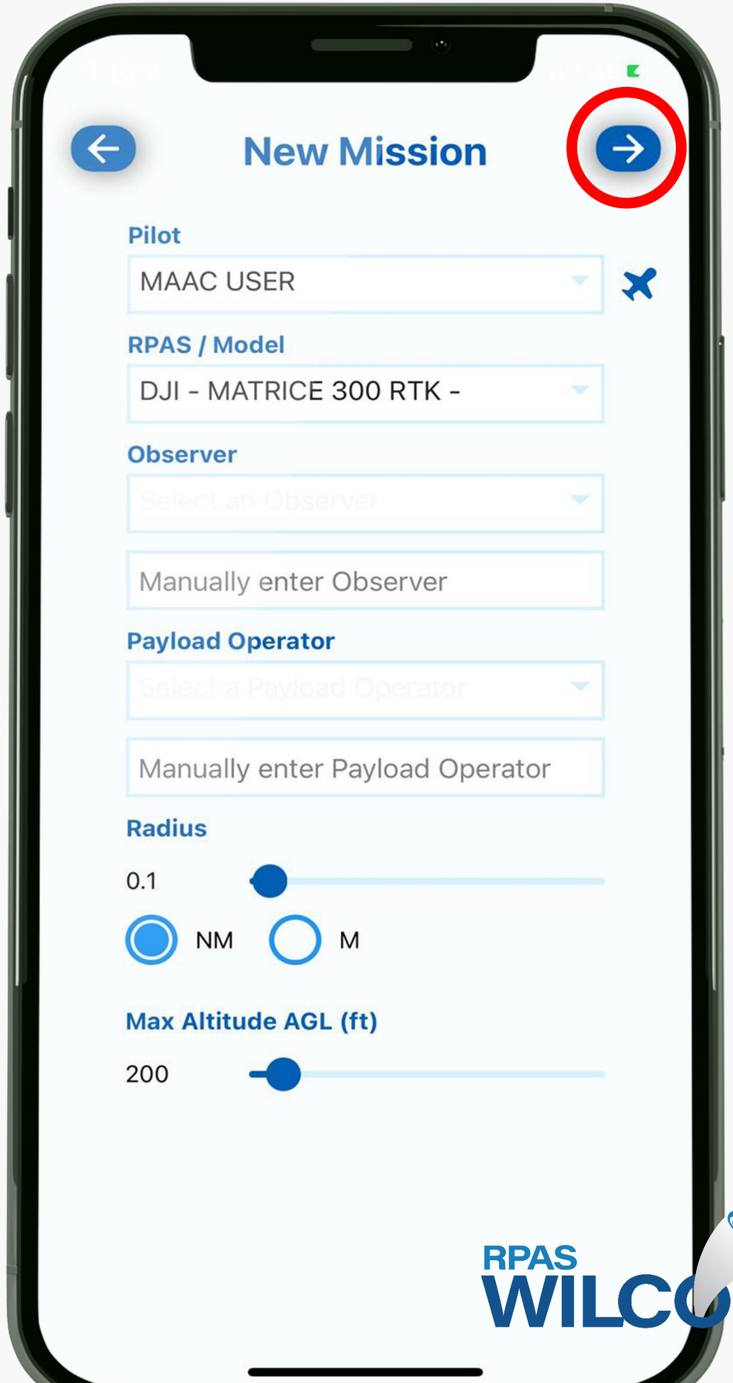


3. Tab the right arrow to continue

2. From the next screen, enter your mission parameters.

1. Tap the “Create Site Survey” to begin



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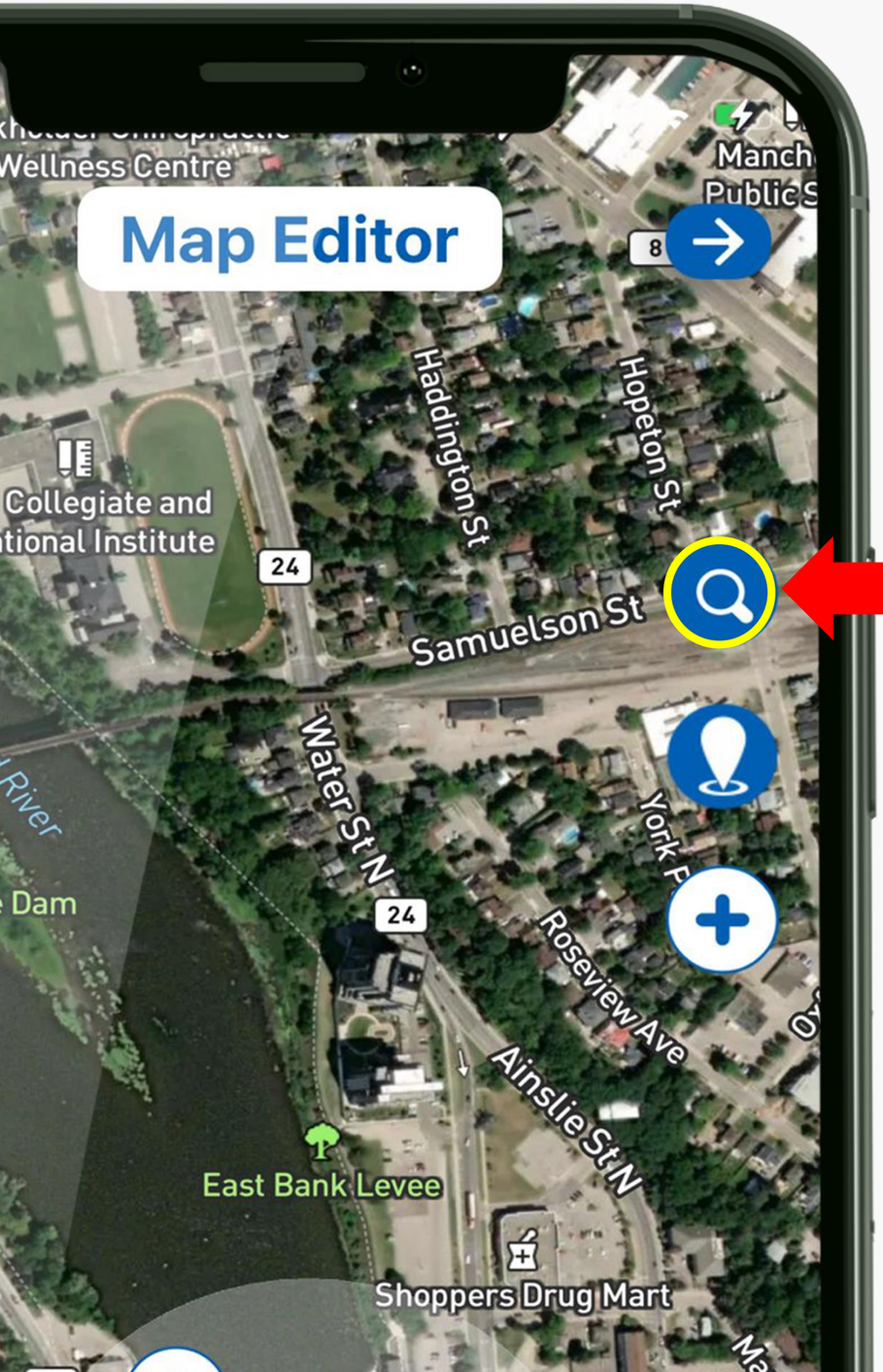
- Hold on aircraft icon. Drag and drop to your flight location.

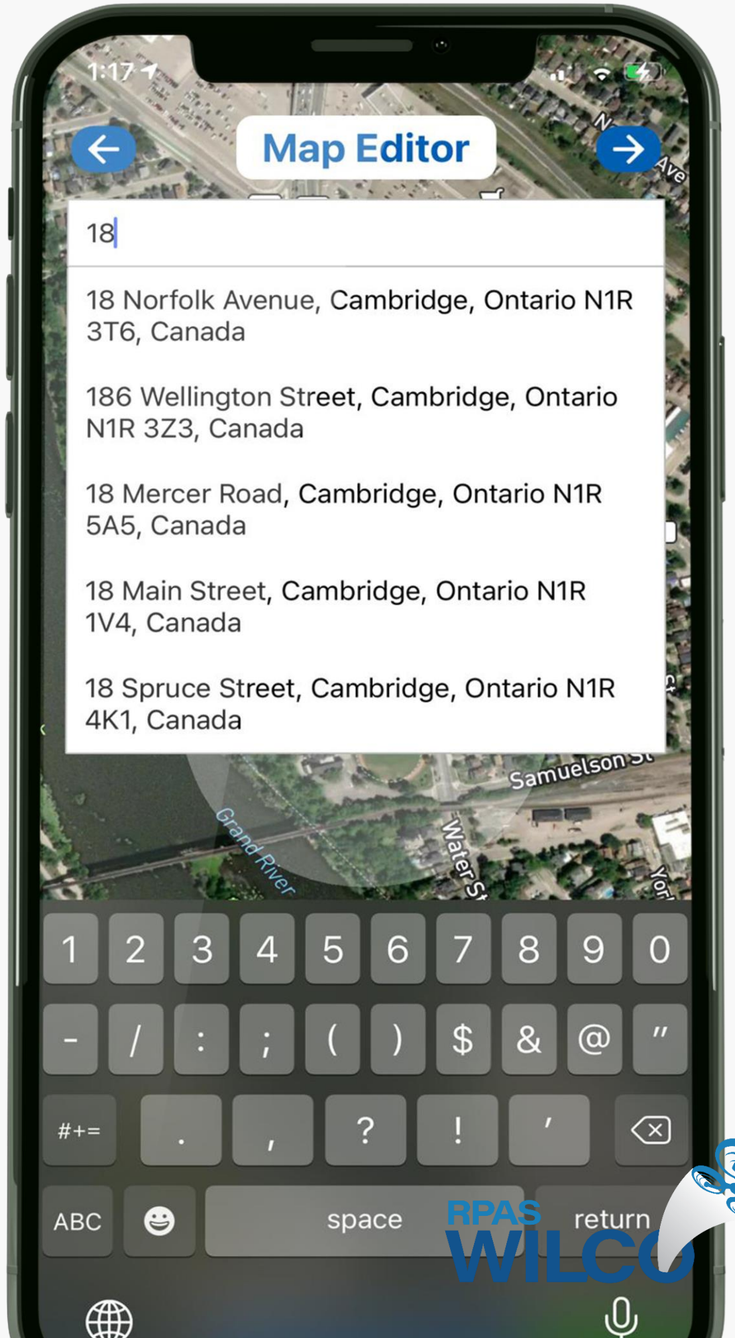
- You can add markers to the map for key personnel and hazards. Icons can be moved in the same way.

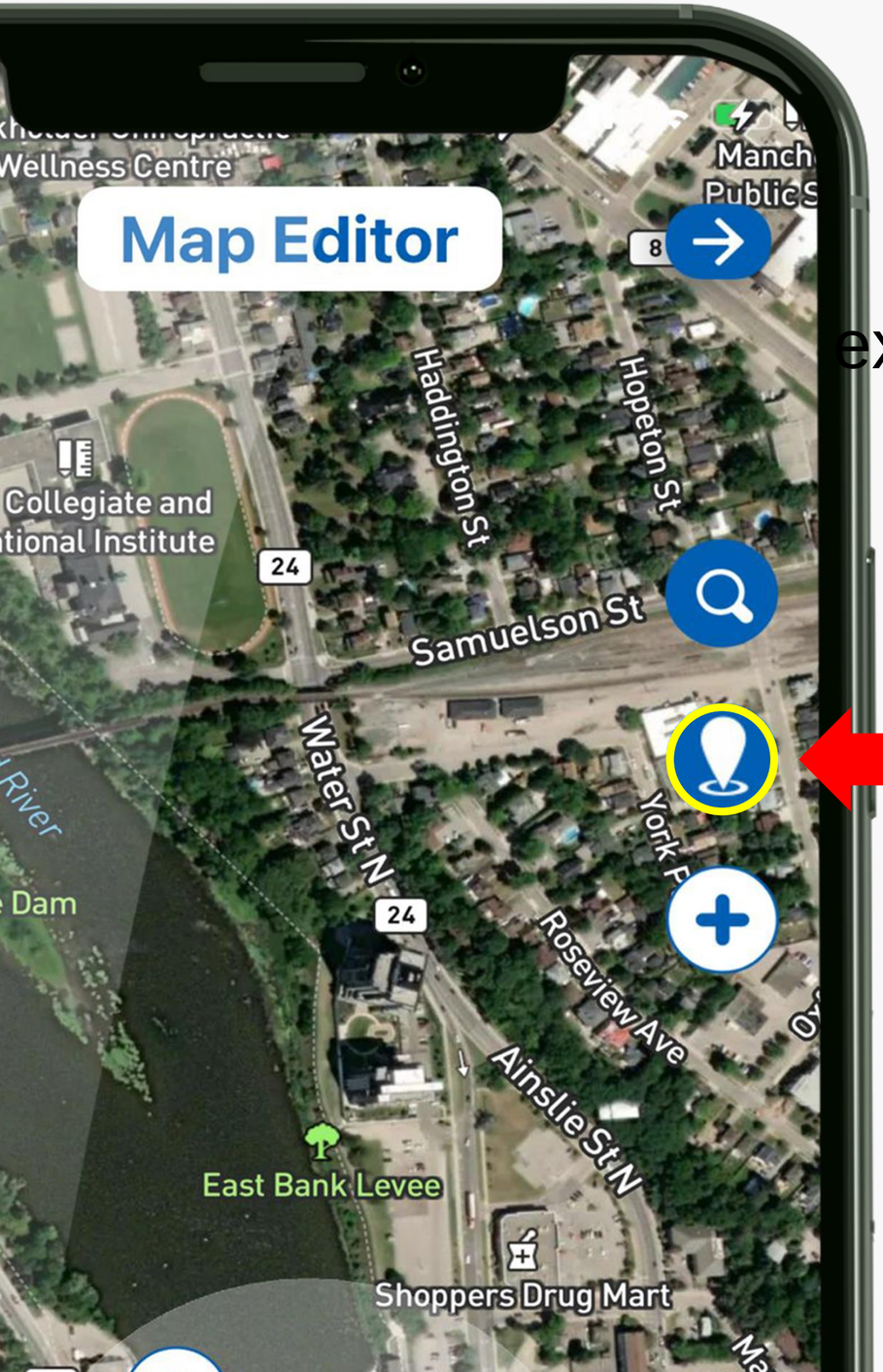
RPAS WILCO



Search by Address

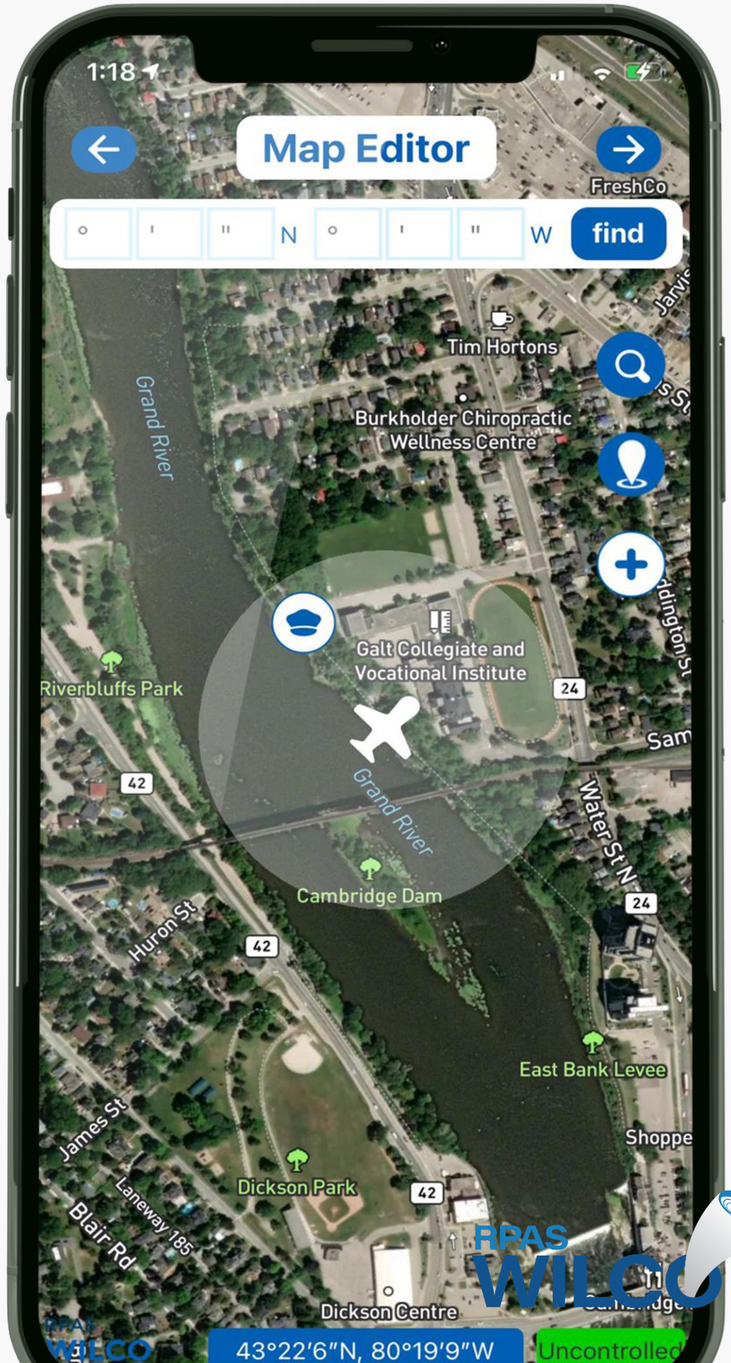
You can enter the address of your operations.

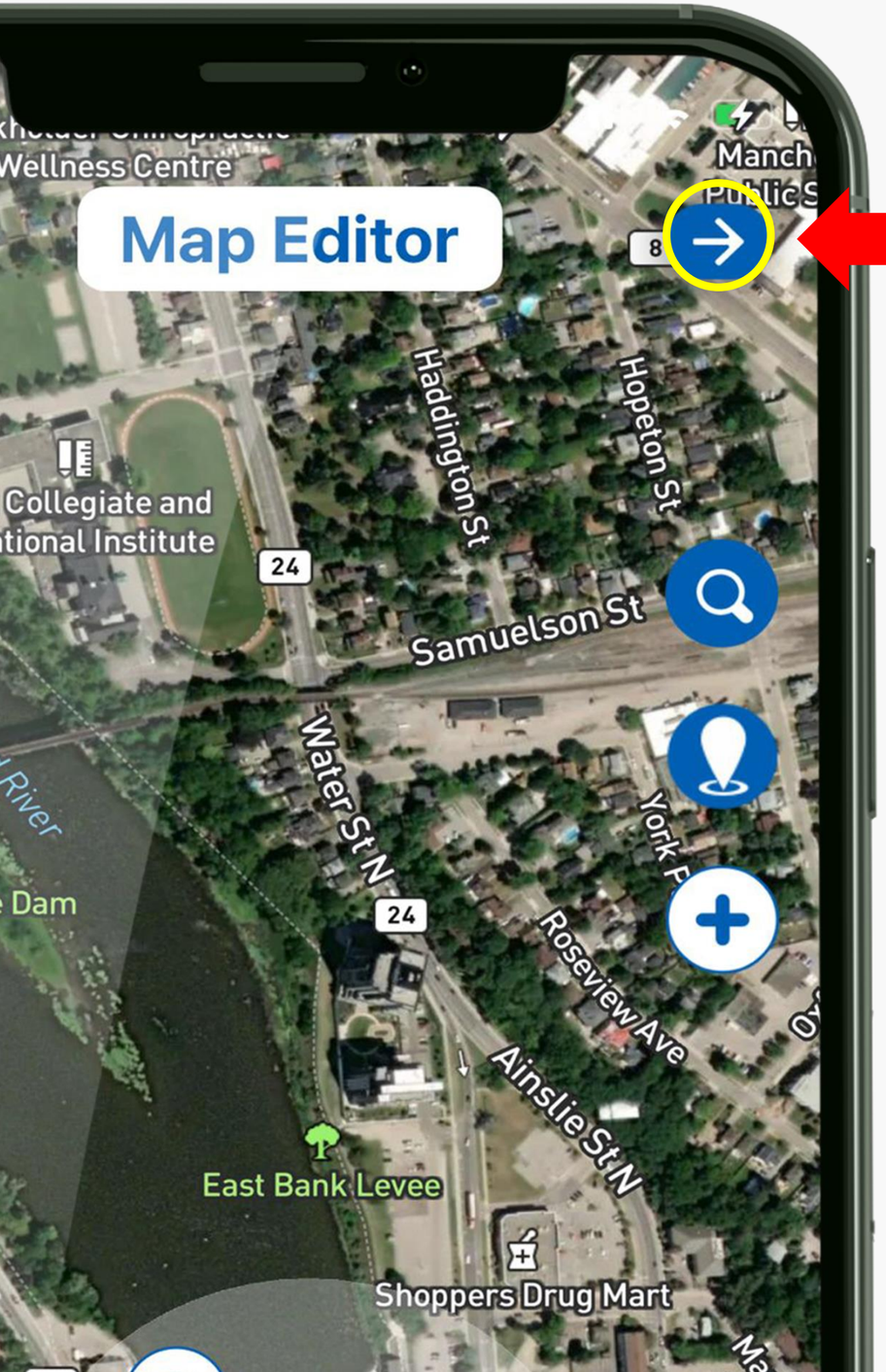




You can enter the exact coordinates for your flight.

Search by Coordinate

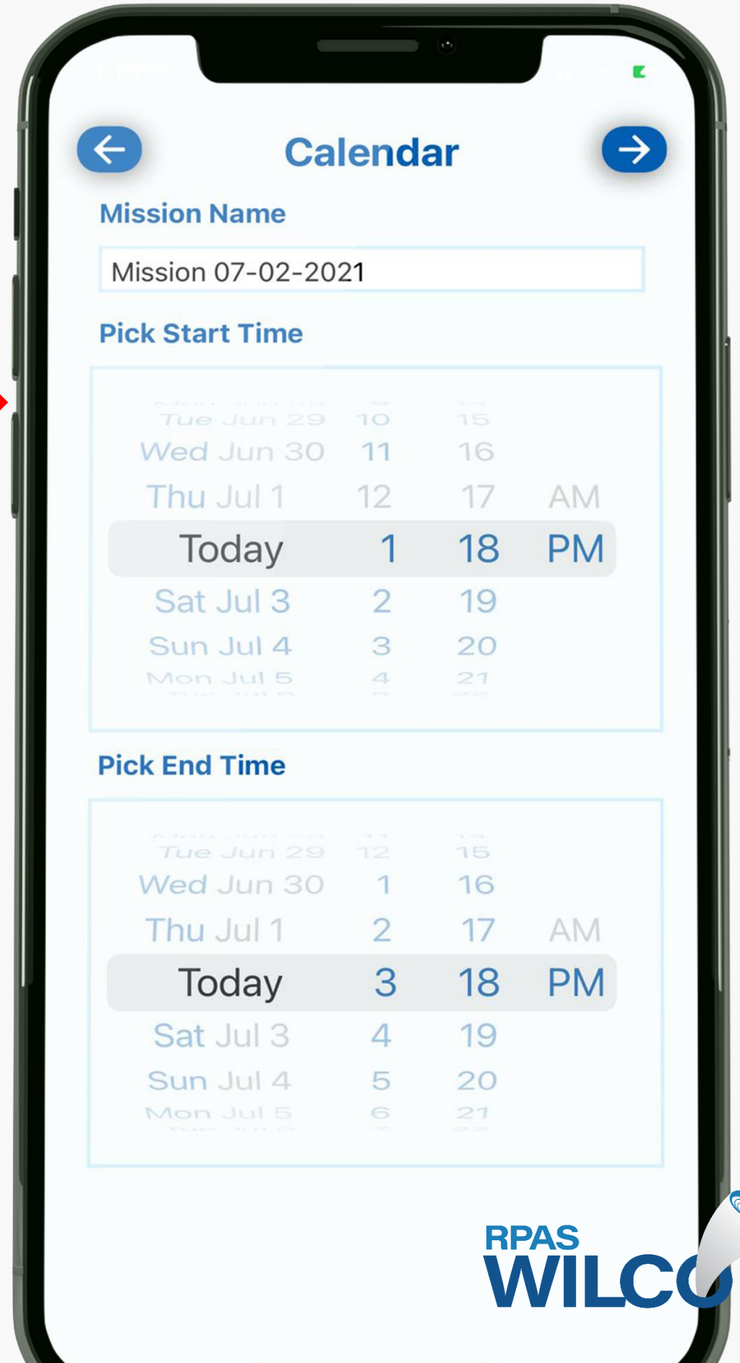




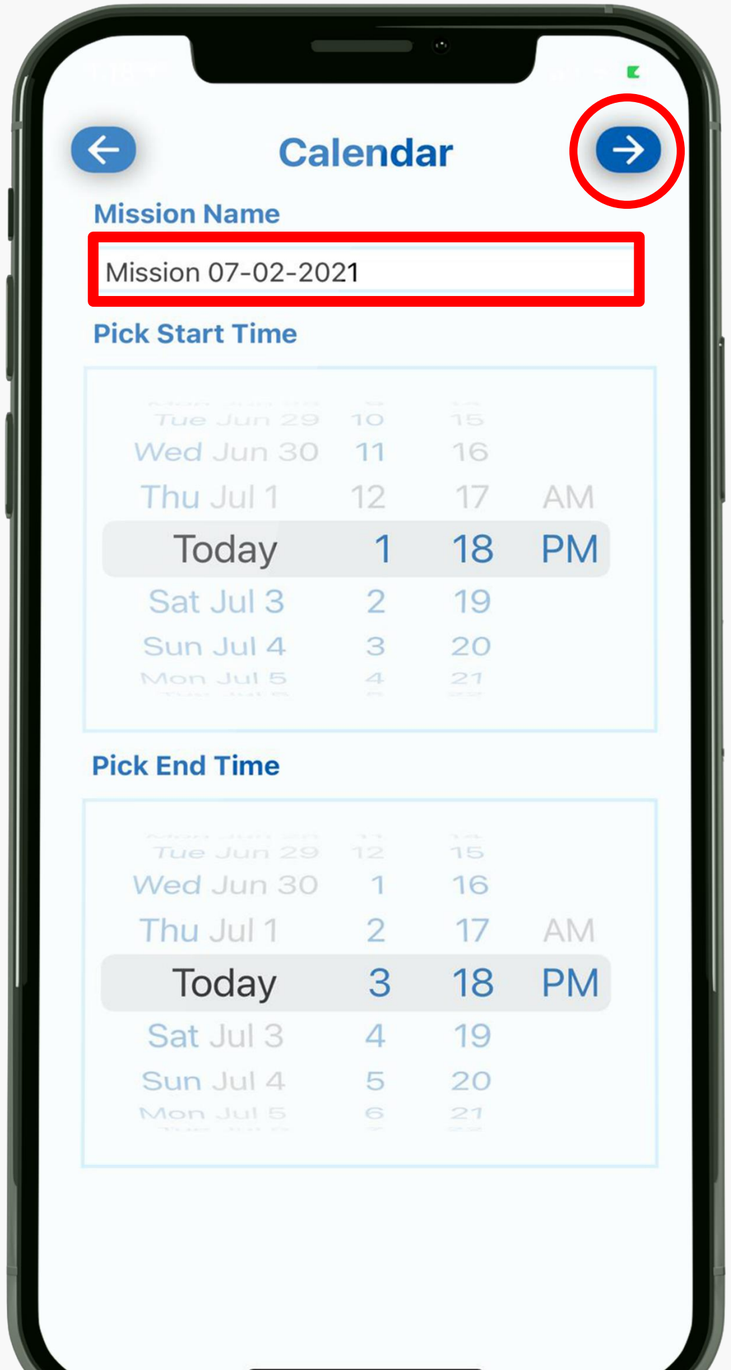
Next

Calendar

When you are done with Map Editor, click the right arrow to move to Calendar



RPAS WILCO



Calendar

- You can enter a custom name for your site survey
- You can fly now or schedule a future flight.
- Simply scroll to select your date and time.
- Tap the right arrow to proceed.

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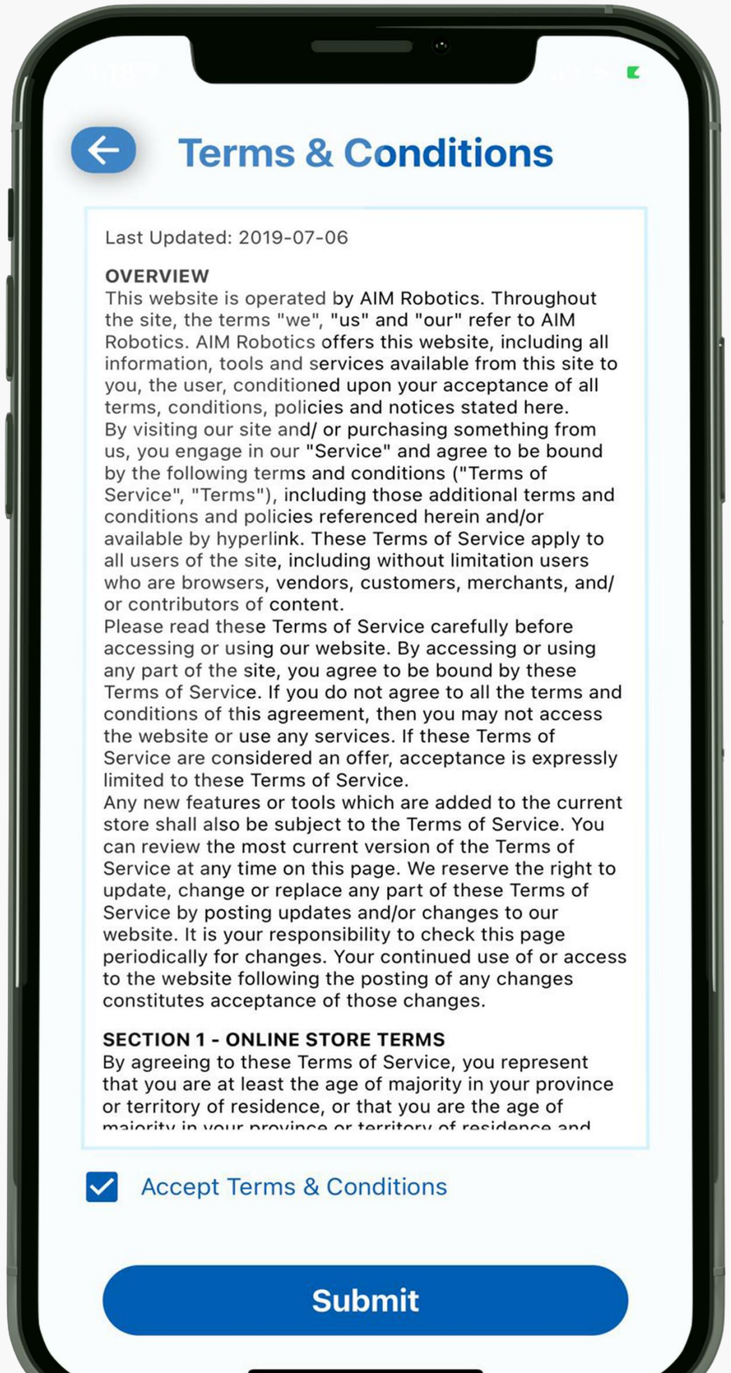

Terms & Conditions

- **Accept the terms & conditions by tapping the button to complete your site survey.**

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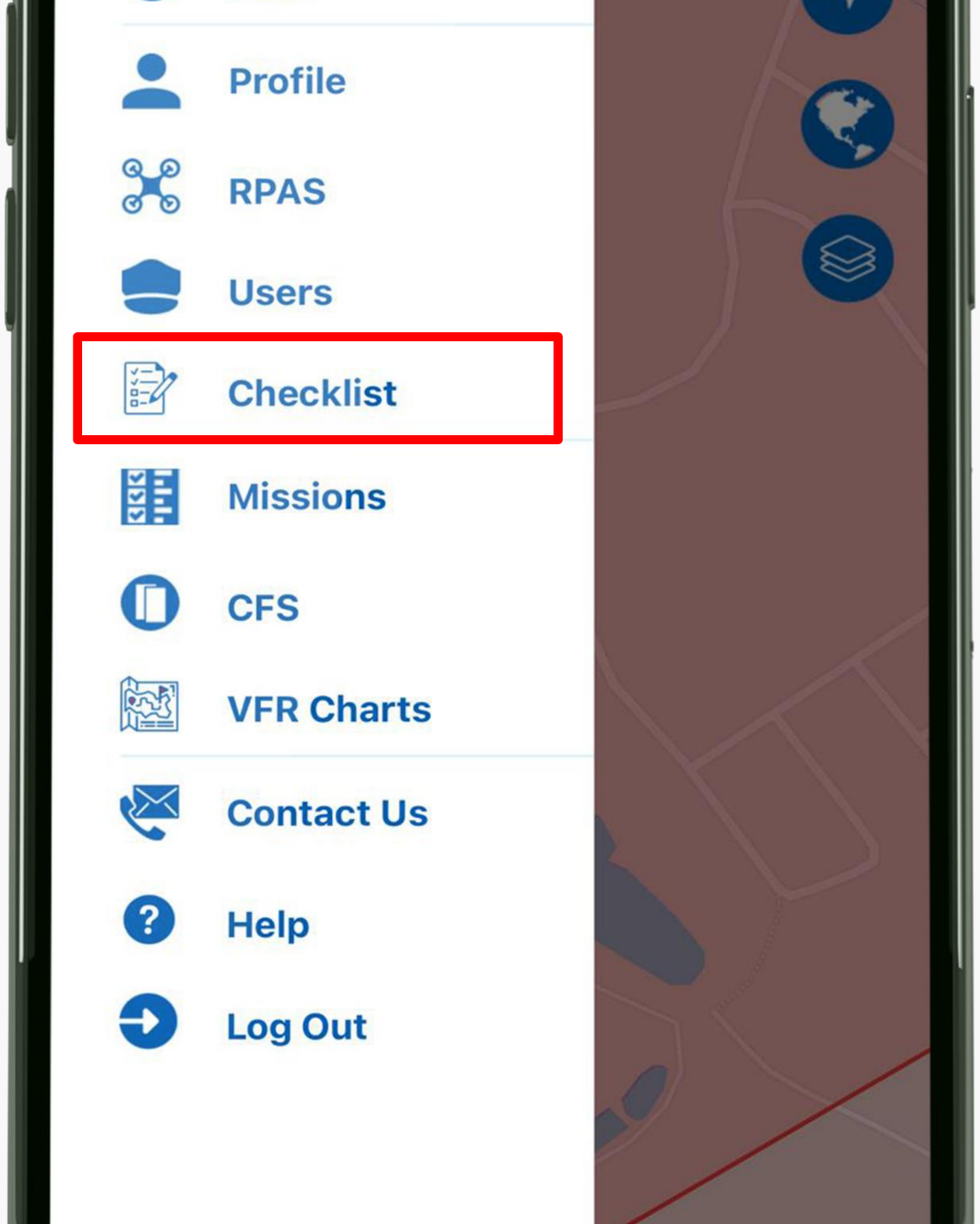
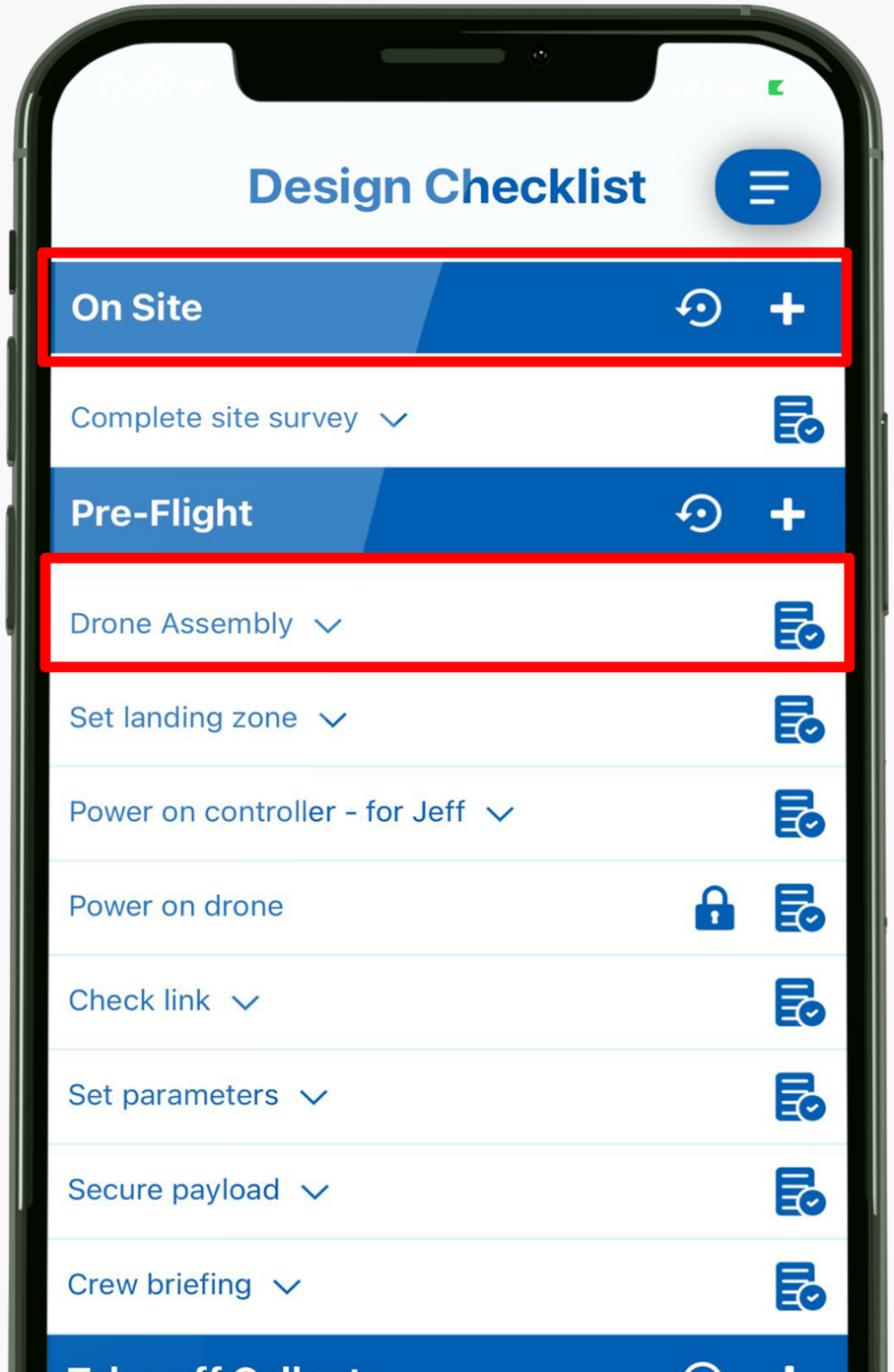
Checklist

RPAS WILCO



Checklist

- The checklist template is easily found from the menu.
- This page will let you review your checklist and customize it.
- Let’s take a look.



Sections have a blue background and represent the main workflow for the operation.

Under each section are the checklist items which represent sub-process for the operation.

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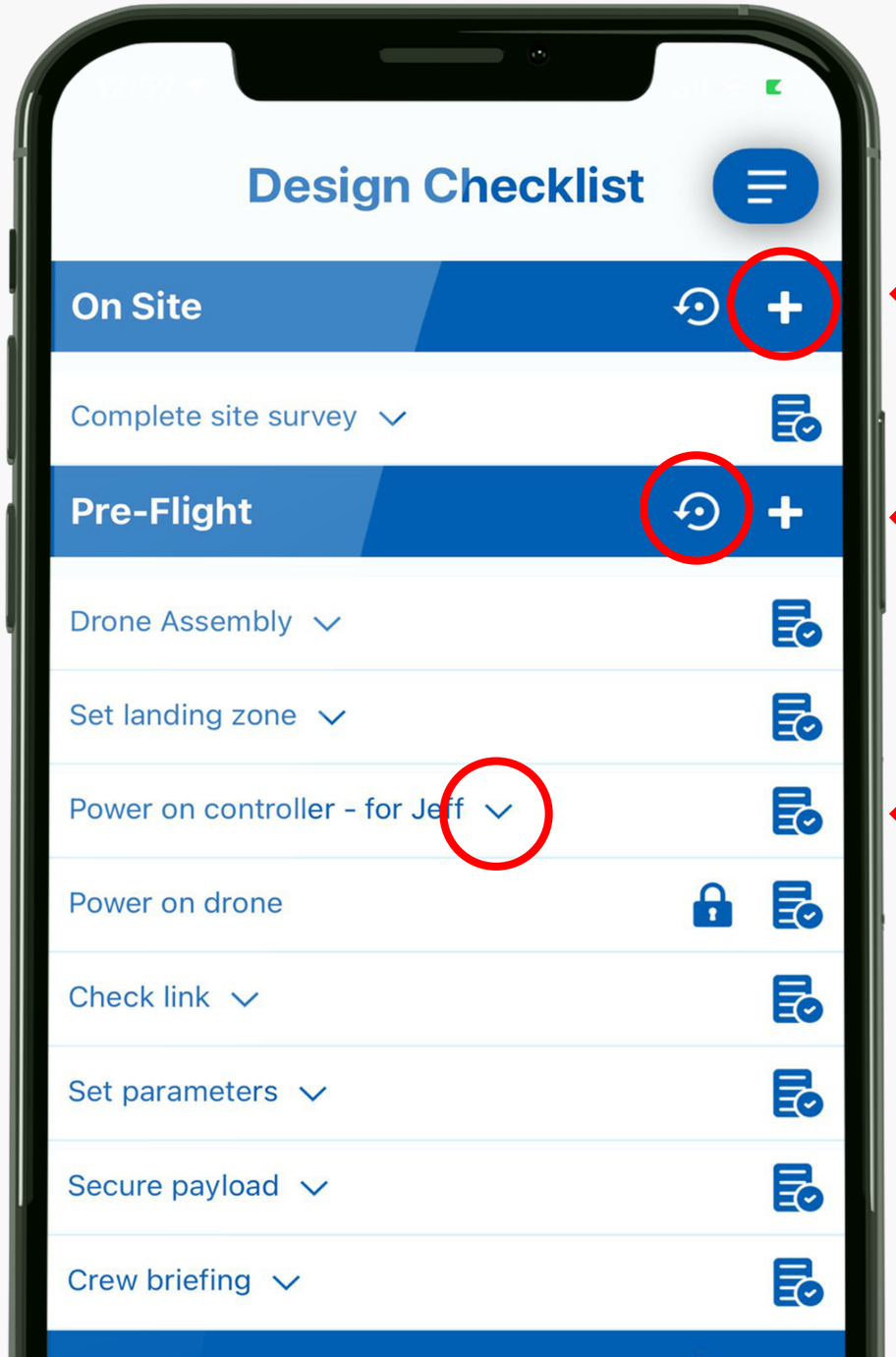

Add new checklist items by tapping the “+” icon

Revert a section back to its default items by tapping the “reset” icon

Tap the “down-arrow” under any checklist item to read the description.

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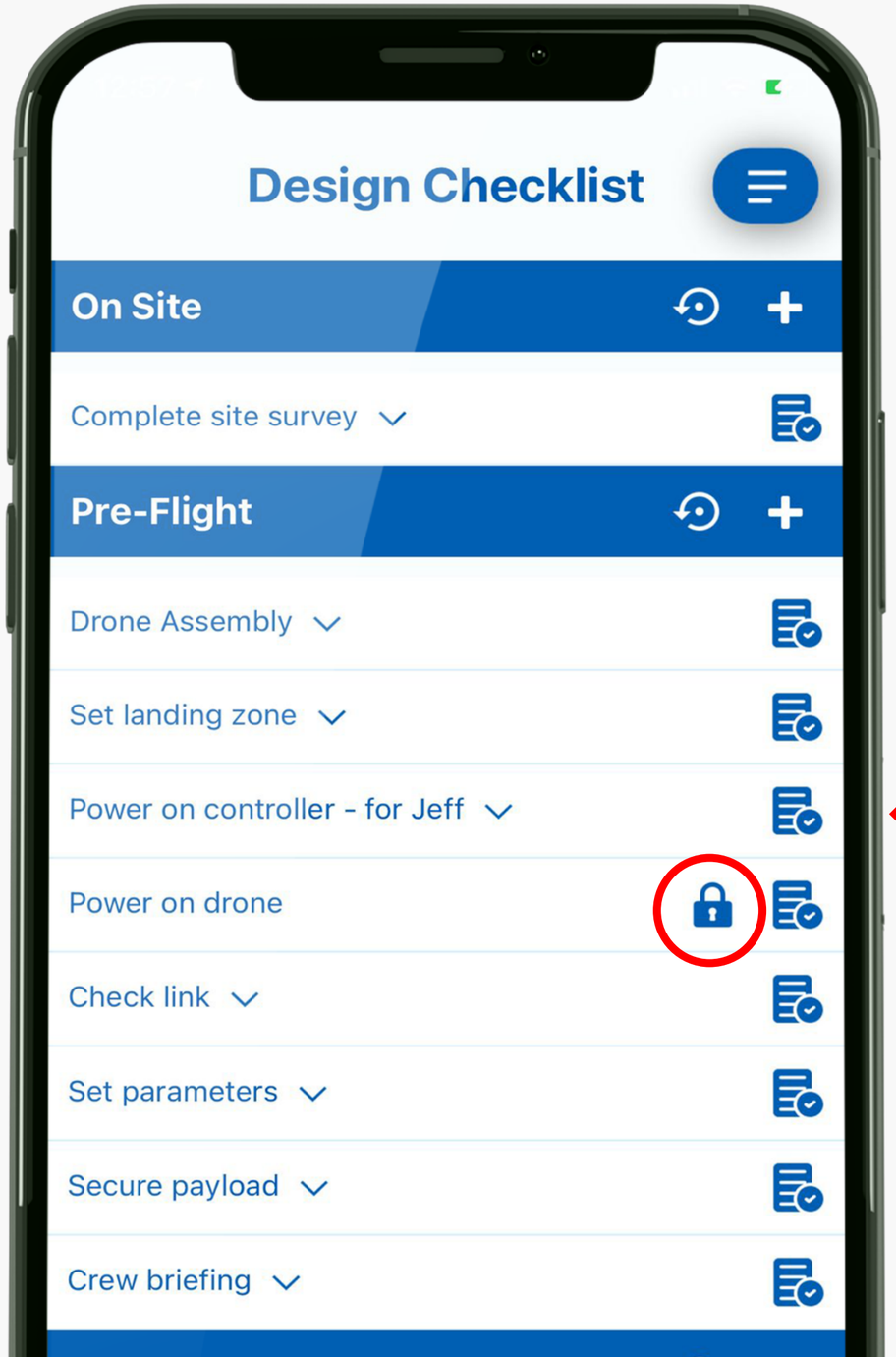
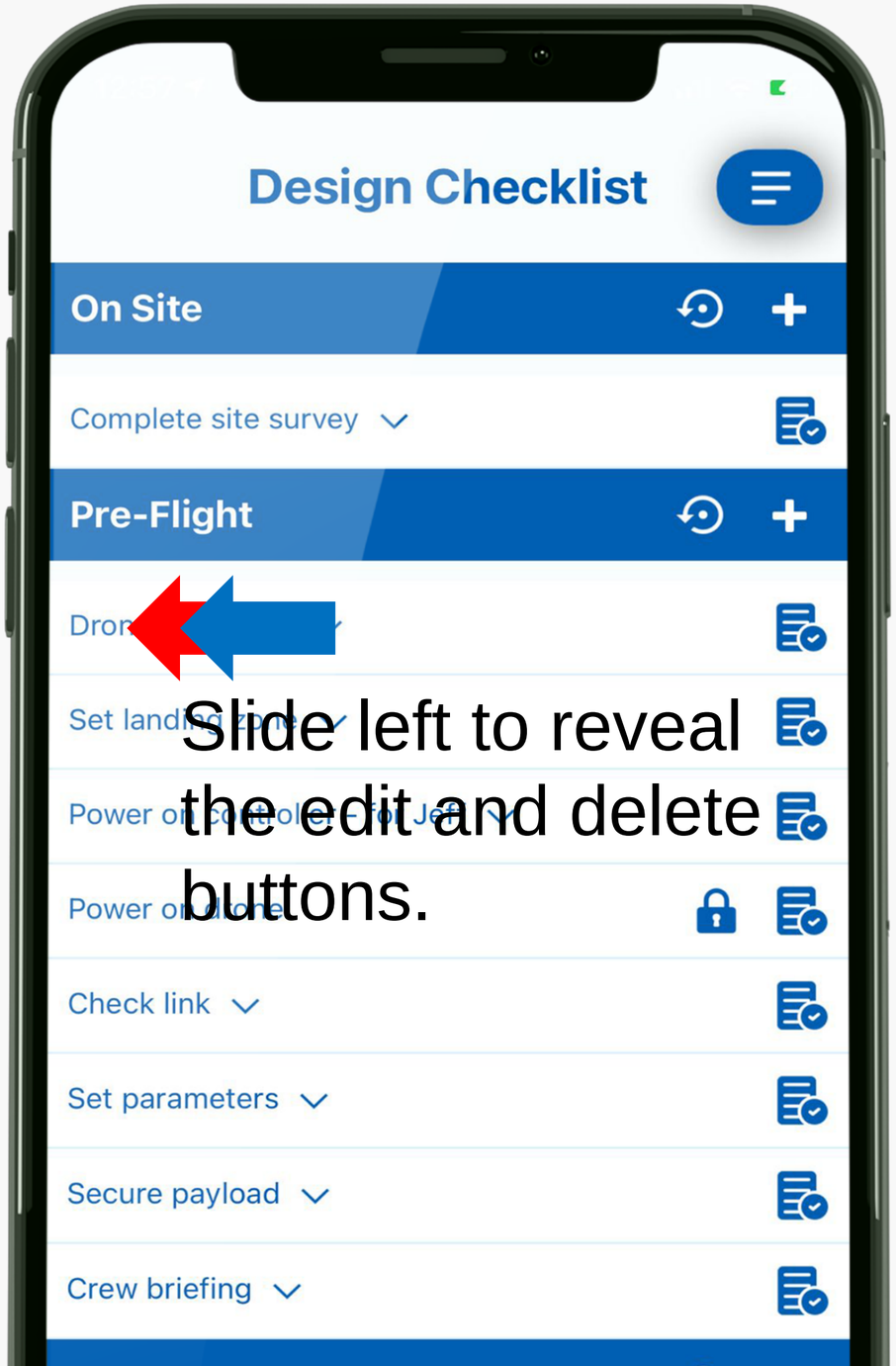
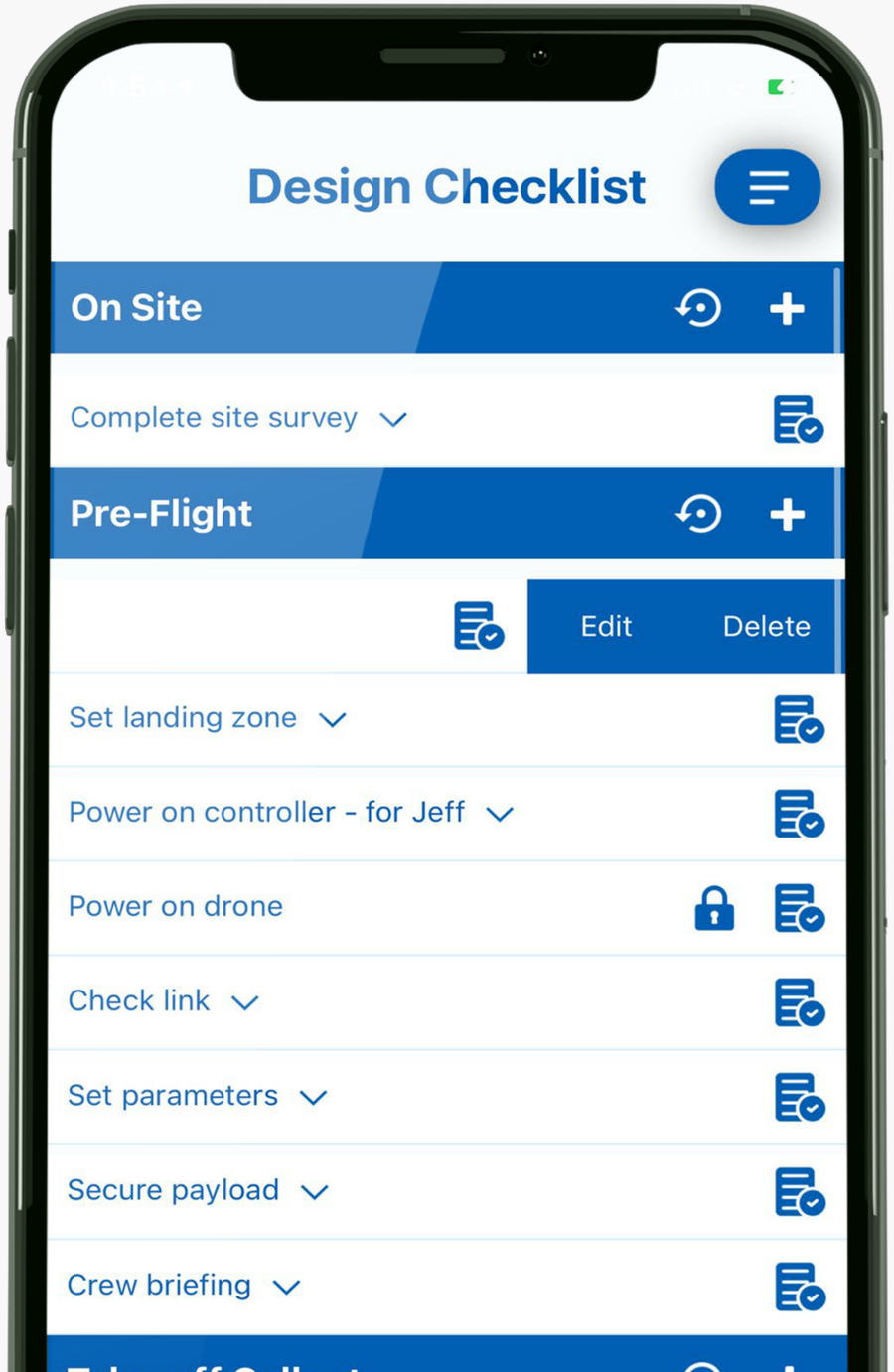


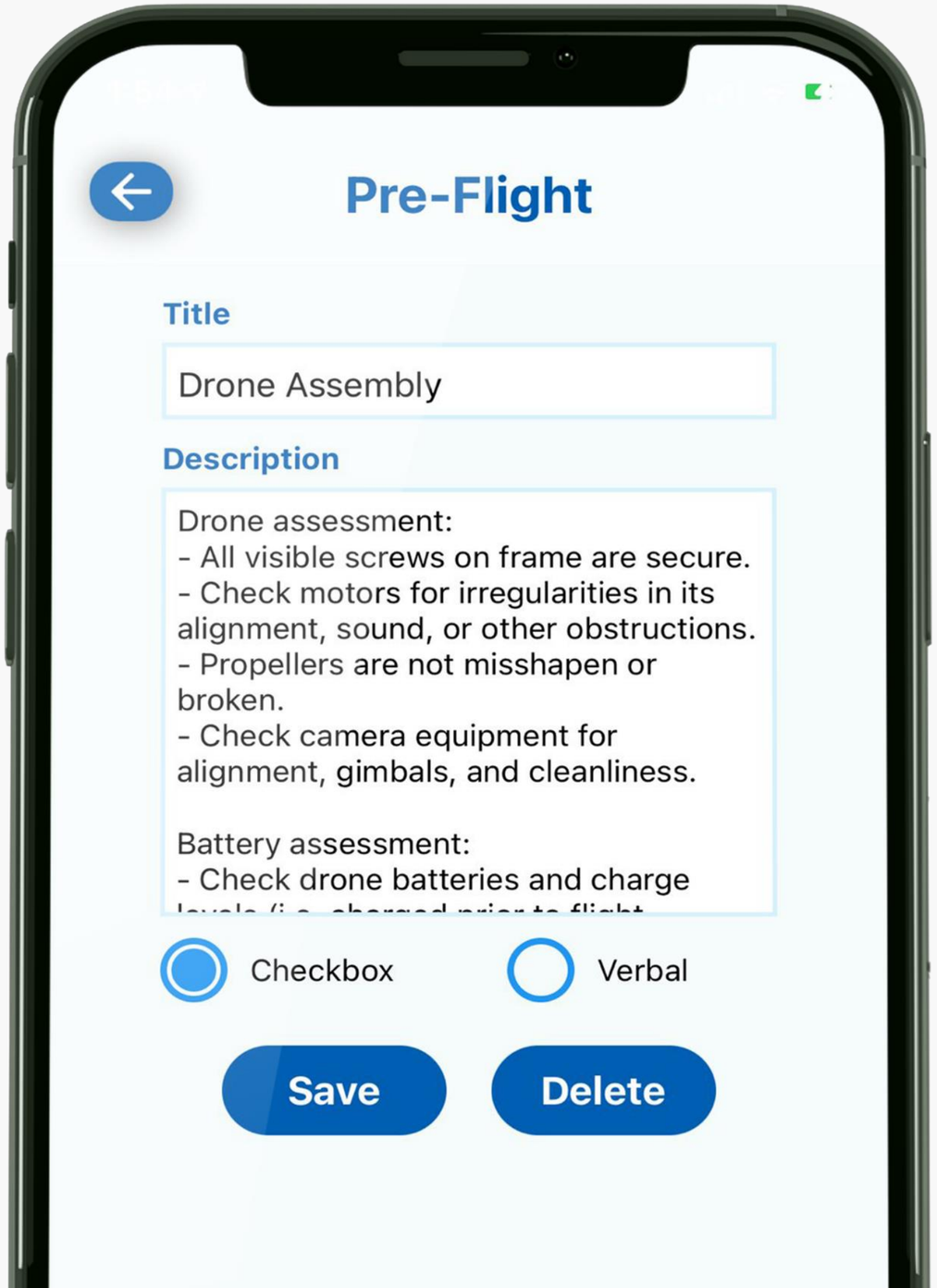
The lock icon means that item cannot be edited.



Slide left to reveal the edit and delete buttons.



RPAS WILCO



- The title shows the name of the main workflow.
- You can edit the name of the sub-process under Title.
- You can also edit the description to fit your needs.
- Select between Checkbox and Verbal. Checkbox will display a box in the checklist to interact with during operations.
- Verbal means this item is a callout and no checkbox will be shown.

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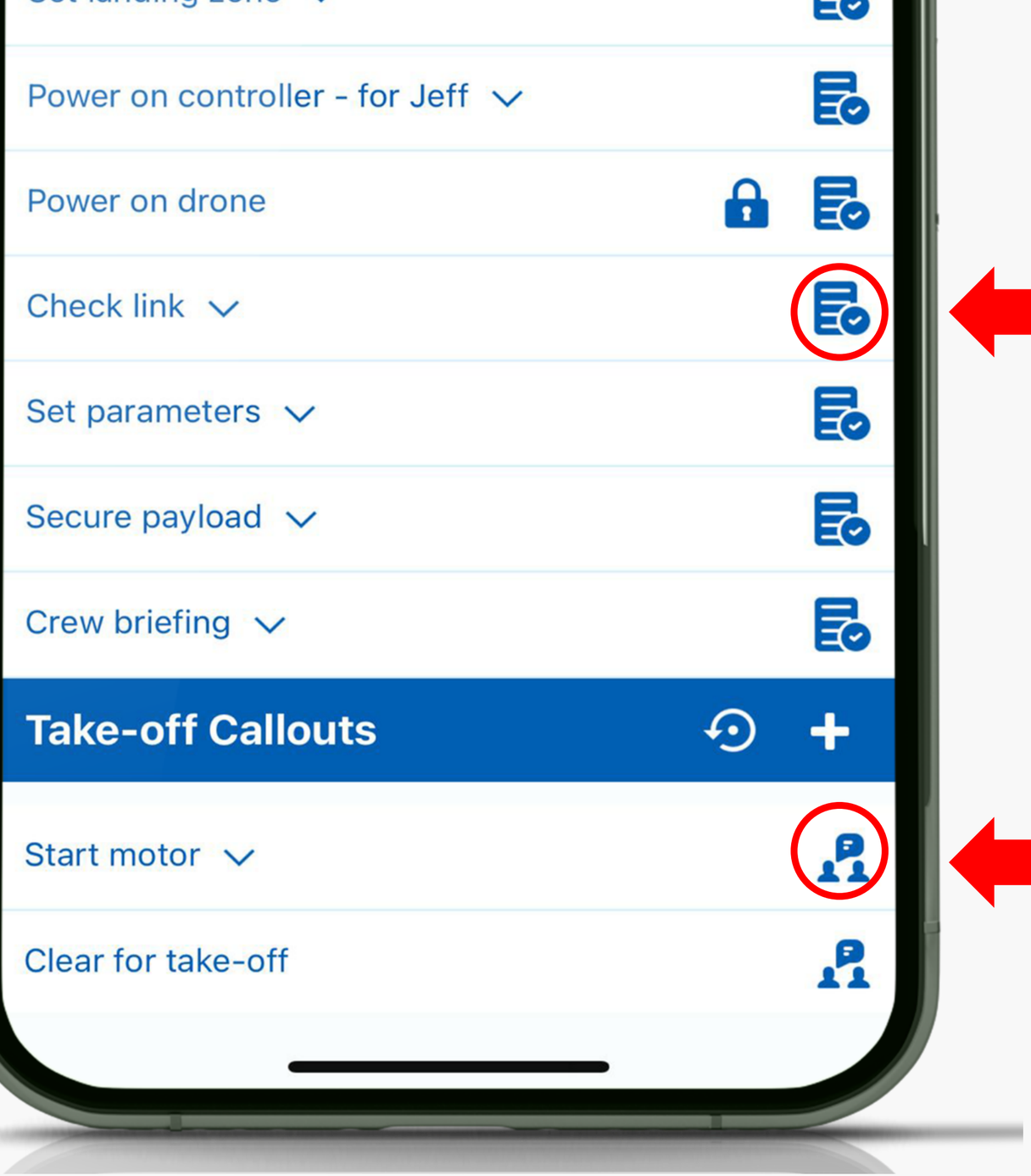

This icon means this is a checkbox item.

This icon means this is a verbal item.

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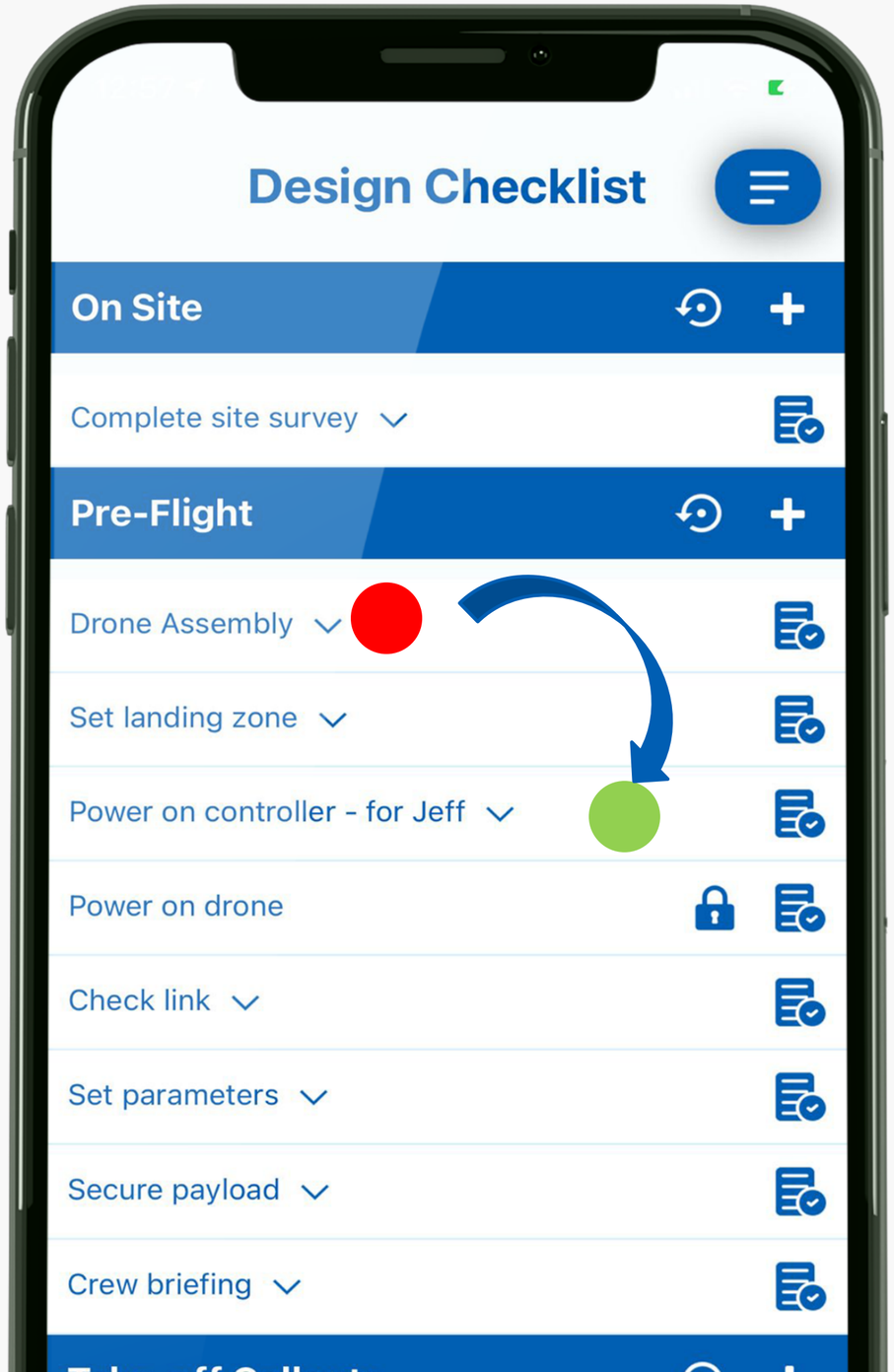

You can also re-arrange each checklist item.

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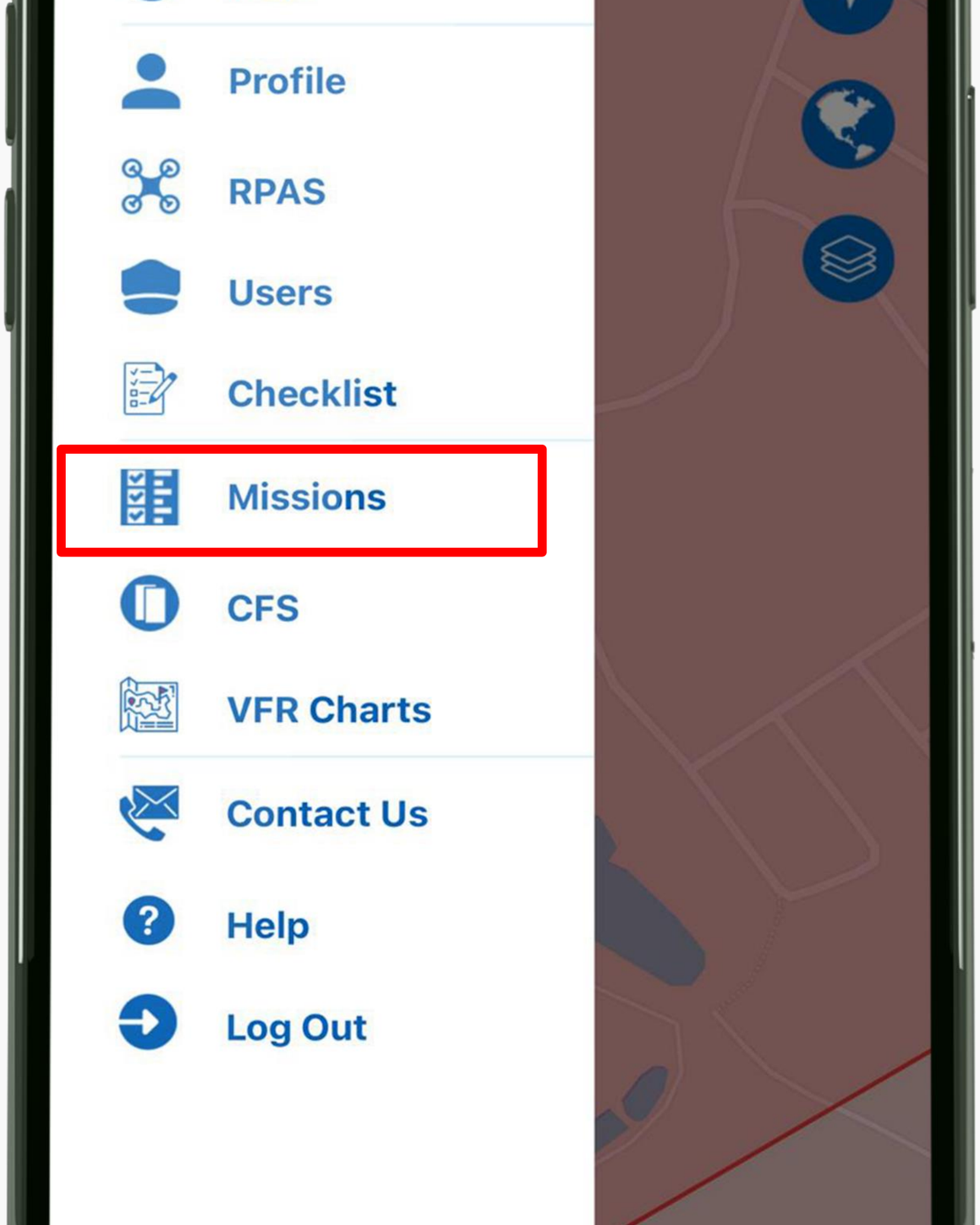
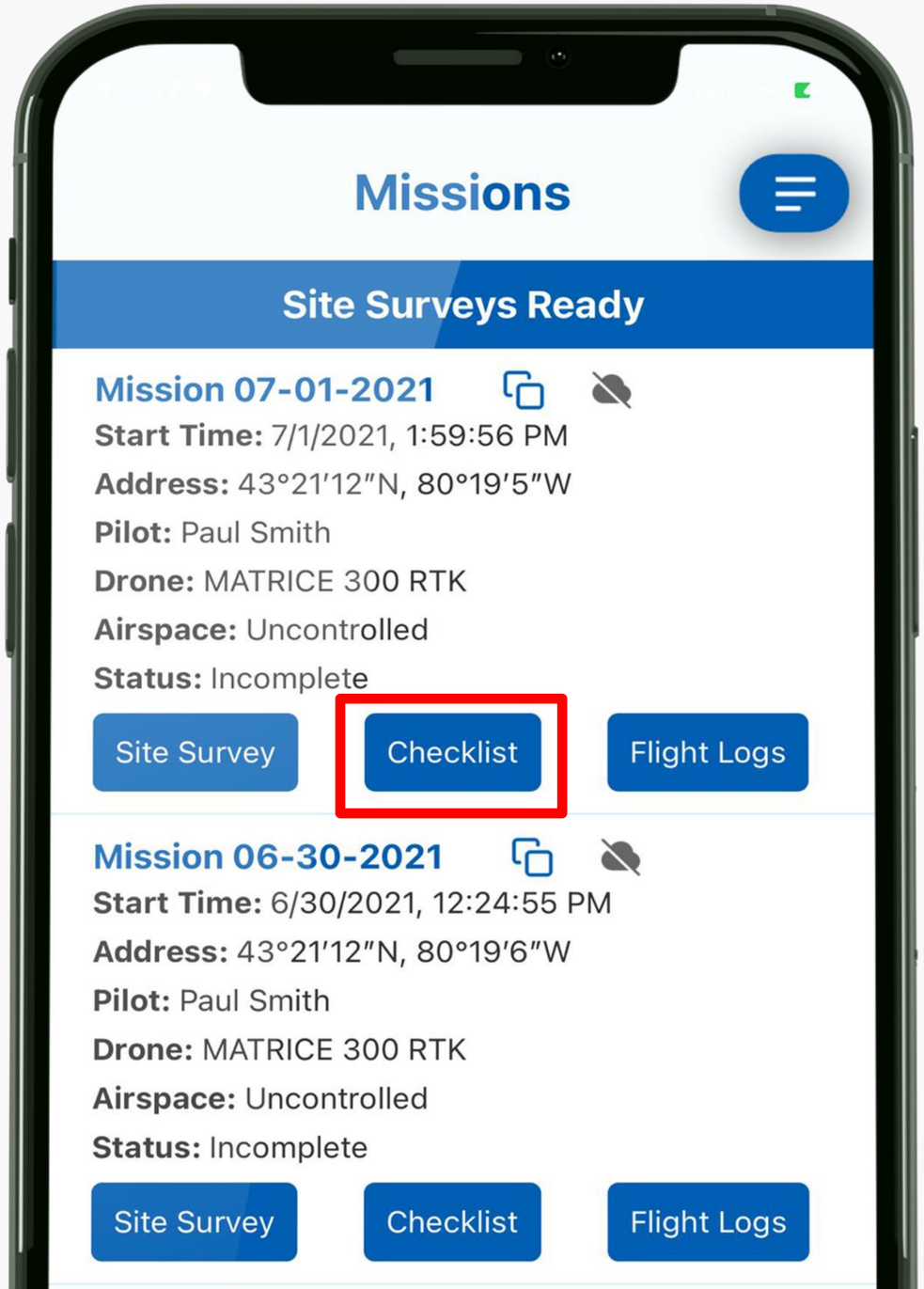


Now that you're done setting up the checklist, let's try one.

Go to Missions.



- **In the Mission page, you can access your operation's site survey, Checklist, and Flight Logs.**
- **Checklist are related to the operation detailed in your site survey**
- **Flight Logs record the time as you complete the checklist.**

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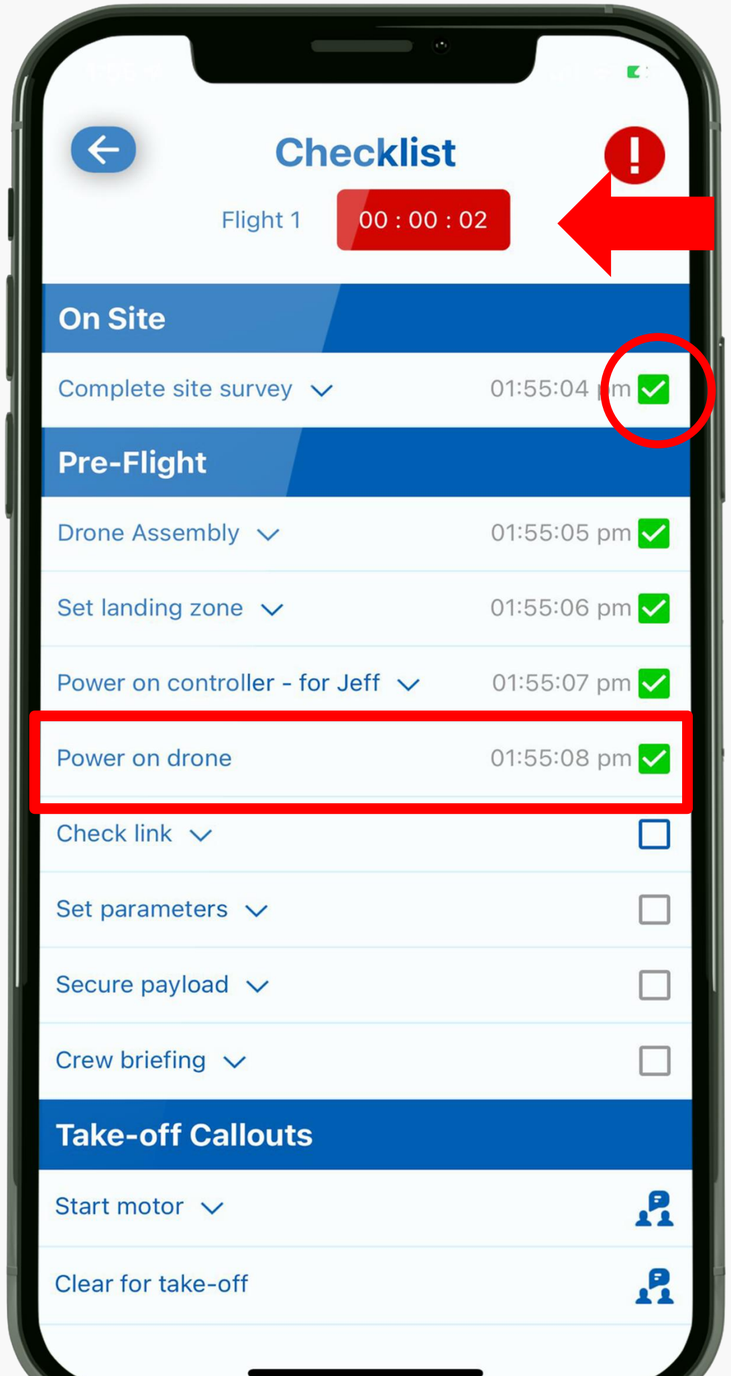
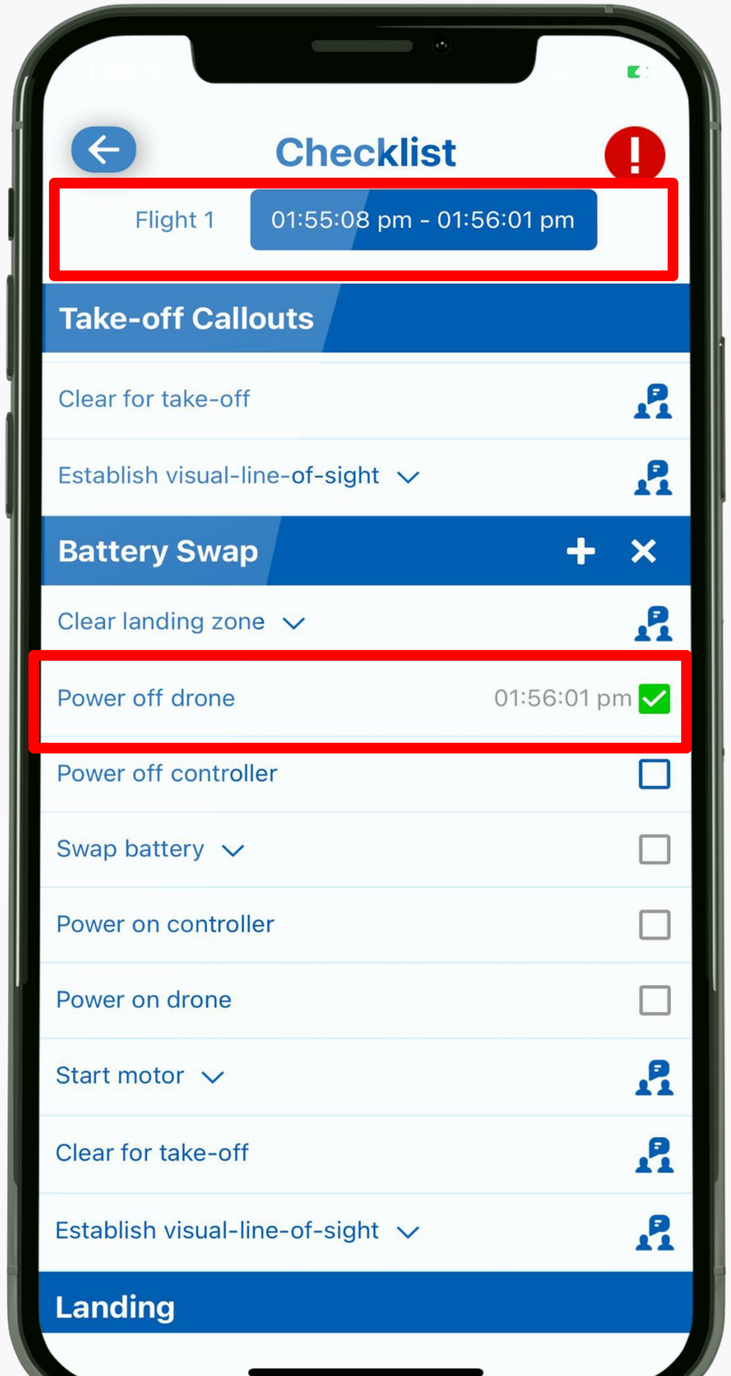


Flight Log Timer

Tap the checkbox as you complete each sub-process. RPAS WILCO will capture the time.

When you “Power on drone”, the timer will begin at the top of the screen.

RPAS WILCO



The Flight Log Timer is stopped.

When you “Power off drone”, the timer will stop.

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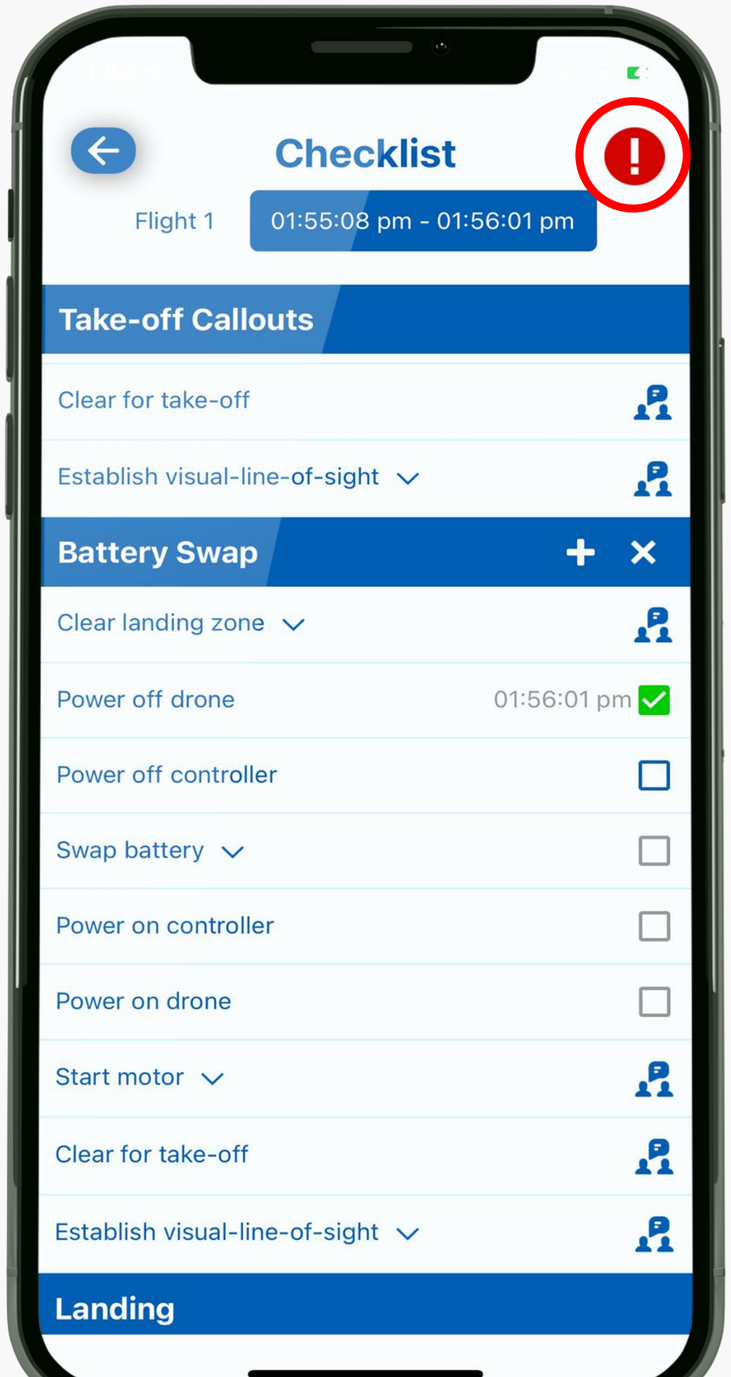

Air Safety Report

- You may encounter an event during your operation that requires you to abort and/or take additional notes.
- Use the Air Safety Report to capture your notes.
- Let’s take a close look at the Air Safety Report.

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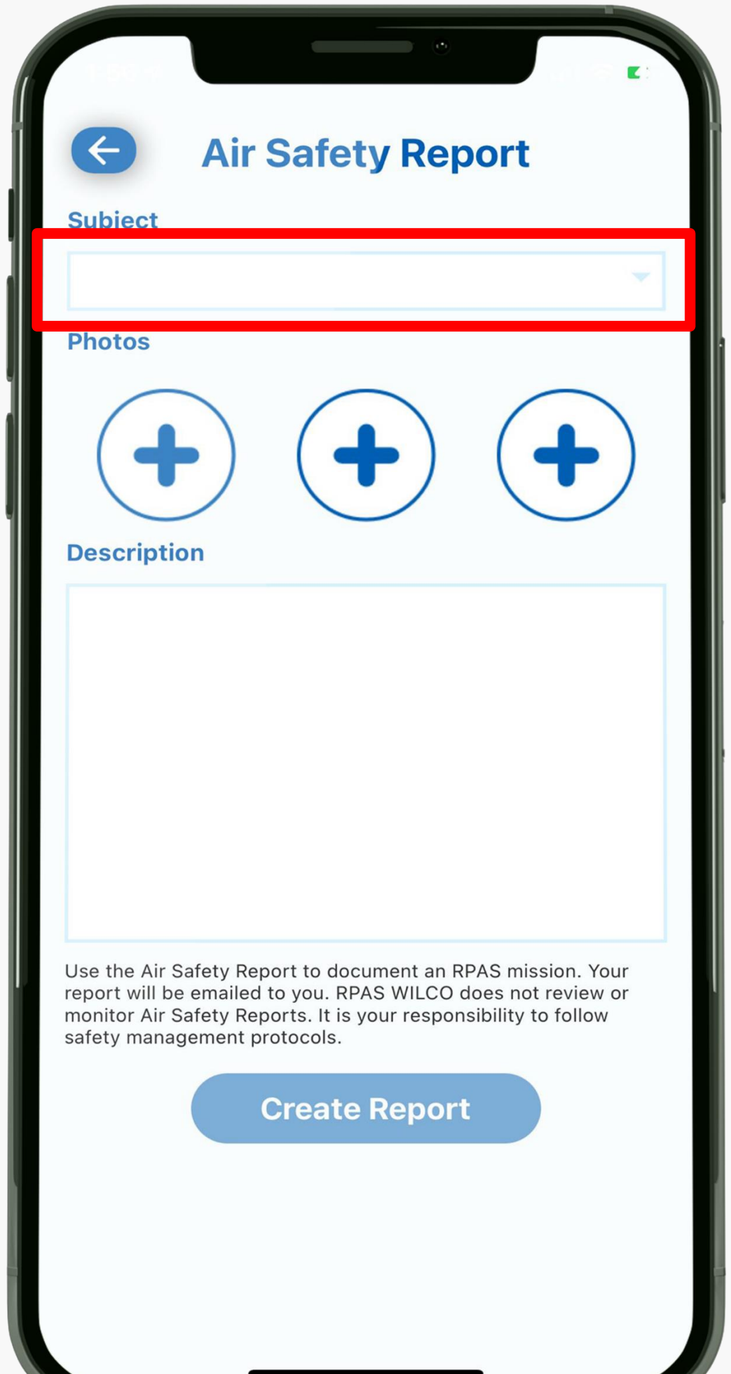

Air Safety Report

- You can choose from 4 types of reports from the subject field:
  1. Elementary Maintenance Record
  2. Maintenance Request
  3. Incident Report
  4. Mission Memo
- You can add a description and attach photos for any type of report.

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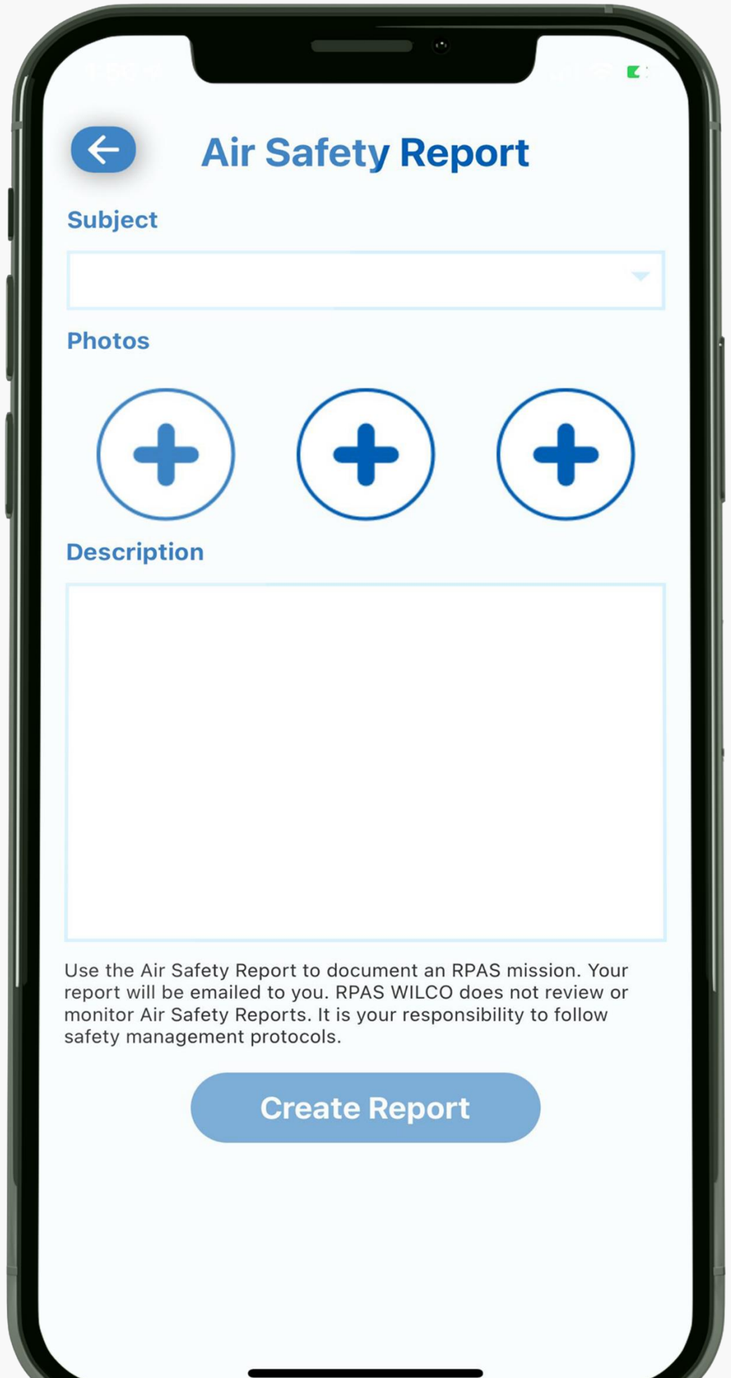
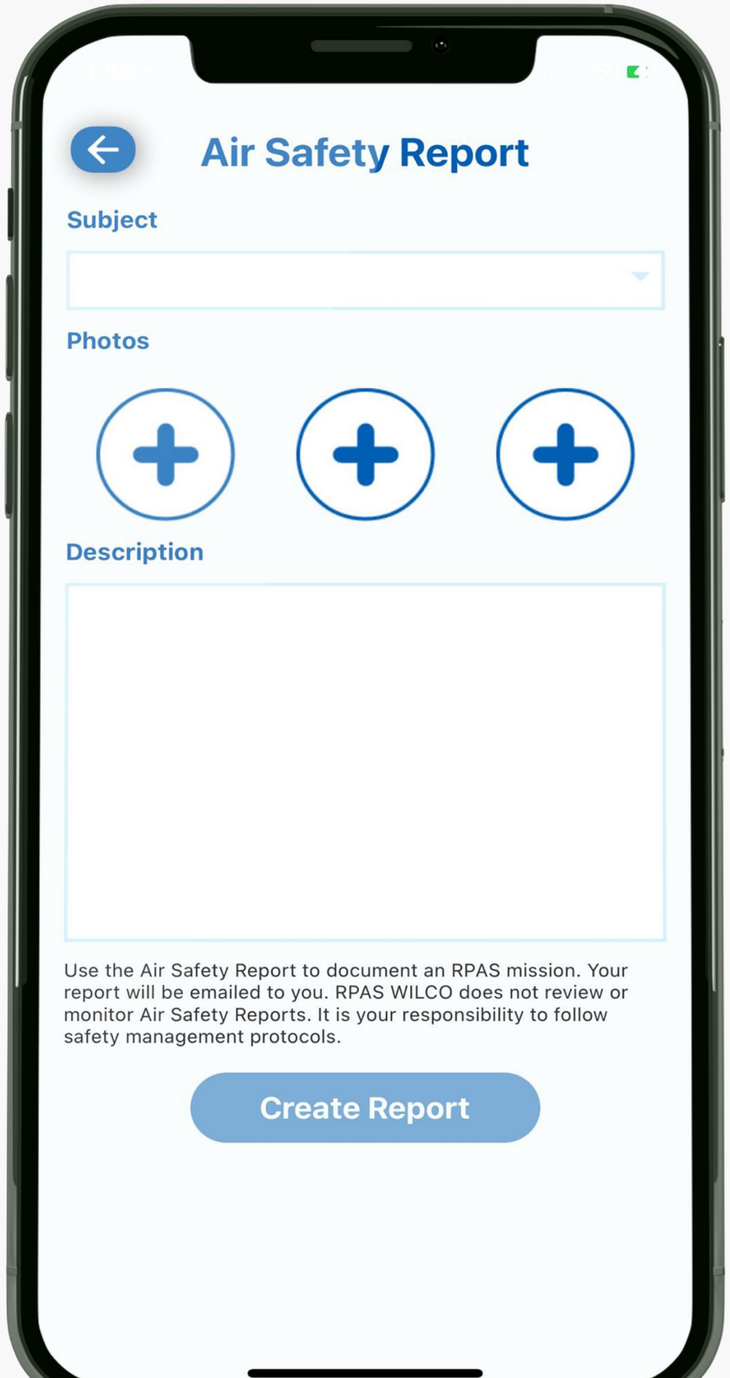


Air Safety Report

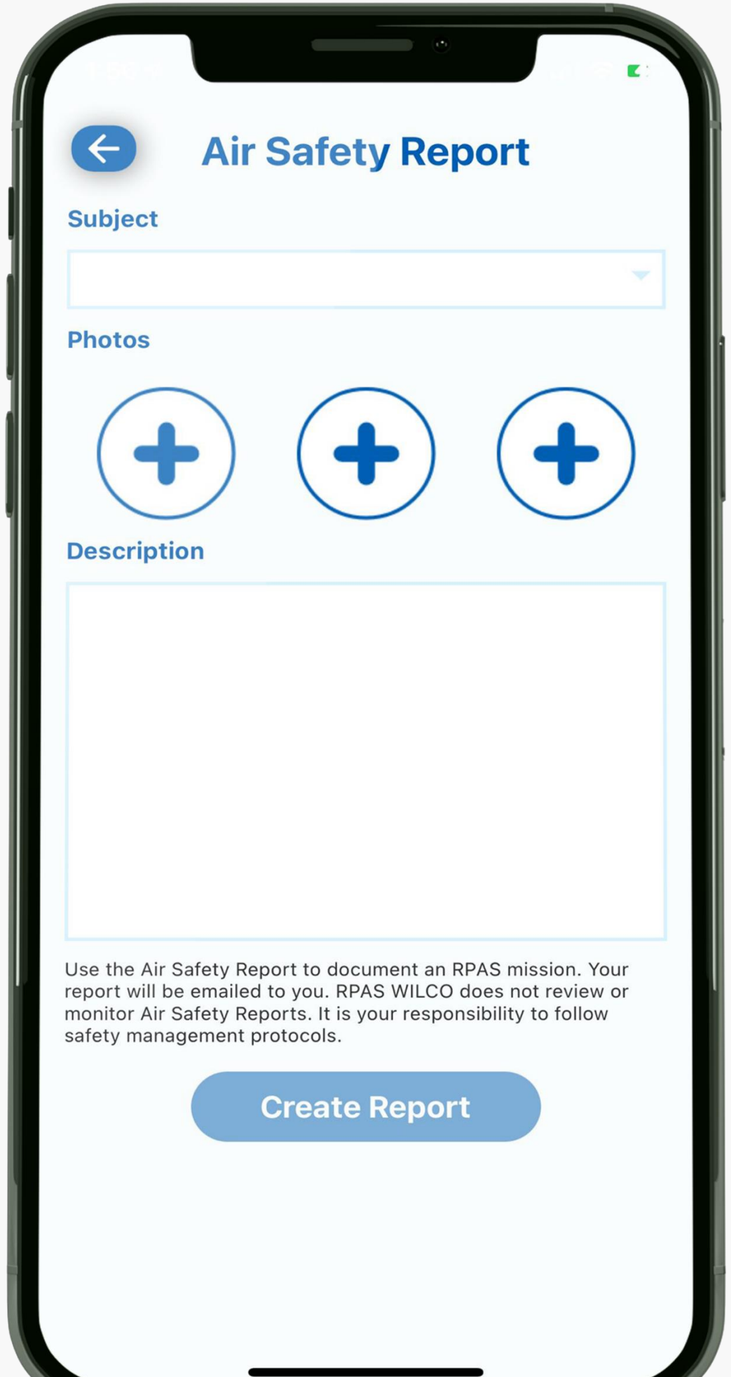
- Elementary Maintenance Record is used to record minor maintenance items.
- Mission Memo is used to record notes during or after the operation.
- These two types of reports will not abort the mission.



Air Safety Report

- Incident report is used to report an incident or accident.
- This report will abort your mission.
- Admins of enterprise or small business teams will be automatically notified of aborted missions by their team.

RPAS WILCO



Air Safety Report

- Maintenance Request is used to record major maintenance requirements that may jeopardize your operation.
- This report will abort your mission.
- Admins of enterprise or small business teams will be automatically notified of aborted missions by their team.

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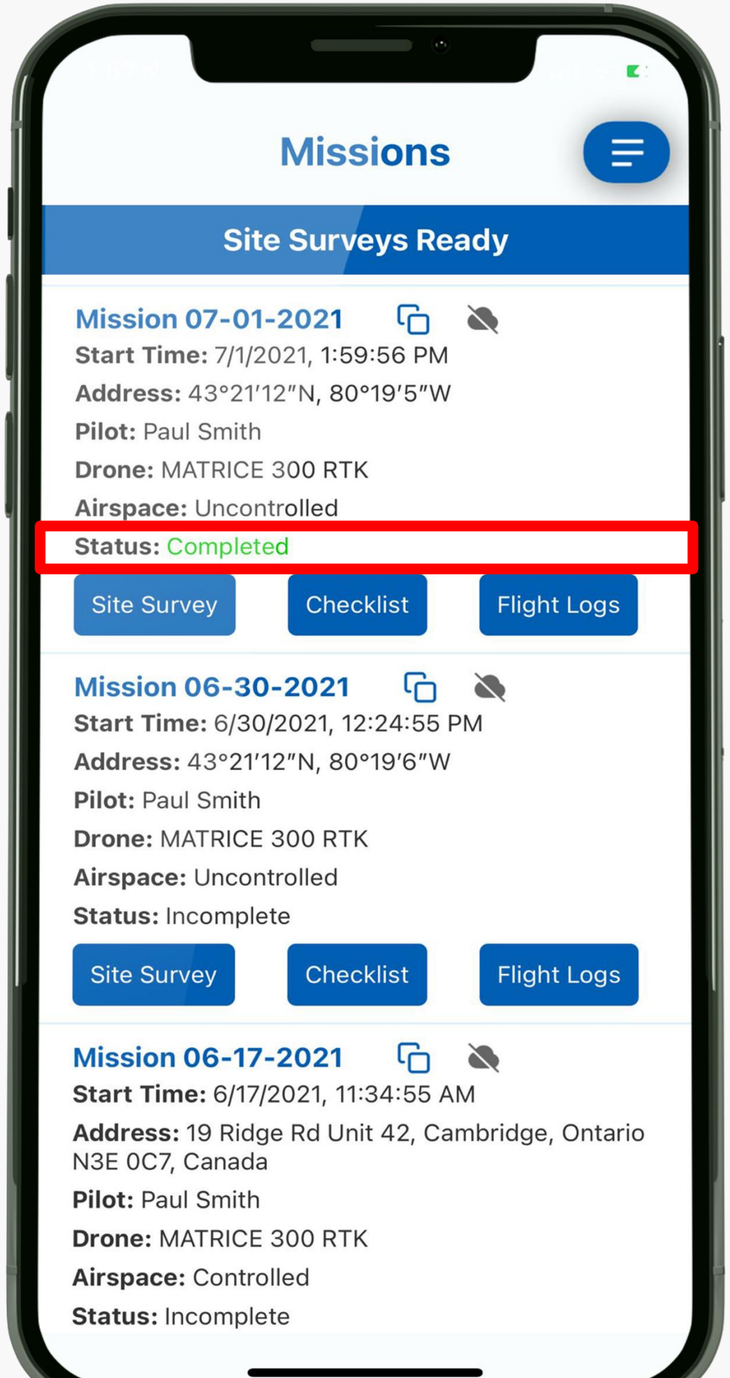

- When you complete a checklist, the status will change to “Completed”.
- When you abort, the status will change to “Aborted”.
- Now you know how to use checklists in RPAS WILCO.

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