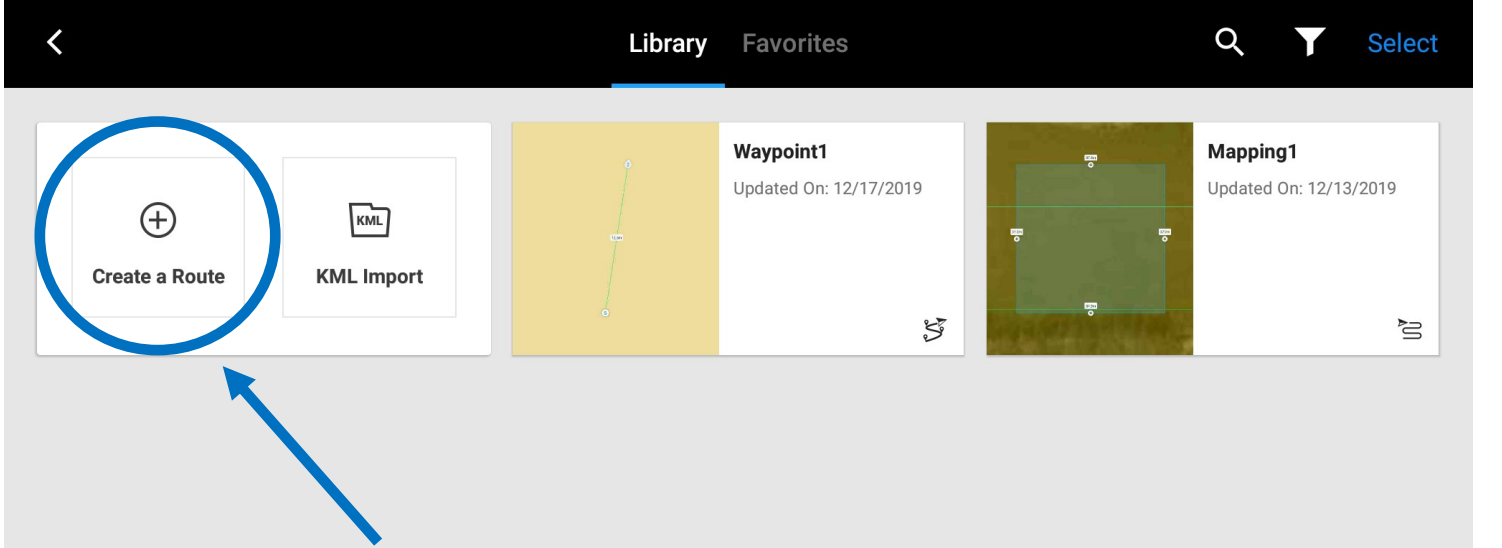
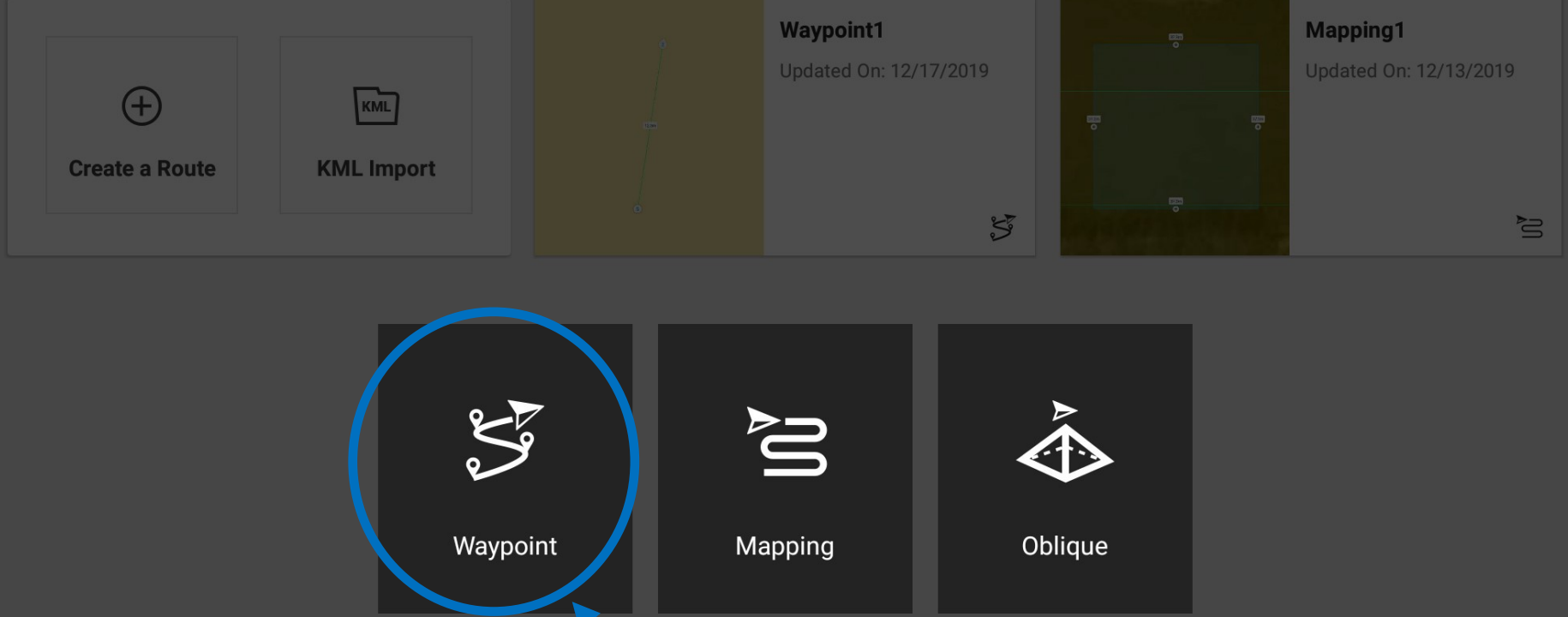
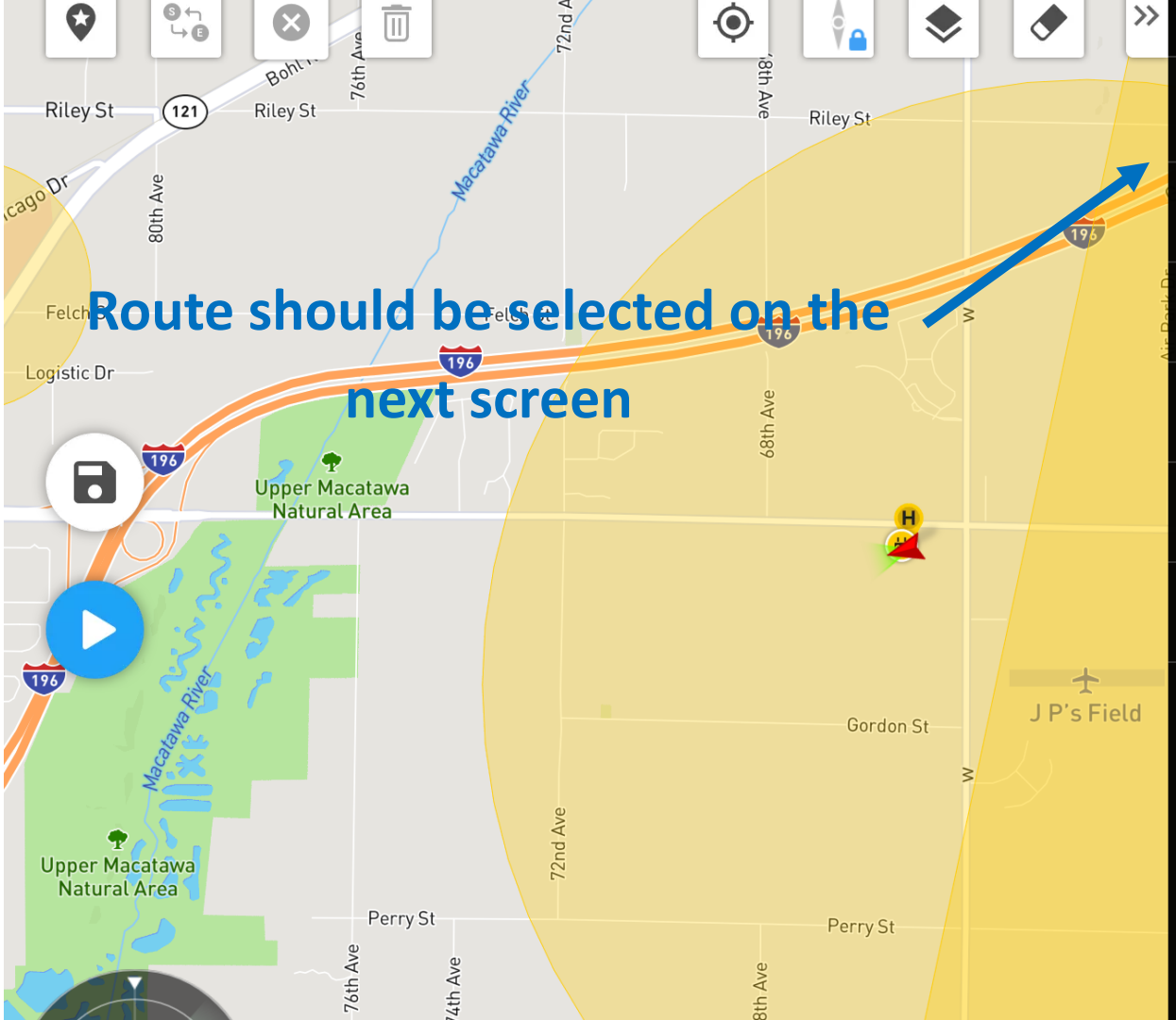


Select “Create a Route” to begin


Create a Route
KML Import
Waypoint1
Updated On: 12/17/2019
Mapping1
Updated On: 12/13/2019
Waypoint
Mapping
Oblique
For this demonstration, select
“Waypoint”



Waypoint2

Route | Waypoints

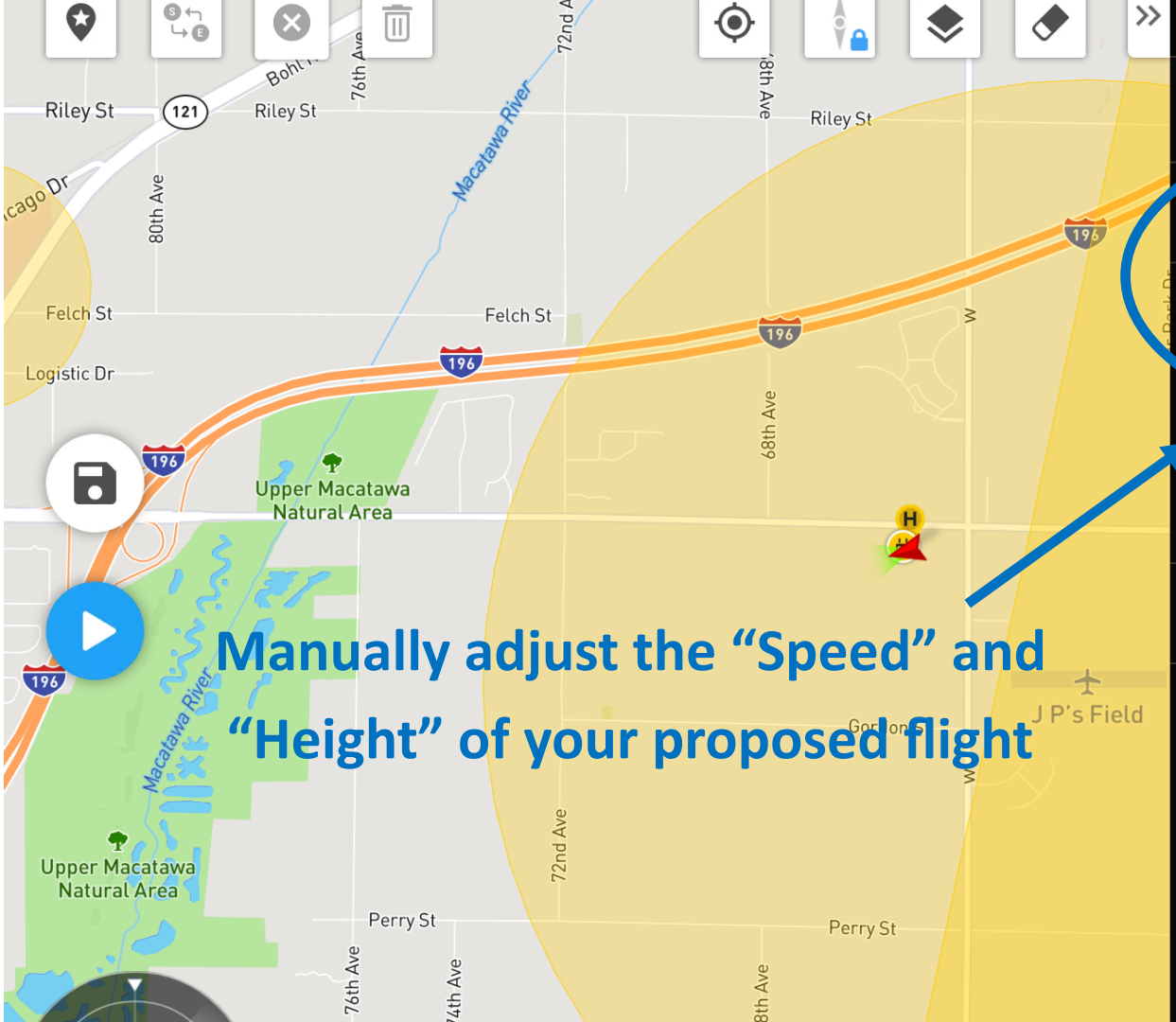
Speed — 5 m/s +

Height — 50 m +

Drone Yaw: Along the Route

Gimbal Control: Set Each Waypoint

Completion: Return To Home



Manually adjust the "Speed" and "Height" of your proposed flight

Waypoint2

Route | Waypoints

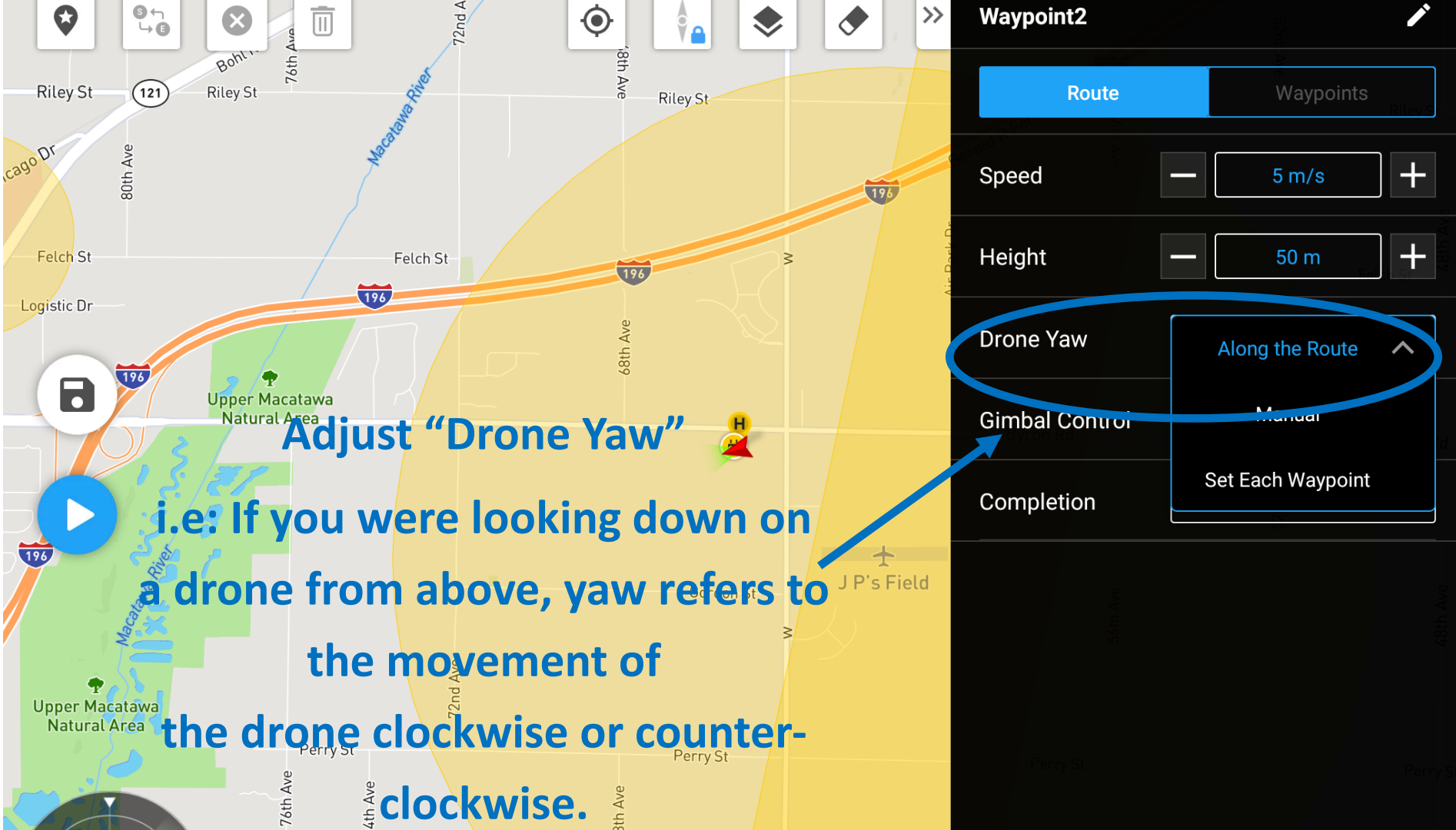
Speed — 5 m/s +

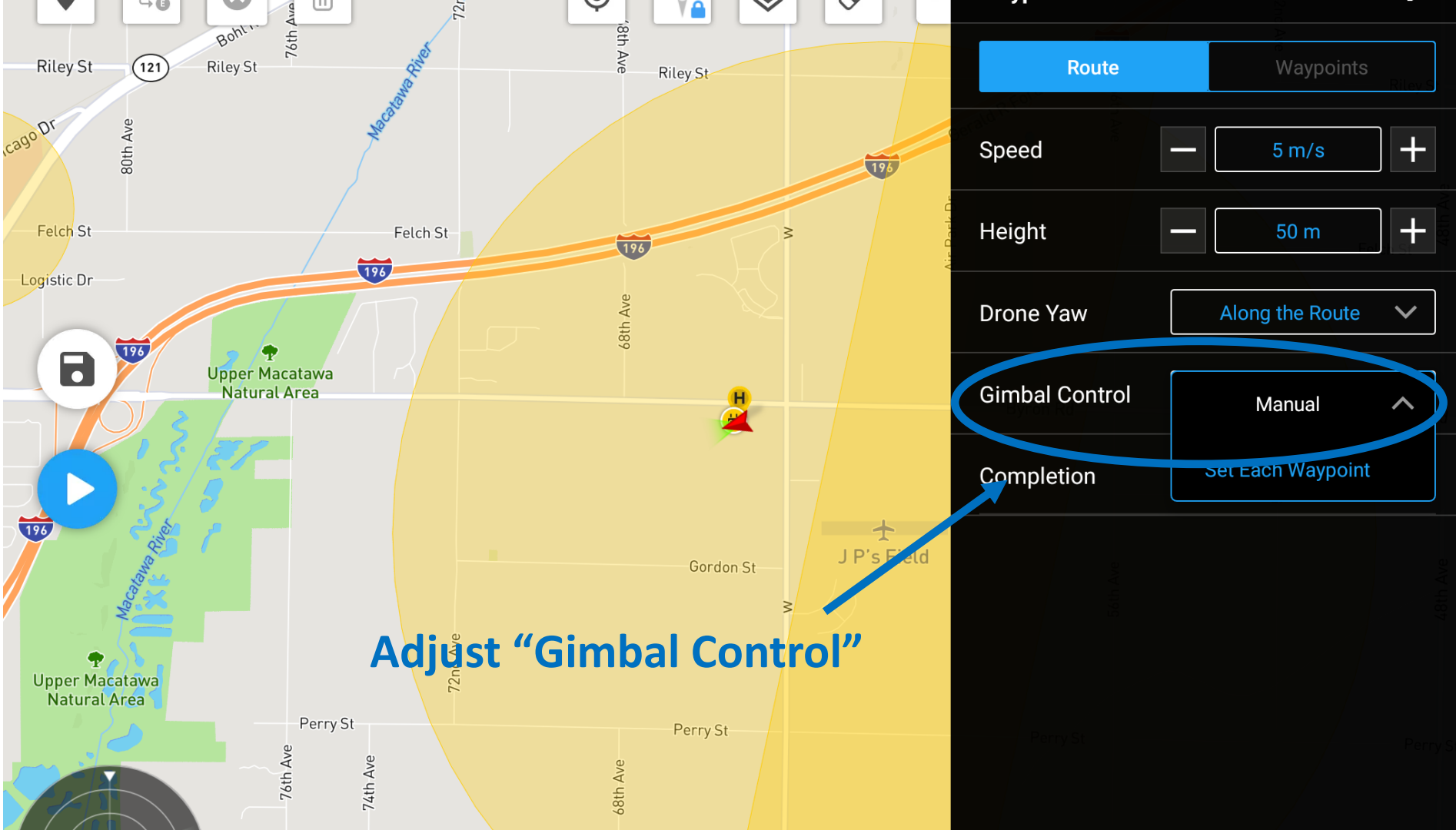
Height — 50 m +

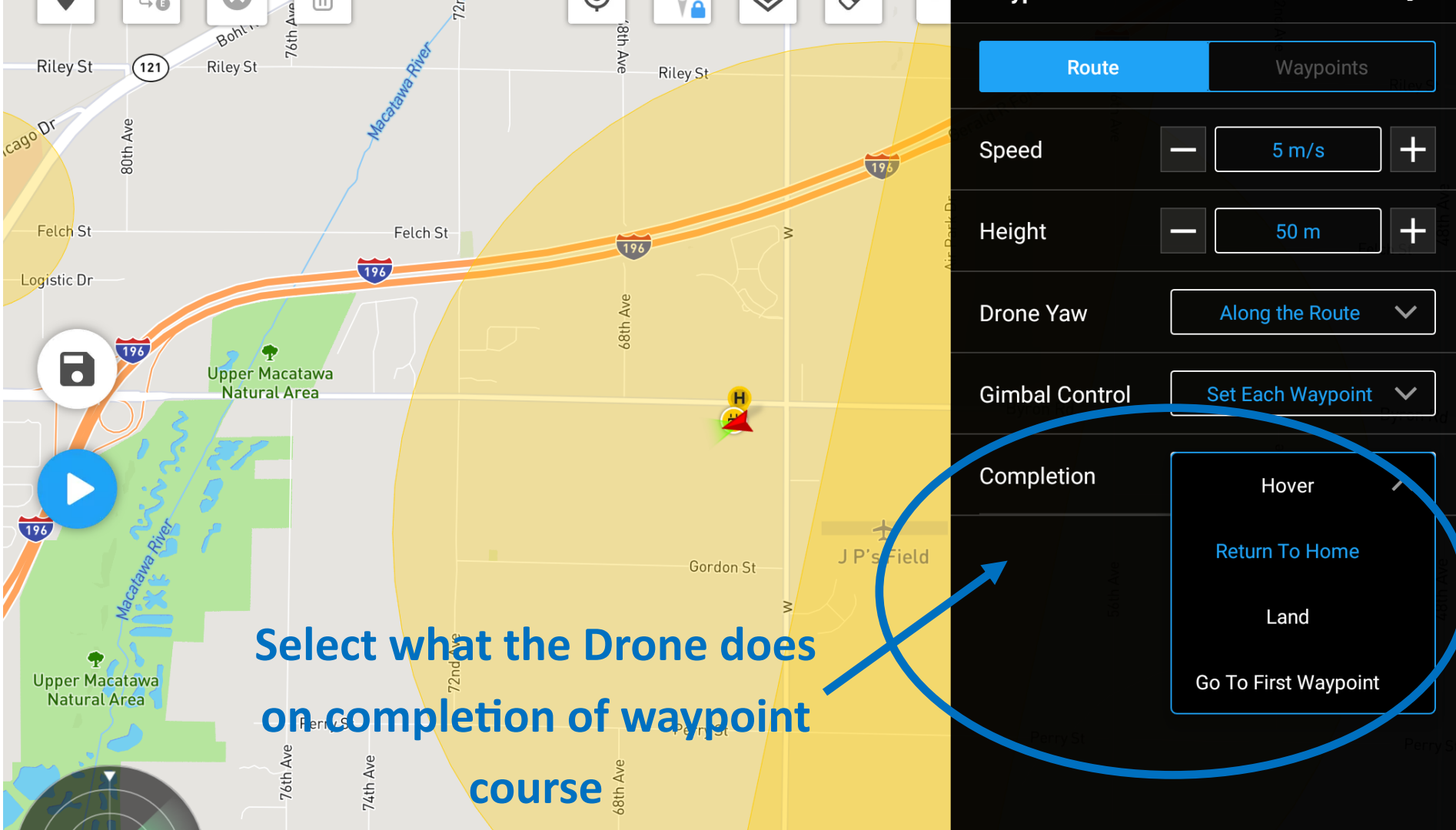
Drone Yaw: Along the Route

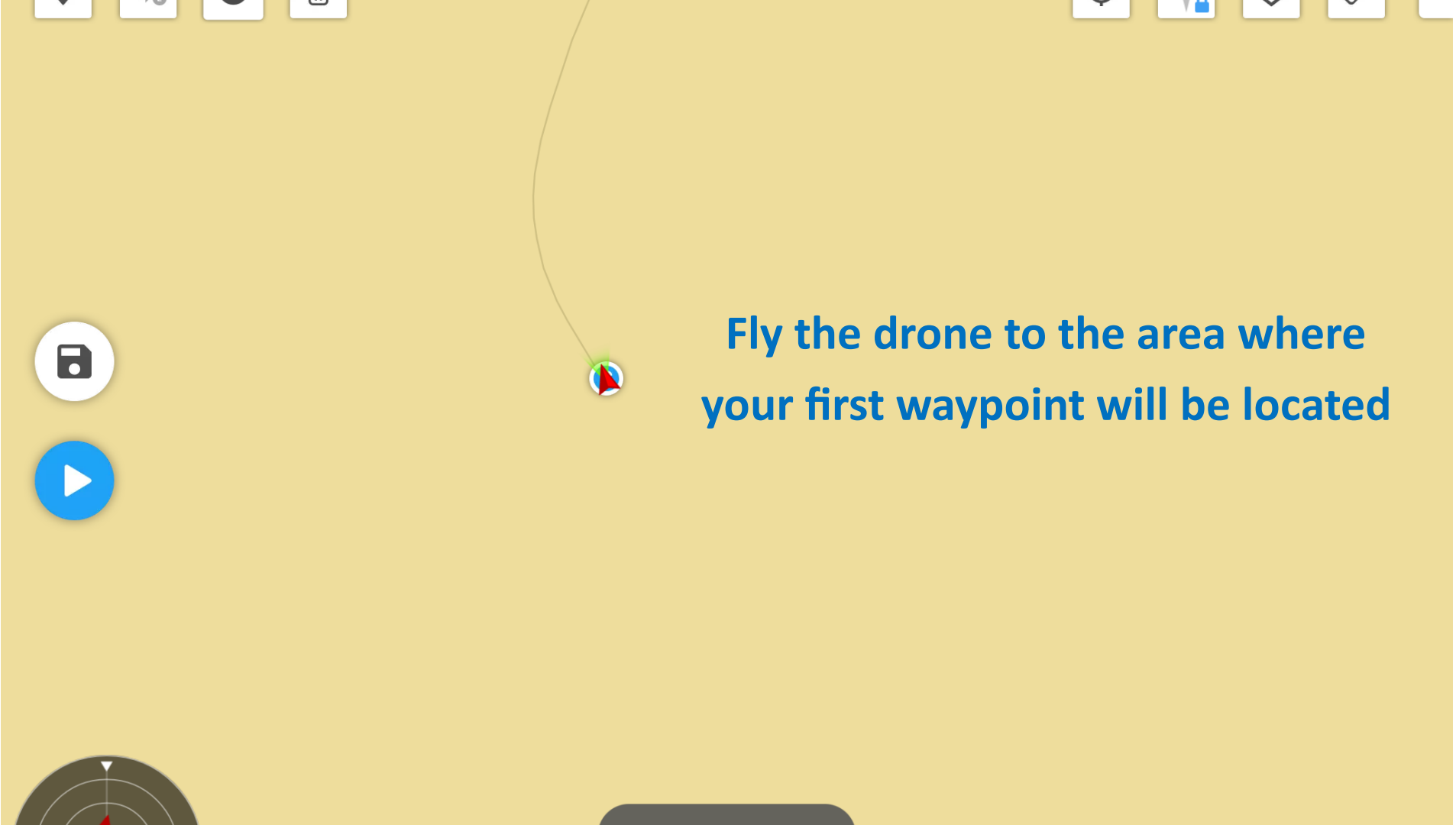
Gimbal Control: Set Each Waypoint

Completion: Return To Home

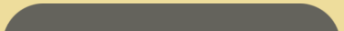

Waypoint2
Route
Waypoints
Speed
5 m/s
Height
50 m
Drone Yaw
Along the Route
Gimbal Control
Manual
Set Each Waypoint
Completion
Adjust “Drone Yaw”
i.e: If you were looking down on a drone from above, yaw refers to the movement of the drone clockwise or counter-clockwise.
Riley St
Felch St
Logistic Dr
Macatawa River
Upper Macatawa Natural Area
Perry St
J P's Field
80th Ave
76th Ave
72nd Ave
68th Ave
196
121


Route
Waypoints
Speed
5 m/s
Height
50 m
Drone Yaw
Along the Route
Gimbal Control
Manual
Completion
Set Each Waypoint
Adjust “Gimbal Control”
Riley St
Felch St
Logistic Dr
Gordon St
Perry St
Macatawa River
Upper Macatawa Natural Area
J P's Field
80th Ave
76th Ave
74th Ave
72nd Ave
68th Ave
48th Ave
121
196


Route
Waypoints
Speed
5 m/s
Height
50 m
Drone Yaw
Along the Route
Gimbal Control
Set Each Waypoint
Completion
Hover
Return To Home
Land
Go To First Waypoint
Select what the Drone does on completion of waypoint course
Riley St
Felch St
Logistic Dr
Gordon St
Upper Macatawa Natural Area
Macatawa River
80th Ave
68th Ave
76th Ave
74th Ave
72nd Ave
J P's Field
Perry St

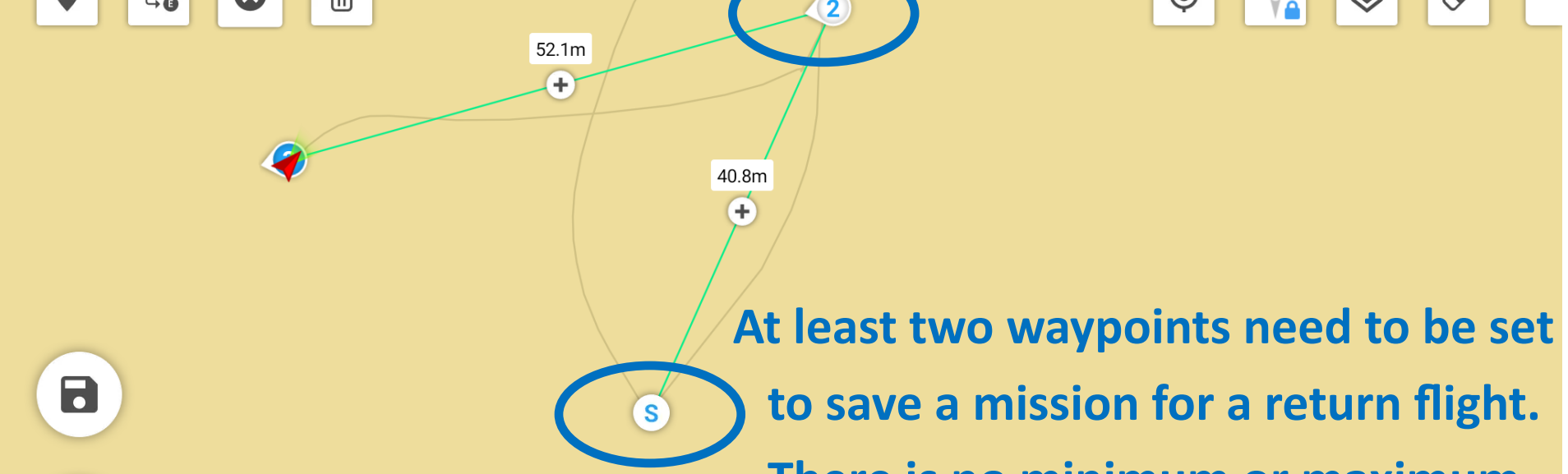

Fly the drone to the area where
your first waypoint will be located

Press the “C1” button (bottom-left side of the controller) to set your first waypoint. By hitting the “C2” button (bottom-right side) you can delete a previously placed way-point.

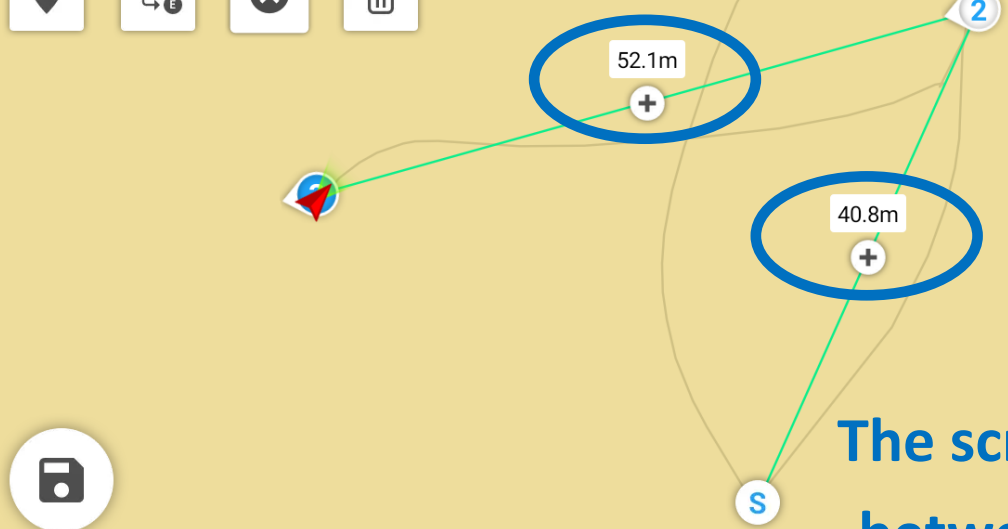


“C2” button

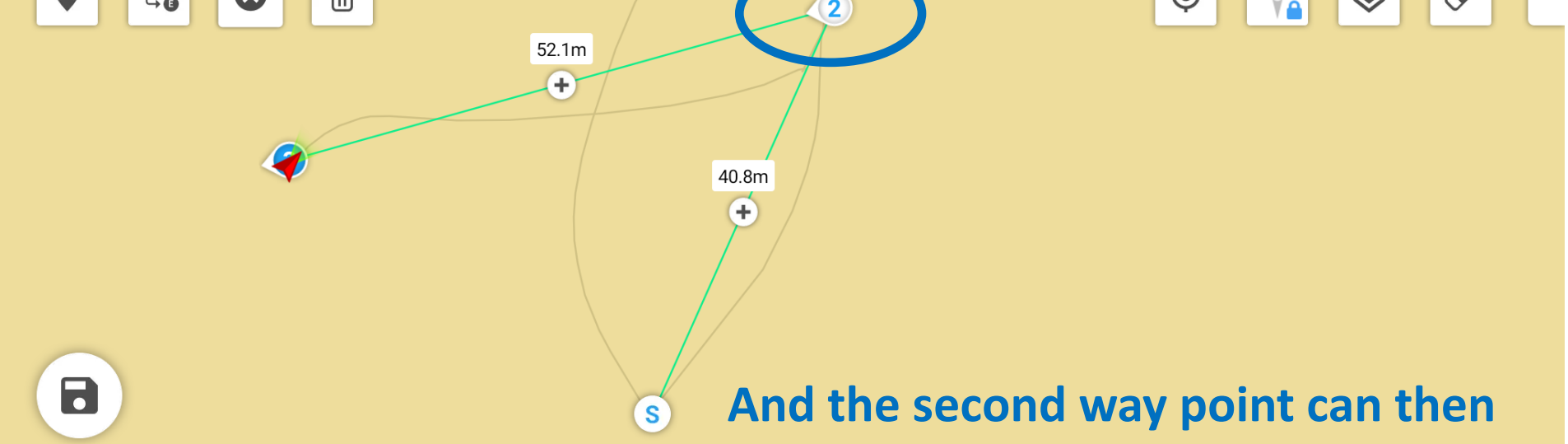
“C1” button



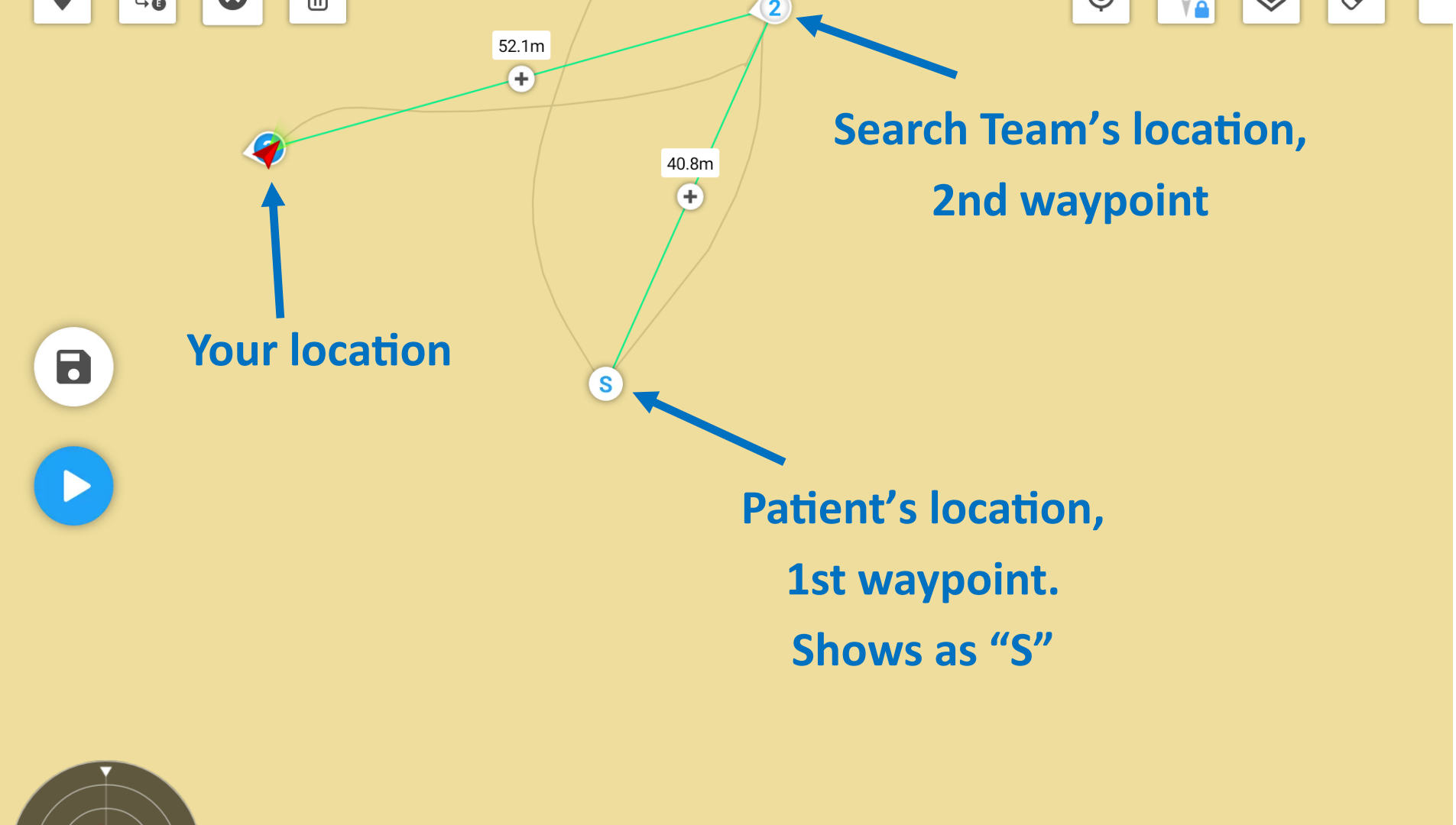
At least two waypoints need to be set to save a mission for a return flight. There is no minimum or maximum distance needed from the previous waypoint.

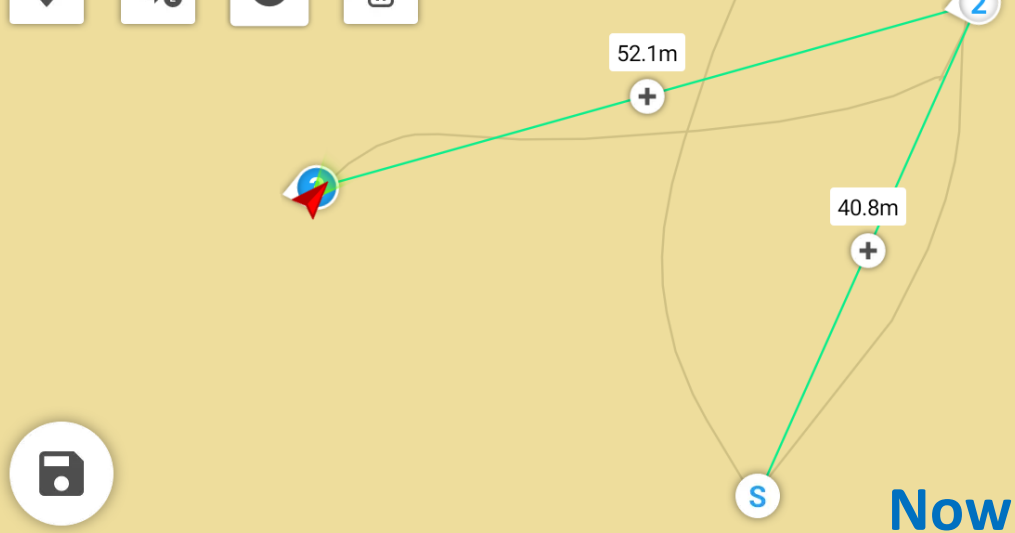


The screen will show you the distance between the two waypoints. A good suggestion would be to set your first waypoint at the subject or location you would like to autonomously fly back too.

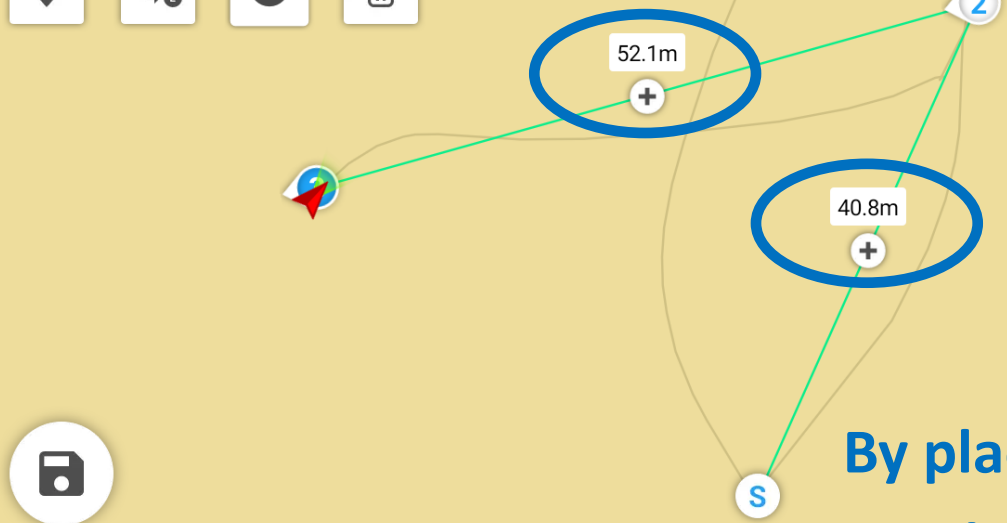


And the second way point can then be set to your home-point, or your Search teams current position

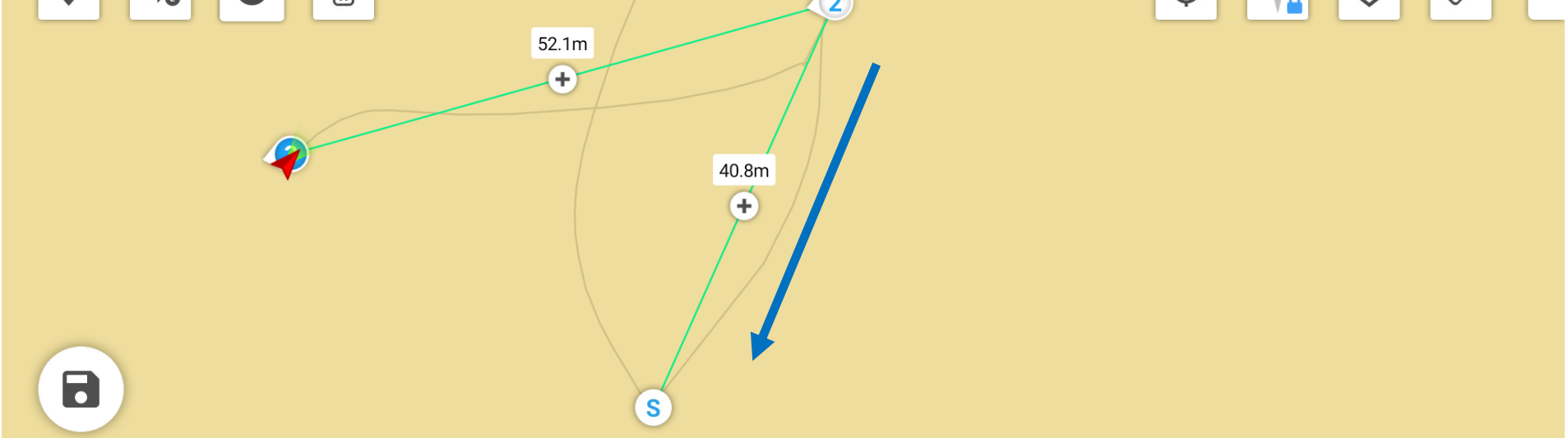

52.1m
40.8m
2
S
Search Team's location,
2nd waypoint
Your location
Patient's location,
1st waypoint.
Shows as "S"



Now that all three points are marked, you can see the distance between the patient location and your search team's location, and also to your location.

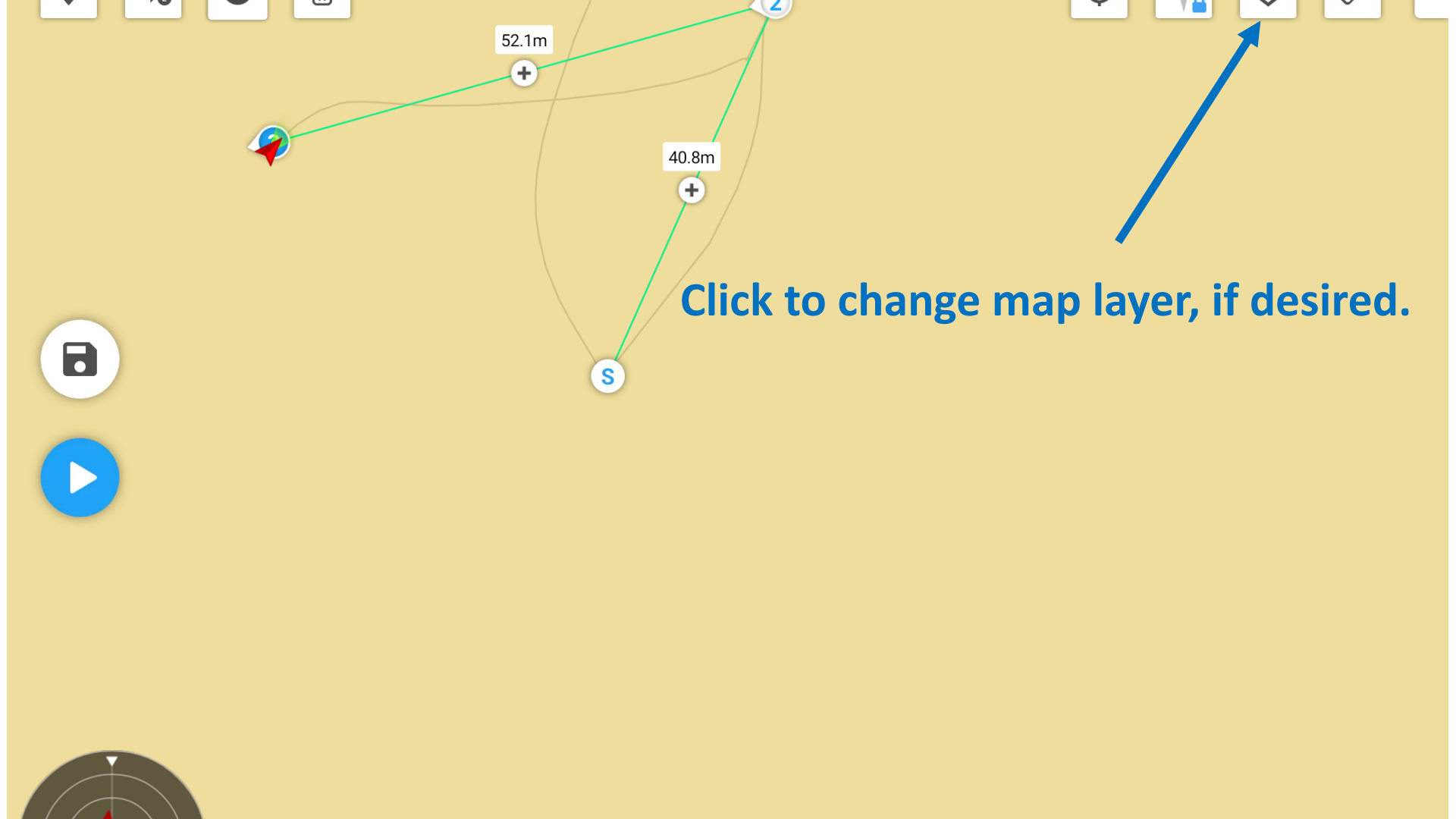


By placing the third waypoint above your location, you can now save your waypoint mission and you can land, swap batteries, and then launch and fly back to the patient or to the search team.

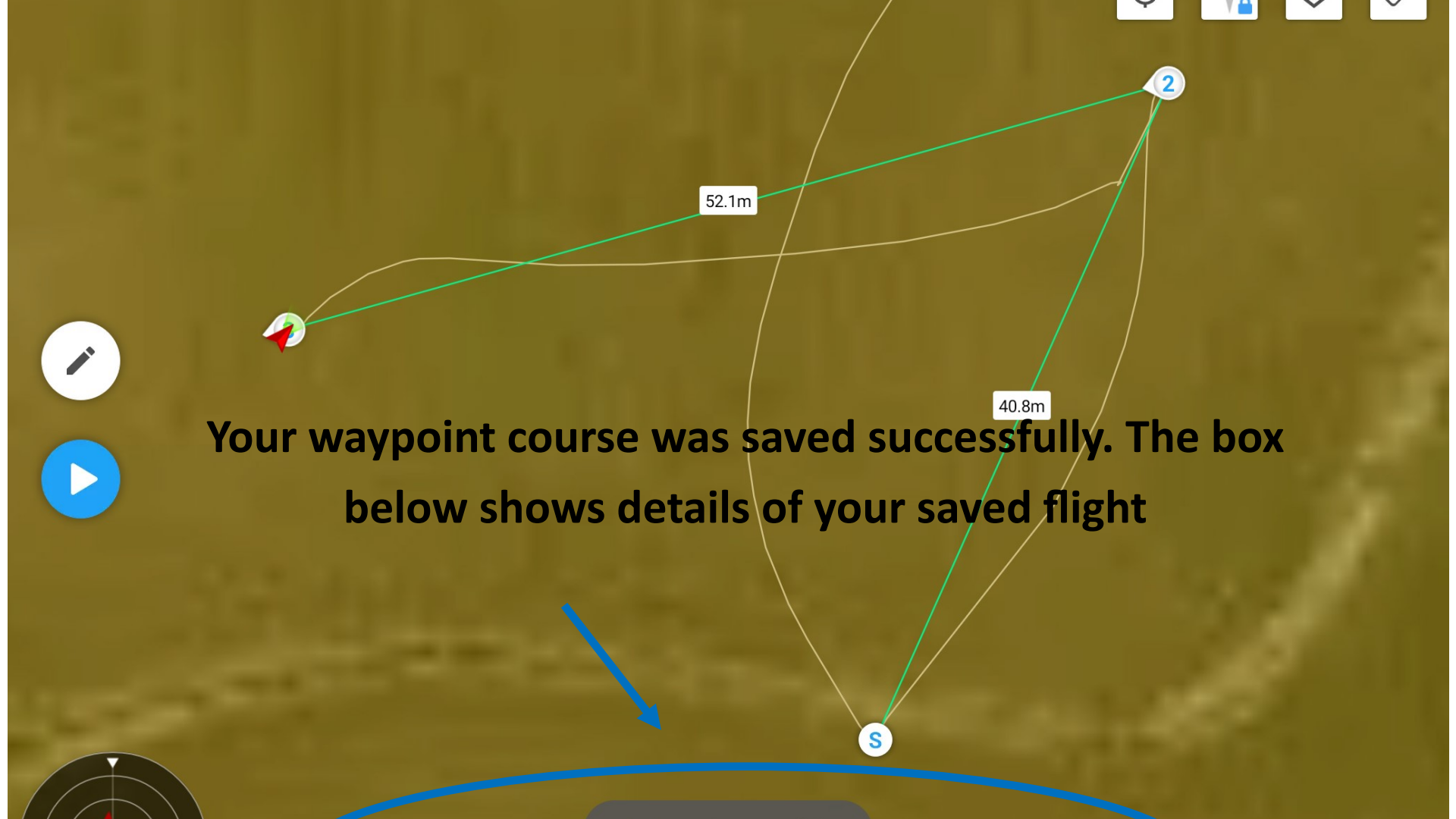


The search team at waypoint 2 can follow the drone as it fly's back to the patient at the 1st waypoint.

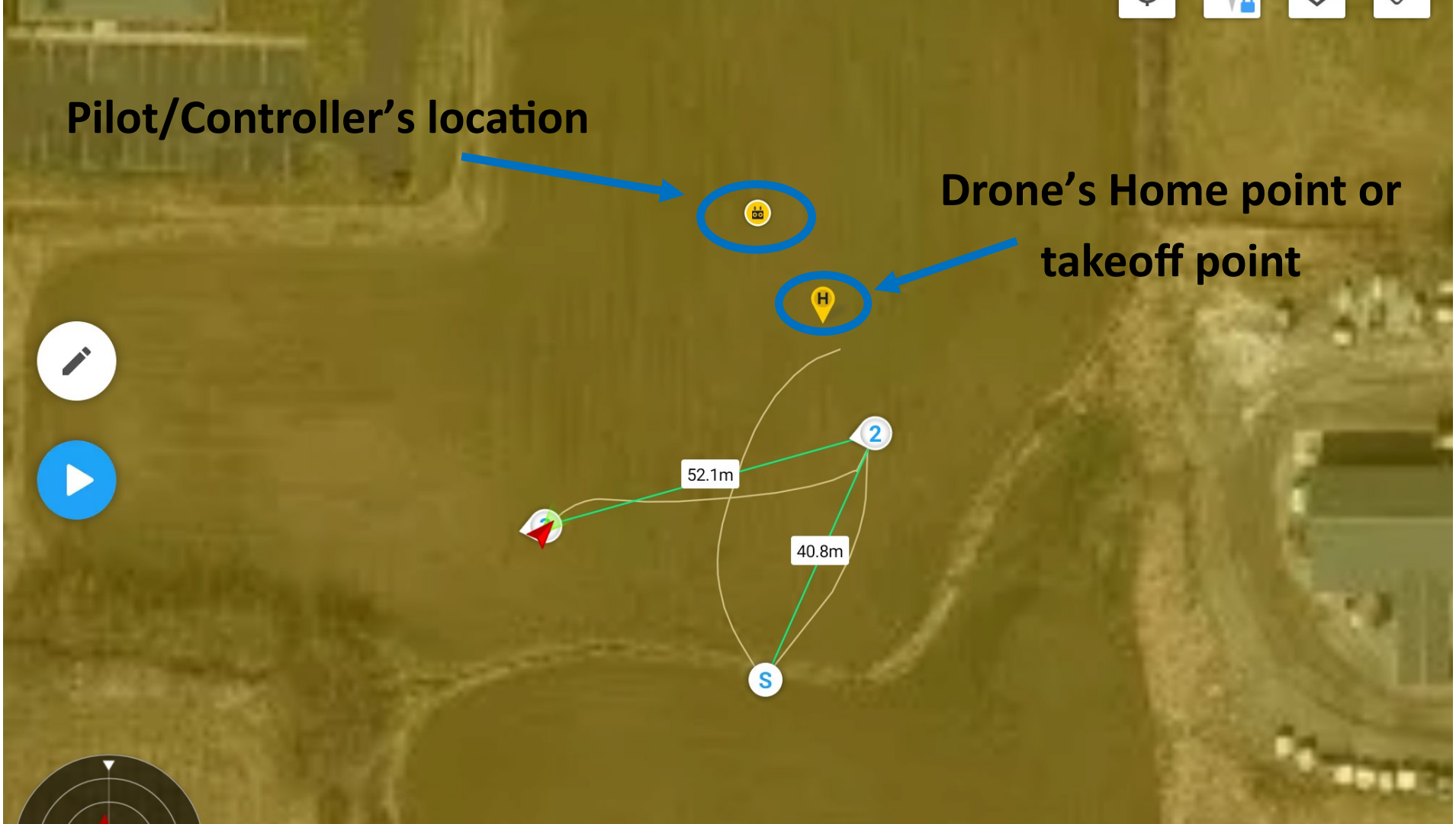
You can adjust the speed of the drone so it’s easier to follow

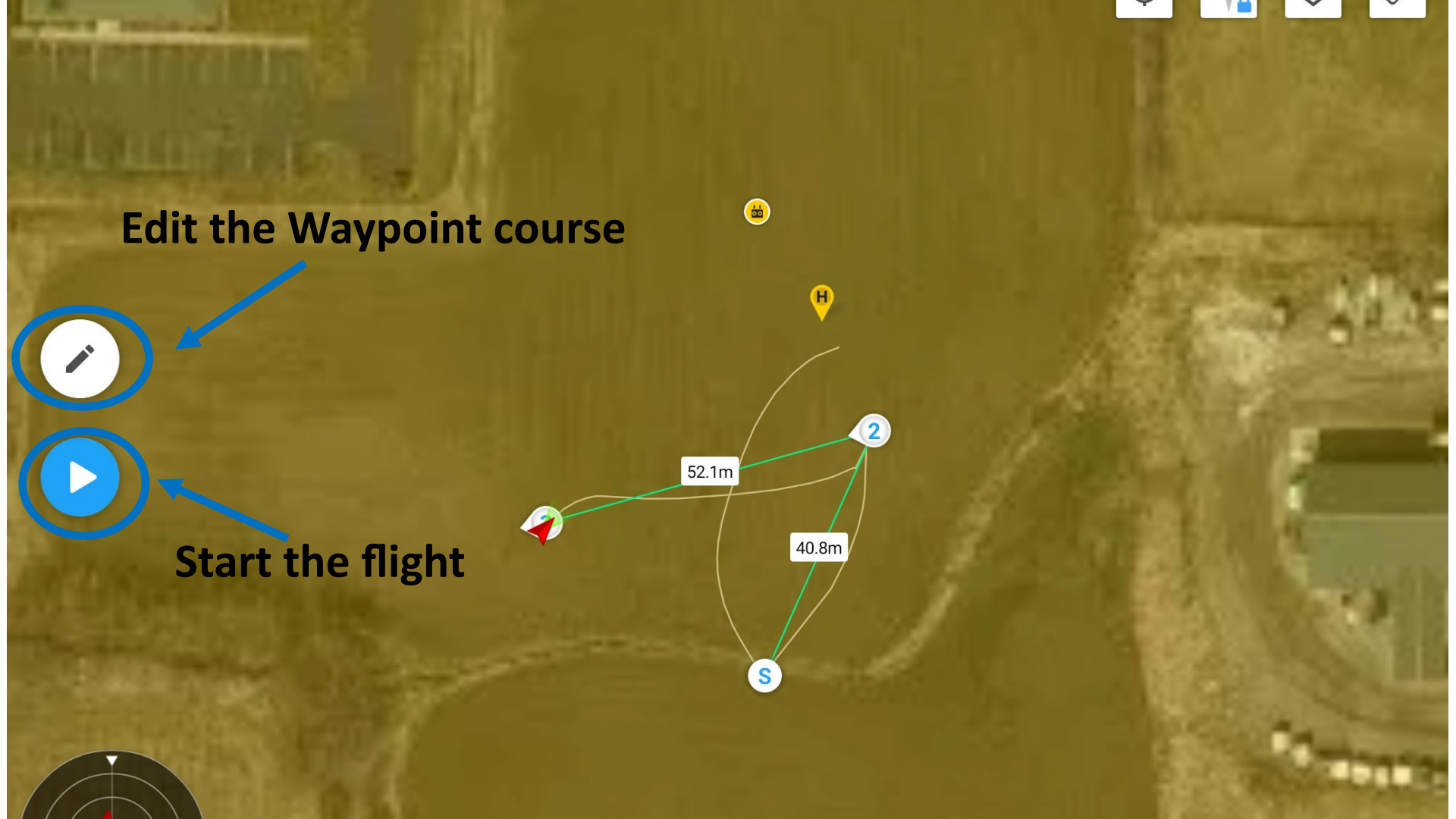

52.1m
40.8m
S
Click to change map layer, if desired.

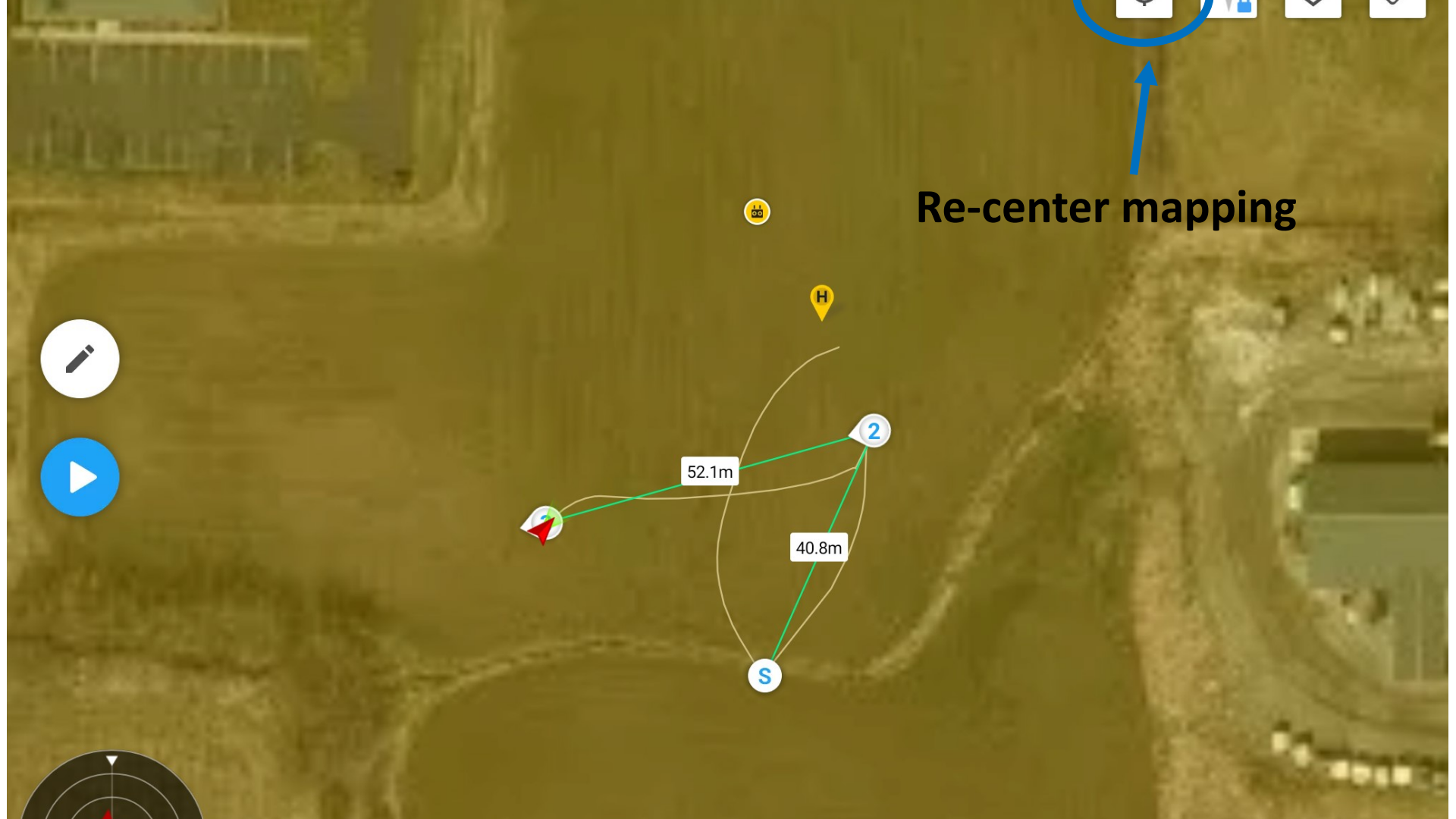
52.1m
40.8m
S
Click this button to save the mission

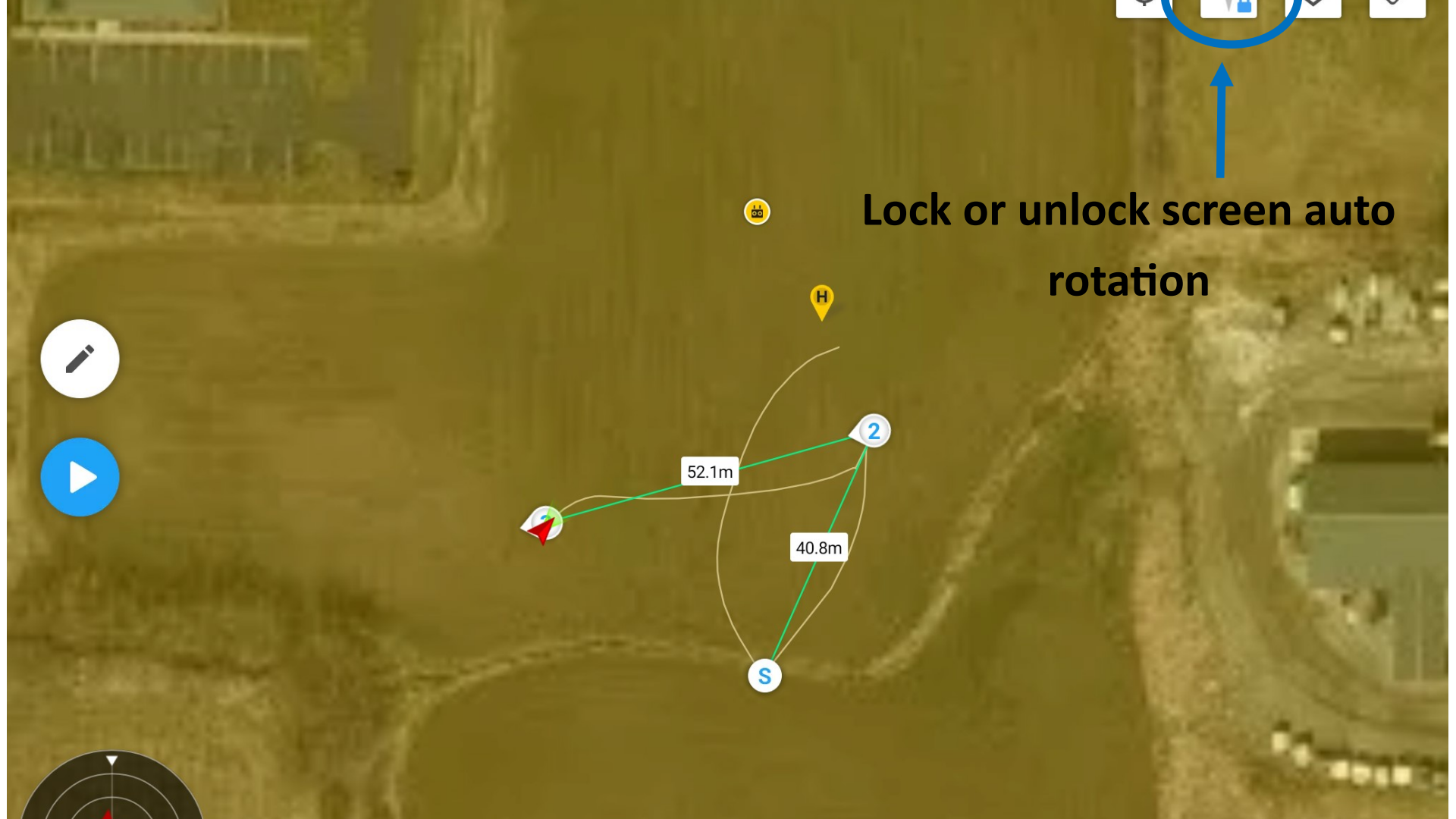


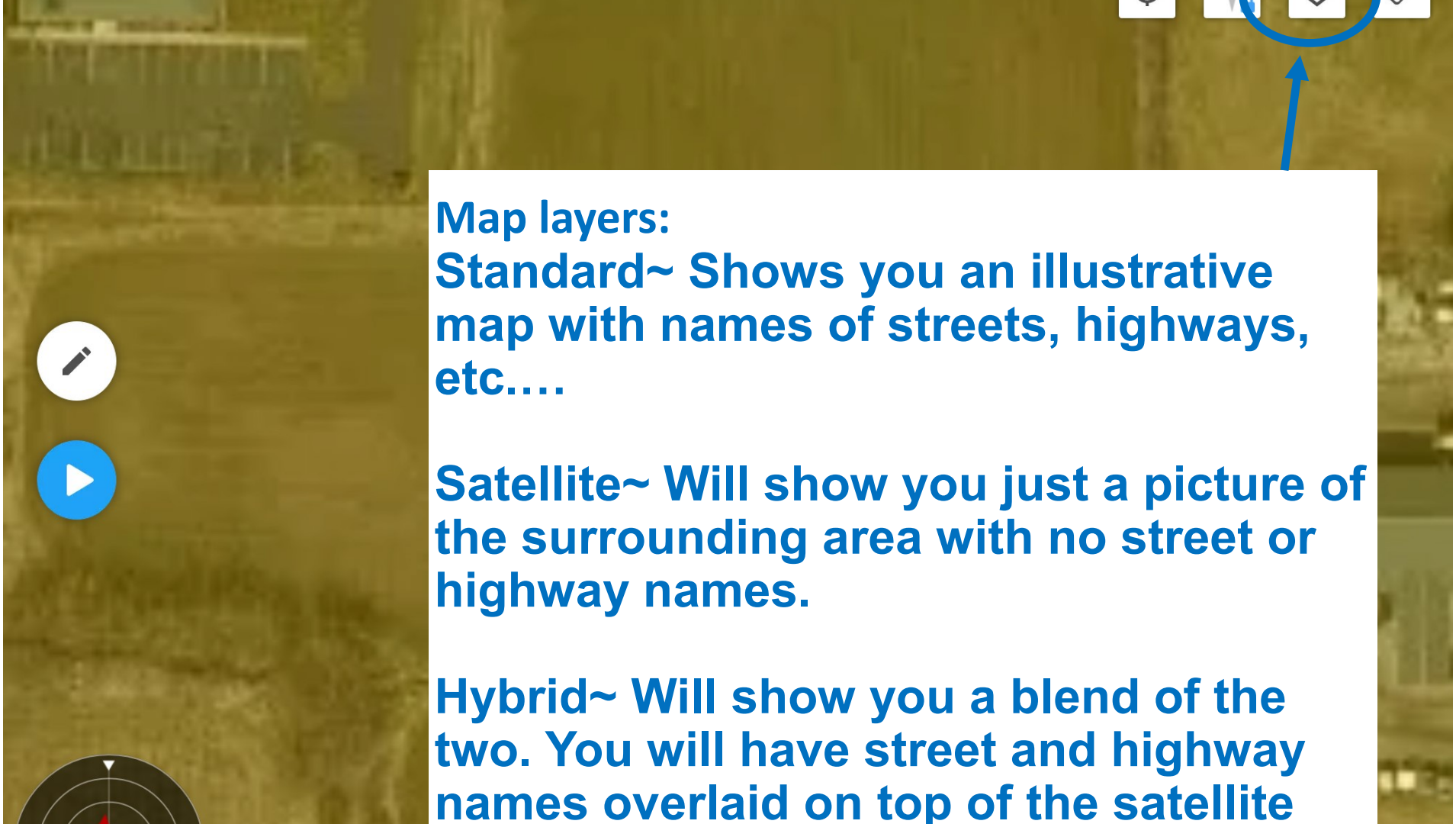
Your waypoint course was saved successfully. The box below shows details of your saved flight


Pilot/Controller’s location
Drone’s Home point or takeoff point
H
2
52.1m
40.8m
S


Edit the Waypoint course
Start the flight
H
2
52.1m
40.8m
S


Re-center mapping
H
2
52.1m
40.8m
S


Lock or unlock screen auto rotation
H
2
52.1m
40.8m
S

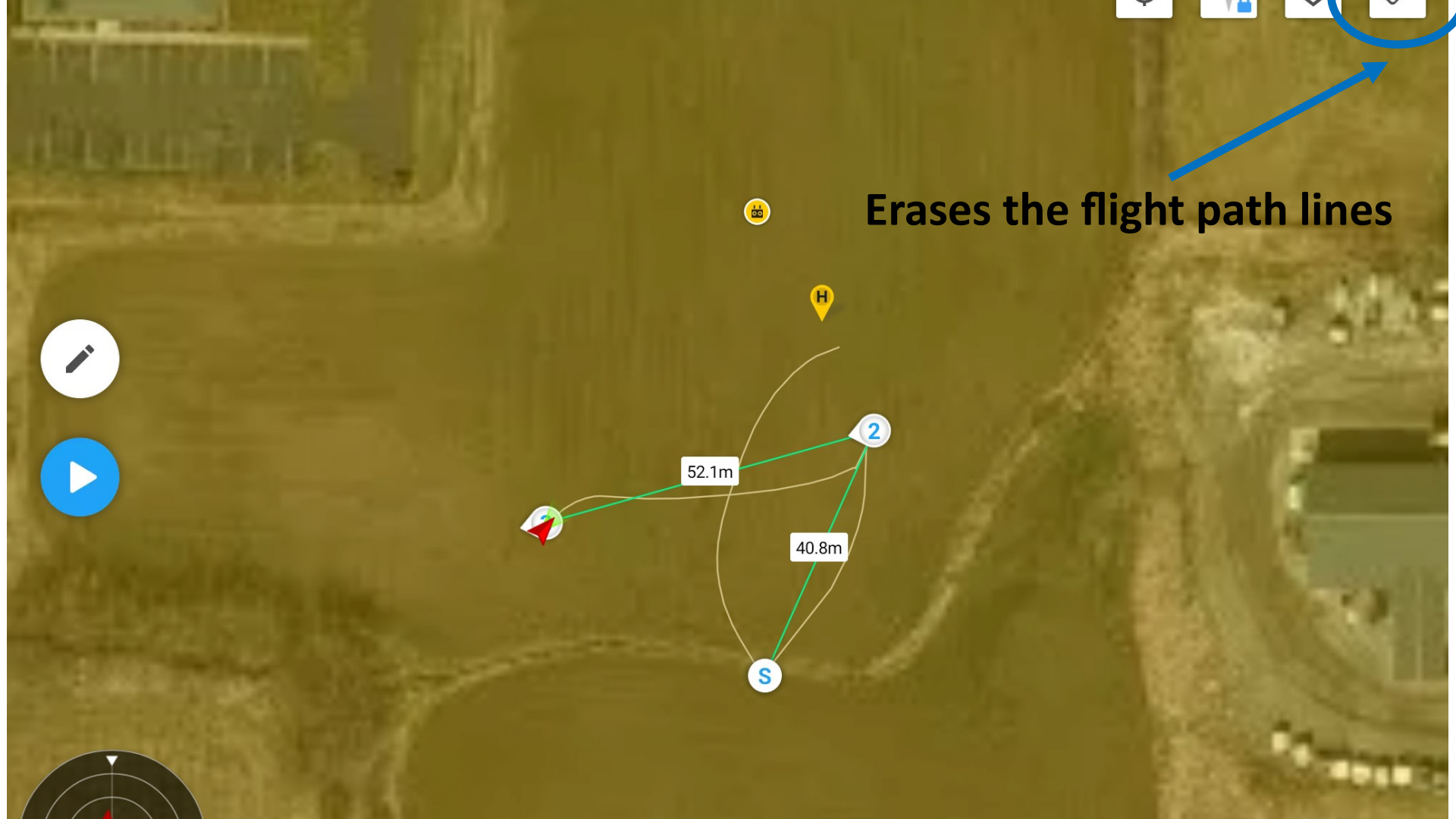


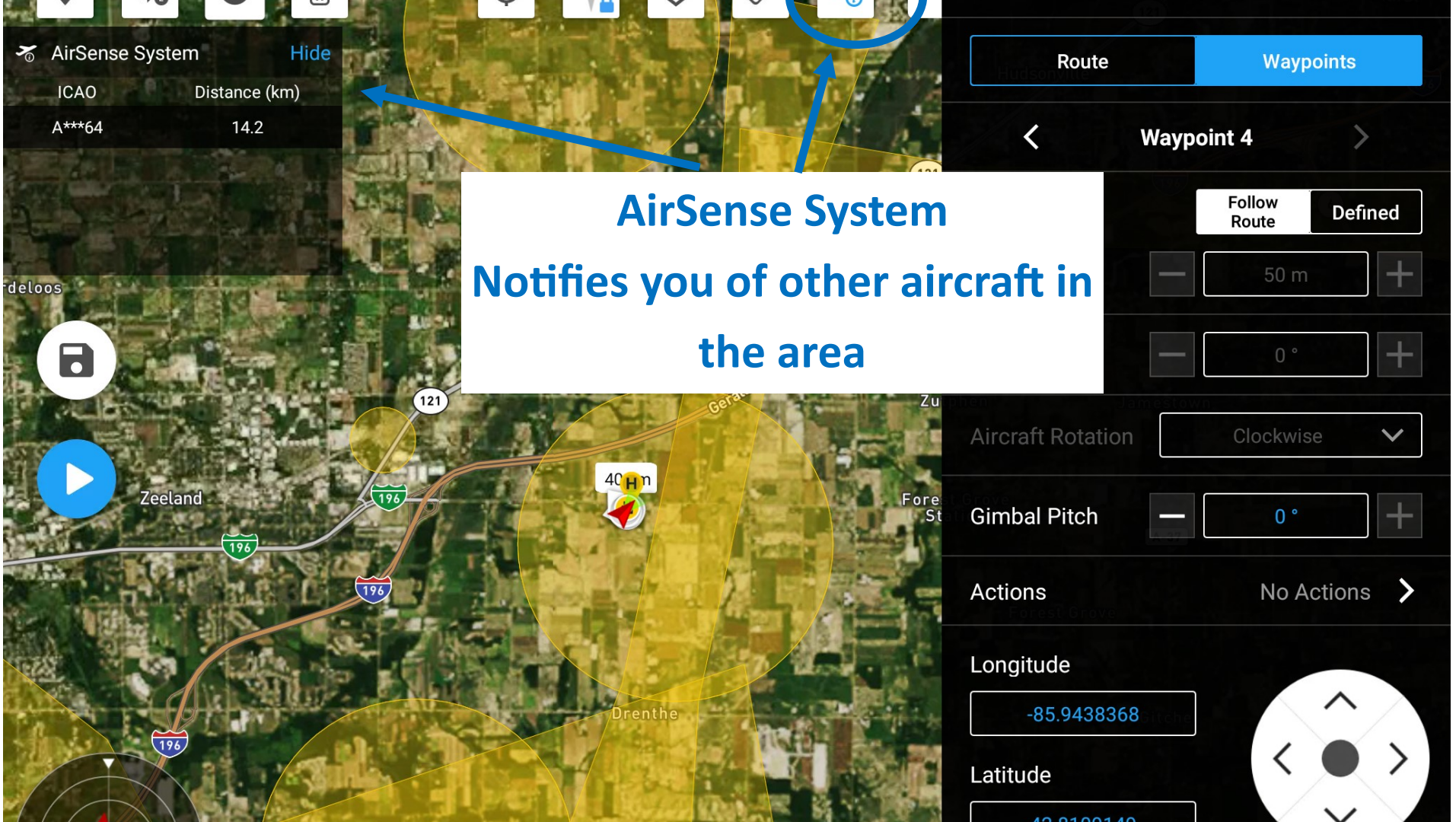
Map layers:

Standard~ Shows you an illustrative map with names of streets, highways, etc.…

Satellite~ Will show you just a picture of the surrounding area with no street or highway names.

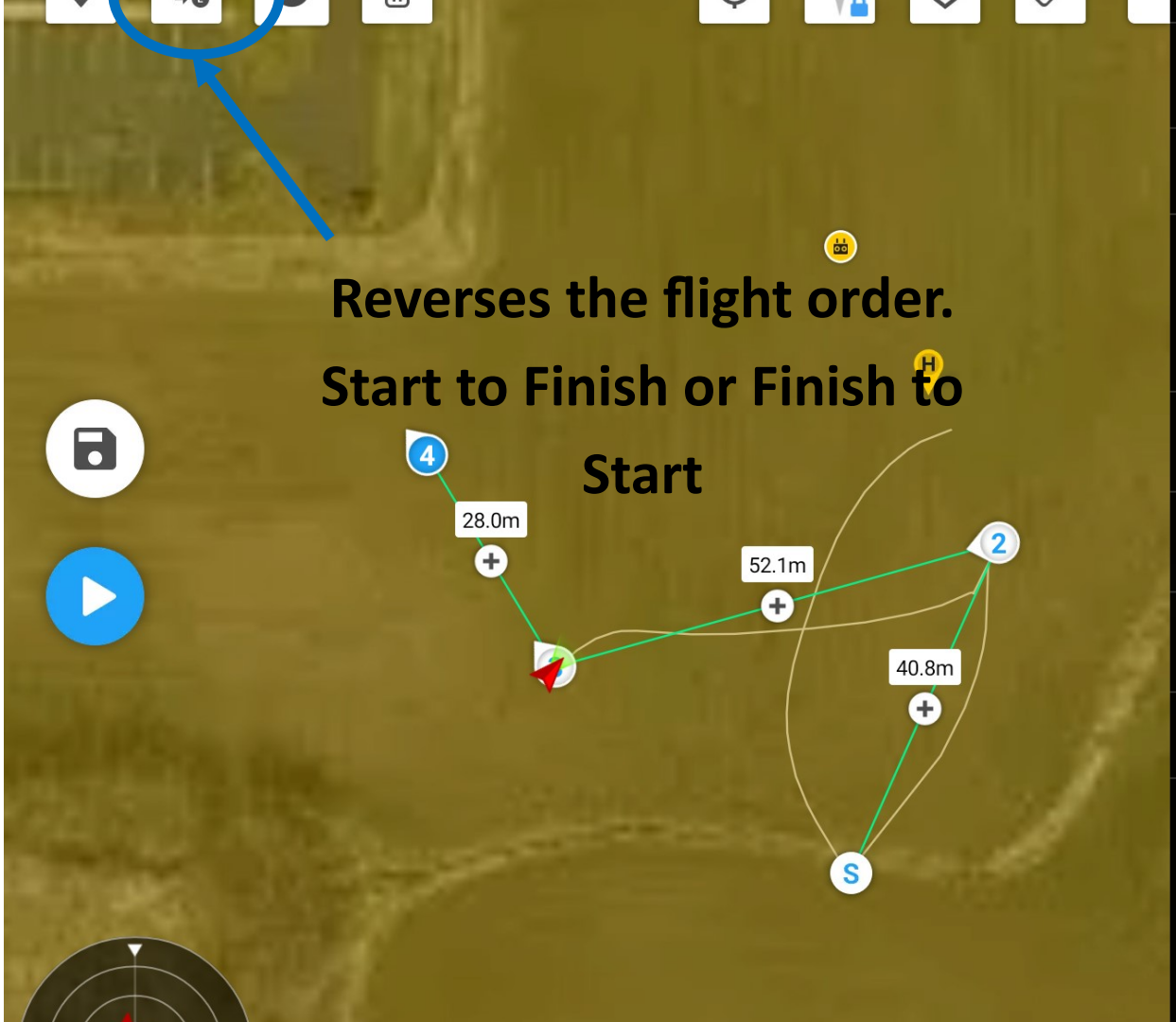
Hybrid~ Will show you a blend of the two. You will have street and highway names overlaid on top of the satellite


Erases the flight path lines
H
2
52.1m
40.8m
S



AirSense System

Notifies you of other aircraft in the area



Route | Waypoints

Waypoint 4

Height: Follow Route | Defined — 50 m

Drone Yaw: 0 °

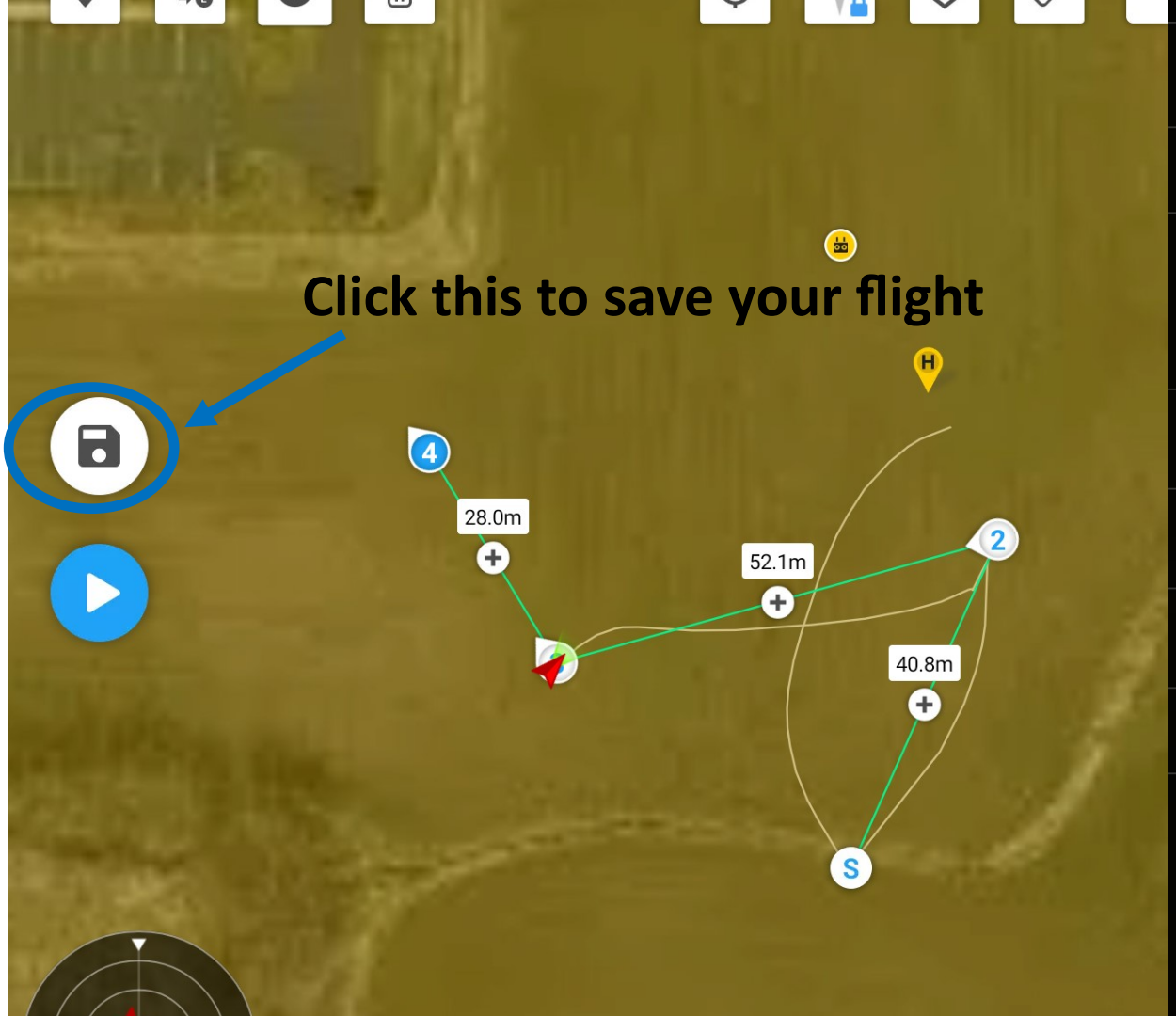
Aircraft Rotation: Clockwise

Gimbal Pitch: 0 °

Actions: No Actions

Longitude: -85.9438368

Latitude



Route | Waypoints

Waypoint 4

Height: Follow Route | Defined — 50 m

Drone Yaw: 0 °

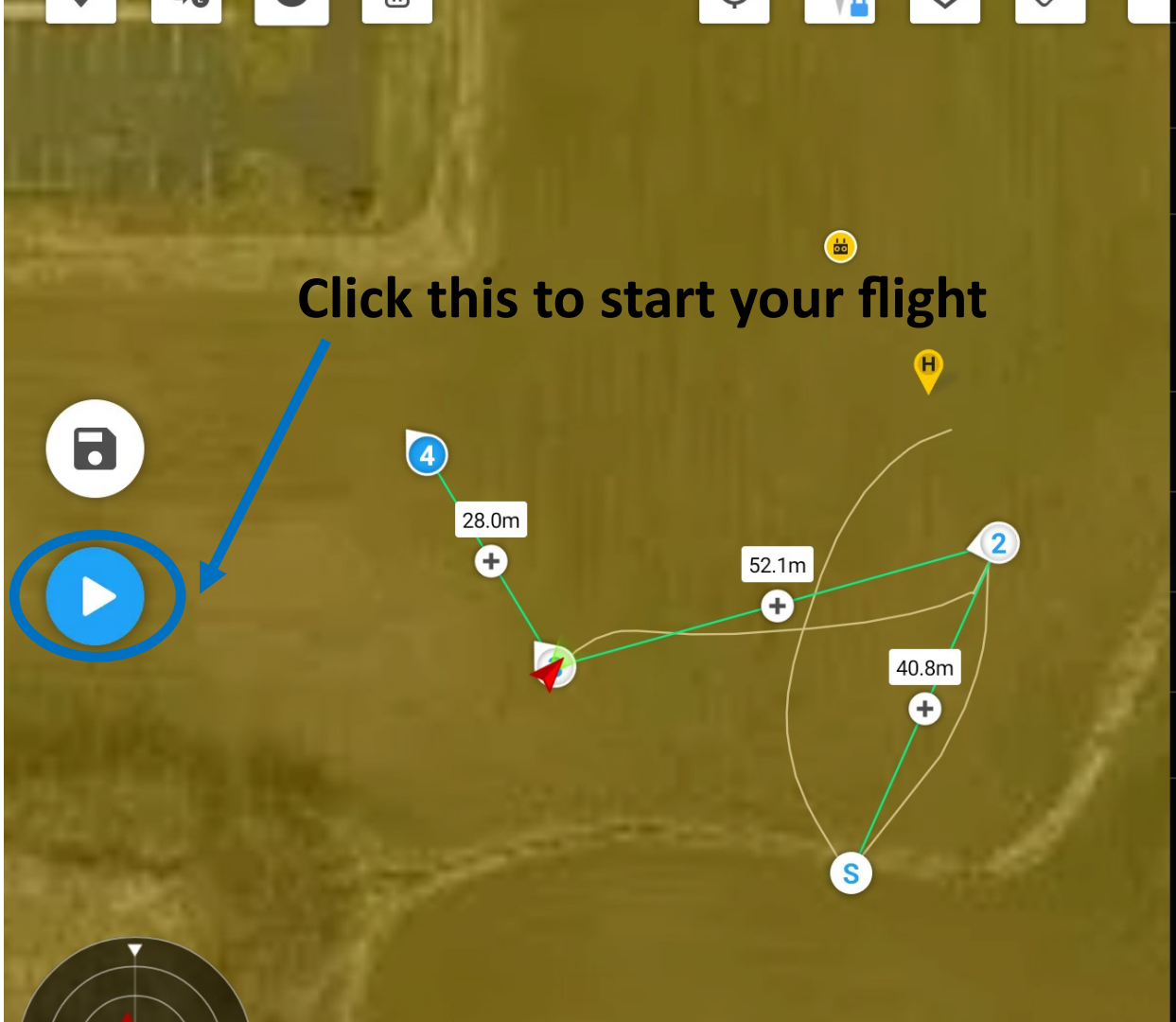
Aircraft Rotation: Clockwise

Gimbal Pitch: 0 °

Actions: No Actions

Longitude: -85.9438368

Latitude



Route | Waypoints

Waypoint 4

Height: Follow Route | Defined — 50 m

Drone Yaw: 0 °

Aircraft Rotation: Clockwise

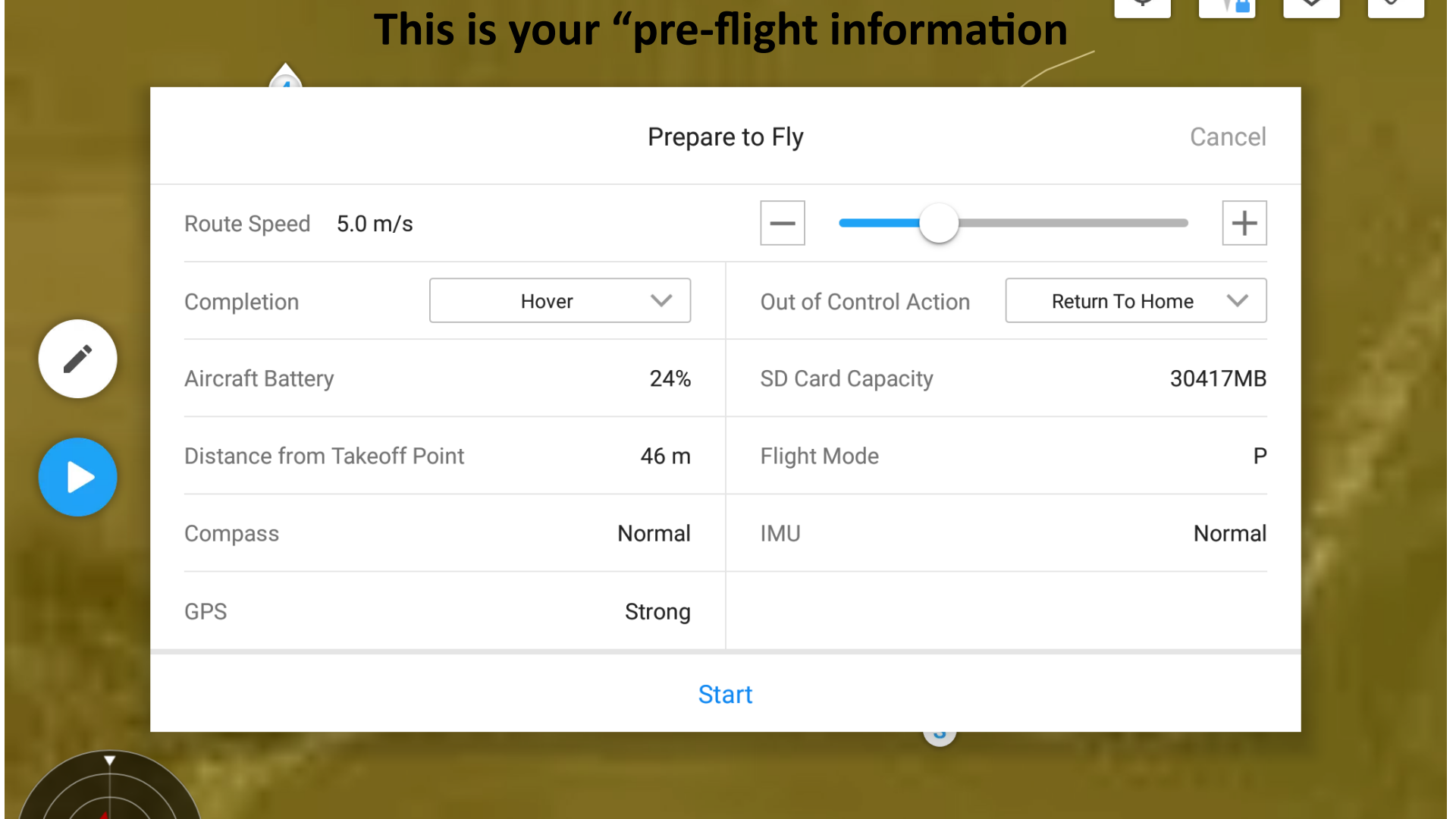
Gimbal Pitch: 0 °

Actions: No Actions

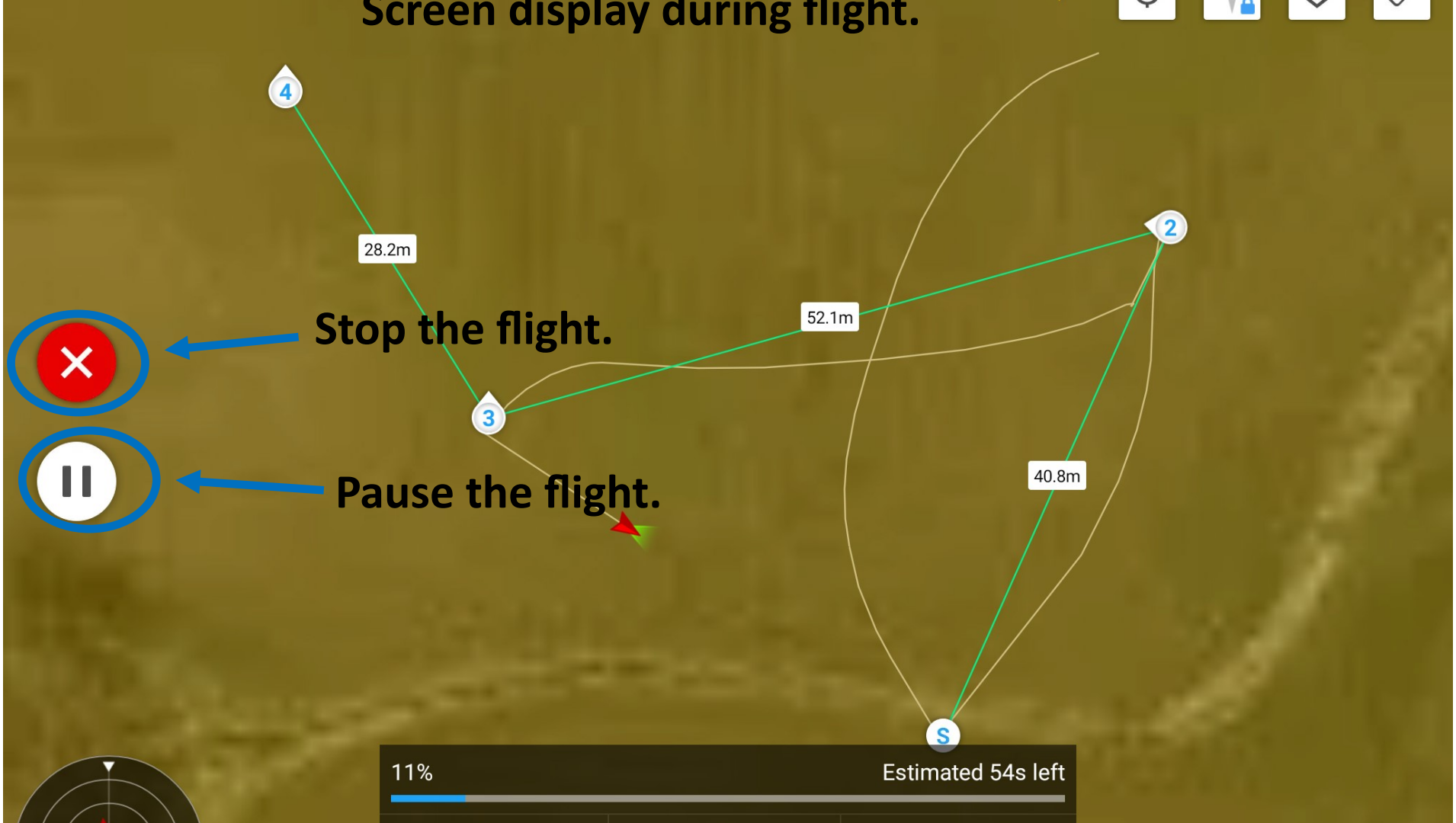
Longitude: -85.9438368

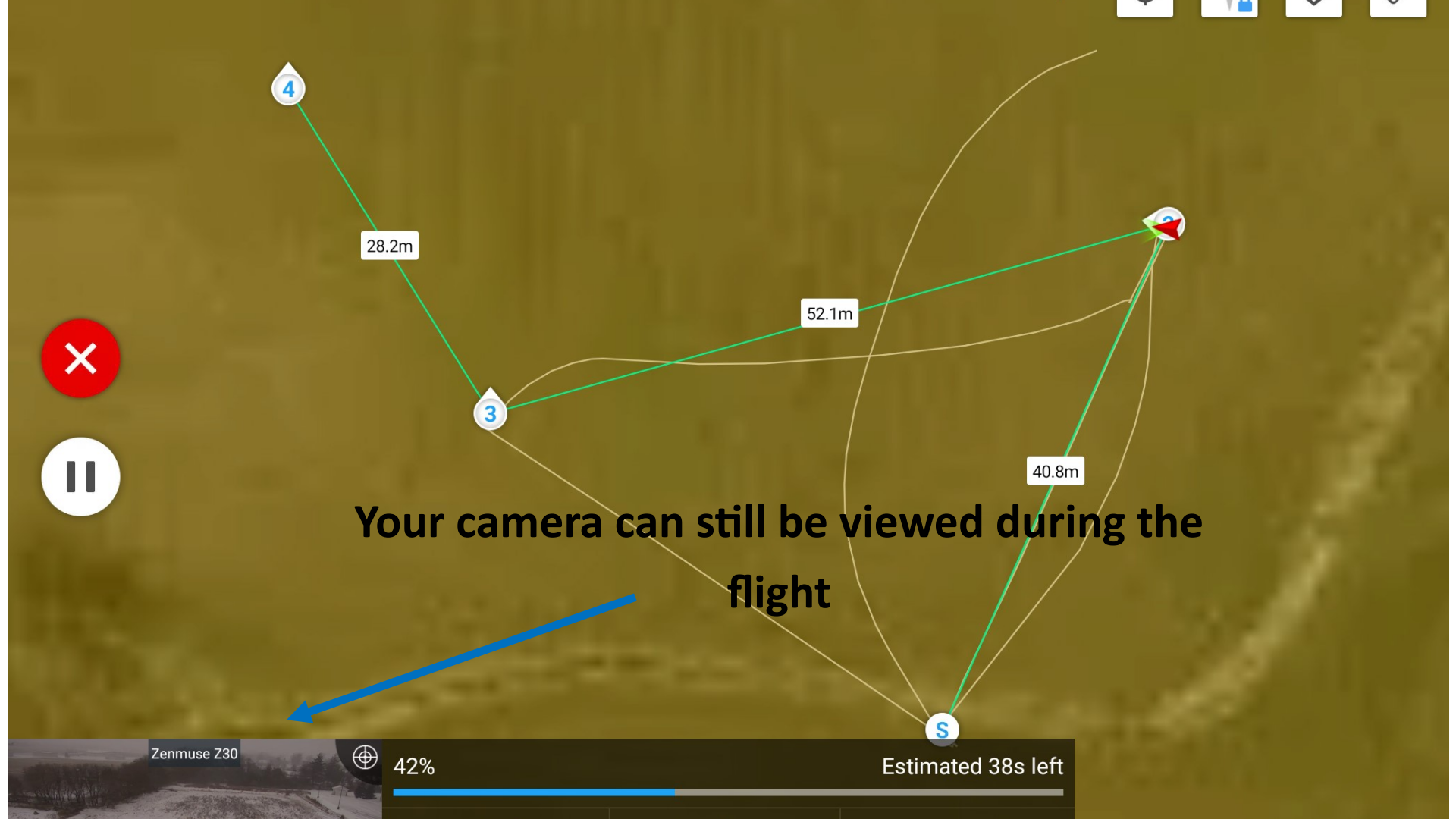
Latitude

This is your “pre-flight information



Screen display during flight.




4
28.2m
52.1m
3
40.8m
S
Your camera can still be viewed during the flight
Zenmuse Z30
42%
Estimated 38s left