① 5 Active UAVs   Select all

🚁 **NAME / ID of UAV**   ●
Status: Enroute
Battery Life: 124 min

🚁 **NAME / ID of UAV**   ●
Status: Enroute
Battery Life: 124 min

🚁 **NAME / ID of UAV**   ●
Status: Enroute
Battery Life: 124 min

🚁 **NAME / ID of UAV**   ●
Status: Enroute
Battery Life: 124 min

🚁 **NAME / ID of UAV**   ●
Status: Enroute
Battery Life: 124 min

Latitude:	35° 15′ 36″ N
Longitude:	100° 56′ 6″ W
Altitude:	150 feet
Ground Speed:	30 mph

Hover in Place   [   ] Off
Return to Home
Assign New Route

① 2 Active UAVs   Select all

🚁 **NAME / ID of UAV**   ●
Status: Enroute
Battery Life: 124 min

Latitude:	35° 15′ 36″ N
Longitude:	100° 56′ 6″ W
Altitude:	150 feet
Ground Speed:	30 mph

Hover in Place   Return to Home
[   ] Off   Assign New Route

🚁 **NAME / ID of UAV**   ●
Status: Enroute
Battery Life: 124 min

Latitude:	35° 15′ 36″ N
Longitude:	100° 56′ 6″ W
Altitude:	150 feet
Ground Speed:	30 mph

Hover in Place   Return to Home
[   ] Off   Assign New Route

② Emergency Operations

All UAVs   All UAVs
Hover in Place   Return to Home

③

④ **NAME / ID of UAV**   ●
Status: Enroute
Battery Life: 124 min
Equipment: Optical Camera

Latitude:	35° 15′ 36″ N
Longitude:	100° 56′ 6″ W
Altitude:	150 feet
Ground Speed:	30 mph

Hover in Place   [   ] Off
Return to Home
⑤ Assign New Route

⓪ There needs to be a loading screen (with progress bar/active indicator) before entering this view.

Todo

- Data from the individual UAVs; e.g. camera feed, object detection signals. Probably add a button for each UAV to show their data -- since each is different...

① Collapse the UAV info (see left view) if there is not enough space to show info of all UAVs. In the collapsed view, show detailed info when mouse hover a UAV. Scroll the view if there is still not enough space when the view is collapsed.

② The two buttons will show "All UAVs" when no UAV is selected. The text will change to "Selected UAVs" when one or more UAV is selected. If no UAV is available/active, those buttons will be disabled.

③ This is the UAV health indicator. It has three states.
   Green: normally functionable; Yellow: needs attention; Red: needs immediate attention.
   Mouse Hovering on the indicator will show a tooltip of current health situation (e.g. current battery level).

④ The color of the icon on the map indicates selection status of the UAV.
   Unselected: Black; Selected: Blue; Mouse hovered: Red; Lost connection: Gray
   Users could mouse hover on the icon to see detailed info (as shown) and click to select UAVs (Ctrl +click to select multiple ones)

⑤ When "Assign New Route" button is clicked, a model window pops up shows the Flight Routes view with a "Cancel" button and an "Apply" button.
   This can be used for assignment of the first route or updating route.