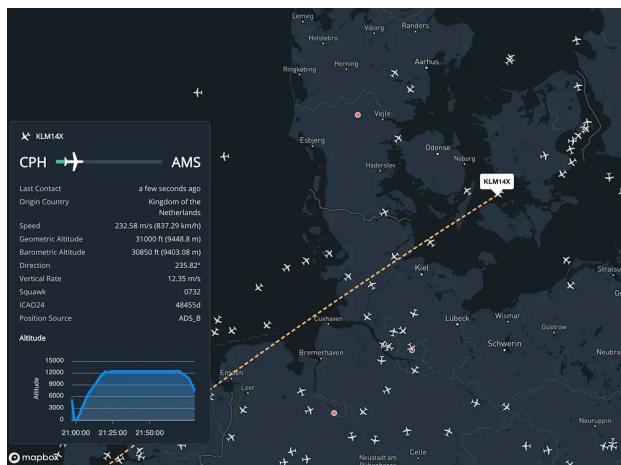


FlightAware interface showing flight history and alerts. The main map displays flight paths between Montreal, Quebec, and Ottawa, Ontario, Canada. A red 'MAJOR ALERT' box is visible on the map. On the left, a sidebar lists active aircraft: AIR CANADA Airbus A380, AIR CANADA Airbus A381, and AIR CANADA Airbus A382. Below this, a 'FLIGHT HISTORY' section shows three flights:

- AIR CANADA Airbus A380**: From Montreal (YUL) to Toronto (YYZ), Duration: 02:35, Distance: 570 (NM), Status: On time, Altitude: 4,500 ft, Alerts: None, Other: None. A 'MANAGE' button is present.
- AIR CANADA Airbus A381**: From Vermont (YCC) to Quebec (YQB), Duration: 02:35, Distance: 120 (NM), Status: On time, Altitude: 3,500 ft, Alerts: 1, Other: None. A 'MANAGE' button is present.
- AIR CANADA Airbus A382**: From Ottawa (YOW) to Vancouver (YVR), Duration: 05:25, Distance: 3000 (NM), Status: On time, Altitude: 4,550 ft, Alerts: None, Other: None. A 'MANAGE' button is present.

A 'NEW FLIGHT PATH +' button is located at the bottom left of the sidebar.



Questions

1. Who are the main target users such as active ATC operators, trainees, or supervisors?
2. What is the most critical information an operator needs to see immediately when viewing the map?
3. How frequently should the information on the screen update to be considered real-time for operators?
4. What are the main pain points operators face with current or existing tracking systems?
5. When multiple aircraft are visible, how should we prioritize or highlight critical flights such as conflicts or emergencies?
6. What level of detail should appear directly on the map versus in a side panel or popup for example speed, altitude, or flight number?
7. How should alerts or warnings be displayed without overwhelming the user for example color coding, blinking, or sound?
8. Do you prefer a dark or light interface considering control room lighting conditions?
9. What kind of interactions should be possible on the map such as zooming, filtering, or clicking for more details?
10. Should the UI allow filtering by airline, altitude range, or flight status?
11. Are there any system or hardware limitations that might affect the design such as monitor size or multi-screen setups?
12. How do you define a good user experience for this map view such as speed, clarity, ease of identifying issues, or all of these?