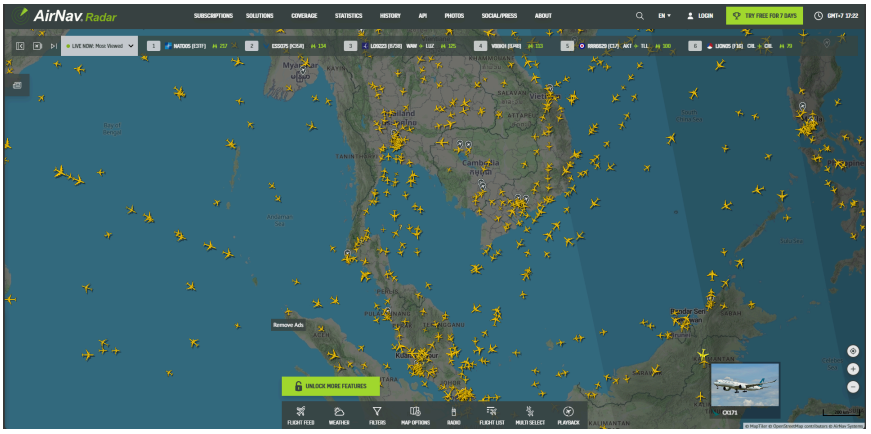
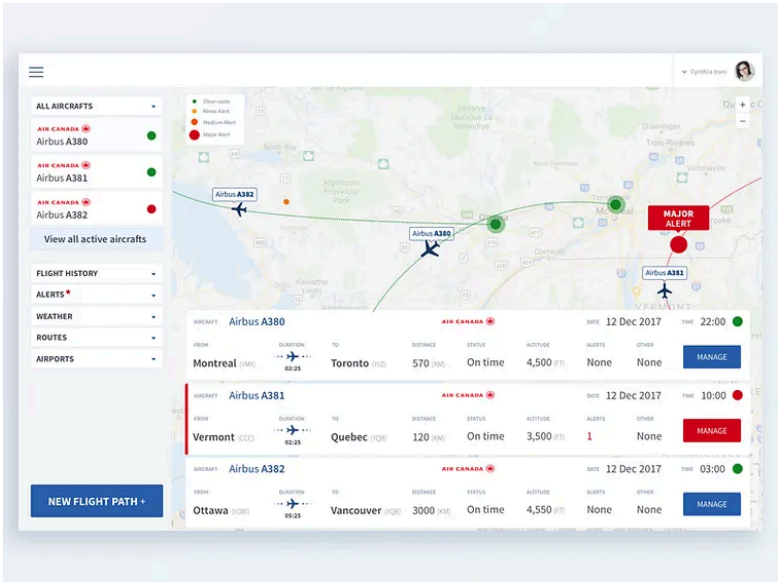
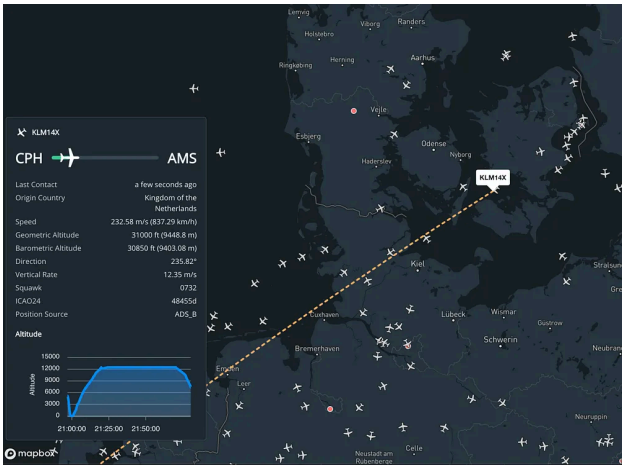

AirNav Radar
SUBSCRIPTIONS
SOLUTIONS
COVERAGE
STATISTICS
HISTORY
API
PHOTOS
SOCIAL/PRESS
ABOUT
LOGIN
TRY FREE FOR 7 DAYS
Remove Ads
UNLOCK MORE FEATURES
FLIGHT FEED
WEATHER
FILTERS
MAP OPTIONS
RADIO
FLIGHT LIST
MULTI SELECT
PLAYBACK

SKW3816
04L CRJ2
SKW3813
04L CRJ2
ARB PA32
NKS985
04L A320
SKW7411
04L CRJ2
EDV5174
04L CRJ9
SKW4734
04L CRJ2
DAL1233
04R MD90
DAL2893
04R B752
SKW3802
03R CRJ2
SCR CRJ2
DAL1145
03R B712
N404CD
03R LJ60
DAL1930
03R A319
RPA6108
03R E170
RPA5991
03R E75S
EDV5437
03R CRJ9
EDV5234
03R CRJ9
JIA5527
03R CRJ9
GJS6182
03R CRJ9

best for atc


ALL AIRCRAFTS
Airbus A380
Airbus A381
Airbus A382
View all active aircrafts
FLIGHT HISTORY
ALERTS
WEATHER
ROUTES
AIRPORTS
NEW FLIGHT PATH +
MAJOR ALERT
Airbus A380
12 Dec 2017
22:00
Montreal
Toronto
570
On time
4,500
None
None
MANAGE
Airbus A381
12 Dec 2017
10:00
Vermont
Quebec
120
On time
3,500
1
None
MANAGE
Airbus A382
12 Dec 2017
03:00
Ottawa
Vancouver
3000
On time
4,550
None
None
MANAGE


KLM14X
CPH
AMS
Last Contact
a few seconds ago
Origin Country
Kingdom of the Netherlands
Speed
232.58 m/s (837.29 km/h)
Geometric Altitude
31000 ft (9448.8 m)
Barometric Altitude
30850 ft (9403.08 m)
Direction
235.82°
Vertical Rate
12.35 m/s
Squawk
0732
ICAO24
48455d
Position Source
ADS_B
Altitude
15000
12000
9000
6000
3000
0
21:00:00
21:25:00
21:50:00
Esbjerg
Odense
Kiel
Lübeck
Wismar
Schwerin
Bremerhaven
Cuxhaven
Celle
mapbox

RADAR VIEW
09:48:34
24°
RADAR VIEW
SELECTED FLIGHT
GW177899
Emirates
DXB – MCT
AUG 12 2023
DEPARTURE TIME
23:00
GATE
B17
RUNWAY
TRACKED PLANES
GW17783 A320 M 005
MSR751 A320 L 120
ROT234J A345 M 004
FHY676 A313 M 006
TWS127 A333 M 008
ZET3319 A364 L 011
TRAFFIC NUMBER
03
ARRIVAL
DEPARTURE
AIR SPEED
36
HOME
FLIGHTS
WEATHER
LIVE
SETTINGS

RADAR VIEW
09:48:42
24°
TERRAIN VIEW
SELECTED FLIGHT
GW177899
Emirates
DXB – MCT
AUG 12 2023
DEPARTURE TIME
23:00
GATE
B17
6293 FEET
TRACKED PLANES
TWS127 A333 M 008
ZET3319 A364 L 011
ROT234J A345 M 004
FHY676 A313 M 006
TWS127 A333 M 008
ZET3319 A364 L 011
TRAFFIC NUMBER
03
AIR SPEED
39
HOME
FLIGHTS
WEATHER
LIVE
SETTINGS

Questions

1. Who are the main target users such as active ATC operators, trainees, or supervisors? ATC operators, ATC trainees

2. What is the most critical information an operator needs to see immediately when viewing the map? Altitude, Speed, Position

3. How frequently should the information on the screen update to be considered real-time for operators? every 1 second

4. What are the main pain points operators face with current or existing tracking systems? maybe UI to laggy.

5. When multiple aircraft are visible, how should we prioritize or highlight critical flights such as conflicts or emergencies? actually depends on ATC, a

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? Critical information must be showed beside the aircraft position.

7. How should alerts or warnings be displayed without overwhelming the user for example color coding, blinking, or sound? blinking at the critical aircraft

8. Do you prefer a dark or light interface considering control room lighting conditions? MUST BE DARK INTERFACE

9. What kind of interactions should be possible on the map such as zooming, filtering, or clicking for more details? zooming should enougj

10. Should the UI allow filtering by airline, altitude range, or flight status? yes, but acatually

11. Are there any system or hardware limitations that might affect the design such as monitor size or multi-screen setups? multi-screen setup for many

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? high fps for smoother