

Turbulence information in the Aircraft

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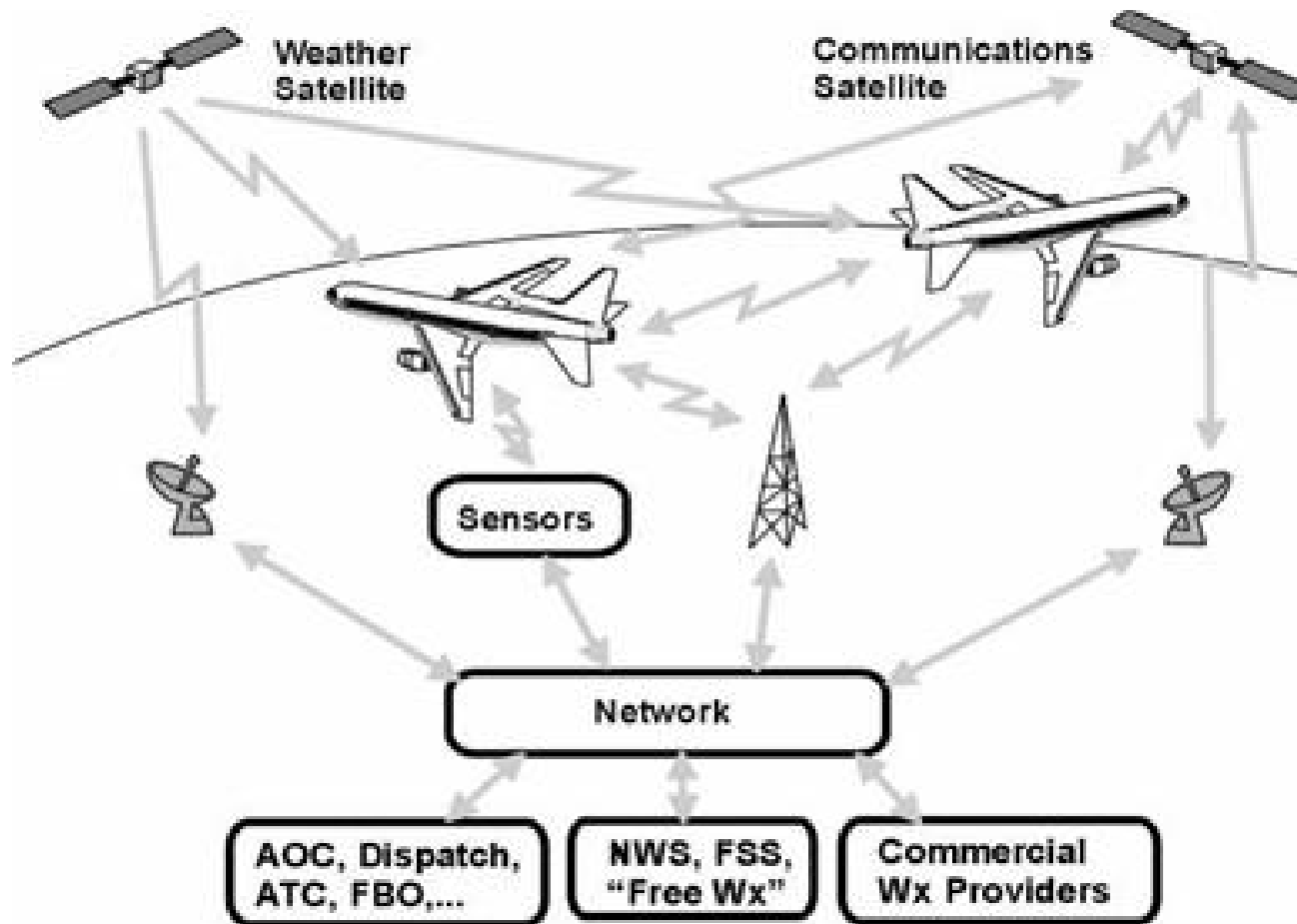




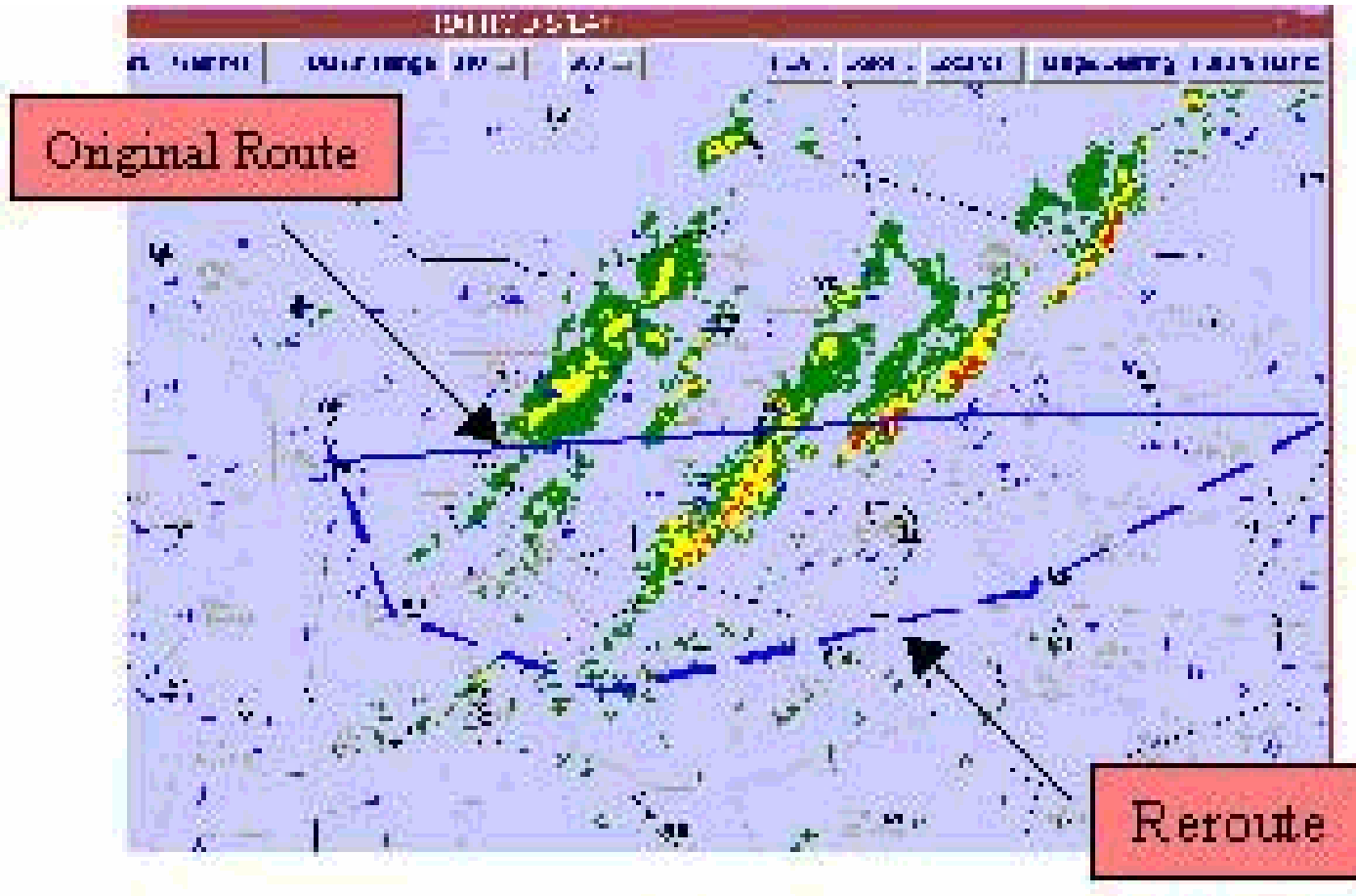
Air_Net/EFB Justification considerations

- Communications platform
- Pilot back injury reduction
- Convective reroute (block reduction)
- Contingency fuel reduction
- Transactional comm. reduction
- Paper reduction
- Weight reduction
- Future avionics replacement
- ***Turbulence injury reduction***

Communications: WINCOM Project



Making Strategic route decisions with EFB/Weather

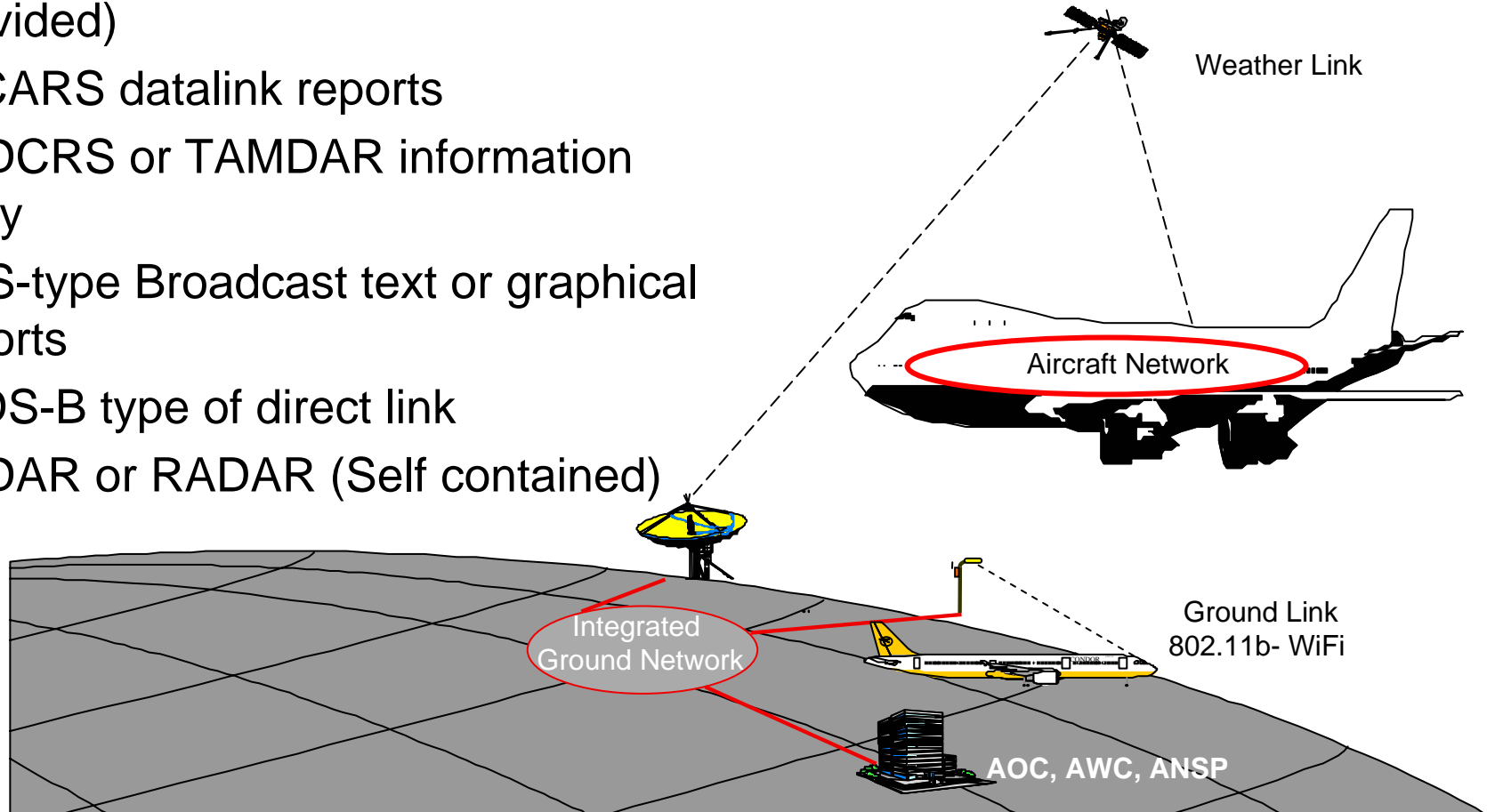


En Route

Getting the information to the Aircraft:



- Voice reports (AOC, Aircraft or ANSP provided)
- ACARS datalink reports
- MDCRS or TAMDAR information relay
- FIS-type Broadcast text or graphical reports
- ADS-B type of direct link
- LIDAR or RADAR (Self contained)



Type II EFB Flight Deck Display Devices and Locations



EFB on our B747-400

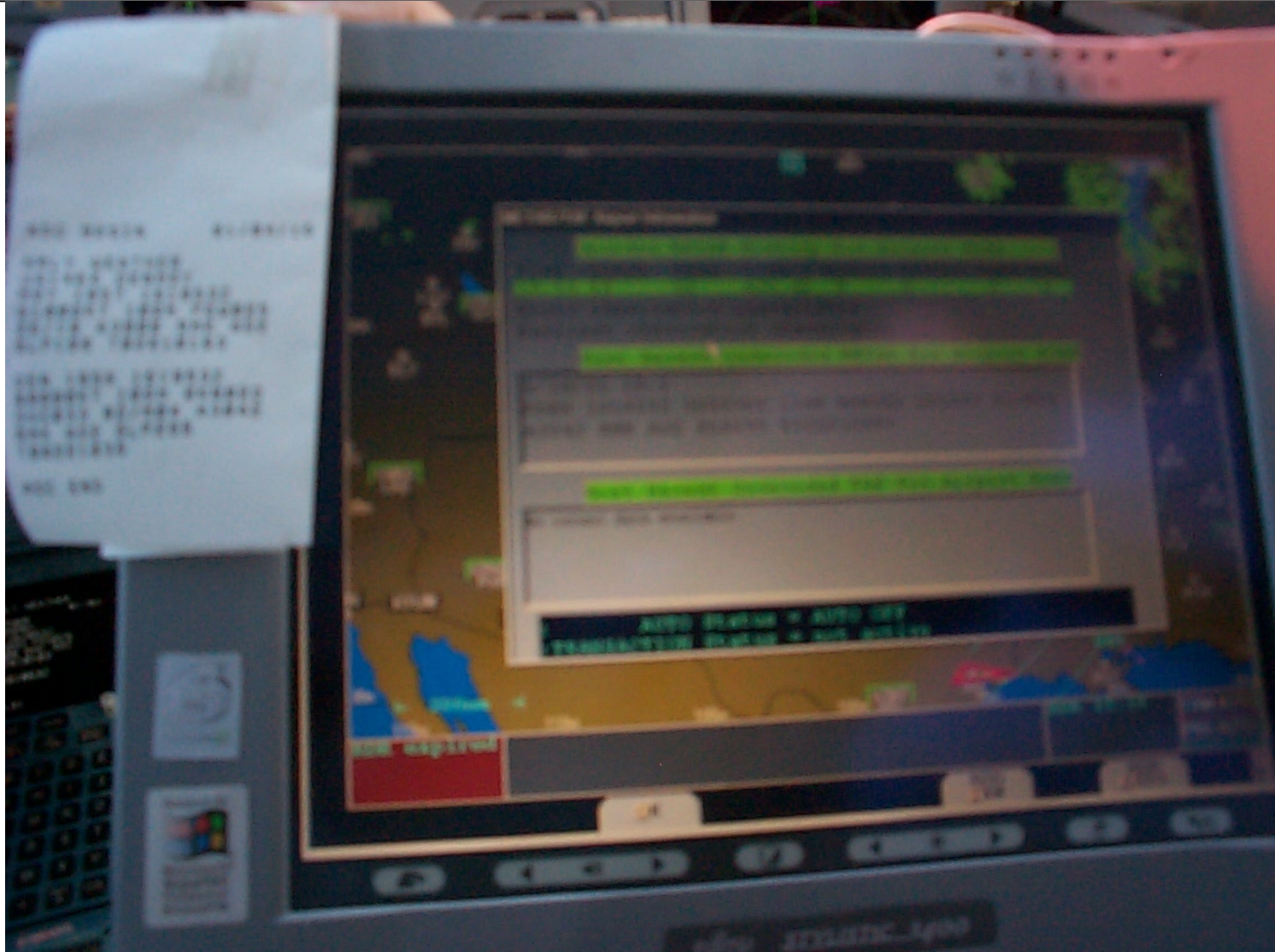


EFB on B737



Typical EFB

ACARS Paper printout vs. EFB weather

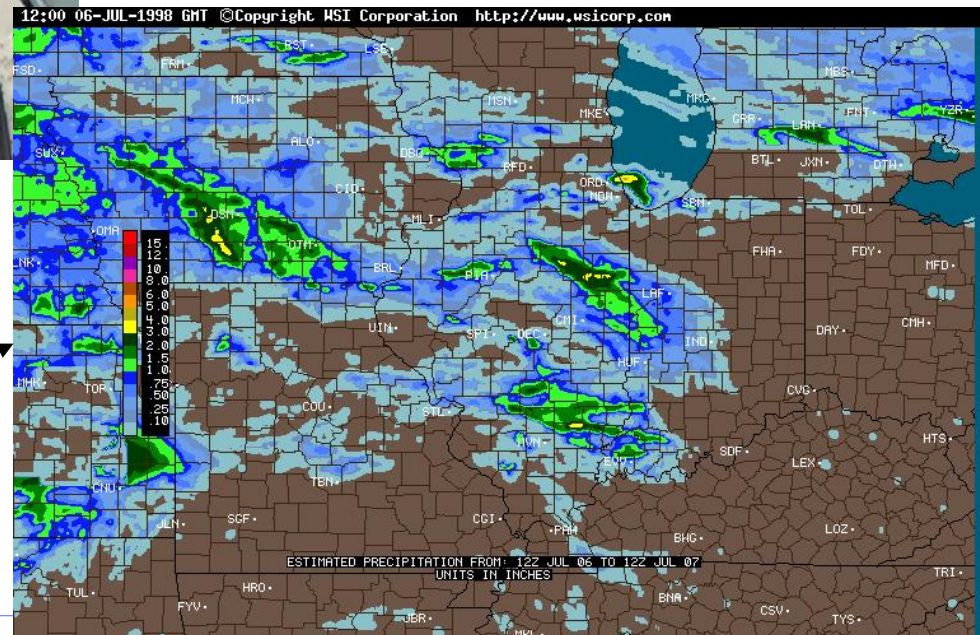


Live EFB weather with Datalink



Live EFB Weather on our A320

Actual "Passenger" view of weather using Airfone connection

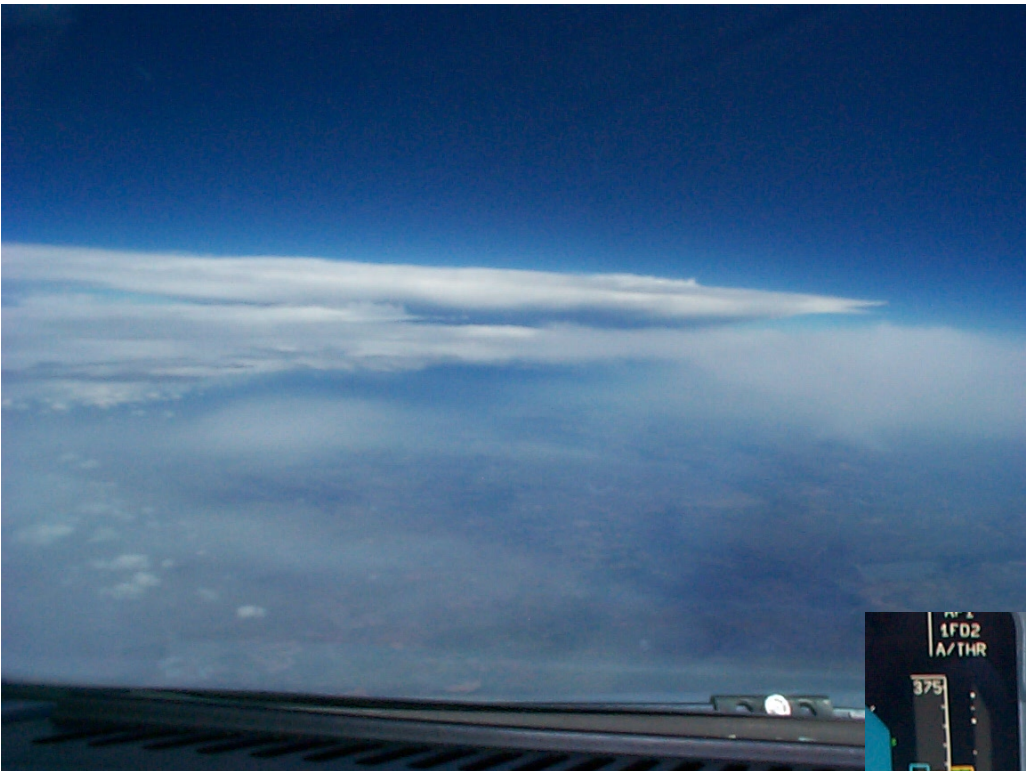




← Track-up turbulence with SIGMET overlay plot

North-up turbulence plot →

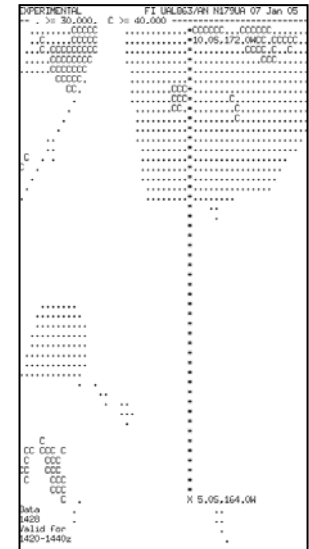
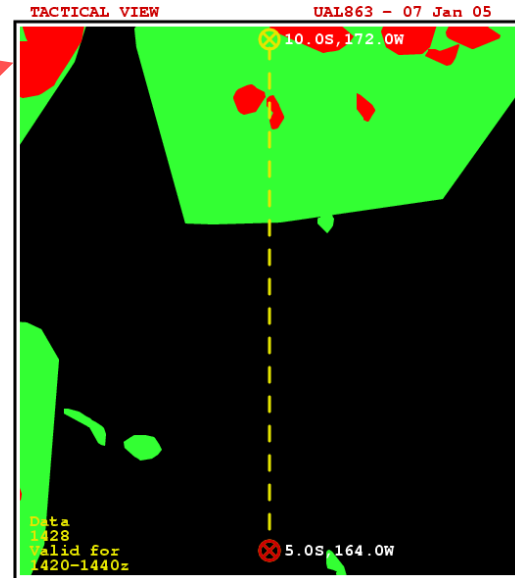
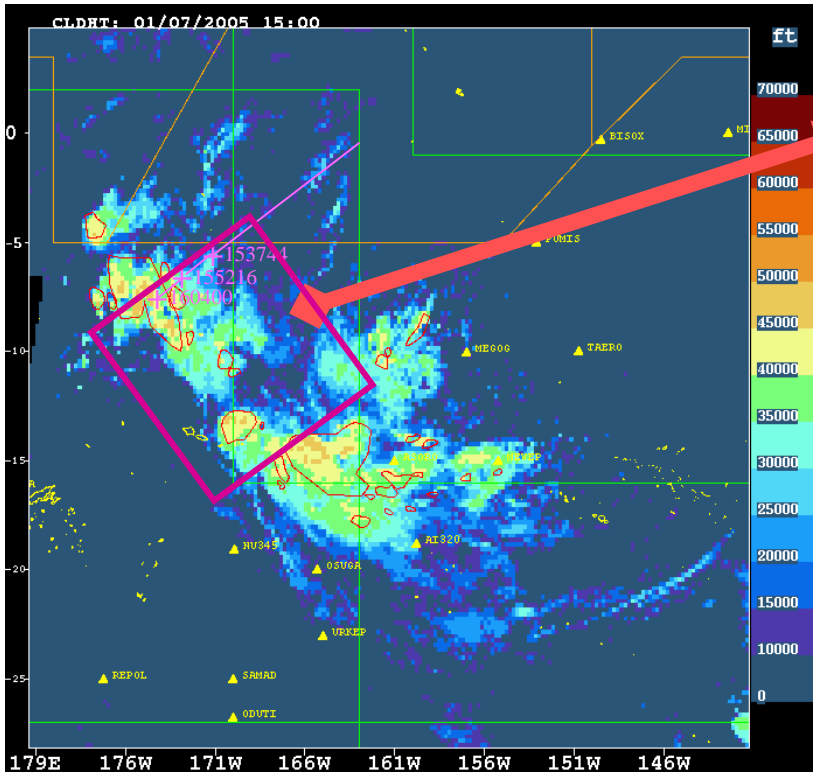




Oklahoma TRW in/out view



Reducing Turbulence Injuries with AirNet/EFB



Both Display formats available with EFB

Current ACARS display (UAL only)



Thank You!

Captain Joe Burns

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