

Current Weather and Turbulence “in the cockpit” programs at United

Captain Joe Burns

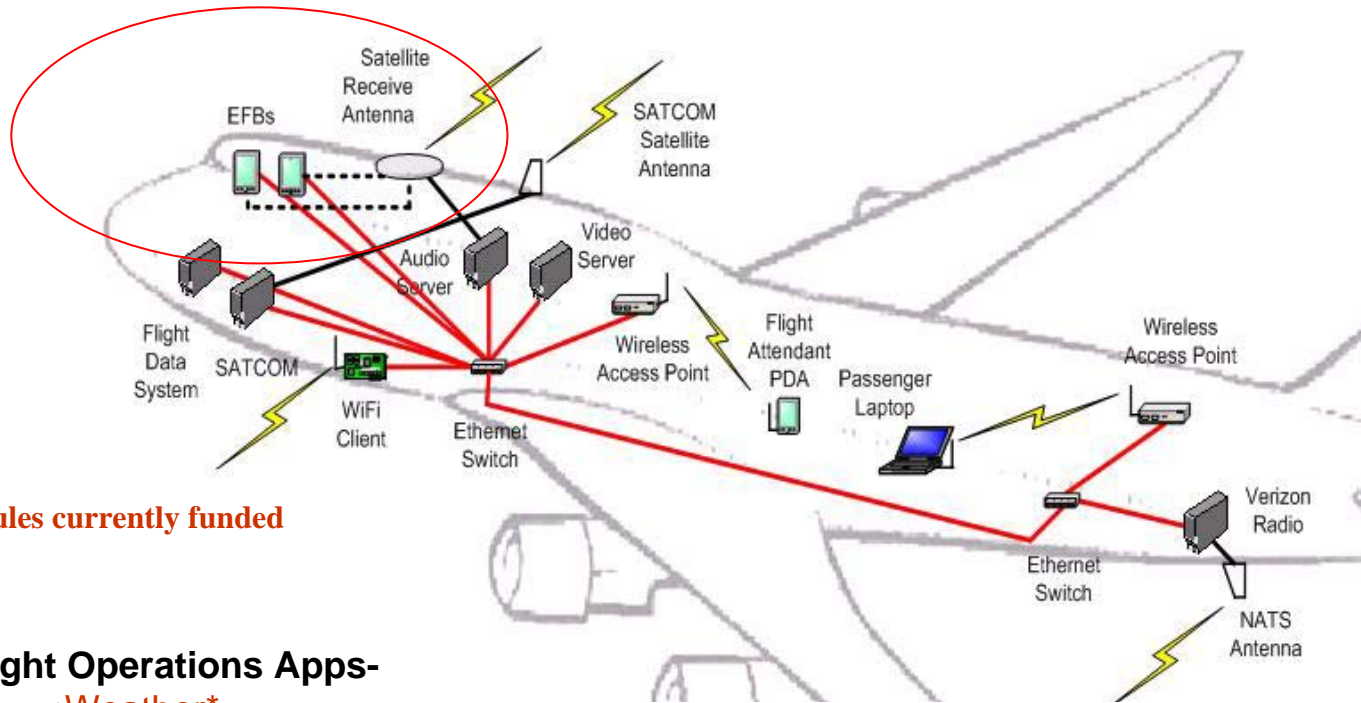
Managing Director – Flight Standards and Technology

9-5-2007

Agenda:

- **AirNet platform update**
- **Turbulence product update**

AirNet Infrastructure & Applications



* Modules currently funded

Flight Operations Apps-

- Weather*
- Flight manuals*
- Navigational charts*
- Surface moving maps *
- Cabin surveillance
- Flight papers
- performance data
- ACARS replacement

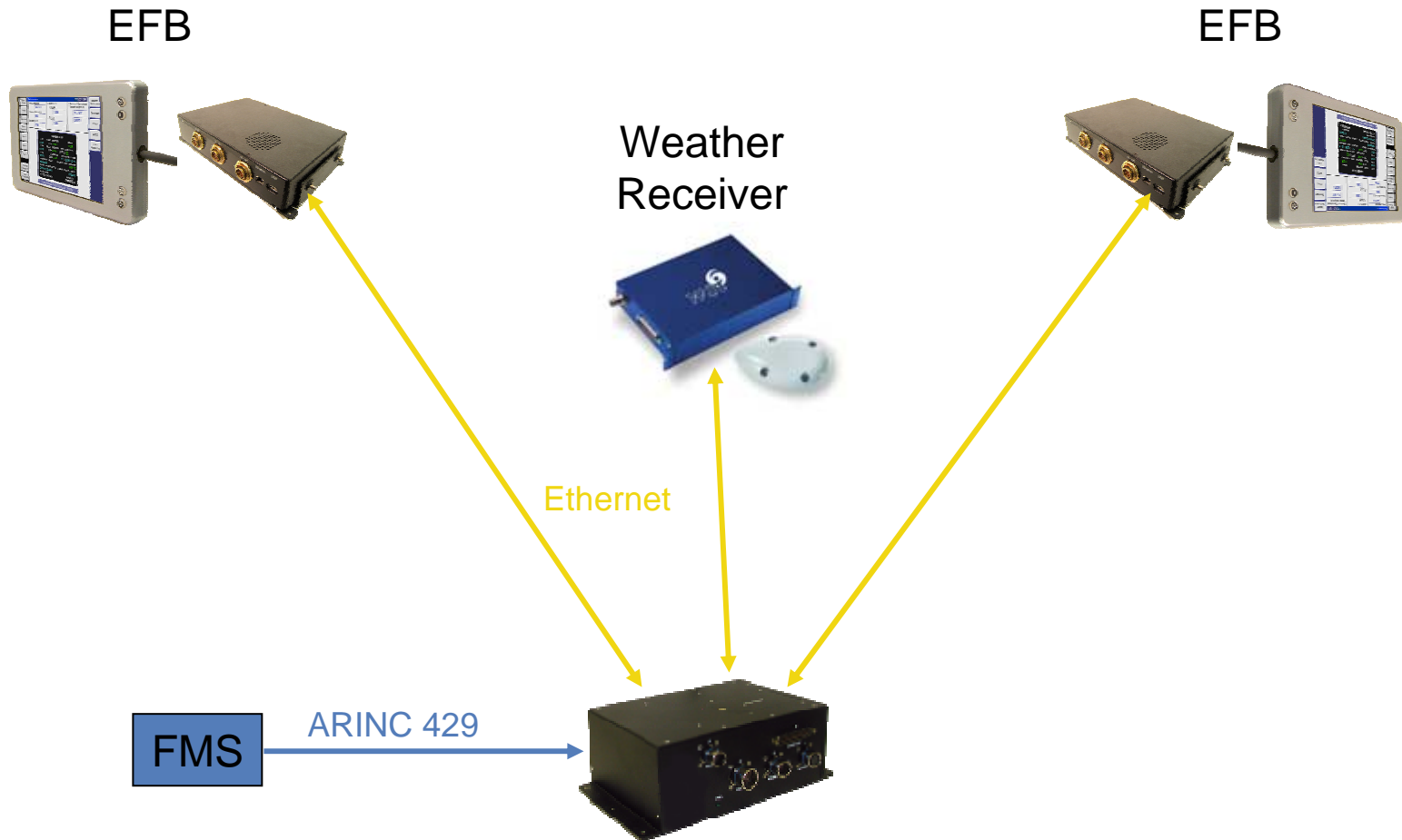
Customer Apps-

- Rebooking
 - IRROPS
 - Buy-on-board programs
 - Customer profiles
 - Radio/Movies
 - Email
 - Internet browsing

Maintenance-

- MEL
- Logbooks
- Flight data downloads
- Problem reporting

AIRNET Hardware Components



Type II EFB

Flight Deck Display Devices and Locations



EFB on our B747-400

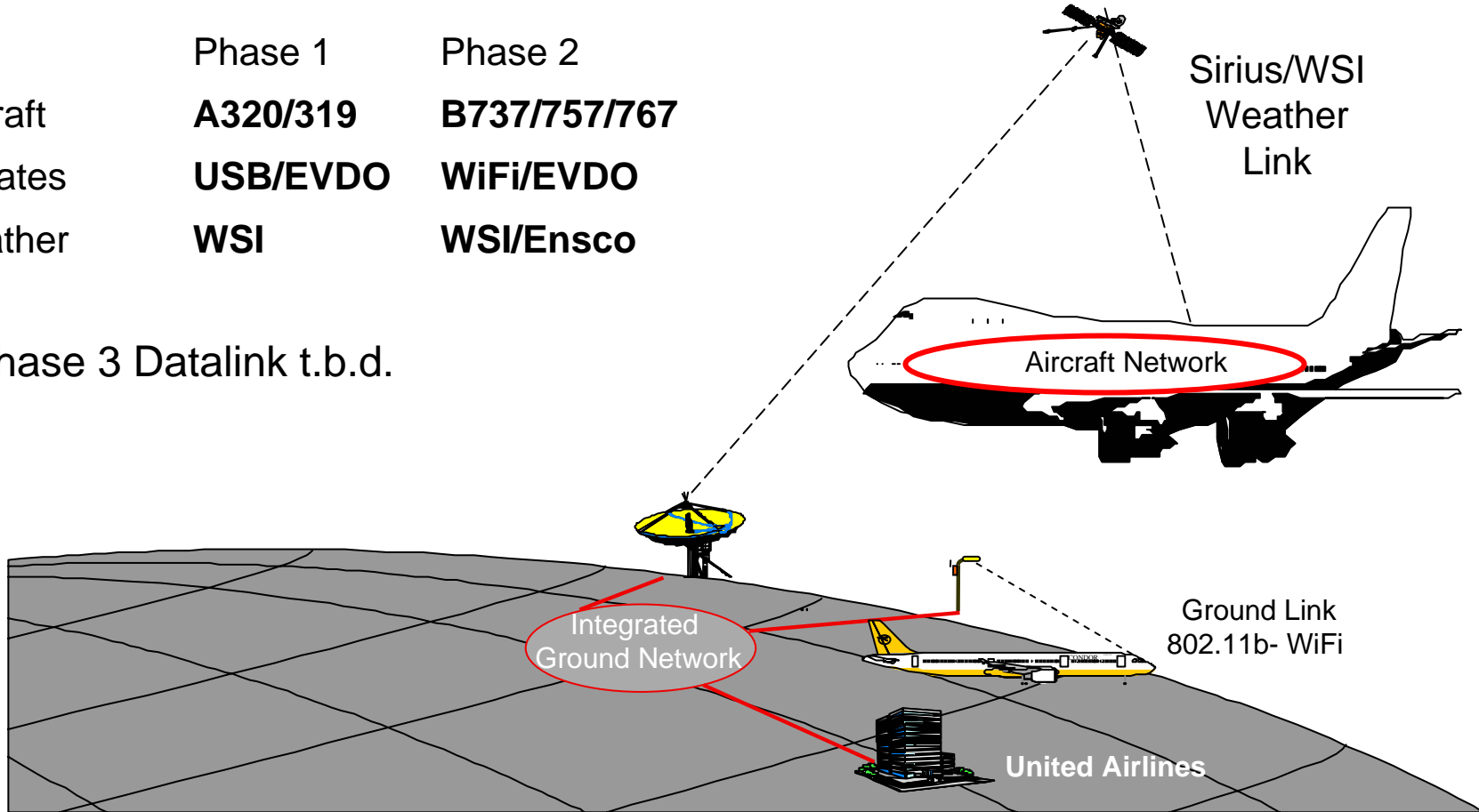


Teledyne EFB

AirNet - Phase 1 & 2

	Phase 1	Phase 2
Aircraft	A320/319	B737/757/767
Updates	USB/EVDO	WiFi/EVDO
Weather	WSI	WSI/Ensco

* Phase 3 Datalink t.b.d.



AirNet Summary

Project Integration

Single point of responsibility for the AirNet project:

- (a) **Contracting with component subcontractors;**
- (b) **Risk; and**
- (c) **Solution delivery**
- (d) **Vendor Management**

Hardware

EFB hardware device capable of running EFB software applications

Weather (Wx)

Real-time weather data provided to the aircraft allowing pilots to observe changes to enroute weather in a real-time environment.

Intelligent Search Engine (ISE)

Tool to provide more efficient method to retrieve FM and FOM information

Enterprise Content Management

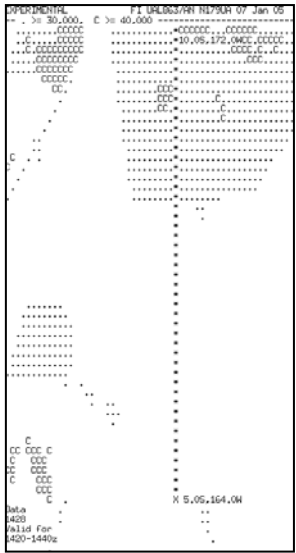
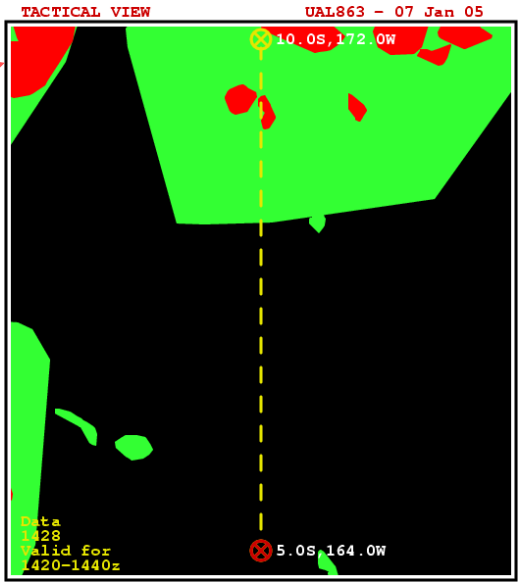
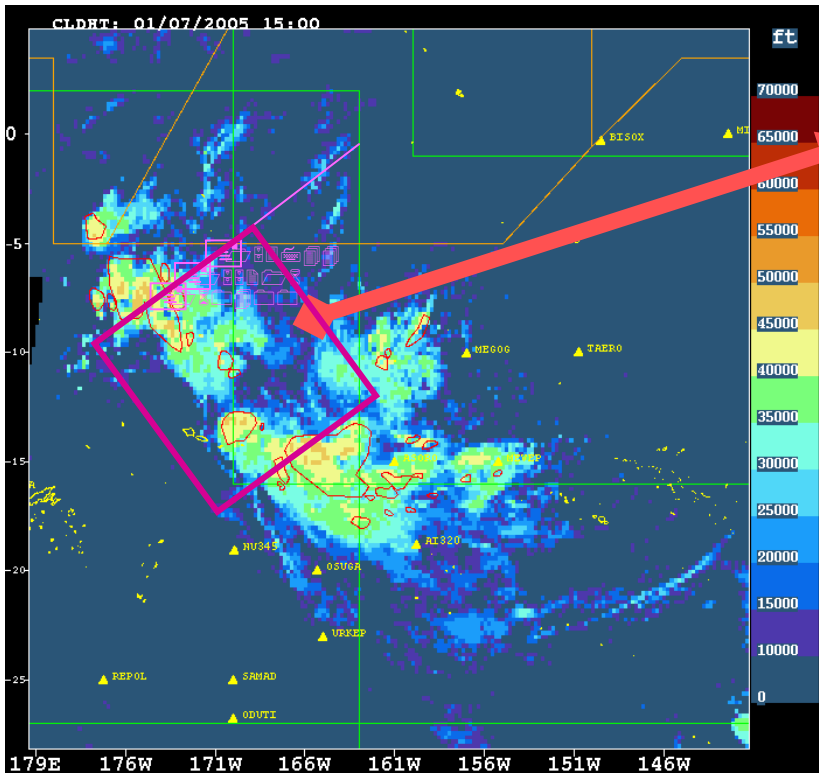
Ground based hardware and software that will be used to manage the workflow, change and distribution of information contained in various manuals necessary for aircraft operations.

Electronic Charting Software Purchase

Elimination of the production and distribution of :

- (a) **paper navigation charts**
- (b) **aircraft flight manuals**
- (c) **flight operation manuals**

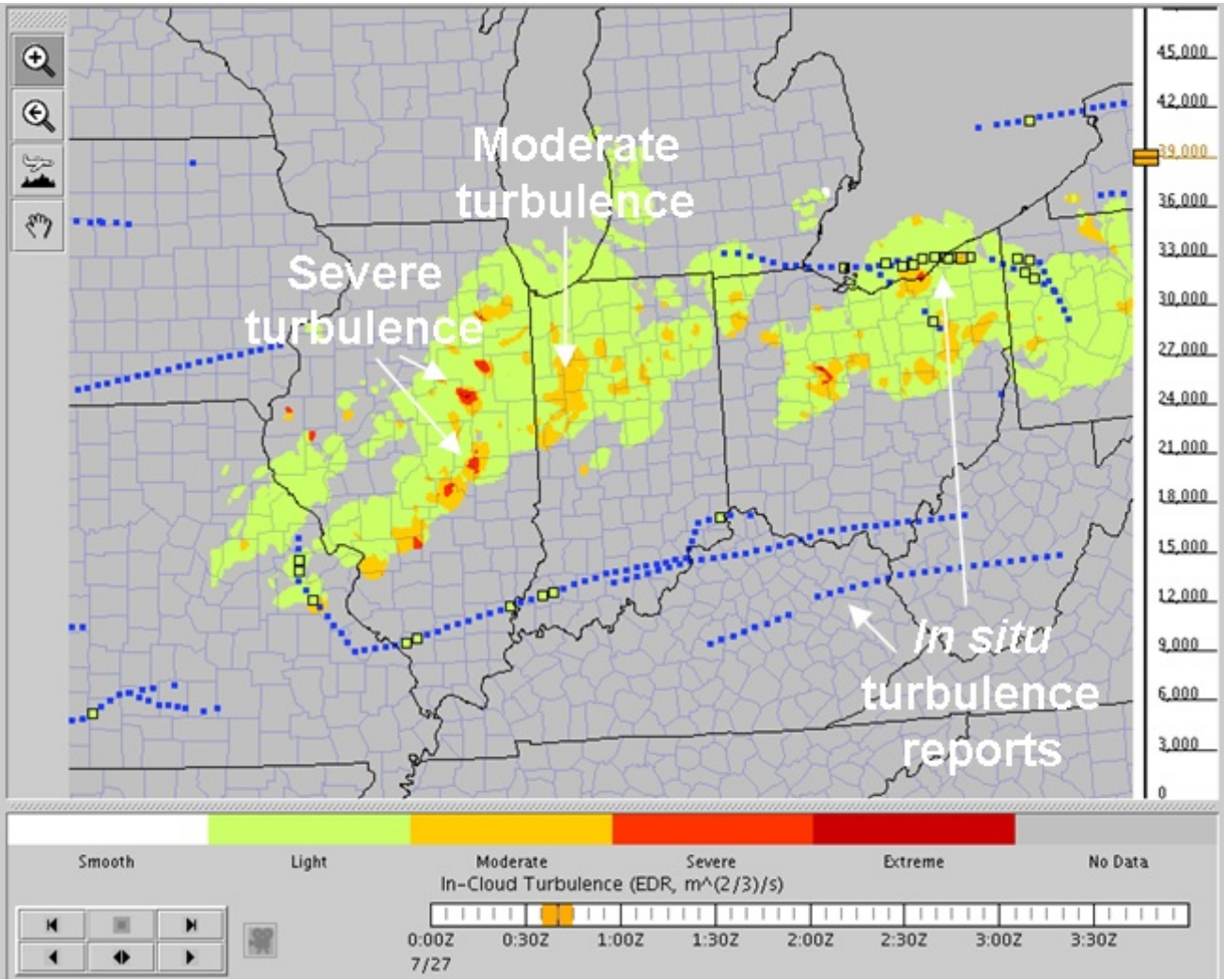
Reducing Turbulence Injuries with AirNet/EFB



Both Display formats available with EFB

Current ACARS display

Future potential AirNet display with NCAR NTDA information:



Thank You!
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