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**

**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

* Modules currently funded
Type II EFB
Flight Deck Display Devices and Locations

EFB on our B747-400

Teledyne EFB

flightoperations
Flight Standards and Technology

UNITED
A STAR ALLIANCE MEMBER
AirNet - Phase 1 & 2

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* 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
Current ACARS display of NCAR/NTDA data:
Future potential AirNet display with NCAR NTDA information:

Severe turbulence

Moderate turbulence

In situ turbulence reports
Thank You!
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